110 Old Market St. St Martinville, LA 70582

**OUTSOURCE FLUID SOLUTIONS LLC.** 

0.0°

3,000' TVD

TEL: (337) 394-1078

Operator				Contractor			County / Parish /	Block		Engineer	Start Date	24 1	r ftg.			rilled D	epth		
MAGI	NOLIA C	OIL & G	SAS	PA	TTERS	ON	WASH	IINGTO	N	_	4/29/2		,	00 ft		;	3,000	ft	
Well Name and No.	D 0441	(ON A	411	Rig Name ar			State			Spud Date			ent ROP	64.00		ctivity	<b>DOO</b>		
Report for	D CANY	ON A	- 1H	Report for	248		Field / OCS-G #	EXAS		Fluid Type	4/28/2		3/5 ulating Ra	ft/hr			POO		
JAMES D	YER / E	BOBBY	GWIN		ol Pus	her	GID	DINGS			WBM		-	gpm			,764		i
	MUD	PROPER	TY SPECIF	CATION	s		MUD VO	LUME (BI	BL)	ı	PUMP #	1	PUN	/IP #2		RISE	R BO	OST	ER
Weight	PV	YP	GELS	рН	API fl	% Solids	In Pits	75	i0 bbl	Liner S	Size	6 Lii	er Size	6	3	Liner	Size		
8.4-9.6	0-10	0-10	<5 <10	8.4-9	<25	2-10	In Hole	57	3 bbl	Strok	ie	12	troke	1:	2	Strol	ке		
						4/29/20	Active	132	23 bbl	bbl/s	tk (	0.0997	bl/stk	0.09	997	bbl/s	stk	0.00	000
Time Sample	Taken					2:00	Storage	)		stk/m	nin	98 s	tk/min	9	8	stk/n	nin		
Sample Locati	on					suction	Tot. on Loc	cation 132	23 bbl	gal/m	nin	410	al/min	41	10	gal/n	nin	0	)
Flowline Temp	erature °F					90 °F		PHHP = 84	14		CIRC	ULATION I	ATA		I	n = 0.	737 K	= 15	5.441
Depth (ft)						2,800'	Bit I	Depth = 3,	000 '		Wa	shout = 5%	)	F	Pump E	Efficie	ncy = 9	95%	
Mud Weight (p	pg)					9.2	Drill String	Volum	e to Bit	48.5	bbl	Strokes To	Bit 4	87	Т	ime T	o Bit	2 m	nin
Funnel Vis (se	c/qt)		@ 80 °F			34	Disp.	Bottoms l	Jp Vol.	524.9	bbl B	ottomsUp St	ks 5,	266	Bottom	nsUp T	Γime	27 n	nin
600 rpm						5	29.0 bbl	Riser Ar	n. Vol.	35.3	bbl	Riser Strok	es 3	54	Riser	Circ.	Γime	2 m	nin
300 rpm						3		DRILLIN	IG AS	SEMBLY	/ DATA			S	OLIDS	CON	TROL		
200 rpm					2	Tubulars	OD (in.)	ID	(in.)	Length	n Top		Unit		Scree	ens	Ηοι	ırs	
100 rpm	0 rpm 0 rpm 0 rpm 6 rpm 3 rpm astic Viscosity (cp) eld Point (lb/100 ft²) T0 =					1	Drill Pipe	5.000	4.	276	2,479	0'	s	Shaker	1	140-	80	12.	.0
6 rpm	nnel Vis (sec/qt) @ 0 rpm 0 rpm 0 rpm 0 rpm 6 rpm 3 rpm astic Viscosity (cp) @ eld Point (lb/100 ft²) T0 = el Strength (lb/100 ft²) 10 sec/ el Strength (lb/100 ft²)					1	Hevi Wt	5.000	3.	000	399'	2,479	s	Shaker	2	140-	80	12.	.0
3 rpm	O rpm O rpm O rpm O rpm So rpm					1	Dir. BHA	8.000	2.	875	122'	2,878	S	Shaker	3	140-	80	12.	.0
Plastic Viscosi	O rpm O rpm O rpm O rpm O rpm So rpm					2						3,000	Ce	entrifug	je 1			12.	.0
Yield Point (lb/	/100 ft²)	T0 = 1			1		CASI	NG & I	HOLE D	ATA		Drye	er Shal	ker 3			12.	.0	
Gel Strength (l	lb/100 ft²)	10	sec/10 min			1/2	Casing	OD (in.)	ID	(in.)	Depth	Тор	1	Desilte	er			12.	.0
Gel Strength (I	lb/100 ft <sup>2</sup> )		30 min			4	Riser	20	19	.000	108'		٧	OLUM	IE ACC	OUN	TING (	(bbl:	s)
API Filtrate / C	ake Thick	ness				25/1	Surface					108'	F	Prev. T	otal on	Loca	ition		0.0
HTHP Filtrate	/ Cake Thi	ckness	@ 0 °F				Int. Csg.					108'	Т	ransfe	rred In	(+)/O	ut(-)		
Retort Solids (	Content					6.4%	Washout 1								Oil A	Addec	d (+)		0.0
Retort Oil Con	tent						Washout 2							E	Barite /	Addec	d (+)		0.0
Retort Water 0	Content					93.6%	Oper	n Hole Size	e 14	.175	3,000	,	Ot	her Pr	oduct l	Jsage	e (+)		3.1
Sand Content						1%	ANI	NULAR G	ЕОМЕ	TRY & I	RHEOL	OGY		٧	Nater A	Addec	d (+)	25	0.00
M.B.T. (Methy	lene Blue (	Capacity)	(ppb)				annular	r m	eas.	veloc	eity flo	w ECD		Let	ft on C	utting	s (-)	-3	51.3
pН						8.8	section		epth	ft/mi	,		No	n-Rec	overab	le Vo	l. (-)		
Alkalinity, Mud	l Pm					0.1	19x5	1	108'	59.8	B la	m 10.95			Disch	narge	d (-)	-8	25.4
Alkalinities, Fil	trate Pf/Mf	:				0.1/0.2	14.175x	5 2,	,479'	114.	.3 tu	rb 10.21		Est. T	otal on	Loca	ition	13	26.3
Chlorides (mg/	/L)					400	14.175x	5 2,	,878'	114.	.3 tu	rb 10.99	Es	st. Loss	ses/Ga	ins (-)	)/(+)		-3.0
Calcium (ppm)	)					80	14.175x	8 3,	,000'	146.	.9 tu	rb 11.75		BIT	HYDR	AULIC	CS DA	TA	
Excess Lime (	lb/bbl)												Bit I	H.S.I.	Bit A	ΔP	Nozzles	s (32	nds)
Average Spec	ific Gravity	of Solids	<u> </u>	2.60	2.60	2.60							1.	.04	312	psi	14	14	14
Percent Low G	Bravity Soli	ds				6.4%							Bit Ir	npact	Nozz		14 1	14	14
Percent Drill S	olids					6.4%								rce	Veloc (ft/se	-	14 1	14	14
PPA Spurt / To	otal (ml) @		@ 0 °F				BIT D	ATA	Ma	anuf./Ty	pe Ul	terra/SPL6	6 76°	1 lbs	19	5			
Estimated Total	al LCM in S	System	ppb				Size	Depth In	Н	ours	Footag	e ROP ft/	nr Mo	otor/M\	WD	Calc.	Circ. F	ress	sure
Sample Taken	Ву						13 1/2	108 ft	8	3.0	3,000	ft 375.0	1	,330 p	osi	:	2,184	psi	
Remarks/Reco	mmendatio	ns:		1	1		Rig Activity:	1		I.		l			I_				
1																			

OBM transfer from 3H ----- 1198 bbls --- 9.5ppg

SWEEP: Fresh water 100bbls / 2sxs SAPP / 5gal DD

Pump 20bbls every 300' and 60-80bbls every 500'.

Dump sandtrap every 500', run centrifuge and mud cleaners

while drilling /circulating

Skid Rig from 3H over to Grand Canyn A 1H. Cementing on the 3H while skid ther rig. Pick up 13.5" Bit and TIH to tag bottom. Spud In 17:00hrs 4/28/20. Drilled Surface hole with fresh water Treated with SAPP and Drilling Detergent. Maintain  $\label{eq:mudcleaning} \mbox{Mud Cleaning equipment running while drilling and or circulating. \ \mbox{Dump Sand Trap}$ every 500' to avoid accumulation of solids. Light Gombo up to surface around 1850', circulate for 15 min and resume drilling. Drilled surface hole to TD 3000' @ 03:00hrs 4/29/20. Circulate 2 Hi-Vis sweeps and start POOH to run Surface casing.

												INCLUDIN	IG 3RD PAR	TY CHARGES	\$3,550.76	\$3,550.76	
-	W F	Y 2	g 1	G 1	р 0	A 1	S 0	C 0	carefully	y and may be u	sed if the user	expressed orally or so elects, however, a recommendation of	no representation	nas been prepared on is made as to the	\$3,550.76	\$3,550.76	
	Phon	e: 3	861-94	15-577	77	Pł	none:	956-8	321-9994	Phone:	-	Phone:	-	-			
	Eng.	1: M	like W	ashbu	urn	Er	ng. 2:	Adolf	o Roman	WH 1:	WH #1	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost	ı

ALLMINOM TRISTEAPATE 209 at \$162.83 38 38 38 38 38 38 38 38 38 38 38 38 3	Date <b>04/29/20</b>	Operator <b>MAGI</b>	NOLIA OIL	& GAS	Well Name a GRANI	nd No. D CANYON	A - 1H	Rig Name an	d No. <b>18</b>	Report No. <b>Repo</b>	ort #1
March   Marc										1	
ALLADAMACI (1905) 25 Au 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Item	Unit	Unit Cost	Previous Inventory	Received	Closing		Daily Cost			Cum Cost
PRIVALED DIPAP  PRIVACET  Signal  Sign	ALUMINUM TRISTEARATE	25# sk	\$162.83		38						
System   S			\$44.56					\$1,470.48			\$1,470.48
CACIZ (SIG)											\$41.36
MEW WATE ISACK BARTE)  100° 98. 311.50  BARTE BULK (100)  100° 98. 311.50	DYNADET	5 gal	\$32.23		20	16	4	\$128.92		4	\$128.92
MEW WATE ISACK BARTE)  100° 98. 311.50  BARTE BULK (100)  100° 98. 311.50											
MEW WATE ISACK BARTE)  100° 98. 311.50  BARTE BULK (100)  100° 98. 311.50											
NEW WATE (SACK SANTE) 1009 06 \$11.00   100											
BARTE BULK (1900) 1006 sk \$7.00   890   890	LIME (50)	50# sk	\$5.00		100	100					
BARTE BULK (1900) 1006 sk \$7.00   890   890											
BARTE BULK (1900) 1006 sk \$7.00   890   890											
BARTE BULK (1900) 1006 sk \$7.00   890   890											
BARTE BULK (1900) 1006 sk \$7.00   890   890											
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BARTE BULK (1900) 1006 sk \$7.00   890   890											
BARTE BULK (1900) 1006 sk \$7.00   890   890											
BARTE BULK (1900) 1006 sk \$7.00   890   890			<u> </u>		<u> </u>						<u> </u>
BARTE BULK (1900) 1006 sk \$7.00   890   890											
OPTI DRILL (OBM)  DETAIL (OBM)						l					
ENGINEERING (24 HR) each \$925.00	BARTTE BULK (100)	100# SK	\$7.00		890	890					
ENGINEERING (24 HR) each \$925.00											
ENGINEERING (24 HR) each \$925.00											
ENGINEERING (24 HR) each \$925.00											
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ENGINEERING (24 HR) each \$925.00											
ENGINEERING (24 HR) each \$925.00											
ENGINEERING (DIEM) bbl \$30.00	OPTI DRILL (OBM)	bbl	\$65.00		1237	1237					
ENGINEERING (DIEM) bbl \$30.00										<u> </u>	
ENGINEERING (DIEM) bbl \$30.00											
ENGINEERING (DIEM) bbl \$30.00											
ENGINEERING (DIEM) bbl \$30.00											
ENGINEERING (DIEM) bbl \$30.00											
ENGINEERING (DIEM) bbl \$30.00											
ENGINEERING (DIEM) bbl \$30.00			<u> </u>								
ENGINEERING (DIEM) bbl \$30.00							_				
ENGINEERING (DIEM) bbl \$30.00	ENCINEEDING (04 LP)		#00F 00				_	<b>04.050.00</b>			¢4.050.00
ENGINEERING (MILES)											\$1,850.00 \$60.00
TRUCKING (cwt)								Ψ00.00			Ψ00.00
TRUCKING (min)	, ,										
TRUCKING (min)											
PALLETS (ea)											
SHRINK WRAP (ea) each \$12.00	INDUNING (IIIII)	each	\$795.00								
SHRINK WRAP (ea) each \$12.00	PALLETS (ea)	each	\$12.00								
Daily Sub-Total \$3 550 76 Cumulative Total \$3 550 76 \$3 550 76		each									
			Daily S	ub-Total ¢1	3.550.76	Cumulat	ive Total ¢	3,550.76		\$2.5¢	50.76

Date	Operator			Well Name a	nd No.		Rig Name an	d No.	Report No.	
04/29/20	MAGN	NOLIA OIL	& GAS	GRANI	CANYON	I A - 1H	24	18	Repo	ort #1
	DAILY	USAGE 8	COST						CUMUI	_ATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel Transfer from 3H	gal	\$0.91		7401	7401					
								I		
						i		•		
	Cum	ulative Tota	al AES & 3rd	d Party \$3,	550.76					

0' TVD

110 Old Market St. St Martinville, LA 70582

### **OUTSOURCE FLUID SOLUTIONS LLC.**

TEL: (337) 394-1078

0.0°

	NOLIA C	OIL & G	SAS		TTERS	ON		Block	١		rt Date 29/20	24 hr f	0 ft			oth 1000 1	ft
Well Name and No	ID CANY	ON A	- 1H	Rig Name an	nd No. 248		State TI	EXAS		Spud Date <b>04/</b>	28/20	Currer	ot ROP  Oft/hr		ctivity Nagil	e Up	/Test
Report for				Report for			Field / OCS-G #			Fluid Type		Circula	ating Rate		rculating	-	
JAMES [	OYER / B	BOBBY	GWIN	То	ol Pusi	ner	GID	DINGS		0	ВМ		0 gpm			psi	
	MUD F	PROPER	TY SPECIF	ICATION	S	ı	MUD VO	LUME (BB	L)	PU	MP #1		PUMP #2		RISER	B00	STER
Weight	PV	ΥP	E.S.	CaCl2	GELS	HTHP	In Pits			Liner Size	e 6	Line	r Size (	6 L	iner Si	ze	
9.3-10.2	8-20	5-12	>300	±250K	<10 <25	<10	In Hole	278	bbl	Stroke	1:	2 Str	oke 1	2	Stroke		
				4/30/20			Active	01	obl	bbl/stk	0.09	997 bb	l/stk 0.0	997	bbl/stk	0	.0000
Time Sample	Taken			1:00			Storage	959	<u>bbl</u>	stk/min	C	) stk	/min (	)	stk/mir	1	
Sample Locati	ion			No Mud			Tot. on Lo	cation 123	7 bbl	gal/min	C	) gal	l/min (	)	gal/mir	1	0
Flowline Temp	perature °F							PHHP = 0		(	CIRCUL	ATION DA	ATA				
Depth (ft)							E	Bit Depth =	'		Wash	out = 5%		Pump E	fficien	cy = 95	5%
Mud Weight (բ	opg)						Drill String	Volume	to Bit	0.0 bbl	Str	okes To Bit	t	Ti	me To	Bit	
Funnel Vis (se	ec/qt)		@ 0 °F				Disp.	Bottoms U	p Vol.	0.0 bbl	Botto	msUp Stks	i	Bottom	sUp Tir	ne	
600 rpm							0.0 bbl	Riser Anr	ı. Vol.	0.0 bbl	Ri	ser Strokes		Riser (	Circ. Tir	ne	
300 rpm								DRILLING	S ASS	EMBLY D	DATA		s	OLIDS	CONT	ROL	
200 rpm							Tubulars	OD (in.)	ID	(in.) L	ength.	Тор	Unit	;	Screer	ıs F	lours
100 rpm											0'	0'	Shaker	1	140-80	)	
6 rpm												0'	Shaker	2	140-80	)	
3 rpm												0'	Shaker	3	140-80	)	
Plastic Viscos	ity (cp)		@ 150 °F									0'	Centrifug	je 1			
Yield Point (lb.	/100 ft²)		T0 =					CASIN	G & F	IOLE DAT	ΓΑ		Dryer Sha	ker 3			
Gel Strength (	(lb/100 ft²)	10	sec/10 min				Casing	OD (in.)	ID	(in.) [	Depth	Тор	Desilte	er			
Gel Strength (	lb/100 ft <sup>2</sup> )		30 min				Riser	20			108'		VOLUM	IE ACC	OUNT	ING (b	bls)
HTHP Filtrate	(cm/30 min	n)	@ 250 °F				Surface	10 3/4	9.9	950 3	3,000'	108'	Prev. T	otal on	Locati	on	1323.4
HTHP Cake T	hickness (3	32nds)					Int. Csg.					108'	Transfe	erred In(	+)/Out	(-)	1237.0
Retort Solids (	Content						Washout 1							Oil A	dded (	+)	0.0
Corrected Sol	ids (vol%)						Washout 2							Barite A	dded (	+)	0.0
Retort Oil Con	ntent						Oper	n Hole Size	0.0	000 3	3,000'		Other Pr	oduct L	Isage (	+)	0.0
Retort Water (	Content						AN	NULAR GE	OME	TRY & RH	EOLOG	Υ	\	Nater A	dded (	+)	
O/W Ratio							annula	r me	as.	velocity	flow	ECD	Le	ft on Cu	ıttings	(-)	0.0
Whole Mud C	hlorides (m	g/L)					section	n de	pth	ft/min	reg	lb/gal	,	WBM D	ischar	ge -	1323.2
Water Phase	Salinity (pp	m)															
Whole Mud Al	lkalinity, Po	m											Est. T	otal on	Locati	on	1237.2
Excess Lime (	(lb/bbl)												Est. Los	ses/Gai	ns (-)/(	+)	0.0
Electrical Stab	oility (volts)												ВІТ	HYDRA	ULICS	DAT	4
Average Spec	ific Gravity	of Solids	S										Bit H.S.I.	Bit Δ	P N	ozzles	(32nds)
Percent Low (	Gravity Solid	ds															
ppb Low Grav	ity Solids												Bit Impact	Nozz Veloc	-		
Percent Barite	)												Force	(ft/se			
ppb Barite							BIT D	ATA	Ма	nuf./Type							
Estimated Tot	al LCM in S	System	ppb				Size	Depth In	Но	ours Fo	ootage	ROP ft/hr	Motor/M	WD (	Calc. C	irc. Pr	essure
Sample Taker	n By			A. Roman	0	0											
Remarks/Reco	mmendation	ns:					Rig Activity:										
OBM REC	EIVED	123	37 bbls														
OBM ON I	HAND	123	37 bbls (9.5	ippg)									<i>r</i> ith no issu full returns				
OBM DAIL	Y GAIN /	LOSS ·	(00)				open top disposal system.	tank for d . Clean pit	ispos s fron repoi	al. Trans n WBM ai rt continue	sfer all \ nd mak e with N	NBM fron e prepara lipple Up	pack up to a n active system atios to tran BOP's ope	stem to sfer O	stora BM to	ge tar active	nks for
Eng 1: M	ike Washbui	rn F	ng. 2: Adolf	n Roman	WH 1:	MIDLA	ND '	WH 2:	WH #	2	Rig Phor	ne.	Daily Total	1	Cum	ulative	Cost
3	61-945-5777 E C		_	321-9994 Any opir	Phone:	432-686	-7361 P	hone: d orally or wri	- tten he	rein, has bee	en prepar	ed	\$3,437.83			,988.5	
0 2 2	0 2	1 1	1 1				user so elects his is a recomn			entation is m	naue as to	une en					

**INCLUDING 3RD PARTY CHARGES** 

\$3,437.83

\$6,988.59

ALLMANUM TRISTEARATE  20 at 8 1902 80 80 30 30 4 30 4 5 4 5 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Item ALUMINUM TRISTEARATE SAPP (50) PHPA LIQUID (pail)		USAGE 8	COST				•			
No.   Unit   Unit Code   Performance   Performance   Cacinary	ALUMINUM TRISTEARATE SAPP (50) PHPA LIQUID (pail)										
March   Color   December   Processor   Processor   March   December   Decem	ALUMINUM TRISTEARATE SAPP (50) PHPA LIQUID (pail)	Unit		Dravious		Clasina	Doily		ŀ		
ALADHOLOGY   PROSERVANT	SAPP (50) PHPA LIQUID (pail)		Unit Cost		Received		-	Daily Cost			Cum Cost
\$400 00	PHPA LIQUID (pail)	25# sk	\$162.83						ŀ	<u>-</u>	
PRIVALED (1988)  POYABOT  S 909   \$41.38   50 0   10   1   4   512.05    CACID (1990)  S 904   \$40.00   11   10   150   200    SENTING \$10.00   50.00   \$50.00   \$50.00   10   10   10   10    SENTING \$10.00   50.00   \$50.00   \$50.00   10   10   10   10    SENTING \$10.00   50.00   \$50.00   \$50.00   10   10   10   10    SENTING \$10.00   50.00   \$50.00   \$50.00   10   10   10   10    SENTING \$10.00   50.00   \$50.00   \$50.00   \$50.00   10   10   10   10    SENTING \$10.00   50.00   \$50.00   \$50.00   \$50.00   10   10   10   10    SENTING \$10.00   50.00   \$50.00	PHPA LIQUID (pail)									33	\$1,470.48
CACLE (58)  SOF 94  STATE OF 12 STATE OF 1	DYNADET	5 gal	\$41.36	59		59				1	\$41.36
LIMBE 1509		5 gal	\$32.23	16		16				4	\$128.92
LIMBE 1509											
LIMBE 1509											
LIMBE 1509											
BRYTOMS 900 (20)  SOF 34 SEASO 40 40 40 1											
BENTONS 690 (89)				100							
OPTI - G											
GPTT-MUL.  gl											
OPT1 - WET											
NEW PHATT									ŀ		
NEW CARE NO.									ŀ		
MAGMARTIBER F (26)  259 84  54.75  50 80  80  80  80  80  80  80  80  80  80									ŀ		
OL SORB (23)  259 84  54.75  80  80  80  80  80  80  80  80  80  8								-	ŀ		
NEW WATE (SACK BARITE) 100# sk S11.00 10.0 10.0 10.0 10.0 10.0 10.0 10	IVIA OIVIALIDER F (20)	25# SK	φ∠0.∪5		90	90			ŀ		
NEW WATE (SACK BARITE) 100# sk S11.00 10.0 10.0 10.0 10.0 10.0 10.0 10	OIL SORB (25)	25# ck	\$4.75		٩n	80			ŀ		
BARITE BULK (100)		20# 31	Ψ+.13		00	- 50			ŀ		
BARITE BULK (100)								1			
BARITE BULK (100)									ŀ		
BARITE BULK (100)									ŀ		
BARITE BULK (100)	NEW WATE (SACK BARITE)	100# sk	\$11.50	160		160		İ	ŀ		
		+						İ	ŀ		
ENGINEERING (24 HR) each \$925.00											
ENGINEERING (24 HR) each \$925.00									ľ		
ENGINEERING (24 HR) each \$925.00									ļ		
ENGINEERING (24 HR) each \$925.00											
ENGINEERING (24 HR) each \$925.00											
ENGINEERING (24 HR) each \$925.00											
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ENGINEERING (24 HR) each \$925.00									ŀ		
ENGINEERING (24 HR) each \$925.00									ŀ		
ENGINEERING (24 HR) each \$925.00	OPTI DRILL (OBM)	bhl	\$65.00	1237		1237		1	ŀ		
ENGINEERING (DIEM) bbl \$30.00	( - 2 · · · )	551	\$55.00	.201		.207		<u> </u>			
ENGINEERING (DIEM) bbl \$30.00									ŀ		
ENGINEERING (DIEM) bbl \$30.00									ŀ		
ENGINEERING (DIEM) bbl \$30.00									ŀ		
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ENGINEERING (DIEM) bbl \$30.00								<u> </u>	ľ		
ENGINEERING (DIEM) bbl \$30.00									ļ		
ENGINEERING (DIEM) bbl \$30.00											
ENGINEERING (DIEM) bbl \$30.00											
ENGINEERING (MILES) each \$1.00		each							[		
TRUCKING (cwt) each \$2.65 359 \$951.83 TRUCKING (min) each \$795.00 512.00							2	\$60.00		4	\$120.00
TRUCKING (min) each \$795.00	ENGINEERING (MILES)	each	\$1.00					ļ			
TRUCKING (min) each \$795.00											
TRUCKING (min) each \$795.00	TRUCKING ()		4-					**			*
PALLETS (ea) each \$12.00 24 \$288.00 24 \$288.00 24 \$288.00 24 \$288.00 24 \$288.00 24 \$288.00 24 \$288.00 24 \$288.00 25 \$288.00 26 \$288.00 27 \$288.00 28 \$288.00							359	\$951.83		359	\$951.83
SHRINK WRAP (ea) each \$12.00 24 \$288.00 24 \$288.00	I KUUKING (MIN)	each	\$795.00					-			
SHRINK WRAP (ea) each \$12.00 24 \$288.00 24 \$288.00	DALLETO (a-1)		010 ==					0000 00			#000 a -
Daily Sub-Total \$3,437.83	OHIMIN WKAP (ea)	each	\$12.00				24	<b>ა∠</b> 88.00		24	ֆ∠ၓၓ.U0
***************************************			Daily S	ub-Total \$3	,437.83	Cumulat	ive Total	6,988.59		\$6.9	88.59

Date	Operator			Well Name a	nd No.		Rig Name an	d No.	Report No.	
04/30/20	MAGN	NOLIA OIL	& GAS	GRANI	CANYON	I A - 1H	24	48	Repo	rt #2
0 1,00,20										
	DAILY	USAGE 8	& COST						CUMUI	_ATIVE
	ī	ī		ī	I		ı			
Item	Unit	Unit Cost	Previous	Received	Closing	Daily	Daily Cost		Cum	Cum Cost
item	Offic	Offic Cost	Inventory	Neceivea	Inventory	Usage	Daily Cost		Usage	Cuill Cost
Diesel Transfer from 3H	gal	\$0.91	7401		7401					
	-	·								
	-					1				
	Cum	ulative Tota	al AES & 3rd	d Party \$6.9	988.59					

3,186' TVD

### **OUTSOURCE FLUID SOLUTIONS LLC.**

TEL: (337) 394-1078

0.0°

		ON	_		ON			24 hr ft	186 ft			86 ft	
Rig Name ar	nd No. <b>248</b>		State <b>TE</b>	EXAS		Spud Date <b>04/2</b>	28/20				•	g Int	er.
Report for	ool Duel	hor	Field / OCS-G #	DINGS		Fluid Type	RM		-		_		·i
		ilei								-		-	
		НТНР		`				Line					
													ļ
5/1/20		4/30/20	Active			bbl/stk					bbl/stk	0.0	000
2:00		14:00	Storage	• <u>12</u>	259 bbl	stk/min	83	stk	min 8	3	stk/min		
suction		pit	Tot. on Loc	cation 2	172 bbl	gal/min	292	gal,	min 29	92	gal/min	(	0
				PHHP = 7	702	C	IRCULA	TION DA	TA	n	= 0.667	K = 13	35.006
3,000'		3,000'	Bit I	Depth = 3	3,186 '		Washo	ut = 5%	1	Pump E	fficiency	= 95%	6
9.6		9.5	Drill String	Volur	ne to Bit	51.1 bbl	Stro	kes To Bit	611	Tir	me To Bit	4 r	min
58		45	Disp.	Bottoms	Up Vol.	206.9 bbl	Botton	nsUp Stks	2,470	Bottoms	sUp Time	15	min
27		26	39.5 bbl	Riser A	ınn. Vol.	-2.6 bbl	Rise	er Strokes	-31	Riser C	Circ. Time	0 r	min
17		16		DRILLI	NG ASS	SEMBLY D	ATA		S	OLIDS	CONTRO	DL	
14		12	Tubulars	OD (in.	) ID	(in.) Le	ength	Тор	Unit	5	Screens	Но	urs
10		9	Drill Pipe	5.000	4.	276 2,	605'	0'	Shaker	1	140-80	2	.0
5		4	Hevi Wt	6.000	3.	000 2	277'	2,605'	Shaker	2	140-80	2	.0
4		3	Dir. BHA	7.750	2.	875 3	304'	2,882'	Shaker	3	170-80	2	.0
F 10		10						3,186'	Centrifug	je 1			ļ
3 7		6		CAS	ING & I	HOLE DAT	A		Dryer Sha	ker 3			ļ
n 4/7		3/5	Casing	OD (in.	) ID	(in.) D	epth	Тор	Desilte	er			
n 10		6	Riser	20		1	108'		VOLUM	IE ACC	OUNTIN	G (bb	ls)
F 12.0		12.0	Surface	10 3/4	9.	950 3,	000'	108'	Prev. T	otal on	Location	12	237.1
2.0		2.0	Int. Csg.					108'	Transfe	rred In(	+)/Out(-)	Ç	934.0
11%		11%	Washout 1							Oil A	dded (+)		6.5
9%		9%	Washout 2						I	Barite A	dded (+)		0.0
65%		66%	Oper	n Hole Siz	ze 10	.369 3,	186'		Other Pr	oduct U	sage (+)		4.8
24%		23%	ANI	NULAR (	SEOME	TRY & RHE	OLOG	1	١	Water A	dded (+)		0.2
73:27		74:26				velocity	flow	ECD	Le	ft on Cu	ttings (-)		-10.7
50,000		51,000	section	) (	depth	ft/min	reg	lb/gal					ļ
246,241		257,998	0x5		108'	-572.4		9.82					ļ
2.0		1.5	9.95x5	2	2,605'	193.4	lam	9.97	Est. T	otal on	Location	2	172.0
2.6 ppb		2 ppb	9.95x6	2	2,882'	227.2	turb	10.19	Est. Los	ses/Gai	ns (-)/(+)		0.0
420 v		450 v	9.95x7.7	<b>7</b> 5 3	3,000'	367.5	turb	10.43	BIT	HYDRA	ULICS	DATA	
3.19		3.06	10.369x7.	.75 3	3,186'	301.6	turb	10.64	Bit H.S.I.	Bit ∆l	P Noz	zles (3	2nds)
4.7%		5.3%							0.73	165 p	si 14	14	14
39 ppb		44 ppb							Bit Impact			14	14
4.3%		3.7%							Force		-	14	14
62 ppb		53 ppb		ı		<del>- 1</del>			402 lbs	1			
			Size	•									
A. Roman	0	M Washburn	9 7/8	3,000 f	t í	1.0	86 ft	186.0	1,330 բ	osi	2,04	5 psi	
F ii ii	Rig Name at Report for TC CIFICATION  CaCl2 ±250K 5/1/20 2:00 suction 3,000' 9.6 F 58 27 17 14 10 5 4 10 3 7 11 10 2F 10 3 7 11 10 2F 12.0 2.0 11% 9% 65% 24% 73:27 50,000 246,241 2.0 2.6 ppb 420 v 3.19 4.7% 39 ppb 4.3% 62 ppb	Rig Name and No.  248  Report for  TOOI Pusi  CaCl2 GELS  ±250K <10 <25  5/1/20  2:00  suction  3,000'  9.6  F 58  27  17  14  10  5  4  10  5  4  10  2F 10  2.0  11%  9%  65%  24%  73:27  50,000  246,241  2.0  2.6 ppb  420 v  3.19  4.7%  39 ppb  4.3%  62 ppb	Report for   Tool Pusher	Rig Name and No.   248	Rig Name and No.   248   TEXAS	Rig Name and No.   248   TEXAS	Report for	Report for	Per	Report list   TEXAS   Sput Date   Date	Page   Page	Description	Page   Control   Page   Page   Control   Page   Control   Page   Control   Page   Page   Control   Page   Control   Page   Page   Page   Control   Page   Page   Control   Page   Page   Page   Control   Page   Control   Page   Page   Page   Page   P

Remarks/Recommendations:

OBM RECEIVED -----2172 bbls

OBM ON HAND ------ 2172 bbls (9.5ppg)

OBM DAILY GAIN / LOSS ----- (00)

Rig Activity:

Transfer OBM from storage to active system. Receive OBM from Newpark plant in Madisonville, 934bbl 9.5#. Completed testing on BOP's, Pick up new BHA for intermediate drilling 9 7/8" hole. Wait on repairs (Pason / Hydrulics). TIH and tag top of float collar. Install Rotating head and start drilling shoe track + 10' of new formation. Perform FIT test to 11.6EMW 307psi. Increase pump rate to 730gpm and Resume drilling operations on Intermediate section.

En	g. 1:	Mi	ke W	ashbu	ırn	En	g. 2:	Adolf	Roman	WH 1:	MIDLA	ND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Ph	one:	30	61-94	5-577	77	Ph	one:	956-8	21-9994	Phone:	432-686	-7361	Phone:	-			
W 1	P 1	Y 1	E 1	C 1	g 1	G 1	H 2	O 1	carefully	and may be	used if the	user so		no representati	nas been prepared on is made as to the	\$5,839.90	\$12,828.49
-									•	•		•	INCLUDIN	NG 3RD PAR	TY CHARGES	\$5,839.90	\$12,828.49

Date <b>05/01/20</b>	Operator MAGI	NOLIA OIL	& GAS	Well Name a GRANI	CANYON	A - 1H	Rig Name and 24		ort #3
	DAILY	USAGE 8	COST					CUMU	LATIVE
			Previous		Closing	Daily		Cum	
ltem	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost	Usage	Cum Cos
ALUMINUM TRISTEARATE	25# sk	\$162.83	38		38				
SAPP (50)	50# sk	\$44.56	22		22			33	\$1,470.4
PHPA LIQUID (pail)	5 gal	\$41.36	59		59			1	
DYNADET	5 gal	\$32.23	16		16			4	• •
SHADET	o gai	Ψ02.20	10		10			-	Ψ120.0
CACL2 (50)	50# sk	\$14.32	280		260	20	\$286.40	20	\$286.4
LIME (50)	50# sk	\$5.00	250		230	20	\$100.00	20	\$100.0
BENTONE 910 (50)	50# sk	\$59.40	40		40		,	-	
BENTONE 990 (50)	50# sk	\$83.59	40		40				
OPTI - G	50# sk	\$30.59	200		200				
OPTI - MUL					<b>.</b>	150	\$1,612.50	150	¢1 610 F
	gal	\$10.75	1100		950	150		150	
OPTI - WET	gal	\$8.34	825		700	125		125	
NEW PHALT	50# sk	\$38.72	200		190	10	\$387.20	10	
NEW CARB (M)	50# sk	\$5.25	180		170	10	\$52.50	10	
MAGMAFIBER F (25)	25# sk	\$28.05	96		80	16	\$448.80	16	\$448.8
OIL SORB (25)	25# sk	\$4.75	80		80				
·									
								<u> </u>	<del>                                     </del>
NEW WATE (SACK BARITE)	100# sk	\$11.50	160		160				
BARITE BULK (100)	100# sk	\$7.00	890		890				
	100# 31	ψ1.00	330		330			<del>                                     </del>	<del>                                     </del>
									-
								<del></del>	
	<del></del>				1			<del> </del>	<del>                                     </del>
								<u> </u>	
								<u> </u>	1
				<u> </u>					L
OPTI DRILL (OBM)	bbl	\$65.00	1237	934	2171				
· · · · · · · · · · · · · · · · · · ·									
	<del>-  </del>							<del>                                     </del>	<del>                                     </del>
	+							<del>                                     </del>	1
								<u> </u>	1
								<u> </u>	
					T				
	1								
ENOINEEDING (04115)		0000					m4 0====		<b>05</b>
ENGINEERING (24 HR)	each	\$925.00			ļļ	2		6	
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00	6	\$180.0
ENGINEERING (MILES)	each	\$1.00							
	each	\$2.65						359	\$951.8
FRUCKING (cwt)	eacii	\$795.00						339	ψ301.0
TRUCKING (cwt) TRUCKING (min)	each			•				<u> </u>	1
FRUCKING (cwt) FRUCKING (min)	each	\$795.00							
TRUCKING (min) PALLETS (ea)	each each	\$12.00						24	
								24 24	

Date	Operator			Well Name a	nd No.		Rig Name an	d No.	Report No.	
05/01/20	MAGN	NOLIA OIL	& GAS	GRANI	CANYON	I A - 1H	24	48	Repo	ort #3
35,6.7,23										
	DAILY	USAGE 8	& COST						CUMUL	_ATIVE
Item	Unit	Unit Cost	Previous	Received	Closing	Daily	Daily Cost		Cum	Cum Cost
itom	Offic	Offic Cost	Inventory	Neceivea	Inventory	Usage	Daily Cost		Usage	Cuill Cost
Diesel Transfer from 3H	gal	\$0.91	7401		7401					
	J									
	_			_						
									<b></b>	
	=	=								
	Cum	ulative Tota	I AES & 3rd	Party \$12,	828.49					
						ı				

FLUID VOLUME ACCOUNTING

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: Well Name: MAGNOLIA OIL & GAS

248

GRAND CANYON A - 1H

					WEEK 1				I			WEEK 2				I			WEEK 3			
	Date	5/1/20	5/2/20	5/3/20	5/4/20	5/5/20	5/6/20	5/7/20	5/8/20	5/9/20	5/10/20	5/11/20	5/12/20	5/13/20	5/14/20	5/15/20	5/16/20	5/17/20	5/18/20	5/19/20	5/20/20	5/21/20
		Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu
	Bit Size	9 7/8																				
Grand	Starting Depth	3,000	3,186																			
Totals	Ending Depth	3,186																				
	Footage Drilled	186	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	New Hole Vol.	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Starting System Volume	2,171	2,172	2,172	2,172	2,172	2,172	2,172	2,172	2,172	2,172	2,172	2,172	2,172	2,172	2,172	2,172	2,172	2,172	2,172	2,172	2,172
5	Chemical Additions	5	,			ŕ			ŕ	,		,	,	,	,	ŕ	,	ŕ		,	ŕ	,
	Base Fluid Added	7																				
-	Barite Increase	-																				
	Weighted Mud Added	-																				
_	Slurry Added	-																				
_	Water Added	-																				
_	Added for Washout																					
11	Total Additions	11	_	_	-	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
	Surface Losses																					
<u> </u>	Formation Loss	-																				
	Mud Loss to Cuttings	11																				
- ''	Unrecoverable Volume	- ''																				
-	Centrifuge Losses	-																				
-	Centinuge Losses	_																				
11	Total Losses	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Mud Transferred Out	-																				
2,172	Ending System Volume	2,172	2,172	2,172	2,172	2,172	2,172	2,172	2,172	2,172	2,172	2,172	2,172	2,172	2,172	2,172	2,172	2,172	2,172	2,172	2,172	2,172
-	Mud Recovered	-																				
	L			C	omment	s:					С	omment	s:					С	omment	s:		
						<del>.</del>							<del>-</del>									
		5/1/20			track. FIT MW 9.7pp	11.6EMW.	Resume d	rilling on	5/8/20							5/15/20						
	7																					
2,171		5/2/20							5/9/20							5/16/20						
		5/3/20							5/10/20							5/17/20						
		5/4/20							5/11/20							5/18/20						
		5/5/20							5/12/20							5/19/20						
		5/6/20							5/13/20							5/20/20						

TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

**OUTSOURCE FLUID SOLUTIONS LLC.** 

4.8° 8,478' TVD

Operator  MAGI  Well Name and No.	NOLIA	OIL & C	GAS	Contractor  PA  Rig Name ar	TTERS	ON	County / Parish / WASH	Block	N	Engineer Sta  04/ Spud Date	1 Date 29/20	24 hr	5,414 ft		illed Depth  8,6	00 ft	
	ID CAN	YON A	- 1H	itig ivaille ai	248			EXAS		i i	28/20	Curren	246 ft/hr		DRIL	LIN(	G
Report for				Report for			Field / OCS-G #			Fluid Type		Circul	ating Rate	Ci	rculating Pro	essure	
JAMES D	OYER /	BOBB	Y GWIN	То	ol Pusi	ner	GID	DINGS	<u> </u>	С	ВМ		753 gpm	1	3,32	7 ps	și
	MUD	PROPER	RTY SPECIF	ICATION	S		MUD VO	LUME (B	BL)	PU	MP #1		PUMP #2		RISER E	OOS	TER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	84	44 bbl	Liner Size	e 5.	5 Line	r Size 5	.5 L	iner Size		
9.3-10.2	8-20	5-12	>300	±264K	<10 <25	<10	In Hole	73	34 bbl	Stroke	12	2 Str	oke 1	2	Stroke		
				5/2/20		5/1/20	Active	15	78 bbl	bbl/stk	0.08	337 bb	l/stk 0.0	837	bbl/stk	0.0	0000
Time Sample	Taken			2:00		11:30	Storage	e <u>73</u>	34 bbl	stk/min	10	7 stk	/min 10	07	stk/min		
Sample Locati	ion			suction		pit	Tot. on Loc	cation 23	312 bbl	gal/min	37	6 ga	/min 3	76	gal/min	(	0
Flowline Temp	erature °	F		155 °F		138 °F	F	PHHP = 14	461	(	CIRCUL	ATION DA	ATA .	r	= 0.642	K = 23	33.310
Depth (ft)				8,100'		5,942'	Bit I	Depth = 8	,600 '		Washo	out = 0%	I	Pump E	fficiency	= 95%	6
Mud Weight (p	opg)			9.7		9.6	Drill String	Volum	ne to Bit	147.3 bb	ol Stro	okes To Bit	1,759	Ti	me To Bit	8 r	min
Funnel Vis (se	ec/qt)		@ 130 °F	50		52	Disp.	Bottoms	Up Vol.	586.5 bb	Botto	msUp Stks	7,003	Bottom	sUp Time	33	min
600 rpm				39		38	74.9 bbl	Riser A	nn. Vol.	-2.6 bbl	Ris	ser Strokes	-31	Riser (	Circ. Time	0 r	min
300 rpm				25		24		DRILLI	NG ASS	SEMBLY D	DATA		s	OLIDS	CONTRO	)L	
200 rpm				20		16	Tubulars	OD (in.)	) ID	(in.) L	ength.	Тор	Unit	:	Screens	Но	ours
100 rpm				15		13	Drill Pipe	5.000	4.	276	3,019'	0'	Shaker	1	140-80	24	4.0
6 rpm				7		7	Hevi Wt	6.000	3.	000	277'	8,019'	Shaker	2	140-80	24	4.0
3 rpm				6		6	Dir. BHA	7.750	2.	875	304'	8,296'	Shaker	3	140-80	24	4.0
Plastic Viscos	ity (cp)		@ 150 °F	14		14						8,600'	Centrifug	ge 1		6	6.0
Yield Point (lb.	/100 ft²)		T0 = 5	11		10		CAS	ING & I	HOLE DAT	ΓΑ						
Gel Strength (	lb/100 ft²)	10	) sec/10 min	6/10		5/7	Casing	OD (in.)	) ID	(in.)	Depth	Тор					
Gel Strength (	lb/100 ft <sup>2</sup> )	)	30 min	14		9	Riser	20			108'		VOLUM	IE ACC	OUNTIN	G (bb	ls)
HTHP Filtrate	(cm/30 m	in)	@ 250 °F	6.0		8.0	Surface	10 3/4	9.	950	3,000'	108'	Prev. T	otal on	Location	2	172.0
HTHP Cake T	hickness	(32nds)		2.0		2.0	Int. Csg.					108'	Transfe	erred In(	+)/Out(-)		
Retort Solids (	Content			11%		11%	Washout 1							Oil A	dded (+)	,	199.5
Corrected Soli	ids (vol%)	)		8.7%		8.8%	Washout 2							Barite A	dded (+)		0.0
Retort Oil Con	itent			64%		63%	Oper	n Hole Siz	e 9.	.875 8	3,600'		Other Pr	oduct L	sage (+)		17.8
Retort Water (	Content			25%		26%	ANI	NULAR G	EOME	TRY & RF	EOLOG	Υ	\	Water A	dded (+)	,	111.3
O/W Ratio				72:28		71:29	annular	r n	neas.	velocity	flow	ECD	Le	ft on Cu	ittings (-)	-′	153.9
Whole Mud Cl	hlorides (r	mg/L)		58,000		56,000	section	ı	depth	ft/min	reg	lb/gal		Eva	poration		-15.0
Water Phase	Salinity (p	pm)		266,752		252,471	0x5		108'	-738.0		9.91	Cent	rifuge D	ischarge	!	-20.0
Whole Mud Al	kalinity, P	om		1.8		2.0	9.95x5	3	3,000'	249.3	lam	10.13	Est. T	otal on	Location	23	311.7
Excess Lime (	lb/bbl)			2.3 ppb		2.6 ppb	9.875x5	5 8	3,019'	254.4	lam	10.22	Est. Los	ses/Gai	ns (-)/(+)		0.0
Electrical Stab	ility (volts	s)		457 v		410 v	9.875x6	6 8	3,296'	299.9	turb	10.42	ВІТ	HYDRA	ULICS	ATA	
Average Spec	ific Gravit	y of Solid	ls	3.29		3.12	9.875x7.	75 8	3,600'	492.6	turb	10.67	Bit H.S.I.	Bit Δ	P Noz	zles (32	2nds)
Percent Low 0	Gravity So	lids		4%		4.9%	]						1.59	276 p	osi 14	14	14
ppb Low Grav	ity Solids			33 ppb		41 ppb	1						Bit Impact	Nozz		14	14
Percent Barite	)			4.7%		3.9%	1						Force	Veloc (ft/se	-	14	14
ppb Barite				67 ppb		56 ppb	BIT D	ATA	Ma	anuf./Type	Ulterr	a/SPL613	675 lbs	178			
Estimated Tot	al LCM in	System	ppb				Size	Depth Ir	n Ho	ours F	ootage	ROP ft/hr	Motor/M	WD (	Calc. Circ	. Pres	ssure
Sample Taker	n By			A. Roman	0	M Washburn	9 7/8	3,000 ft	t 2	2.0 5	,414 ft	246.1	1,330 p	osi	3,36	0 psi	
Remarks/Reco	mmendati	ions:		1			Rig Activity:		1	1	ı		1				

OBM RECEIVED -----2172 bbls

OBM ON HAND ----- 2312 bbls (9.5ppg)

OBM DAILY GAIN / LOSS ---- (+140bbls)

SWEEP: OBM/Magmafiber 5ppb / CalCarb200 10ppb / NewPhalt 10ppb

Pump 10bbls every 300' drilled after survey or slide.

Drilling (Rotating / Sliding) ahead on intermediate 9 7/8" hole. Maintain MW 9.6 to 9.7ppg, Constant additions of Diesel and Water for dilution and to offset Evaporation. Additions of Lime for Alkalinity, CaCl2 for WPS. Fluid loss at specs with introduction of Opti G and New Phalt. Transfer OBM from storage to maintain Volume as require to replace new hole volume. No Losses at this time, Shaker Screens monitor for wear and tear, replace as needed with higher API # to assist on solids removal.

Er	ng. 1:	Mi	ke W	ashbı	urn	Er	ng. 2:	Adolf	o Roman	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Pł	none:	36	61-94	5-57	77	Ph	none:	956-8	321-9994	Phone:	432-686-7361	Phone:	-			
W 1	P 1	Y 1	E 1	C 1	g 1	G 1	H 1	O 1	carefully	and may be	ecommendation, exp used if the user so ation, and this is a re	elects, however	, no representati	nas been prepared on is made as to the	\$11,452.33	\$24,280.82
												INCLUDI	NG 3RD PAR	TY CHARGES	\$18.798.85	\$31.627.34

Date <b>05/02/20</b>	Operator <b>MAG</b> I	NOLIA OIL		Well Name a GRANI	nd No. D CANYON	A - 1H	Rig Name and 248		eport No. <b>Repo</b>	ort #4
	l .	USAGE 8		<u>-</u>						LATIVE
ltem	Unit	Unit Cost	Previous	Received	Closing	Daily	Daily Cost		Cum	Cum Cost
			Inventory	Received	Inventory	Usage	Daily Gost	L	Usage	Ouin Gost
ALUMINUM TRISTEARATE	25# sk	\$162.83	38		38					₾4 4 <b>7</b> 0 40
SAPP (50)	50# sk	\$44.56	22 59		22 59					\$1,470.48
PHPA LIQUID (pail)	5 gal	\$41.36							1	\$41.36
DYNADET	5 gal	\$32.23	16		16				4	\$128.92
CACL2 (50)	50# sk	\$14.32	260		203	57	\$816.24	_	77	\$1,102.64
LIME (50)	50# sk	\$5.00	230		180	50	\$250.00		70	\$350.00
BENTONE 910 (50)	50# sk	\$59.40	40		36	4	\$237.60	_	4	\$237.60
BENTONE 990 (50)	50# sk	\$83.59	40		40			_		4
OPTI - G	50# sk	\$30.59	200		160	40			40	. ,
OPTI - MUL	gal	\$10.75	950		825	125				\$2,956.25
OPTI - WET	gal	\$8.34	700		550	150			275	
NEW PHALT	50# sk	\$38.72	190		153	37	\$1,432.64		47	\$1,819.84
NEW CARB (M)	50# sk	\$5.25	170		150	20	\$105.00		30	\$157.50
MAGMAFIBER F (25)	25# sk	\$28.05	80		65	15	\$420.75		31	\$869.55
OIL SORB (25)	25# sk	\$4.75	80		75	5	\$23.75	-  -  -	5	\$23.75
NEW WATE (SACK BARITE)	100# sk	\$11.50	160		160			-		
BARITE BULK (100)	100# sk	\$7.00	890	920	1810			-		
BARTE BOLK (100)	100# 3K	Ψ1.00	000	320	1010					
								_		
OPTI DRILL (OBM)	bbl	\$65.00	2171		2171					
ENGINEERING (24 HR)	each	\$925.00				2	\$1,850.00	 	8	\$7,400.00
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00	<u> </u>	8	\$240.00
ENGINEERING (MILES)	each	\$1.00				2	ψ30.00		3	Ψ2-τ0.00
TRUCKING (cwt)	each	\$2.65				920	\$2,438.00		1279	\$3,389.83
TRUCKING (min)	each	\$795.00								
PALLETS (ea) SHRINK WRAP (ea)	each each	\$12.00 \$12.00							24 24	\$288.00 \$288.00
	•		ıb-Total \$1°	1,452.33	Cumulati	ve Total \$2	24,280.82		\$24,2	80.82

Date	Operator			Well Name a	nd No.		Rig Name an	id No.	Report No.	
05/02/20	MAGN	NOLIA OIL	& GAS	GRANI	CANYON	I A - 1H	24	48	Repo	rt #4
	DAILY	USAGE 8	& COST						CUMUL	ATIVE
			Б.		OI :	<b>.</b> .				
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
D: 17 ( ( 0)		00.04			,		00 70 4 04			<b>*** *** ** ** ** ** ** *</b>
Diesel Transfer from 3H	gal	\$0.91	7401			7401	\$6,734.91		7401	\$6,734.91
Diesel Delivery 5/1/20	gal	\$0.87		7423	6720	703	\$611.61		703	\$611.61
								] ,		
					Daily S	ub-Total \$7	,346.52		\$7,34	6.52
	Cum	ulative Tota	I AES & 3rd	Party \$31,	627.34					
						l				

FLUID VOLUME ACCOUNTING

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: Well Name: MAGNOLIA OIL & GAS

248

GRAND CANYON A - 1H

					WEEK 1							WEEK 2							WEEK 3			
	Date	5/1/20	5/2/20	5/3/20	5/4/20	5/5/20	5/6/20	5/7/20	5/8/20	5/9/20	5/10/20	5/11/20	5/12/20	5/13/20	5/14/20	5/15/20	5/16/20	5/17/20	5/18/20	5/19/20	5/20/20	5/21/20
		Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu
	Bit Size	9 7/8	9 7/8																-			
Grand	Starting Depth	3,000	3,186	8,600																		
Totals	Ending Depth	3,186	8,600																			
	Footage Drilled	186	5,414	-	_	-	_	_	-	-	-	_	_	_	_	-	_	_	_	_	-	_
	New Hole Vol.	18	513	_	-	_	_	_	-	-	-	-	_	_	_	_	-	-	-	-	_	-
	Starting System Volume	2,171	2,172	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312
23	Chemical Additions	5	18	2,012	2,012	2,0.2	2,012	2,012	2,012	2,012	2,012	2,012	2,012	2,012	2,012	2,012	2,012	2,012	2,0.2	2,012	2,012	2,012
	Base Fluid Added	7	199																			
-	Barite Increase	′	-																			
_	Weighted Mud Added	-	-																			
_	Slurry Added	-	-																			
111		-	111																			
	Added for Washout	-	-																			
339	Total Additions	11	328	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Surface Losses	-	-																			
_	Formation Loss	-	_																			
	Mud Loss to Cuttings	11	153																			
	Unrecoverable Volume	-	15																			
	Centrifuge Losses	-	20																			
199	Total Losses	11	188	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
_	Mud Transferred Out	_																				
_	Muu Transierreu Out																					l .
2,312		2,172	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312
2,312	Ending System Volume	2,172	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312
,-			2,312	,	,	,	2,312	2,312	2,312	2,312	,	-		2,312	2,312	2,312	2,312	,	,	·	2,312	2,312
,-	Ending System Volume		2,312	,	2,312	,	2,312	2,312	2,312	2,312	,	2,312 omment		2,312	2,312	2,312	2,312	,	2,312	·	2,312	2,312
,-	Ending System Volume	-		C	,	s:				2,312	,	-		2,312			2,312	,	,	·	2,312	2,312
,-	Ending System Volume	-	TIH and dr	C ill out shoe	comment	s: 11.6EMW.			2,312	2,312	,	-		2,312		2,312	2,312	,	,	·	2,312	2,312
,-	Ending System Volume	5/1/20	TIH and dr	ill out shoe te section.	e track. FIT MW 9.7pp	<b>s:</b> 11.6EMW.	Resume d	rilling on		2,312	,	-		2,312			2,312	,	,	·	2,312	2,312
-	Ending System Volume  Mud Recovered	5/1/20	TIH and dr intermedia	ill out shoe te section.	e track. FIT MW 9.7pp	s: 11.6EMW.	Resume d	rilling on	5/8/20	2,312	,	-		2,312		5/15/20	2,312	,	,	·	2,312	2,312
,-	Ending System Volume  Mud Recovered	- 5/1/20 5/2/20	TIH and dr intermedia Drilling inte fresh water	cill out shoete section.	comment: E track. FIT MW 9.7pp section, Contrifuge for s	s: 11.6EMW.	Resume d	rilling on		2,312	,	-		2,312			2,312	,	,	·	2,312	2,312
-	Ending System Volume  Mud Recovered	- 5/1/20 5/2/20	TIH and dr intermedia	cill out shoete section.	comment: E track. FIT MW 9.7pp section, Contrifuge for s	s: 11.6EMW.	Resume d	rilling on	5/8/20	2,312	,	-		2,312		5/15/20	2,312	,	,	·	2,312	2,312
-	Ending System Volume  Mud Recovered	5/1/20 5/2/20	TIH and dr intermedia Drilling inte fresh water	cill out shoete section.	comment: E track. FIT MW 9.7pp section, Contrifuge for s	s: 11.6EMW.	Resume d	rilling on	5/8/20	2,312	,	-		2,312		5/15/20 5/16/20	2,312	,	,	·	2,312	2,312
-	Ending System Volume  Mud Recovered	- 5/1/20 5/2/20	TIH and dr intermedia Drilling inte fresh water	cill out shoete section.	comment: E track. FIT MW 9.7pp section, Contrifuge for s	s: 11.6EMW.	Resume d	rilling on	5/8/20	2,312	,	-		2,312		5/15/20	2,312	,	,	·	2,312	2,312
-	Ending System Volume  Mud Recovered	5/1/20 5/2/20	TIH and dr intermedia Drilling inte fresh water	cill out shoete section.	comment: E track. FIT MW 9.7pp section, Contrifuge for s	s: 11.6EMW.	Resume d	rilling on	5/8/20	2,312	,	-		2,312		5/15/20 5/16/20	2,312	,	,	·	2,312	2,312
-	Ending System Volume  Mud Recovered	5/1/20 5/2/20 5/3/20	TIH and dr intermedia Drilling inte fresh water	cill out shoete section.	comment: E track. FIT MW 9.7pp section, Contrifuge for s	s: 11.6EMW.	Resume d	rilling on	5/8/20 5/9/20 5/10/20	2,312	,	-		2,312		5/15/20 5/16/20 5/17/20	2,312	,	,	·	2,312	2,312
-	Ending System Volume  Mud Recovered	5/1/20 5/2/20	TIH and dr intermedia Drilling inte fresh water	cill out shoete section.	comment: E track. FIT MW 9.7pp section, Contrifuge for s	s: 11.6EMW.	Resume d	rilling on	5/8/20	2,312	,	-		2,312		5/15/20 5/16/20	2,312	,	,	·	2,312	2,312
-	Ending System Volume  Mud Recovered	5/1/20 5/2/20 5/3/20	TIH and dr intermedia Drilling inte fresh water	cill out shoete section.	comment: E track. FIT MW 9.7pp section, Contrifuge for s	s: 11.6EMW.	Resume d	rilling on	5/8/20 5/9/20 5/10/20	2,312	,	-		2,312		5/15/20 5/16/20 5/17/20	2,312	,	,	·	2,312	2,312
-	Ending System Volume  Mud Recovered	5/1/20 5/2/20 5/3/20 5/4/20	TIH and dr intermedia Drilling inte fresh water	cill out shoete section.	comment: E track. FIT MW 9.7pp section, Contrifuge for s	s: 11.6EMW.	Resume d	rilling on	5/8/20 5/9/20 5/10/20 5/11/20	2,312	,	-		2,312		5/15/20 5/16/20 5/17/20 5/18/20	2,312	,	,	·	2,312	2,312
-	Ending System Volume  Mud Recovered	5/1/20 5/2/20 5/3/20	TIH and dr intermedia Drilling inte fresh water	cill out shoete section.	comment: E track. FIT MW 9.7pp section, Contrifuge for s	s: 11.6EMW.	Resume d	rilling on	5/8/20 5/9/20 5/10/20	2,312	,	-		2,312		5/15/20 5/16/20 5/17/20	2,312	,	,	·	2,312	2,312
-	Ending System Volume  Mud Recovered	5/1/20 5/2/20 5/3/20 5/4/20	TIH and dr intermedia Drilling inte fresh water	cill out shoete section.	comment: E track. FIT MW 9.7pp section, Contrifuge for s	s: 11.6EMW.	Resume d	rilling on	5/8/20 5/9/20 5/10/20 5/11/20	2,312	,	-		2,312		5/15/20 5/16/20 5/17/20 5/18/20	2,312	,	,	·	2,312	2,312
-	Ending System Volume  Mud Recovered	5/1/20 5/2/20 5/3/20 5/4/20	TIH and dr intermedia Drilling inte fresh water	cill out shoete section.	comment: E track. FIT MW 9.7pp section, Contrifuge for s	s: 11.6EMW.	Resume d	rilling on	5/8/20 5/9/20 5/10/20 5/11/20	2,312	,	•		2,312		5/15/20 5/16/20 5/17/20 5/18/20	2,312	,	,	·	2,312	2,312
-	Ending System Volume  Mud Recovered	5/1/20 5/2/20 5/3/20 5/4/20	TIH and dr intermedia Drilling inte fresh water	cill out shoete section.	comment: E track. FIT MW 9.7pp section, Contrifuge for s	s: 11.6EMW.	Resume d	rilling on	5/8/20 5/9/20 5/10/20 5/11/20	2,312	,	•		2,312		5/15/20 5/16/20 5/17/20 5/18/20 5/19/20	2,312	,	,	·	2,312	2,312
-	Ending System Volume  Mud Recovered	5/1/20 5/2/20 5/3/20 5/4/20 5/5/20	TIH and dr intermedia Drilling inte fresh water	cill out shoete section.	comment: E track. FIT MW 9.7pp section, Contrifuge for s	s: 11.6EMW.	Resume d	rilling on	5/8/20 5/9/20 5/10/20 5/11/20 5/12/20	2,312	,	•		2,312		5/15/20 5/16/20 5/17/20 5/18/20 5/19/20	2,312	,	,	·	2,312	2,312
-	Ending System Volume  Mud Recovered	5/1/20 5/2/20 5/3/20 5/4/20	TIH and dr intermedia Drilling inte fresh water	cill out shoete section.	comment: E track. FIT MW 9.7pp section, Contrifuge for s	s: 11.6EMW.	Resume d	rilling on	5/8/20 5/9/20 5/10/20 5/11/20	2,312	,	•		2,312		5/15/20 5/16/20 5/17/20 5/18/20 5/19/20	2,312	,	,	·	2,312	2,312

10,188' TVD

#### **OUTSOURCE FLUID SOLUTIONS LLC.**

TEL: (337) 394-1078

18.6°

	NOLIA (	OIL & C	GAS		TTERS	ON	County / Parish /	Block HINGTO	N		)4/29		24 hr ft	1,721 ft		Drilled [	Depth 10,33	30 ft
_	D CAN	YON A	- 1H	Rig Name ar	248			EXAS			)4/28	3/20	Curren	82 ft/hr				_ING
Report for JAMES [	VED /	ROBBY	V GWIN	Report for	ol Pusi	hor	Field / OCS-G #	DINGS		Fluid Typ	е ОВ	м		<sub>ting Rate</sub> 753 gpm		Circulat	-	sure <b>psi</b>
JANESE			RTY SPECIF			ici		LUME (BE	RI V		PUMF			PUMP #2				OSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	•	9 bbl	Liner		5.5	Line		.5	Liner		JOSTER
9.3-10.2	8-20	5-12	>300	±264K	<10 <25	<10	In Hole		8 bbl	Stro		12	Stro		.5	Stro		
3.3-10.2	0-20	J-12	2500	5/3/20	<10 <23	5/2/20	Active		7 bbl	bbl/s		0.0837			837	bbl/		0.0000
Time Sample	Taken			2:00		12:00	Storage		5 bbl	stk/r		107			07	stk/r		0.0000
Sample Locati				suction		shaker		cation 231		gal/r		376			76	gal/ı		0
Flowline Temp		=		165 °F		158 °F		PHHP = 162		3		RCULATION	Ŭ			Ŭ		K = 177.275
Depth (ft)				10,300'		9,432'		Depth = 10,				Vashout =			Pump	Efficie	ency =	95%
Mud Weight (r	ppg)			9.8		9.7	D 111 Ox 1	Volume	e to Bit	178.0	) bbl	Strokes	To Bit	2,126				10 min
Funnel Vis (se	c/qt)		@ 140 °F	48		53	Drill String Disp.	Bottoms L	Jp Vol.	789.9	) bbl	BottomsU	p Stks	9,432	Botto	msUp	Time	44 min
600 rpm	.,			42		43	86.1 bbl	TotalCi	rc.Vol.	1767.0	0 bbl	TotalCi	c.Stks	21,098	Tota	ıl Circ.	Time	99 min
300 rpm				26		27		DRILLIN	G ASS	SEMBL	Y DA	ГА		s	OLID	S CON	NTRO	L
200 rpm				21		22	Tubulars	OD (in.)	ID	(in.)	Len	gth 7	ор	Unit		Scre	ens	Hours
100 rpm				16		18	Drill Pipe	5.000	4.	276	9,7	49'	0'	Shaker	1	140	-80	24.0
6 rpm				7		7	Hevi Wt	6.000	3.	000	27	7' 9,	749'	Shaker	2	140	-80	24.0
3 rpm				6		6	Dir. BHA	7.750	2.	875	30	4' 10	,026'	Shaker	. 3	140	-80	24.0
Plastic Viscos	ity (cp)		@ 150 °F	16		16						10	,330'	Centrifuç	ge 1			12.0
Yield Point (lb.	/100 ft²)		T0 = 5	10		11		CASIN	NG & I	HOLE [	DATA							
Gel Strength (	lb/100 ft²)	10	sec/10 min	7/10		6/9	Casing	OD (in.)	ID	(in.)	Dep	oth 7	ор					
Gel Strength (	lb/100 ft <sup>2</sup> )		30 min	16		12	Riser							VOLUM	IE AC	COUN	NTING	(bbls)
HTHP Filtrate	(cm/30 m	in)	@ 250 °F	6.0		5.4	Surface	10 3/4	9.	950	3,0	00'	0'	Prev. T	otal o	n Loc	ation	2311.8
HTHP Cake T	hickness	(32nds)		2.0		2.0	Int. Csg.						0'	Transfe	erred I	n(+)/C	Out(-)	
Retort Solids (	Content			12%		11%	Washout 1								Oil	Adde	d (+)	100.5
Corrected Soli	ds (vol%)			9.8%		8.8%	Washout 2								Barite	Adde	d (+)	21.6
Retort Oil Con	tent			65%		65%	Oper	n Hole Size	10	.369	10,3	30'		Other Pr	roduct	Usag	e (+)	5.1
Retort Water (	Content			23%		24%	ANI	NULAR GE	EOME	TRY &	RHEC	DLOGY		١	Water	Adde	d (+)	46.0
O/W Ratio				74:26		73:27	annulai	r me	eas.	velo	city	flow E	CD	Le	ft on (	Cutting	gs (-)	-107.8
Whole Mud Cl	nlorides (n	ng/L)		55,000		56,000	section	d€	epth	ft/m	nin	reg lb	/gal	Evaporat	tion &	Centri	ifuge	-65.1
Water Phase	Salinity (p	pm)		272,715		267,875		•										
Whole Mud Al	kalinity, P	om		2.0		1.6	9.95x5	3,	000'	249	0.3	turb 10	).13	Est. T	otal o	n Loca	ation	2311.9
Excess Lime (	lb/bbl)			2.6 ppb		2.1 ppb	10.369x	5 9,	749'	223	3.6	lam 1	).14	Est. Los	ses/G	ains (-	-)/(+)	0.0
Electrical Stab	ility (volts	)		466 v		455 v	10.369x	6 10	,026'	258	3.0	turb 10	).21	BIT	HYDR	RAULI	CS D	ATA
Average Spec	ific Gravit	y of Solid	s	3.26		3.30	10.369x7	.75 10	,330'	388	3.8	turb 10	).31	Bit H.S.I.	Bit	ΔΡ	Nozzl	es (32nds)
Percent Low 0	Gravity So	lids		4.7%		4%								1.61	280	psi	14	14 14
ppb Low Grav	ity Solids			39 ppb		33 ppb								Bit Impact	Noz Velo		14	14 14
Percent Barite				5.1%		4.8%								Force	(ft/s	-	14	14 14
ppb Barite				73 ppb		69 ppb	BIT D	ATA	Ma	anuf./Ty	ре	Ulterra/SI	PL613	685 lbs	17	78		
Estimated Tot	al LCM in	System	ppb				Size	Depth In	Н	ours	Foot	age RO	P ft/hr	Motor/M	WD	Calc	Circ.	Pressure
Sample Taker	Ву			A. Roman	0	M Washburn	9 7/8	3,000 ft	4	3.0	7,13	35 ft 10	85.9	1,330	psi		3,669	psi

Remarks/Recommendations:

OBM RECEIVED -----2172 bbls

OBM ON HAND ----- 2312 bbls (9.5ppg)

OBM DAILY GAIN/LOSS----(0) / Total--(+140bbls)

SWEEP: OBM/Magmafiber 5ppb / CalCarb200 10ppb /

NewPhalt 10ppb

Pump 10bbls every 300' drilled after survey or slide.

Rig Activity:

Drilling (Rotating / Sliding) ahead on intermediate 9 7/8" hole. Increase MW 9.8ppg, with additions of Barite. Constant additions of Diesel and Water for dilution and to offset Evaporation. Additions of Lime for Alkalinity, CaCl2 for WPS. Maintain Fluid loss with additions of Opti G and New Phalt. Transfer OBM from storage to maintain Volume and for sweeps build as require. No Losses at this time, Upon sweeps returns shakers load increase 50-60% more on cuttings, running trash pump for Jet lines on flow line, for conveyance of cuttings. Centrifuge running from the active system 1hr on 1hr off for solids control on active system.

Eı	ng. 1:	Mi	ke W	ashb	urn	Er	ng. 2:	Adolfo	Roman	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Pl	none:	30	61-94	5-57	77	Pł	none:	956-8	21-9994	Phone:	432-686-7361	Phone:	-			
W 1	P 1	Y 1	E 1	C 1	g 1	G 1	H 1	O 1	carefully	and may be	ecommendation, ex used if the user so ation, and this is a	elects, however	, no representation	has been prepared on is made as to the	\$6,288.66	\$30,569.48
												INCLUDI	NG 3RD PAR	TY CHARGES	\$9,960.06	\$41,587.40

Item  ALUMINUM TRISTEARATE SAPP (50) PHPA LIQUID (pail) DYNADET  CACL2 (50) LIME (50)		USAGE & Unit Cost		Received	Closing Inventory	Daily	Daily Cost		JLATIVE
ALUMINUM TRISTEARATE SAPP (50) PHPA LIQUID (pail) DYNADET  CACL2 (50)	Unit 25# sk 50# sk	Unit Cost	Previous	Received	-	-	Daily Cost		
ALUMINUM TRISTEARATE SAPP (50) PHPA LIQUID (pail) DYNADET  CACL2 (50)	25# sk 50# sk		Inventory	Received	Inventory	Haama	Daily Cost		
SAPP (50) PHPA LIQUID (pail) DYNADET  CACL2 (50)	50# sk	\$162.83			55.	Usage		Usage	Cum Cost
PHPA LIQUID (pail) DYNADET  CACL2 (50)			38	-38				<u> </u>	
DYNADET  CACL2 (50)	5 gai	\$44.56		-15		7	\$311.92		\$1,782.40
CACL2 (50)		\$41.36	59	-61		-2	-\$82.72	-1	
	5 gal	\$32.23	16	-24		-8	-\$257.84	-4	4 -\$128.92
	50# -1-	£44.00	000		100	7	<b>#</b> 400.04		4 (\$4,000,00
	50# sk 50# sk	\$14.32 \$5.00	203 180		196 150	7 30	\$100.24 \$150.00	100	
BENTONE 910 (50)		\$5.00			34	2			5 \$356.40
	50# sk		40		40		\$118.80		\$356.40
BENTONE 990 (50)	50# sk	\$83.59	160		150	10	\$20E.00		0 61 520 50
OPTI - G	50# sk	\$30.59	825		825	10	\$305.90	275	· '
OPTI - MUL OPTI - WET	gal	\$10.75 \$8.34	550		550			275	
NEW PHALT	gal					40	<b>\$500.00</b>		
NEW CARB (M)	50# sk	\$38.72	153		140	13	\$503.36 \$52.50	60	
, , ,	50# sk	\$5.25	150		140	10		40	
MAGMAFIBER F (25)	25# sk	\$28.05	65		60	5	\$140.25	36	5 \$1,009.80
OIL SORB (25)	25# sk	\$4.75	75		60	15	\$71.25	20	\$95.00
NEW WATE (SACK BARITE)	100# sk	\$11.50	160		160				+
BARITE BULK (100)	100# sk	\$7.00			1500	310	\$2,170.00	310	\$2,170.00
									_
<del> </del>									
									1
									_
									+
									1
								<u> </u>	1
									+
OPTI DRILL (OBM)	bbl	\$65.00	2171		2171				
			_						
								<u> </u>	
<del> </del>								<u> </u>	+
<del> </del>	-							<u> </u>	+
								<u> </u>	-
									<u> </u>
ENGINEEDING (24 LID)	0001	\$00E.00					\$1.050.00		0.050.00
ENGINEERING (24 HR) ENGINEERING (DIEM)	each bbl	\$925.00 \$30.00				2	\$1,850.00 \$60.00	10	\$9,250.00 \$300.00
ENGINEERING (DIEM) ENGINEERING (MILES)	each	\$30.00					φυυ.υυ		, φουυ.υυ
LIVOINEERING (WILES)	each	\$1.00						<del>                                     </del>	+
									+
TRUCKING (cwt)	each	\$2.65						1279	9 \$3,389.83
TRUCKING (min)	each	\$795.00				1	\$795.00	1	
				-					
	each	\$12.00			l			24	\$288.00
PALLETS (ea)	oooh	¢12.00							1 \$200.00
PALLETS (ea) SHRINK WRAP (ea)	each	\$12.00						24	\$288.00

Date	Operator			Well Name a	ınd No.		Rig Name ar	nd No.	Report No.	
05/03/20	MAGI	NOLIA OIL	& GAS	GRANI	D CANYON	I A - 1H	2	48	Repo	rt #5
	DAILY	USAGE 8	& COST						CUMUL	ATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel Transfer from 3H	gal	\$0.91							7401	\$6,734.91
Diesel Delivery 5/1/20	gal	\$0.87	6720		2500	4220	\$3,671.40		4923	\$4,283.01
								•		
								]		
									_	4= 65
					Daily S	ub-Total \$3	3,671.40		\$11,0	17.92
						İ				
	Cum	ulative Tota	al AES & 3rd	Party \$41,	,587.40					
						-				

FLUID VOLUME ACCOUNTING

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: GRA

GRAND CANYON A - 1H

					WEEK 1							WEEK 2							WEEK 3			
	Date	5/1/20	5/2/20	5/3/20	5/4/20	5/5/20	5/6/20	5/7/20	5/8/20	5/9/20	5/10/20	5/11/20	5/12/20	5/13/20	5/14/20	5/15/20	5/16/20	5/17/20	5/18/20	5/19/20	5/20/20	5/21/20
		Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu
	Bit Size	9 7/8	9 7/8	9 7/8															-			
Grand	Starting Depth	3,000	3,186	8,600	10,330																	
	Ending Depth	3,186	8,600	10,330	,																	
	Footage Drilled	186	5,414	1,730	-	-	-	_	-	-	-		_	_	-	_	_	_	_	-	-	_
•	New Hole Vol.	18	513	164	_		-				-		_	_				_		_		_
	Starting System Volume	2,171	2,172	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312
				-	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312
	Chemical Additions Base Fluid Added	5 7	18	5																		
	Barite Increase	- '	199	101 22																		
	Weighted Mud Added	1		-																		
	Slurry Added	-	-	-																		
	Water Added	-	111	46																		
	Added for Washout	-	- 1111	40																		
		<b>!</b>		474																		
	Total Additions	11	328	174	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Surface Losses	-	-	-																		
	Formation Loss	-	-	-																		
	Mud Loss to Cuttings	11	153	108																		
	Unrecoverable Volume	-	15	41																		
44	Centrifuge Losses	-	20	24																		
372	Total Losses	11	188	173	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Marid Transformed Out				l .			1					<u> </u>									
	Mud Transferred Out	-	-	-										1								
	Ending System Volume	2,172	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312
2,312		2,172	2,312		2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312
2,312	Ending System Volume	Ĺ	2,312	2,312	2,312	,	2,312	2,312	2,312	2,312	,	2,312 omment		2,312	2,312	2,312	2,312	•	2,312 omments	,	2,312	2,312
2,312	Ending System Volume	-		2,312 C	omments	s:			2,312	2,312	,	•		2,312	2,312	2,312	2,312	•	·	,	2,312	2,312
2,312	Ending System Volume		TIH and di	2,312  C  ill out shoe	comments	s: 11.6EMW.			2,312	2,312	,	•		2,312		2,312	2,312	•	·	,	2,312	2,312
2,312	Ending System Volume		TIH and di	2,312  C  ill out shoe	omments	s: 11.6EMW.				2,312	,	•		2,312			2,312	•	·	,	2,312	2,312
2,312	Ending System Volume	5/1/20	TIH and di intermedia	2,312  Cill out shoe te section.  ermediate s	e track. FIT MW 9.7pp	s: 11.6EMW.	Resume d	rilling on	5/8/20	2,312	,	•		2,312		5/15/20	2,312	•	·	,	2,312	2,312
2,312	Ending System Volume	5/1/20	TIH and di intermedia Drilling interfersh water	2,312  Cill out shoe te section.  ermediate ser. Run Cer	e track. FIT MW 9.7pp section, Contrifuge for s	s: 11.6EMW.	Resume d	rilling on		2,312	,	•		2,312			2,312	•	·	,	2,312	2,312
2,312	Ending System Volume	5/1/20	TIH and di intermedia Drilling interfersh water	2,312  Cill out shoe te section.  ermediate s	e track. FIT MW 9.7pp section, Contrifuge for s	s: 11.6EMW.	Resume d	rilling on	5/8/20	2,312	,	•		2,312		5/15/20	2,312	•	·	,	2,312	2,312
2,312	Ending System Volume	5/1/20	TIH and di intermedia Drilling int fresh wate screens w	2,312  Crill out shoe te section.  ermediate sr. Run Certh Higher A	e track. FIT MW 9.7pp section, Contrifuge for s	s: 11.6EMW. g nstant addi solids cont	Resume d	rilling on esel and wore out	5/8/20	2,312	,	•		2,312		5/15/20 5/16/20	2,312	•	·	,	2,312	2,312
2,312	Ending System Volume	5/1/20	TIH and di intermedia Drilling interfresh water screens were prilling ah	2,312  Cill out shoet te section.  ermediate s r. Run Cer th Higher A ead on inte	e track. FIT MW 9.7pp section, Contrifuge for s API # .	s: 11.6EMW. g nstant addi solids cont	Resume d	rilling on esel and wore out	5/8/20	2,312	,	•		2,312		5/15/20	2,312	•	·	,	2,312	2,312
2,312	Ending System Volume	5/1/20	TIH and di intermedia Drilling interfresh water screens were prilling ah	2,312  Cill out shoet te section.  ermediate s r. Run Cer th Higher A ead on inte	e track. FIT MW 9.7pp section, Contrifuge for s	s: 11.6EMW. g nstant addi solids cont	Resume d	rilling on esel and wore out	5/8/20	2,312	,	•		2,312		5/15/20 5/16/20	2,312	•	·	,	2,312	2,312
2,312	Ending System Volume	5/1/20 5/2/20 5/3/20	TIH and di intermedia Drilling interfresh water screens were prilling ah	2,312  Cill out shoet te section.  ermediate s r. Run Cer th Higher A ead on inte	e track. FIT MW 9.7pp section, Contrifuge for s API # .	s: 11.6EMW. g nstant addi solids cont	Resume d	rilling on esel and wore out	5/8/20 5/9/20 5/10/20	2,312	,	•		2,312		5/15/20 5/16/20 5/17/20	2,312	•	·	,	2,312	2,312
2,312	Ending System Volume	5/1/20	TIH and di intermedia Drilling interfresh water screens were prilling ah	2,312  Cill out shoet te section.  ermediate s r. Run Cer th Higher A ead on inte	e track. FIT MW 9.7pp section, Contrifuge for s API # .	s: 11.6EMW. g nstant addi solids cont	Resume d	rilling on esel and wore out	5/8/20	2,312	,	•		2,312		5/15/20 5/16/20	2,312	•	·	,	2,312	2,312
2,312	Ending System Volume	5/1/20 5/2/20 5/3/20	TIH and di intermedia Drilling interfresh water screens were prilling ah	2,312  Cill out shoet te section.  ermediate s r. Run Cer th Higher A ead on inte	e track. FIT MW 9.7pp section, Contrifuge for s API # .	s: 11.6EMW. g nstant addi solids cont	Resume d	rilling on esel and wore out	5/8/20 5/9/20 5/10/20	2,312	,	•		2,312		5/15/20 5/16/20 5/17/20	2,312	•	·	,	2,312	2,312
2,312	Ending System Volume	5/1/20 5/2/20 5/3/20	TIH and di intermedia Drilling interfresh water screens were prilling ah	2,312  Cill out shoet te section.  ermediate s r. Run Cer th Higher A ead on inte	e track. FIT MW 9.7pp section, Contrifuge for s API # .	s: 11.6EMW. g nstant addi solids cont	Resume d	rilling on esel and wore out	5/8/20 5/9/20 5/10/20	2,312	,	•		2,312		5/15/20 5/16/20 5/17/20	2,312	•	·	,	2,312	2,312
2,312	Ending System Volume	5/1/20 5/2/20 5/3/20	TIH and di intermedia Drilling interfresh water screens were prilling ah	2,312  Cill out shoet te section.  ermediate s r. Run Cer th Higher A ead on inte	e track. FIT MW 9.7pp section, Contrifuge for s API # .	s: 11.6EMW. g nstant addi solids cont	Resume d	rilling on esel and wore out	5/8/20 5/9/20 5/10/20	2,312	,	•		2,312		5/15/20 5/16/20 5/17/20	2,312	•	·	,	2,312	2,312
2,312	Ending System Volume	5/1/20 5/2/20 5/3/20 5/4/20	TIH and di intermedia Drilling interfresh water screens were prilling ah	2,312  Cill out shoet te section.  ermediate s r. Run Cer th Higher A ead on inte	e track. FIT MW 9.7pp section, Contrifuge for s API # .	s: 11.6EMW. g nstant addi solids cont	Resume d	rilling on esel and wore out	5/8/20 5/9/20 5/10/20 5/11/20	2,312	,	•		2,312		5/15/20 5/16/20 5/17/20 5/18/20	2,312	•	·	,	2,312	2,312
2,312	Ending System Volume	5/1/20 5/2/20 5/3/20 5/4/20	TIH and di intermedia Drilling interfresh water screens were prilling ah	2,312  Cill out shoet te section.  ermediate s r. Run Cer th Higher A ead on inte	e track. FIT MW 9.7pp section, Contrifuge for s API # .	s: 11.6EMW. g nstant addi solids cont	Resume d	rilling on esel and wore out	5/8/20 5/9/20 5/10/20 5/11/20	2,312	,	•		2,312		5/15/20 5/16/20 5/17/20 5/18/20 5/19/20	2,312	•	·	,	2,312	2,312
2,312	Ending System Volume	5/1/20 5/2/20 5/3/20 5/4/20	TIH and di intermedia Drilling interfresh water screens were prilling ah	2,312  Cill out shoet te section.  ermediate s r. Run Cer th Higher A ead on inte	Fomments  track. FIT MW 9.7pp section, Contrifuge for s API # .	s: 11.6EMW. g nstant addi solids cont	Resume d	rilling on esel and wore out	5/8/20 5/9/20 5/10/20 5/11/20	2,312	,	•		2,312		5/15/20 5/16/20 5/17/20 5/18/20	2,312	•	·	,	2,312	2,312
2,312	Ending System Volume	5/1/20 5/2/20 5/3/20 5/4/20	TIH and di intermedia Drilling interest water screens were screens were	2,312  Cill out shoet te section.  ermediate s r. Run Cer th Higher A ead on inte	Fomments  track. FIT MW 9.7pp section, Contrifuge for s API # .	s: 11.6EMW. g nstant addi solids cont	Resume d	rilling on esel and wore out	5/8/20 5/9/20 5/10/20 5/11/20	2,312	,	•		2,312		5/15/20 5/16/20 5/17/20 5/18/20 5/19/20	2,312	•	·	,	2,312	2,312
2,312	Ending System Volume	5/1/20 5/2/20 5/3/20 5/4/20 5/6/20	TIH and di intermedia Drilling interest water screens were screens were	2,312  Cill out shoet te section.  ermediate s r. Run Cer th Higher A ead on inte	Fomments  track. FIT MW 9.7pp section, Contrifuge for s API # .	s: 11.6EMW. g nstant addi solids cont	Resume d	rilling on esel and wore out	5/8/20 5/9/20 5/10/20 5/11/20 5/12/20	2,312	,	•		2,312		5/15/20 5/16/20 5/17/20 5/18/20 5/19/20	2,312	•	·	,	2,312	2,312
2,312	Ending System Volume	5/1/20 5/2/20 5/3/20 5/4/20	TIH and di intermedia Drilling interest water screens were screens were	2,312  Cill out shoet te section.  ermediate s r. Run Cer th Higher A ead on inte	Fomments  track. FIT MW 9.7pp section, Contrifuge for s API # .	s: 11.6EMW. g nstant addi solids cont	Resume d	rilling on esel and wore out	5/8/20 5/9/20 5/10/20 5/11/20	2,312	,	•		2,312		5/15/20 5/16/20 5/17/20 5/18/20 5/19/20	2,312	•	·	,	2,312	2,312

TEL: (337) 394-1078

### **OUTSOURCE FLUID SOLUTIONS LLC.**

21.1° 10,188' TVD

	NOLIA (	OIL & (	GAS		TTERS	ON		Block HINGTO	ON		Date 19/20	24 hr f	5 ft			epth <b>0,33</b>	5 ft
Well Name and No.	D CAN	YON A	- 1H	Rig Name ar	248		State <b>TE</b>	EXAS		Spud Date <b>04/2</b>	8/20	Curren	0 ft/hr		Activity RUN 7	7 5/8 I	NT CSG
Report for JAMES D	VED /	BOBB.	V GWIN	Report for	ol Pusi	oor	Field / OCS-G #	DINGS		Fluid Type	ВМ		ating Rate 281 gpm		Circulatin	-	_
JANESL			RTY SPECIF			ICI	MUD VO				1P #1		PUMP #2	-	RISE	ps R BO	OSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	`	90 bbl	Liner Size	5.5	Line			Liner S		0012.1
9.3-10.2	8-20	5-12	>300	±264K	<10 <25	<10	In Hole		45 bbl	Stroke	12			12	Strok		
0.0 10.2	0 20	0 .2	7000	5/4/20	110 120	5/3/20	Active		'35 bbl	bbl/stk	0.083			837	bbl/st		0.0000
Time Sample	Taken			2:00		13:00	Storage		45 bbl	stk/min	80		/min		stk/m		
Sample Locati				suction		suction	Tot. on Lo			gal/min	281	gal	/min	0	gal/m	in	0
Flowline Temp	erature °l	 F						PHHP =	0	C	IRCULAT	ION DA	.TA		n = 0.7	716 K	( = 164.036
Depth (ft)				10,335'		10,335'	Bit D	Depth = 10	0,330 '		Washou	= 5%		Pump I	Efficier	ncy =	95%
Mud Weight (p	pg)			10.1		9.8	Drill String	Volum	ne to Bit	474.3 bbl	Strok	es To Bit	5,663	Т	ime To	Bit	71 min
Funnel Vis (se	c/qt)		@ 90 °F	58		49	Disp.	Bottoms	Up Vol.	470.7 bbl	Bottoms	Up Stks	5,620	Botton	nsUp Ti	ime	70 min
600 rpm				46		44	109.1 bbl	TotalC	Circ.Vol.	1735.0 bbl	Total	Circ.Stks	20,716	Total	Circ. T	ime	259 min
300 rpm				28		28		DRILLI	NG ASS	SEMBLY DA	ATA		s	OLIDS	CON	TROL	
200 rpm				24		22	Tubulars	OD (in.)	) ID	(in.) Le	ngth	Тор	Unit		Scree	ns	Hours
100 rpm				19		17	Casing	7.625	6.	875 10	,330'	0'	Shaker	r 1	140-8	30	18.0
6 rpm				8		7	Hevi Wt				1	0,330'	Shaker	r 2	140-8	30	18.0
3 rpm				6		6	Dir. BHA				1	0,330'	Shaker	r 3	140-8	30	18.0
Plastic Viscosi	ity (cp)		@ 150 °F	18		16					1	0,330'	Centrifuç	ge 1			
Yield Point (lb/	/100 ft²)		T0 = 4	10		12		CAS	ING & I	HOLE DATA	4						
Gel Strength (	lb/100 ft²)	10	sec/10 min	7/11		7/9	Casing	OD (in.)	) ID	(in.) D	epth	Тор					
Gel Strength (	lb/100 ft <sup>2</sup> )		30 min	16		14	Riser						VOLUM	ME ACC	COUNT	TING	(bbls)
HTHP Filtrate	(cm/30 m	in)	@ 250 °F	6.0		6.0	Surface	10 3/4	9.	950 3,	000'	0'	Prev. T	otal or	Locat	tion	2312.0
HTHP Cake T	hickness	(32nds)		2.0		2.0	Int. Csg.					0'	Transfe	erred In	ı(+)/Ou	ıt(-)	
Retort Solids (	Content			13%		12%	Washout 1							Oil	Added	(+)	11.9
Corrected Soli	ds (vol%)			10.8%		9.8%	Washout 2							Barite /	Added	(+)	0.0
Retort Oil Con	tent			64%		65%	Oper	n Hole Siz	e 10	.369 10	,335'		Other Pr	roduct (	Usage	(+)	0.0
Retort Water (	Content			23%		23%	ANI	NULAR G	SEOME	TRY & RHE	OLOGY		,	Water	Added	(+)	10.0
O/W Ratio				74:26		74:26	annulai	r n	neas.	velocity	flow	ECD	Le	eft on C	uttings	s (-)	-0.5
Whole Mud Ch	nlorides (r	ng/L)		54,000		55,500	section	ı	depth	ft/min	reg	lb/gal	Evaporat	tion & (	Centrifu	uge	-22.8
Water Phase	Salinity (p	pm)		269,091		274,514							Non-Red	coverab	ole Vol.	. (-)	-30.0
Whole Mud Al	kalinity, P	om		1.8		1.9	9.95x7.6	25 3	3,000'	168.8	lam	10.59	Est. T	Total or	Locat	tion _	2280.5
Excess Lime (	lb/bbl)			2.3 ppb		2.5 ppb	10.369x7.	625 10	0,330'	139.7	lam	10.52	Est. Los	ses/Ga	ains (-)/	/(+)	0.0
Electrical Stab	ility (volts	)		465 v		480 v							ВІТ	HYDR.	AULIC	S DA	TA
Average Spec	ific Gravit	y of Solid	ls	3.32		3.20							Bit H.S.I.	Bit /	AP N	Nozzle	s (32nds)
Percent Low G	Gravity So	lids		4.8%		5.1%											
ppb Low Grav	ity Solids			40 ppb		42 ppb							Bit Impact	Noza Velo			
Percent Barite	!			6%		4.7%							Force	(ft/se	•		
ppb Barite				86 ppb		68 ppb	BIT D	ATA	Ма	anuf./Type				<u> </u>			
Estimated Total	al LCM in	System	ppb				Size	Depth Ir	n Ho	ours Fo	otage R	OP ft/hr	Motor/M	WD	Calc. (	Circ. I	Pressure
Sample Taker	Ву			A. Roman	0	M Washburn	9 7/8										
Remarks/Reco	mmendati	ons:					Rig Activity:										

Remarks/Recommendations:

OBM RECEIVED -----2172 bbls

OBM ON HAND ----- 2280 bbls (9.5ppg)

OBM DAILY GAIN/LOSS----(-32) / Total--(+108bbls)

Rig Activity:

Rig up casing running tools, start running 7 5/8" / 29.7# / P110 Intermediate casing in the hole. Brake circulation every 2000'. Casing on bottom with no issues, MW in the active system increase due to Temperature change and Hevy slug been displace from well bore. Additions of Diesel to Active system to Decrease and maintain MW @9.8ppg for cementing. Once cementing is completed, will reduce MW to 9.5ppg for next Intermediate section on Levi Goodrich U2-3H. Cement will be displace with OBM from active system, leaving behind 471bbl of OBM. Rigging up Cementing equipment at the time of report

Er	ng. 1:	Mi	ke W	ashbı	urn	Er	ng. 2:	Adolfo	Roman	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Ph	none:	3	61-94	15-57	77	Ph	one:	956-8	21-9994	Phone:	432-686-7361	Phone:	-			
W 1	P 1	Y 1	E 1	C 1	g 1	G 1	H 1	O 1	carefully	and may be	ecommendation, ex used if the user so ation, and this is a	elects, however	, no representation	has been prepared on is made as to the	\$1,910.00	\$32,479.48
												INCLUDI	NG 3RD PAR	TY CHARGES	\$2,345.00	\$43,932.40

Date <b>05/04/20</b>	Operator <b>MAG</b> I	NOLIA OIL		Well Name a GRANI	ind No. D CANYON	A - 1H	Rig Name ar	48	Report No. Repo	ort #6
	DAILY	USAGE 8	COST				•		1	LATIVE
Ham	Unit	Unit Cost	Previous	Received	Closing	Daily	Daily Cast		Cum	Cum Cook
Item	Unit		Inventory	Received	Inventory	Usage	Daily Cost		Usage	Cum Cost
ALUMINUM TRISTEARATE	25# sk	\$162.83								<u> </u>
SAPP (50)	50# sk	\$44.56					1			\$1,782.40
PHPA LIQUID (pail)	5 gal	\$41.36							-1	<del></del>
DYNADET	5 gal	\$32.23							-4	-\$128.92
CACL2 (50)	50# sk	\$14.32	196		196				84	\$1,202.88
LIME (50)	50# sk	\$5.00	150		150				100	\$500.00
BENTONE 910 (50)	50# sk	\$59.40			34				6	\$356.40
BENTONE 990 (50)	50# sk	\$83.59	40		40					
OPTI - G	50# sk	\$30.59	150		150					\$1,529.50
OPTI - MUL	gal	\$10.75	825		825				275	
OPTI - WET	gal	\$8.34	550		550				275	\$2,293.50
NEW PHALT	50# sk	\$38.72	140		140				60	\$2,323.20
NEW CARB (M)	50# sk	\$5.25	140		140				40	\$210.00
MAGMAFIBER F (25)	25# sk	\$28.05	60		60				36	\$1,009.80
OIL SORB (25)	25# sk	\$4.75	60		60				20	\$95.00
NEW WATE (SACK BARITE)	100# sk	\$11.50	160		160		†	1		1
BARITE BULK (100)	100# sk	\$7.00			1500		†	1	310	\$2,170.00
Brutte Boek (100)	100% 010	ψ1.00	1000		1000				010	Ψ2,170.00
OPTI DRILL (OBM)	bbl	\$65.00	2171		2171					
								}		
ENGINEERING (24 HR)	each	\$925.00				2	2 \$1,850.00		12	\$11,100.00
ENGINEERING (DIEM)	bbl	\$30.00				2			12	
ENGINEERING (MILES)	each	\$1.00								
										<u> </u>
TRUCKING (cwt) TRUCKING (min)	each each	\$2.65 \$795.00							1279	
•										
CALLETO ( )	each	\$12.00						Ī	24	\$288.00
PALLETS (ea) SHRINK WRAP (ea)	each	\$12.00							24	\$288.00

Date	Operator			Well Name a	nd No.		Rig Name ar	nd No.	Report No.	
05/04/20	MAGI	NOLIA OIL	& GAS	GRANI	CANYON	I A - 1H	2	48	Repo	ort #6
	DAILY	USAGE 8	k COST						СПМП	ATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel Transfer from 3H	gal	\$0.91							7401	\$6,734.91
Diesel Delivery 5/1/20	gal	\$0.87	2500		2000	500	\$435.00		5423	\$4,718.01
Diesel Delivery 5/3/20	gal	\$0.96		7199	7199					
	<u> </u>	<u>I</u>		<u>.</u>	Daily 9	Sub-Total \$	6435.00		\$11,4	52.92
					Dally	-uw-rotal 1	. 100100		Ψ11,4	
	Cum	ulative Tota	I AES & 3rd	l Party \$43,	932.40					
						-				

FLUID VOLUME ACCOUNTING

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: GRA

GRAND CANYON A - 1H

			ri         Sat         Sun         Mon         Tue         Wed         Thu         Fri         Sat         Sun         Mon         Tue         Wed           /8         9 7/8																WEEK 3			
	Date	5/1/20	5/2/20	5/3/20		5/5/20	5/6/20	5/7/20	5/8/20	5/9/20	5/10/20		5/12/20	5/13/20	5/14/20	5/15/20	5/16/20	5/17/20	5/18/20	5/19/20	5/20/20	5/21/20
	Date	Fri												Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu
	Bit Size	9 7/8				140	1100			Out	- Cuii		140	· · · · ·			Jul	- Cun		140	wou	
Grand	Starting Depth	3,000				10.335																
Totals	Ending Depth	3,186			-	10,000																
	Footage Drilled													_	_	_	_	-	_	_	_	-
	New Hole Vol.	18	513	1,730	0	-	_	_								-	-		-			-
093						2,280	2,280															
-	Starting System Volume	2,171	2,172	2,312	2,312	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280
	Chemical Additions	5	18	5	-																	
	Base Fluid Added	7	199	101	12																	
	Barite Increase	-	-	22	-																	
-	Weighted Mud Added	-	-	-	-																	
-	Slurry Added	-	-	-	-																	
167	Water Added	-	111	46	10																	
-	Added for Washout	-	-		-																	
535	Total Additions	11	328	174	22	-	-	-	-	•	-	-	-	-	-	-	-	•	-	-	-	-
31	Surface Losses	-	-	-	31																	
-	Formation Loss	-	-	-	-																	
272	Mud Loss to Cuttings	11	153	108	-																	
67	Unrecoverable Volume	-	15	41	11																	
56	Centrifuge Losses	-	20	24	12																	
426	Total Losses	11	188	173	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
-	Mud Transferred Out	-	-	-	-																	
-		- 0.470	-			0.000	0.000	0.000	0.000	2 222	0.000	0.000	0.000	2 222	2 222	0.000	0.000	2 222	2.222	2 222	0.000	0.000
2,280	Mud Transferred Out  Ending System Volume	2,172	2,312	2,312	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280
2,280		2,172	2,312			2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280
2,280	Ending System Volume	ŕ	2,312	2,312	2,280	,	2,280	2,280	2,280	2,280	•		,	2,280	2,280	2,280	2,280	,	,	•	2,280	2,280
2,280	Ending System Volume	ŕ	2,312	2,312		,	2,280	2,280	2,280	2,280	•	2,280 omment	,	2,280	2,280	2,280	2,280	,	2,280 omments	•	2,280	2,280
2,280	Ending System Volume	-	,	2,312 C	2,280	s:				2,280	•		,	2,280	2,280	,	2,280	,	,	•	2,280	2,280
2,280	Ending System Volume	-	TIH and di	2,312  C rill out shoe	2,280 comments	s: 11.6EMW.			2,280	2,280	•		,	2,280	2,280	2,280	2,280	,	,	•	2,280	2,280
2,280	Ending System Volume	5/1/20	TIH and di	2,312  Crill out shoe te section.	2,280  Comment: e track. FIT MW 9.7pp	<b>s:</b> 11.6EMW.	Resume d	rilling on		2,280	•		,	2,280	2,280	,	2,280	,	,	•	2,280	2,280
-	Ending System Volume	5/1/20	TIH and di intermedia	2,312  Crill out shoe the section.  ermediate s	2,280  Comment:  track. FIT MW 9.7pp  section, Cor	s: 11.6EMW.	Resume ditions of Die	rilling on	5/8/20	2,280	•		,	2,280	2,280	5/15/20	2,280	,	,	•	2,280	2,280
2,280	Ending System Volume	5/1/20	TIH and di intermedia Drilling interfesh water	2,312  Crill out shoe the section.  ermediate ser. Run Cer	2,280  comment:  track. FIT MW 9.7pp section, Contrifuge for s	s: 11.6EMW.	Resume ditions of Die	rilling on	5/8/20	2,280	•		,	2,280	2,280	,	2,280	,	,	•	2,280	2,280
-	Ending System Volume	5/1/20	TIH and di intermedia Drilling interfesh water	2,312  Crill out shoe the section.  ermediate s	2,280  comment:  track. FIT MW 9.7pp section, Contrifuge for s	s: 11.6EMW.	Resume ditions of Die	rilling on	5/8/20	2,280	•		,	2,280	2,280	5/15/20	2,280	,	,	•	2,280	2,280
-	Ending System Volume	5/1/20	TIH and di intermedia Drilling interfresh water screens w	2,312  Crill out shoe the section.  ermediate ser. Run Cerith Higher A	2,280  comment:  e track. FIT MW 9.7pp section, Contrifuge for s	s: 11.6EMW. g nstant addi solids contr	Resume di	rilling on esel and wore out	5/8/20	2,280	•		,	2,280	2,280	5/15/20	2,280	,	,	•	2,280	2,280
-	Ending System Volume	5/1/20	TIH and di intermedia Drilling interfresh wate screens were	2,312  Crill out shoe te section.  ermediate sr. Run Cerrith Higher Aread on inte	2,280  comment:  e track. FIT MW 9.7pp section, Contrifuge for s API # .	s: 11.6EMW.  og  nstant addi solids conti	Resume di	rilling on esel and wore out	5/8/20	2,280	•		,	2,280	2,280	5/15/20	2,280	,	,	•	2,280	2,280
-	Ending System Volume	5/1/20 5/2/20 5/3/20	TIH and di intermedia Drilling interfresh wate screens we Drilling ah and chemi	2,312  Crill out shoe the section.  ermediate ser. Run Cerith Higher A ead on inte cal addition	2,280  comment:  e track. FIT MW 9.7pp section, Contrifuge for sAPI # .	s: 11.6EMW. pg Instant additionsolids contribution. Mairties.	Resume ditions of Die	rilling on esel and wore out	5/8/20	2,280	•		,	2,280	2,280	5/15/20	2,280	,	,	•	2,280	2,280
-	Ending System Volume	5/1/20 5/2/20 5/3/20	TIH and di intermedia Drilling int fresh wate screens w Drilling ah and chemi	2,312  Crill out shoe te section.  ermediate ser. Run Cerr. Run Cerrith Higher Aread on inte cal addition down BHA	2,280  comment:  track. FIT MW 9.7pp section, Contrifuge for sAPI # .  rmediate set for proper	s: 11.6EMW. 19 nstant addi solids contribution. Mair ties.	Resume ditions of Die rol, change natain dilutions casing and	rilling on esel and wore out on rates	5/8/20	2,280	•		,	2,280	2,280	5/15/20	2,280	,	,	•	2,280	2,280
-	Ending System Volume	5/1/20 5/2/20 5/3/20	TIH and di intermedial Drilling intermedial prilling intermedial prilling and chemi	2,312  Crill out shoe the section.  ermediate sr. Run Cer ith Higher A ead on inte cal addition down BHA bottom. Co	2,280  Fomment:  E track. FIT MW 9.7pp  section, Contrifuge for s API # .  Tracklate sun for proper	s: 11.6EMW.  11.	Resume ditions of Die rol, change natain dilutions casing and menting.	rilling on esel and wore out	5/8/20	2,280	•		,	2,280	2,280	5/15/20	2,280	,	,	•	2,280	2,280
-	Ending System Volume	5/1/20 5/2/20 5/3/20 5/4/20	TIH and di intermedia Drilling interse wate screens w Drilling ah and chemi POOH lay the hole to Displace to Displ	2,312  Crill out shoe the section.  ermediate sr. Run Cerith Higher Aread on intectal addition down BHAread bottom. Comment with	2,280  comment:  track. FIT MW 9.7pp section, Contrifuge for sAPI # .  rmediate set for proper	s: 11.6EMW.  11.	Resume ditions of Die rol, change natain dilutions casing and menting.	rilling on esel and wore out	5/8/20 5/9/20 5/10/20	2,280	•		,	2,280	2,280	5/15/20 5/16/20 5/17/20	2,280	,	,	•	2,280	2,280
-	Ending System Volume	5/1/20 5/2/20 5/3/20 5/4/20	TIH and di intermedial Drilling intermedial prilling intermedial prilling and chemi	2,312  Crill out shoe the section.  ermediate sr. Run Cerith Higher Aread on intectal addition down BHAread bottom. Comment with	2,280  Fomment:  E track. FIT MW 9.7pp  section, Contrifuge for s API # .  Tracklate sun for proper	s: 11.6EMW.  11.	Resume ditions of Die rol, change natain dilutions casing and menting.	rilling on esel and wore out	5/8/20 5/9/20 5/10/20	2,280	•		,	2,280	2,280	5/15/20 5/16/20 5/17/20	2,280	,	,	•	2,280	2,280
-	Ending System Volume	5/1/20 5/2/20 5/3/20 5/4/20	TIH and di intermedia Drilling interse wate screens w Drilling ah and chemi POOH lay the hole to Displace to Displ	2,312  Crill out shoe the section.  ermediate sr. Run Cerith Higher Aread on intectal addition down BHAread bottom. Comment with	2,280  Fomment:  E track. FIT MW 9.7pp  section, Contrifuge for s API # .  Tracklate sun for proper	s: 11.6EMW.  11.	Resume ditions of Die rol, change natain dilutions casing and menting.	rilling on esel and wore out	5/8/20 5/9/20 5/10/20 5/11/20	2,280	•		,	2,280	2,280	5/15/20 5/16/20 5/17/20 5/18/20	2,280	,	,	•	2,280	2,280
-	Ending System Volume	5/1/20 5/2/20 5/3/20 5/4/20	TIH and di intermedia Drilling interse wate screens w Drilling ah and chemi POOH lay the hole to Displace to Displ	2,312  Crill out shoe the section.  ermediate sr. Run Cerith Higher Aread on intectal addition down BHAread bottom. Comment with	2,280  Fomment:  E track. FIT MW 9.7pp  section, Contrifuge for s API # .  Tracklate sun for proper	s: 11.6EMW.  11.	Resume ditions of Die rol, change natain dilutions casing and menting.	rilling on esel and wore out	5/8/20 5/9/20 5/10/20	2,280	•		,	2,280	2,280	5/15/20 5/16/20 5/17/20	2,280	,	,	•	2,280	2,280
-	Ending System Volume	5/1/20 5/2/20 5/3/20 5/4/20	TIH and di intermedia Drilling interse wate screens w Drilling ah and chemi POOH lay the hole to Displace to Displ	2,312  Crill out shoe the section.  ermediate sr. Run Cerith Higher Aread on intectal addition down BHAread bottom. Comment with	2,280  Fomment:  E track. FIT MW 9.7pp  section, Contrifuge for s API # .  Tracklate sun for proper	s: 11.6EMW.  11.	Resume ditions of Die rol, change natain dilutions casing and menting.	rilling on esel and wore out	5/8/20 5/9/20 5/10/20 5/11/20	2,280	•		,	2,280	2,280	5/15/20 5/16/20 5/17/20 5/18/20	2,280	,	,	•	2,280	2,280
-	Ending System Volume	5/1/20 5/2/20 5/3/20 5/4/20	TIH and di intermedia Drilling interse wate screens w Drilling ah and chemi POOH lay the hole to Displace to Displ	2,312  Crill out shoe the section.  ermediate sr. Run Cerith Higher Aread on intectal addition down BHAread bottom. Comment with	2,280  Fomment:  E track. FIT MW 9.7pp  section, Contrifuge for s API # .  Tracklate sun for proper	s: 11.6EMW.  11.	Resume ditions of Die rol, change natain dilutions casing and menting.	rilling on esel and wore out	5/8/20 5/9/20 5/10/20 5/11/20	2,280	•		,	2,280	2,280	5/15/20 5/16/20 5/17/20 5/18/20	2,280	,	,	•	2,280	2,280
-	Ending System Volume	5/1/20 5/2/20 5/3/20 5/4/20	TIH and di intermedia Drilling interse wate screens w Drilling ah and chemi POOH lay the hole to Displace to Displ	2,312  Crill out shoe the section.  ermediate sr. Run Cerith Higher Aread on intectal addition down BHAread bottom. Comment with	2,280  Fomment:  E track. FIT MW 9.7pp  section, Contrifuge for s API # .  Tracklate sun for proper	s: 11.6EMW.  11.	Resume ditions of Die rol, change natain dilutions casing and menting.	rilling on esel and wore out	5/8/20 5/9/20 5/10/20 5/11/20	2,280	•		,	2,280	2,280	5/15/20 5/16/20 5/17/20 5/18/20	2,280	,	,	•	2,280	2,280
-	Ending System Volume	5/1/20 5/2/20 5/3/20 5/4/20	TIH and di intermedia Drilling interse wate screens w Drilling ah and chemi POOH lay the hole to Displace to Displ	2,312  Crill out shoe the section.  ermediate sr. Run Cerith Higher Aread on intectal addition down BHAread bottom. Comment with	2,280  Fomment:  E track. FIT MW 9.7pp  section, Contrifuge for s API # .  Tracklate sun for proper	s: 11.6EMW.  11.	Resume ditions of Die rol, change natain dilutions casing and menting.	rilling on esel and wore out	5/8/20 5/9/20 5/10/20 5/11/20	2,280	•		,	2,280	2,280	5/15/20 5/16/20 5/17/20 5/18/20	2,280	,	,	•	2,280	2,280
-	Ending System Volume	5/1/20 5/2/20 5/3/20 5/4/20 5/5/20	TIH and di intermedia Drilling interse wate screens w Drilling ah and chemi POOH lay the hole to Displace to Displ	2,312  Crill out shoe the section.  ermediate sr. Run Cerith Higher Aread on intectal addition down BHAread bottom. Comment with	2,280  Fomment:  E track. FIT MW 9.7pp  section, Contrifuge for s API # .  Tracklate sun for proper	s: 11.6EMW.  11.	Resume ditions of Die rol, change natain dilutions casing and menting.	rilling on seel and wore out n rates d run in Will Is losst on	5/8/20 5/9/20 5/10/20 5/11/20 5/12/20	2,280	•		,	2,280	2,280	5/15/20 5/16/20 5/17/20 5/18/20 5/19/20	2,280	,	,	•	2,280	2,280
-	Ending System Volume	5/1/20 5/2/20 5/3/20 5/4/20	TIH and di intermedia Drilling interse wate screens w Drilling ah and chemi POOH lay the hole to Displace to Displ	2,312  Crill out shoe the section.  ermediate sr. Run Cerith Higher Aread on intectal addition down BHAread bottom. Comment with	2,280  Fomment:  E track. FIT MW 9.7pp  section, Contrifuge for s API # .  Tracklate sun for proper	s: 11.6EMW.  11.	Resume ditions of Die rol, change natain dilutions casing and menting.	rilling on seel and wore out n rates d run in Will Is losst on	5/8/20 5/9/20 5/10/20 5/11/20	2,280	•		,	2,280	2,280	5/15/20 5/16/20 5/17/20 5/18/20	2,280	,	,	•	2,280	2,280

110 Old Market St. St Martinville, LA 70582

### **OUTSOURCE FLUID SOLUTIONS LLC.**

0.0°

0' TVD

TEL: (337) 394-1078

	NOLIA C	OIL & G	SAS		TTERS	ON		HINGTON	1		Start Date 14/29/2	20	hr ftg.				0,3	35 ft	t
Vell Name and No.	D CANY	ON A	- 1H	Rig Name ar	nd No. <b>248</b>		State TI	EXAS		Spud Date	• )4/28/2		urrent R	ROP	Act	ivity			
Report for				Report for			Field / OCS-G #			Fluid Type	9	Ci	rculatin	-	Circ	culatin	g Pres	sure	
JAMES D	YER / E	OBBY	GWIN	Тс	ool Pusi	her	GID	DINGS			OBN			0 gpm					
			TY SPECIF	ı		T		LUME (BB			PUMP #			PUMP #2				oos	TER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	0 k		Liner			iner S			ner S			
9.3-10.2	8-20	5-12	>300	±264K	<10 <25		In Hole			Strok			Strok			Strok			
F O	<b>T</b> -1			5/4/20		5/4/20	Active	0 k		bbl/s		0.0915	bbl/st			obl/s		0.0	0000
Fime Sample				2:00		13:00	Storage			stk/m			stk/m			stk/m			0
Sample Locati Flowline Temp				suction		suction	Tot. on Lo	270 cation 470 PHHP = 0	DDI	gal/m		0	gal/m		`	gal/m			0 64.036
Depth (ft)	erature r			10,335'		10,335'	F	Bit Depth =	,	I		shout = 0°			Pump Ef				
Mud Weight (p	nna)			10,333		10,333		Volume		0.0 b		Strokes To				ne To		. 33 /	
Funnel Vis (se			@ 110 °F	58		56	Drill String Disp.	Bottoms Up		0.0 t		ottomsUp S			Bottoms				
600 rpm	:c/qt)		@ 110 1	46		45	0.0 bbl	TotalCire		0.0 t		TotalCirc.S			Total C	·			
300 rpm				28		27	0.0 551	DRILLING					JIKS	S	OLIDS C			<u> </u>	
200 rpm	·					22	Tubulars	OD (in.)		(in.)	Lengt		+	Unit		cree			ours
100 rpm	•					16	Drill Pipe			()	0'			Shaker		40-8		110	uio
6 rpm						7	Hevi Wt				ŭ	0'		Shaker		40-8			
3 rpm	•					6	Dir. BHA					0'		Shaker		40-8			
Plastic Viscosi	itv (cp)		@ 150 °F	6 18		18						0'		Centrifug					
rield Point (lb/			T0 = 4	10		9		CASIN	G & F	IOLE D	ATA								
Gel Strength (		10	sec/10 min	7/11		6/10	Casing	OD (in.)		(in.)	Deptl	n Top	_						
Gel Strength (	lb/100 ft <sup>2</sup> )		30 min	16		14	Riser					•	-	VOLUM	E ACCC	UN.	TING	(bb	ls)
HTHP Filtrate	•	n)	@ 250 °F	6.0		6.0	Surface	10 3/4			3,000	o' 0'			otal on L				470.4
HTHP Cake T	hickness (3	32nds)		2.0		2.0	Int. Csg.	7 5/8	6.8	875	10,24	5' 0'		Transfe	rred In(+	·)/Oι	ıt(-)		
Retort Solids (	Content			13%		13%	Washout 1								Oil Ac				0.0
Corrected Soli	ds (vol%)			10.8%		10.8%	Washout 2							E	Barite Ad	lded	(+)		0.0
Retort Oil Con	tent			64%		64%	Oper	n Hole Size	0.0	000	10,33	5'		Other Pr	oduct Us	age	(+)		0.0
Retort Water (	Content			23%		23%	AN	NULAR GE	OME	TRY &	RHEOL	OGY		١	Vater Ad	lded	(+)		
D/W Ratio				74:26		74:26	annula	r me	as.	veloc	city flo	ow ECD	)	Le	ft on Cut	tings	s (-)		0.0
Whole Mud Ch	nlorides (m	g/L)		54,000		54,500	section	dep	pth	ft/m		eg lb/ga	al	Non-Rec	overable	Vol	. (-)		
Water Phase S	Salinity (pp	m)		269,091		270,907					•			9	Spacer II	nterf	ace		
Whole Mud Al	kalinity, Po	m		1.8		1.7								Est. T	otal on L	.oca	tion		470.4
Excess Lime (	lb/bbl)			2.3 ppb		2.2 ppb								Est. Loss	ses/Gain	s (-)	/(+)		0.0
Electrical Stab	ility (volts)			465 v		445 v								BIT	HYDRAI	JLIC	S D	ATA	
Average Spec	ific Gravity	of Solids	3	3.32		3.31							E	Bit H.S.I.	Bit ∆F	1	Nozzl	es (3	2nds)
Percent Low G	Bravity Soli	ds		4.8%		4.9%													
opb Low Grav	ity Solids			40 ppb		40 ppb							В	Bit Impact	Nozzle Velocit			_	
Percent Barite				6%		6%								Force	(ft/sec	_			
opb Barite				86 ppb		86 ppb	BIT D	ATA	Ма	nuf./Ty	ре								
Estimated Total	al LCM in S	System	ppb				Size	Depth In	Но	ours	Foota	ge ROP ft	/hr	Motor/M\	ND C	alc.	Circ.	Pres	ssure
Sample Taker	Ву			A. Roman	0	M Washburn													
Remarks/Reco	mmendatio	ns:					Rig Activity:												
OBM Tran	sfer out to	next we	ell173	30 bbls															
OBM ON H							sack and inside In Intermed	job compled Liquid matermediate liate sections it is only	ateria Casi n. M	I to nex ing. Tr lud in th	kt well ansfer he acti	_evi Good 1730bbls ⁄e system	Irich to ne cut b	U2-3H. 4 ext well to back to 9	470bbls o resum .5ppg.	of ( ie di	OBM rilling	left g on	
Eng. 1: Mi	ke Washbu	m Ei	ng. 2: Adolf	o Roman	WH 1:	MIDLA	AND \	WH 2:	WH #	2	Rig F	hone:	С	Daily Total		Cun	nulati	ve C	ost
Phone: 30	61-945-577	7 PI	none: 956-8		Phone:		-7361 P	hone:	-										_
W P Y	E C	g G	н о	Anv on	mon and or	Leconnine	allon, expresse	a otaliv or wei	ten he	rein. hac	been nre	epared		\$0.00		•	2,47	0 4	2

INCLUDING 3RD PARTY CHARGES

\$0.00

\$43,932.40

Date 05/05/20	Operator	NOLIA OIL	2 CAS	Well Name a	ind No. D CANYON	I A 1LL	Rig Name an		Report No.	ort #7
05/05/20		USAGE 8		GRANI	CANTON	1 А - ТП		<del>1</del> 8	•	LATIVE
Item	Unit	Unit Cost	Previous	Received	Closing	Daily	Daily Cost		Cum	Cum Cost
			Inventory	Received	Inventory	Usage	Daily Cost		Usage	Cuili Cost
ALUMINUM TRISTEARATE SAPP (50)	25# sk 50# sk	\$162.83 \$44.56							40	\$1,782.40
PHPA LIQUID (pail)	5 gal	\$41.36							-1	-\$41.36
DYNADET	5 gal	\$32.23							-4	-\$128.92
CACL2 (50)	50# sk	\$14.32							84	\$1,202.88
LIME (50)	50# sk	\$5.00							100	\$500.00
BENTONE 910 (50)	50# sk	\$59.40							6	\$356.40
BENTONE 990 (50) OPTI - G	50# sk 50# sk	\$83.59 \$30.59							F0	\$1,529.50
OPTI - MUL	gal	\$10.75								\$2,956.25
OPTI - WET	gal	\$8.34								\$2,293.50
NEW PHALT	50# sk	\$38.72							60	
NEW CARB (M)	50# sk	\$5.25							40	\$210.00
MAGMAFIBER F (25)	25# sk	\$28.05							36	\$1,009.80
OIL SORB (25)	25# sk	\$4.75							20	\$95.00
NEW WATE (SACK BARITE)	100# sk	\$11.50								
BARITE BULK (100)	100# sk	\$7.00							310	\$2,170.00
OPTI DRILL (OBM)	bbl	\$65.00	470		470					
		<u></u>			<u></u>					
ENGINEERING (24 HR)	each	\$925.00								\$11,100.00
ENGINEERING (DIEM)	bbl	\$30.00 \$1.00							12	\$360.00
ENGINEERING (MILES)	each	φ1.00								
TRUCKING (cwt)	each	\$2.65							1279	
TRUCKING (min)	each	\$795.00							1	\$795.00
PALLETS (ea)	oooh	\$12.00							24	\$288.00
PALLETS (ea) SHRINK WRAP (ea)	each each	\$12.00 \$12.00							24	\$288.00 \$288.00
V1	2.30	Ţ.2.00	1							*
					Cumulat	ive Total \$	32,479.48		\$32,4	79.48
		<u> </u>			<u> </u>			l		

Date	Operator			Well Name a	nd No.		Rig Name ar	nd No.	Report No.	
05/05/20	MAG	NOLIA OIL	& GAS	GRANI	CANYON	I A - 1H	2	48	Repo	rt #7
	DAILY	USAGE 8	k COST						CUMUL	ATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel Transfer from 3H	gal	\$0.91							7401	\$6,734.91
Diesel Delivery 5/1/20	gal	\$0.87							5423	\$4,718.01
Diesel Delivery 5/3/20	gal	\$0.96								
								1		
							1		_	
									\$11,4	52.92
	1									
	Cum	ulative Tota	I AES & 3rd	Party \$43,	932.40					
						1				

FLUID VOLUME ACCOUNTING

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: GRA

GRAND CANYON A - 1H

					WEEK 1							WEEK 2							WEEK 3			
	Date	5/1/20         5/2/20         5/3/20         5/4/20         5/5/20         5/6/20         5/7/20         5/8/20         5/9/20         5/10/20         5/11/2           Fri         Sat         Sun         Mon         Tue         Wed         Thu         Fri         Sat         Sun         Mon												5/13/20	5/14/20	5/15/20	5/16/20	5/17/20	5/18/20	5/19/20	5/20/20	5/21/20
	Dato												Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu
	Bit Size	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	Wed	IIIu	- ' ' '	Jai	Juli	WOII	Tue	Wed	iiiu		Jai	Juli	WIOII	Tue	Wed	IIIu
	Starting Depth	3,000	3,186	8,600	10,330	10,335	10,335															
	<u> </u>						10,333															
	Ending Depth	3,186	8,600	10,330	10,335	10,335																
·	Footage Drilled	186	5,414	1,730	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
695	New Hole Vol.	18	513	164	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Starting System Volume	2,171	2,172	2,312	2,312	2,280	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470
28	Chemical Additions	5	18	5	-	-																
318	Base Fluid Added	7	199	101	12	-																
22	Barite Increase	-	-	22	-	-																
-	Weighted Mud Added	-	-	-	-	-																
-	Slurry Added	-	-		-	-																
167	Water Added	-	111	46	10	-																
	Added for Washout	-	-		-	-																
	Total Additions	11	328	174	22	_	_	_	_	-	-	-	-	_	_	_	_	_	-	-	_	_
	Surface Losses Formation Loss	-	-	-	31	40												-				1
		-	-	-	-	-																
	Mud Loss to Cuttings	11	153	108	-	-																
	Unrecoverable Volume	-	15	41	11	20																
76	Centrifuge Losses	-	20	24	12	20																
506	Total Losses	11	188	173	54	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,730	Mud Transferred Out	-	-	-	-	1,730																
470	Ending System Volume	2,172	2,312	2,312	2,280	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470
-	Mud Recovered	-																				
				C	omment	8.					C	omment	s.					C	omment	8.		
					011111101110	<u>.                                    </u>						01111110111	··						011111101110	·		
			TIH and dr intermedia				Resume d	rilling on	5/8/20							5/15/20						
			Drilling inte	ermediate (	section, Co	nstant addi	tions of Die	sel and														
441		5/2/20	fresh wate	r. Run Cer	ntrifuge for				5/9/20							5/16/20						
		5/3/20 Drilling ahead on intermediate setion. Maintain dilutio and chemical addition for properties.							5/10/20							5/17/20						
		5/4/20	POOH lay the hole to Displace of trip and Ca	bottom. C ement with	irculate BL	J prior to ce	ementing. \	Nill	5/11/20							5/18/20						
			Transfer C						5/12/20							5/19/20						
		5/6/20							5/13/20							5/20/20						
		5/7/20							5/14/20							5/21/20						

**OUTSOURCE FLUID SOLUTIONS LLC.** 

12.1°

5,238' TVD

TEL: (337) 394-1078

	NOLIA (	OIL & C	GAS		TTERS	ON		Block HINGTON			art Date /29/20		0 ft			Depth 10,33	5 ft	
_	D CAN	YON A	- 1H	Rig Name ar	248			EXAS			/28/20	)	0 ft/hr			TIH/		
Report for  JAMES D	YER / I	BOBBY	Y GWIN	Report for	ol Pusi	ner	Field / OCS-G #	DINGS	F	Fluid Type	ОВМ	Circul	ating Rate  O gpm		Circula	ing Press		
			RTY SPECIF					LUME (BBI	_)		JMP #1		PUMP #2		RIS	ER BO		ER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	943	-	Liner Siz	ze 5	.25 Line	r Size 5.	.25	Liner	Size		
8.9-10.2	8-20	5-12	>300	±260K	<10 <25	<10	In Hole	443	bbl	Stroke		12 Str	oke 1	12	Stro	ke		
			1	6/23/20		6/22/20	Active	1154	bbl	bbl/stk	0.0	0763 bb	l/stk 0.0	763	bbl	stk	0.00	000
Time Sample	Taken			2:00		13:00	Storage	± 1898	bbl	stk/min	1	0 stk	:/min	0	stk/	min		
Sample Location	on			suction		In Csg.	Tot. on Lo	cation 3284	bbl	gal/min	1	0 ga	l/min	0	gal/	min	C	)
Flowline Temp	erature °F	=						PHHP = 0	ı		CIRCU	LATION DA	ATA		n = 0	.737 k	ζ = 77	7.206
Depth (ft)				10,335'		10,335'	Bit	Depth = 5,30	00 '		Wasl	nout = 1%		Pump	Effici	ency =	95%	)
Mud Weight (p	pg)			9.3		10.1	Drill String	Volume	to Bit	73.6 bb	ol s	trokes To Bit	t		Time <sup>-</sup>	Го Bit		
Funnel Vis (se	c/qt)		@ 90 °F	43		56	Disp.	Bottoms Up	Vol.	137.8 bl	bl Bot	omsUp Stks	i	Bottor	nsUp	Time		
600 rpm				25		45	31.9 bbl	TotalCirc	.Vol.	1154.4 b	bl T	otalCirc.Stks	i	Total	l Circ.	Time		
300 rpm				15		27		DRILLING	ASSI	EMBLY I	DATA		S	OLIDS	S COI	NTROL	-	
200 rpm	<u> </u>					22	Tubulars	OD (in.)	ID (	in.) L	Length	Тор	Unit		Scre	ens	Hou	urs
100 rpm	•					16	Drill Pipe	4.500	3.8	326	2,513'	0'	Shaker	r 1	17	<b>7</b> 0	12	.0
6 rpm	•					7	Agitator	5.250	2.5	600	32'	2,513'	Shaker	r 2	17	70	12	.0
3 rpm	•					6	Drill Pipe	4.500	3.8	326	2,609'	2,546'	Shaker	r 3	17	70	12	.0
Plastic Viscosi	stic Viscosity (cp) @ 15			10		18	Dir. BHA	5.250	2.0	000	146'	5,154'	Centrifuç	ge 1				
Yield Point (lb/	'100 ft²)		T0 = 3	5		9		CASIN	3 & H	OLE DA	TA							
Gel Strength (I	b/100 ft <sup>2</sup> )	10	sec/10 min	5/9		6/10	Casing	OD (in.)	ID (	in.)	Depth	Тор						
Gel Strength (I	b/100 ft <sup>2</sup> )		30 min	12		14	Riser						VOLUN	IE AC	coul	NTING	(bbl	s)
HTHP Filtrate	(cm/30 mi	in)	@ 250 °F	8.0		6.0	Surface	10 3/4		;	3,000'	0'	Prev. T	Total o	n Loc	ation	33	310.4
HTHP Cake TI	hickness (	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.8	375 1	10,245'	0'	Transfe	erred Ir	n(+)/C	Out(-)	-	-26.9
Retort Solids C	Content			10%		13%	Washout 1							Oil	Adde	d (+)		0.0
Corrected Solid	ds (vol%)			8.3%		10.8%	Washout 2							Barite	Adde	d (+)		0.0
Retort Oil Cont	tent			70%		64%	Oper	Hole Size	6.8	318 1	10,335'		Other Pi	roduct	Usag	e (+)		0.0
Retort Water C	Content			20%		23%	AN	NULAR GE	OMET	RY & RI	HEOLO	GY		Water	Adde	d (+)		
O/W Ratio				78:22		74:26	annula			velocity			Le	eft on C	Cutting	gs (-)		0.0
Whole Mud Ch	nlorides (n	ng/L)		43,000		54,500	section	dep	otri	ft/min	reg	lb/gal						
Water Phase S		· ′		252,134		270,907												
Whole Mud All	•	om		1.0		1.7	6.875x4			0.0	lam			Total o		_	32	283.5
Excess Lime (I				1.3 ppb		2.2 ppb	6.875x5.			0.0	lam		Est. Los					0.0
Electrical Stab				420 v		445 v	6.875x4			0.0	lam			l		CS DA		
Average Speci	•		s	3.14 4.5%		3.31	6.875x5.	25 5,30	00'	0.0	lam	9.30	Bit H.S.I.	Bit .		Nozzle	· 	
	rcent Low Gravity Solids					4.9%							0.00	-	si		16	16
	b Low Gravity Solids					40 ppb							Bit Impact Force	Noz Velo	city	16	16	16
	rcent Barite					6%	DIT D	474		· ( /T · · ·		// // // // // // // // // // // // //	_	(ft/s	ŕ			
ppb Barite	all CN4 :-	Cuete	nnt-	54 ppb		86 ppb	Size	1		nuf./Type	ootage	ROP ft/hr	0 lbs Motor/M	WD 0		. Circ. I	Droc	CUTO
Estimated Total Sample Taken		System	ppb	A. Roman	0	M Washburn	6 3/4	Depth In 10,245 ft	Hou	uio   F	ootage	NOF IVIII	2,240		Caic	. OIIC. I	168	∍ui €
Remarks/Reco		ons:		A. Noman	J		Rig Activity:	10,240 II					۷,۷40	POI				
			blo: : 470	bble l-#.	noido O-	oine	ANG MOUVILY:											
OBM Rece			·			sing												
OBM On S	urface	2,840	bbls (Stora	ge + Activ	ve Pits)			ed testing α and make ι							•			
OBM Daily	Gan/Los	ss (	0); Tota	I Gain/Lo	ss(0	)	(good).	Continue to Circulating a	TIH,	pick up	agitate	or and con	tinue TIH t	o read	ch to	p of flo	oat	

Discounted OBM (260bbls--11#) -----\$15.00/bbl Eng. 1: Mike Washburn Eng. 2: Adolfo Roman WH 1: MIDLAND WH 2: WH #2 Rig Phone: Daily Total 361-945-5777 Phone: 956-821-9994 Phone: 432-686-7361 Phone: Phone: Any opinion and or recommendation, expressed orally or written herein, has been prepared carefully and may be used if the user so elects, however, no representation is made as to the validity of this information, and this is a recommendation only. g 1 \$1,910.00 0

At this time bit passing 5500'.

**INCLUDING 3RD PARTY CHARGES** 

14.5# Kill OBM (408bbl)----9# OBM (1230bbls)---- \$65.00/bbl

collar. Circulating active system to blend 9# with 10.1# been displaced from well.

\$1,910.00

Cumulative Cost

\$34,389.48

\$45,842.40

Date <b>06/23/20</b>	Operator <b>MAG</b> I	NOLIA OIL	& GAS	Well Name a GRANI	ind No. D CANYON	I A - 1H	Rig Name ar	d No. <b>48</b>	Report No. Repo	ort #9
	DAILY	USAGE 8	& COST						CUMU	LATIVE
lt a ma	11-24	11-11-01	Previous	D i I	Closing	Daily	Daile Card		Cum	0
Item	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost		Usage	Cum Cos
ALUMINUM TRISTEARATE		****								A
SAPP (50)	50# sk	\$44.56								\$1,782.40
PHPA LIQUID (pail)	5 gal	\$41.36			88				-1	-\$41.36
DYNADET	5 gal	\$32.23			075				-4	-\$128.92
EVO-LUBE	gal	\$14.00			975					
NEW GEL (PREMIUM)	100# sk	\$19.75	70		70					
0.4.01.0.(50)	50"	<b>04400</b>	00.4		20.4					<b>#</b> 4 000 0
CACL2 (50)	50# sk	\$14.32			224				84	· ,
LIME (50)	50# sk	\$5.00			210				100	\$500.00
BENTONE 910 (50)	50# sk	\$59.40			1				6	\$356.4
BENTONE 990 (50)	50# sk	\$83.59			53					
OPTI - G	50# sk	\$30.59			175				50	\$1,529.5
OPTI - MUL	gal	\$10.75			550					\$2,956.2
OPTI - WET	gal	\$8.34			495				275	
NEW PHALT	50# sk	\$38.72			55				60	\$2,323.2
NEW CARB (M)	50# sk	\$5.25			15				40	\$210.00
MAGMAFIBER F (25)	25# sk	\$28.05							36	\$1,009.80
CYBERSEAL	25# sk	\$21.47			120					
OIL SORB (25)	25# sk	\$4.75			28				20	\$95.00
BENTONE 38 (50)	50# sk	\$163.94	50		50					
NEW WATE (SACK BARITE)	100# sk	\$11.50	160		160					
BARITE BULK (100)	100# sk	\$7.00	1000		1000				310	\$2,170.00
DYNA FIBER MED.	25# sk	\$53.67	120		120					
FIBER PLUG	30# sk	\$30.37	15		15					
MAGMAFIBER R (30)	30# sk	\$28.05			78					
							<u> </u>			
							<u> </u>			
							<del>                                     </del>			
							<del>                                     </del>			
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							1			
							1			
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	+	1					-		-	
	+	1					-		-	
	-									
		-								
		<del>                                     </del>								
		1					1			
ODTI DDILL (ODM)		<b>#</b> 0= = -	00=0		20-1		1			
OPTI DRILL (OBM)	bbl	\$65.00	3050		3050		1			
DIOCOLINITES CONT	_	<b>*</b> · -					-			
DISCOUNTED OBM	bbl	\$15.00	260		260		-			
							-			
							1			
							1			
		ļ								
		ļ					1			
ENGINEERING (24 HR)	each	\$925.00					\$1,850.00			\$12,950.00
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00		14	\$420.00
ENGINEERING (MILES)	each	\$1.00								
TRUCKING (cwt)	each	\$2.65							1279	\$3,389.83
TRUCKING (min)	each	\$795.00							1	\$795.00
PALLETS (ea)	each	\$12.00							24	\$288.00
SHRINK WRAP (ea)	each	\$12.00							24	\$288.00
		D-11 0	ub Tetal At	1 040 00	C	ivo Tatal A	24 200 40		6040	00.40
		Daily S	ub-Total \$1	.,310.00	Guindiati	ive Total \$	JT,J0J.40		<b>φ34,3</b>	89.48

Date	Operator			Well Name a	nd No.		Rig Name ar	id No.	Report No.	
06/23/20	MAGI	NOLIA OIL	& GAS	GRANI	CANYON	I A - 1H	2	48	Repo	ort #9
	DAILY	USAGE 8	k COST						CUMUL	ATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel Transfer from 3H	gal	\$0.91							7401	\$6,734.91
Diesel Delivery 5/1/20	gal	\$0.87							5423	\$4,718.01
Diesel Delivery 5/3/20	gal	\$0.96								
Diesel Transfer from 3H	gal	\$1.30	8304		8304					
Turbo Chem / First Response	25# sk	\$41.75	130		130					
	<u> </u>								_	F0.55
									\$11,4	52.92
	-					<del></del>				
	Cum	ulative Tota	I AES & 3rd	Party \$45	842.40					
	<u> </u>					I				

FLUID VOLUME ACCOUNTING

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name:

Well Name:

MAGNOLIA OIL & GAS

248

GRAND CANYON A - 1H

					WEEK 1							WEEK 2							WEEK 3			
	Date	6/22/20	6/23/20	6/24/20	6/25/20	6/26/20	6/27/20	6/28/20	6/29/20	6/30/20	7/1/20	7/2/20	7/3/20	7/4/20	7/5/20	7/6/20	7/7/20	7/8/20	7/9/20	7/10/20	7/11/20	7/12/20
		Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun
	Bit Size	6 3/4	6 3/4																			
Grand	Starting Depth	10,335	10,335	10,335																		
Totals	Ending Depth	10,335	10,335																			
-	Footage Drilled	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	New Hole Vol.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Starting System Volume	470	3,310	3,284	3,284	3,284	3,284	3,284	3,284	3,284	3,284	3,284	3,284	3,284	3,284	3,284	3,284	3,284	3,284	3,284	3,284	3,284
-	Chemical Additions	-	-																			
-	Base Fluid Added	-	-																			
-	Barite Increase	-	-																			
2,840	Weighted Mud Added	2,840	-																			
-	Slurry Added	-	-																			
-	Water Added	-	-																			
-	Added for Washout	-	-																			
2,840	Total Additions	2,840	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Surface Losses	-																				
-	Formation Loss	-	-																			
-	Mud Loss to Cuttings	-	-																			
-	Unrecoverable Volume	-	-																			
-	Centrifuge Losses	-	-																			
-	Total Losses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	Mud Transferred Out	-	26																			
0.004																						
3,284	Ending System Volume	3,310	3,284	3,284	3,284	3,284	3,284	3,284	3,284	3,284	3,284	3,284	3,284	3,284	3,284	3,284	3,284	3,284	3,284	3,284	3,284	3,284
3,284	Ending System Volume  Mud Recovered	3,310	3,284	3,284	3,284	3,284	3,284	3,284	3,284	3,284	3,284	3,284	3,284	3,284	3,284	3,284	3,284	3,284	3,284	3,284	3,284	3,284
			3,284	,		,	3,284	3,284	3,284	3,284		,		3,284	3,284	3,284	3,284				3,284	3,284
			3,284	,	3,284 Comment	,	3,284	3,284	3,284	3,284		3,284 omment		3,284	3,284	3,284	3,284		3,284 Comment		3,284	3,284
3,284			Transfer s	C ack materia	<b>Comment</b> al and OBM	s:		12.211	3,284 6/29/20	3,284		,		3,284	3,284	7/6/20	3,284				3,284	3,284
- 3,284		-	Transfer s	C ack materia	omment	s:		12.211		3,284		,		3,284	3,284	,	3,284				3,284	3,284
3,284	Mud Recovered	-	Transfer s Skid Rig /	ack materia Nipple Up, s, Pick up a	<b>Comment</b> al and OBM	S: I from Levi	Goodrich l	J2-3H.		3,284		,		3,284	3,284	,	3,284				3,284	3,284
-	Mud Recovered	6/22/20	Transfer s Skid Rig /	ack materia Nipple Up, s, Pick up a	Comment al and OBM Test BOP's	S: I from Levi	Goodrich l	J2-3H.	6/29/20	3,284		,		3,284	3,284	7/6/20	3,284				3,284	3,284
-	Mud Recovered	6/22/20	Transfer s Skid Rig /	ack materia Nipple Up, s, Pick up a	Comment al and OBM Test BOP's	S: I from Levi	Goodrich l	J2-3H.	6/29/20	3,284		,		3,284	3,284	7/6/20	3,284				3,284	3,284
<u> </u>	Mud Recovered	6/22/20	Transfer s Skid Rig /	ack materia Nipple Up, s, Pick up a	Comment al and OBM Test BOP's	S: I from Levi	Goodrich l	J2-3H.	6/29/20	3,284		,		3,284	3,284	7/6/20	3,284				3,284	3,284
<u> </u>	Mud Recovered	6/22/20 6/23/20 6/24/20	Transfer s Skid Rig /	ack materia Nipple Up, s, Pick up a	Comment al and OBM Test BOP's	S: I from Levi	Goodrich l	J2-3H.	6/29/20 6/30/20 7/1/20	3,284		,		3,284	3,284	7/6/20 7/7/20 7/8/20	3,284				3,284	3,284
-	Mud Recovered	6/22/20	Transfer s Skid Rig /	ack materia Nipple Up, s, Pick up a	Comment al and OBM Test BOP's	S: I from Levi	Goodrich l	J2-3H.	6/29/20	3,284		,		3,284	3,284	7/6/20	3,284				3,284	3,284
-	Mud Recovered	6/22/20 6/23/20 6/24/20 6/25/20	Transfer s Skid Rig /	ack materia Nipple Up, s, Pick up a	Comment al and OBM Test BOP's	S: I from Levi	Goodrich l	J2-3H.	6/29/20 6/30/20 7/1/20	3,284		,		3,284	3,284	7/6/20 7/7/20 7/8/20 7/9/20	3,284				3,284	3,284
-	Mud Recovered	6/22/20 6/23/20 6/24/20	Transfer s Skid Rig /	ack materia Nipple Up, s, Pick up a	Comment al and OBM Test BOP's	S: I from Levi	Goodrich l	J2-3H.	6/29/20 6/30/20 7/1/20	3,284		,		3,284	3,284	7/6/20 7/7/20 7/8/20	3,284				3,284	3,284
-	Mud Recovered	6/22/20 6/23/20 6/24/20 6/25/20	Transfer s Skid Rig /	ack materia Nipple Up, s, Pick up a	Comment al and OBM Test BOP's	S: I from Levi	Goodrich l	J2-3H.	6/29/20 6/30/20 7/1/20 7/2/20	3,284		,		3,284	3,284	7/6/20 7/7/20 7/8/20 7/9/20	3,284				3,284	3,284
-	Mud Recovered	6/22/20 6/23/20 6/24/20 6/25/20	Transfer s Skid Rig /	ack materia Nipple Up, s, Pick up a	Comment al and OBM Test BOP's	S: I from Levi	Goodrich l	J2-3H.	6/29/20 6/30/20 7/1/20	3,284		,		3,284	3,284	7/6/20 7/7/20 7/8/20 7/9/20	3,284				3,284	3,284
-	Mud Recovered	6/22/20 6/23/20 6/24/20 6/25/20	Transfer s Skid Rig /	ack materia Nipple Up, s, Pick up a	Comment al and OBM Test BOP's	S: I from Levi	Goodrich l	J2-3H.	6/29/20 6/30/20 7/1/20 7/2/20	3,284		,		3,284	3,284	7/6/20 7/7/20 7/8/20 7/9/20	3,284				3,284	3,284

TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

21.4° 10,239' TVD

MAGN Well Name and No.	IOLIA C	OIL & G	AS	Contractor PA Rig Name ar	TTERS	ON	County / Paris WAS State	h / Block HINGTO	N		er Start Da <b>04/29/</b> Pate		24 hr ft	49 ft		Orilled D	Depth 10,384	4 ft	
	D CANY	ON A	· 1H	rug rumo u	248			EXAS			04/28/	20	Curron	21 ft/hr		,	LG C	UR'	۷E
Report for  JAMES D	VED / E	OPPV	CWIN	Report for	ol Push	201	Field / OSC-G	# DDINGS		Fluid Ty	ype OBN	ı		ating Rate			ng Press		
JAIVIES D						iei					PUMP			340 gpm PUMP #2			,620 ER BO	•	
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	OLUME (B	3 bbl	Liner		5.25	Lina	r Size 5.	25	Liner		031	EK
8.8-10.2	8-20	5-12	>300	±260K	<10 <25	<10	In Hole		7 bbl	Stro		12			2	Stro			
0.0-10.2			PERTIES	±200K	< 10 <25	<10	Active		o bbl	bbl		0.0763			763	bbl/			
Time Comple		JU PKUP	EKIIES	2:00		13:00						53			3				
Time Sample				suction		shaker	Storag	cation 325	98 bbl	stk/		170			70	stk/r			
Sample Locati Flowline Temp				Suction		121 °F	Mud Wt. :		/=10	gal/ YP			J			gal/r	.737 ł	<u> </u>	77.2
<u> </u>	erature r			10,335'		10,384'		epth = 10		11				ON DATA			ency = 1		
Depth (ft)							BILL	· I		145		shout =							
Mud Weight (p			@ 440.05	9.3		8.9	Drill String Disp.	Volum				Strokes		,-			o Bit		
Funnel Vis (se	c/qt)		@ 110 °F	43		45		Bottoms l	•			ottomsU	•	•	Bottom	•		34 r	
600 rpm				25 15		28	59.6 bbl	TotalC				TotalCir	c.Stks	1			Time		HIN
300 rpm	·					18	Tubul	OD (in )					or				ITROL		ırc
200 rpm	•					15		OD (in.)		(in.)	Lengtl		ор	Unit		Scre		Ηοι	ırs
100 rpm	rpm s rpm					10	Drill Pipe			826	7,597		-07!	Shaker		17			
•	rpm					6	Agitator			500	32'	,	597'	Shaker		17			
•	•					5	Drill Pipe			826	2,609	,	630'	Shaker		17	0		
	,		@ 150 °F	10		10	Dir. BHA			000	146'	10,	238'	Centrifug	je 1				
Yield Point (lb/			T0 = 3			8					DATA								
Gel Strength (			ec / 10 min	5/9		5/8	Casing	OD (in.)	טו	(in.)	Depth	ı	ор	V01.118	- A O C		ITINIO		
Gel Strength (			30 min	12		9	Riser							VOLUN				•	
HTHP Filtrate		-	@ 250 °F			8.0		10 3/4			3,000			Prev. T				32	83.5
HTHP Cake TI		(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.8	875	10,245	ı'		Transfe		` ,	. ,		
Retort Solids (				10%		9%	Washout 1									Adde	` ,		
Corrected Soli				8.3%		7%	Washout 2				40.00				Barite A		( )		
Retort Oil Con				70%		68%		Hole Size		818	10,384			Other Pr		-			
Retort Water (	Content			20%		23%	AN	NULAR G	EOME	TRY	& RHEO	LOGY			Vater A		` ,		
O/W Ratio				78:22		75:25	annula sectio	1 (1)	epth	velo	ocity flo		CD /gal	Le	ft on C	utting	ıs (-)		-2.2
Whole Mud Ch	nlorides (r	ng/L)		43,000		52,000	Secilo	"		11/11	11111	g ib/	yaı	-					
Water Phase S	Salinity (p	pm)		252,134		261,733													
Whole Mud Al	kalinity, P	om		1.0		1.2	6.875x4		597'	308			.97		otal on		_		81.3
Excess Lime (				1.3 ppb		1.6 ppb	6.875x5	,	630'	422	2.6 tu	rb 10	0.00	Est. Loss			, , ,		23.3
Electrical Stab	ility (volts	)		420 v		495 v	6.875x4		,238'		8.2 tu		0.00				CS DA		
Average Spec	ific Gravit	y of Solid	s	3.14		2.67	6.875x5		,245'		2.6 tu		0.02	Bit H.S.I.	Bit A	-	Nozzle	s (32	nds)
Percent Low G	Gravity So	lids		4.5%		5.7%	6.818x5	.25 10	,384'	440	0.0 tu	rb 10	0.06	0.39	71 p		16	16	16
ppb Low Gravi				37 ppb		47 ppb								Bit Impact	Nozz Veloc		16	16	16
Percent Barite				3.7%		1.3%								Force	(ft/se	ec)	$\perp$		
ppb Barite				54 ppb		18 ppb	BIT	DATA	Ма	nuf./T	ype U	terra/U		151 lbs	93				
Estimated Total	al LCM in	System					Size	Depth In		ours	Footag	e ROF	P ft/hr			Calc.	Circ. F	Press	sure
Sample Taken	Ву			A. Roman		M Washburn	6 3/4	10,245 ft						2,240 p	osi		3,445	psi	
Afternoon Rema	ernoon Remarks/Recommendations:						with 1019 perfo with	in hole wi cased ho 32 to 1033 orm F.I.T.	le volu 35 and to 13	ume fo d 10' c .0 E.N	or 9.3 m of new fo M.W. Sta	ud wt, ormatio art drilli	drill controller on to 1 ng cu	rculate and ement and 10345, circ rve reduce nue LCM s	float e ulate h mud v	equip ole o wt fro	ment delegan and ment of the second s	from and to 8	1

#### **OUTSOURCE FLUID SOLUTIONS LLC.**

11.1°

2,991' TVD

Operator MAG	NOLIA (	OIL &	GAS	Contractor PA	TTERS	ON	County / Parish /	Block	)N	Engineer Start	Date 29/20	24 hr f	tg. 667 ft	D	rilled Dep	,862	2 ft
Well Name and No	ID CAN	YON A	\ - 1H	Rig Name ar	nd No.		State <b>T</b> I	EXAS		Spud Date 04/2	28/20	Currer	56 ft/hr		ctivity	00	Н
Report for				Report for			Field / OCS-G #			Fluid Type		Circula	ating Rate	С	irculating	Pressu	ire
JAMES [	OYER / I	BOBB	Y GWIN	То	ol Pusi	ner	GID	DINGS	i	0	BM		0 gpm			ps	i
_			RTY SPECIF				MUD VO	LUME (B	BL)	PUN	MP #1		PUMP #2		RISER	ВО	OSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	83	26 bbl	Liner Size	5.2	5 Line			iner Siz	e	
8.8-10.2	8-20	5-12	>300	±260K	<10 <25	<10	In Hole	4	79 bbl	Stroke 12			oke	12	Stroke		
				6/24/20		6/23/20	Active	9	44 bbl	bbl/stk	0.07	63 bb	l/stk 0.0	763	bbl/stk	(	0.0000
Time Sample	Taken			2:00		13:00	Storage	e <u>20</u>	05 bbl	stk/min 0			/min	0	stk/min		
Sample Locat	ion			suction		shaker	Tot. on Location 3310 bbl			gal/min	0	gal	l/min	0	gal/min		0
Flowline Temp	perature °F	F				121 °F		PHHP =	0	C	IRCUL	ATION DA	ATA	r	า = 0.61	0 K	= 215.795
Depth (ft)				10,860'		10,384'	Bit	Depth = 3	,000 '		Washo	out = 1%		Pump E	fficienc	y = 9	<del>)</del> 5%
Mud Weight (	Mud Weight (ppg)			8.9		8.9	Drill String	Volun	ne to Bit	40.9 bbl	Stro	kes To Bit		Ti	ime To I	3it	
Funnel Vis (sec/qt) @ 110			@ 110 °F	44		45	Disp.	Bottoms	Up Vol.	77.5 bbl	Botto	msUp Stks		Bottom	ottomsUp Time		
600 rpm				29		28	19.4 bbl	Total	Circ.Vol.	944.4 bbl	Tot	alCirc.Stks	1	Total Circ. Time			
300 rpm				19		18		DRILLII	NG ASS	SEMBLY D	ATA		s	SOLIDS CONTR			
200 rpm				15		15	Tubulars OD (in.)			(in.) Le	ength	Тор	Unit		Screen	S	Hours
100 rpm				10		10	Drill Pipe	4.500	3.	826 2	213'	0'	Shake	r 1	170		18.0
6 rpm				6		6	Agitator	5.250	2.	500	32'	213'	Shake	r 2	170		18.0
3 rpm				4		5	Drill Pipe	4.500	3.	826 2	,609'	246'	Shake	r 3	170		18.0
Plastic Viscos	ity (cp)		@ 150 °F	10		10	Dir. BHA	5.250	2.	000	146'	2,854'	Centrifu	ge 1			4.0
Yield Point (lb	/100 ft²)		T0 = 2	9		8		CAS	ING & I	HOLE DAT	A						
Gel Strength (	[lb/100 ft²)	1	0 sec/10 min	6/10		5/8	Casing	OD (in.)	) ID	(in.) D	epth	Тор					
Gel Strength (	(lb/100 ft <sup>2</sup> )		30 min	12		9	Riser						VOLUM	IE ACC	OUNTI	NG (	bbls)
HTHP Filtrate	(cm/30 m	in)	@ 250 °F	7.0		8.0	Surface	10 3/4		3.	,000'	0'	Prev.	Γotal on	Location	'n	3283.5
HTHP Cake T	hickness	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	875 10	),245'	0'	Transfe	erred In(	(+)/Out(	-)	
Retort Solids	Content			9%		9%	Washout 1							Oil A	Added (	+)	92.4
Corrected Sol	ids (vol%)			7.2%		7%	Washout 2							Barite A	Added (	+)	7.0
Retort Oil Cor	ntent			70%		68%	Oper	n Hole Siz	e 6.	818 10	),862'		Other P	roduct L	duct Usage (+)		
Retort Water	Content			21%		23%	AN	NULAR G	EOME	TRY & RHI	EOLOG	Y		Water A	Added (	+)	60.0
O/W Ratio				77:23		75:25	annula	r n	neas.	velocity	flow	ECD	Le	eft on Cu	uttings (	-)	-30.1
Whole Mud C	hlorides (n	ng/L)		46,000		52,000	section		depth	ft/min	reg	lb/gal	Non-Red	n-Recoverable		-)	-80.0
Water Phase	Salinity (p	pm)		255,667		261,733		l.		l.				Gas S	Separat	or	-30.0
Whole Mud A	lkalinity, P	om		2.0		1.2	6.875x4	.5	213'	0.0	lam	8.90	Est.	Γotal on	Location	n	3309.9
Excess Lime (	[lb/bbl)			2.6 ppb		1.6 ppb	6.875x5.	25	246'	0.0	lam	8.90	Est. Losses/G		ins (-)/(	+)	0.0
Electrical Stat	oility (volts)	)		470 v		495 v	6.875x4	.5 2	2,854'	0.0	lam	8.90	BIT HYD		ULICS	DA	ГА
Average Spec	cific Gravit	y of Soli	ds	2.76		2.67	6.875x5.	25 3	3,000'	0.0	lam	8.90	Bit H.S.I.	Bit Δ	P No	zzles	(32nds)
Percent Low 0	Gravity So	lids		5.5%		5.7%							0.00	ps	i 10	3 1	16 16
ppb Low Grav	ity Solids			45 ppb		47 ppb							Bit Impact	Nozz		3 1	16 16
Percent Barite	)			1.7%		1.3%							Force	Veloc (ft/se		$\dagger$	
ppb Barite				24 ppb		18 ppb	BIT D	ATA	Ma	anuf./Type	Ulter	ra/U611S	0 lbs	0		$\dagger$	$\dashv \dashv$
Estimated Tot	al LCM in	System	ppb				Size	Depth I	n Ho	ours Fo	otage	ROP ft/hr	Motor/M	WD (	Calc. C	rc. P	ressure
Sample Taker	n By			A. Roman	0	M Washburn	6 3/4	10,245	ft 1	2.0 6	67 ft	55.6	2,240	psi			
Remarks/Reco	mmendati	onc:		<u> </u>	<u> </u>	<u> </u>	Ria Activity:	i .		L	l.		1				

OBM Received:----2,840 bbls; + 470bbls left inside Casing

OBM On Surface ----2,840 bbls (Storage + Active Pits)

OBM Daily Gan/Loss--- ( $\_0$ \_); Total Gain/Loss---( $\_0$ \_)

14.5# Kill OBM (408bbl)----9# OBM (1230bbls)---- \$65.00/bbl

Discounted OBM (260bbls--11#) -----\$15.00/bbl

Rig Activity:

Drilled ahead on curve section to 10860' / 69.67deg / 10575TVD. Directional Motor not getting build reates needed. Circulated BU and POOH up to casing shoe. Monitor well for 10min. Well in static condition. Pump slug and continue POOH to change out Directional Motor. During drilling period Mud maintain at 8.9ppg in the active system, Treate with Lime for alkalinity and Opti G and NewPhalt for reducing Fluid Loss. Additions of Bentone 38 and 990 for increase on Rheology. Diesel and Water additions for dilution and volume. Bit passing 2500' at time of report.

Eı	ng. 1:	Mi	ke W	ashb	urn	Er	ng. 2:	Adolfo	Roman	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Pł	Phone: 361-945-5777 Phone: 956-821-9994 Phone: 432-686-7361					Phone:	-									
W 1	P 1	Y 1	E 1	C 1	g 1	G 1	H 1	O 1	carefully	and may be	ecommendation, ex used if the user so ation, and this is a	elects, however	, no representati	as been prepared on is made as to the	\$6,186.44	\$40,575.92
valuely of this information, and this is a												INCLUDI	NG 3RD PAR	TY CHARGES	\$11,966.64	\$57,809.04

Date <b>06/24/20</b>	Operator <b>MAGI</b>	NOLIA OIL		Well Name a GRANI	nd No.  CANYON		Rig Name an		ort #10
	DAILY	USAGE 8	& COST					CUMU	LATIVE
ltem	Unit	Unit Cost	Previous	Received	Closing	Daily	Daily Cost	Cum	Cum Cos
ALUMINUM TRISTEARATE			Inventory		Inventory	Usage		Usage	
SAPP (50)	50# sk	\$44.56						4	\$1,782.4
PHPA LIQUID (pail)	5 gal	\$41.36			88				
DYNADET	5 gal	\$32.23							-\$128.9
EVO-LUBE	gal	\$14.00	975		975				
NEW GEL (PREMIUM)	100# sk	\$19.75	70		70				
CACL2 (50)	50# sk	\$14.32	224		214	10	<u> </u>	9.	+ ' '
LIME (50)	50# sk	\$5.00	210		170	40		140	<u> </u>
BENTONE 910 (50) BENTONE 990 (50)	50# sk 50# sk	\$59.40 \$83.59	1 53		47	<u>1</u>			\$415.8 \$501.5
OPTI - G	50# sk	\$30.59	175		155	20	<u> </u>	7(	<del> </del>
OPTI - MUL	gal	\$10.75	550		475	75	·	350	+
OPTI - WET	gal	\$8.34	495		495	73	ψ000.23	279	
NEW PHALT	50# sk	\$38.72	55		50	5	\$193.60	69	
NEW CARB (M)	50# sk	\$5.25	15		10	5		4	1
MAGMAFIBER F (25)	25# sk	\$28.05			10		Ψ <u></u> 20.20	30	· ·
CYBERSEAL	25# sk	\$21.47	120		110	10	\$214.70	10	
OIL SORB (25)	25# sk	\$4.75			28		,	20	
BENTONE 38 (50)	50# sk	\$163.94	50		45	5	\$819.70		5 \$819.7
(- )							,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
NEW WATE (SACK BARITE)	100# sk	¢44.50	160		400				
BARITE BULK (100)	100# sk	\$11.50 \$7.00			160 900	100	\$700.00	410	\$2,870.0
DOWNIE DOEK (100)	100# SK	φ1.00	1000		900	100	φ/ 00.00	410	ν <sub>ω</sub> ν <sub>ω</sub> ,οιυ.υ
									†
DYNA FIBER MED.	25# sk	\$53.67	120		120				1
FIBER PLUG	30# sk	\$30.37	15		15				
MAGMAFIBER R (30)	30# sk	\$28.05	78		78				
									1
									1
OPTI DRILL (OBM)	bbl	\$65.00	3050		3050				
DISCOUNTED OBM	bbl	\$15.00	260		260	-			
ENGINEERING (24 HR)	each	\$925.00				2	\$1,850.00	10	\$14,800.0
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00	10	
ENGINEERING (MILES)	each	\$1.00							
TRUCKING (cwt)	each	\$2.65						1279	\$3,389.8
TRUCKING (min)	each	\$795.00							
PALLETS (ea)	each	\$12.00						24	\$288.0
SHRINK WRAP (ea)	each	\$12.00						24	\$288.0
									_
			ub-Total \$6			ve Total \$4			575.92

Date	Operator			Well Name a	ınd No.		Rig Name an	d No.	Report No.	
06/24/20	MAGN	NOLIA OIL	& GAS	GRANI	D CANYON	I A - 1H	24	48	Repoi	rt #10
	DAILY	USAGE 8	k COST						CUMUL	ATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel Transfer from 3H	gal	\$0.91							7401	\$6,734.91
Diesel Delivery 5/1/20	gal	\$0.87							5423	\$4,718.01
Diesel Delivery 5/3/20	gal	\$0.96								
Diesel Transfer from 3H	gal	\$1.30	8304		4500	3804	\$4,945.20		3804	\$4,945.20
Turbo Chem / First Response	25# sk	\$41.75	130		110	20	\$835.00		20	\$835.00
					Daily S	ub-Total \$	5,780.20		\$17,2	33.12
	C	ulative Tota	I AEC o a	Darty AET	800 04					
	Cum	uiative TOta	II AEƏ & 310	i Faity \$57,	,009.04					

FLUID VOLUME ACCOUNTING

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: GRA

GRAND CANYON A - 1H

					WEEK 1							WEEK 2							WEEK 3			
	Date	6/22/20	6/23/20	6/24/20	6/25/20	6/26/20	6/27/20	6/28/20	6/29/20	6/30/20	7/1/20	7/2/20	7/3/20	7/4/20	7/5/20	7/6/20	7/7/20	7/8/20	7/9/20	7/10/20	7/11/20	7/12/20
		Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun
	Bit Size	6 3/4	6 3/4	6 3/4																		
Grand	Starting Depth	10,335	10,335	10,335	10,862																	
Totals	Ending Depth	10,335	10,335	10,862																		
	Footage Drilled	-	-	527	-	-	-	-	_	-	-	-	_	-	-	-	-	-	-	-	-	_
	New Hole Vol.	<del> </del>	_	23	-		_	<b>-</b>	_		_			_		_		_		_	_	_
	Starting System Volume	470		3,284	3,310	3,310	3,310	3,310	3,310	3,310	3,310	3,310	3,310	3,310	3,310	3,310	3,310	3,310	3,310	3,310	3,310	3,310
7	Chemical Additions	-	-	7	0,0.0	0,0.0	0,0.0	0,0.0	0,0.0	0,0.0	0,0.0	0,0.0	0,0.0	0,0.0	0,0.0	0,0.0	0,0.0	0,0.0	0,0.0	0,0.0	0,0.0	0,0.0
			_																			
		_	_																			
		2 840	_																			
		-	-	-																		
60		-	-	60																		
		-	-	-																		
3 006		2.840	_	166		-	_	-	_	_	-	-	_	-	_	_	-	-	_	_	-	-
- 30			_																			
		+	-																			
20			_																			
			1				l	1										 			! 	
140	Total Losses	-	-	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	Mud Transferred Out	-	26																			
3,310	Ending System Volume	3,310	3,284	3,310	3,310	3,310	3,310	3,310	3,310	3,310	3,310	3,310	3,310	3,310	3,310	3,310	3,310	3,310	3,310	3,310	3,310	3,310
-	Mud Recovered	-																				
				C	omment	s.					G	omment	s.					C	omment	s.		
					Omment	<i>3.</i>					•	OIIIIIIGIIC	J.						Omment	<i>3.</i>		
		6/22/20	Transfer s	ack materia	al and OBM	I from Levi																
		0/22/20	Skid Rig /	Nipple Up		=01.	Goodrich L	J2-3H.	6/29/20							7/6/20						
	٦			. прріс ор,	Test BOP's	3	Goodrich C	J2-3H.	6/29/20							7/6/20						
3,284						S			6/29/20							7/6/20						
		6/23/20		s, Pick up a		S		ale loet to														
·		6/23/20		s, Pick up a		S		ale loet to	6/29/20 6/30/20							7/6/20 7/7/20						
		6/23/20	gas separ	s, Pick up a	and Make u	p new BHA	A, TIH 26bb	ols lost to														
•		6/23/20	gas separ Drilled on	s, Pick up a ator.	and Make u	p new BHA	A, TIH 26bb	ols lost to														
<u> </u>			gas separ Drilled on	s, Pick up a ator.	and Make u	p new BHA	A, TIH 26bb	ols lost to	6/30/20							7/7/20						
<u> </u>			gas separ Drilled on	s, Pick up a ator.	and Make u	p new BHA	A, TIH 26bb	ols lost to	6/30/20							7/7/20						
			gas separ Drilled on	s, Pick up a ator.	and Make u	p new BHA	A, TIH 26bb	ols lost to	6/30/20							7/7/20						
		6/24/20	gas separ Drilled on	s, Pick up a ator.	and Make u	p new BHA	A, TIH 26bb	ols lost to	6/30/20 7/1/20							7/7/20						
		6/24/20	gas separ Drilled on	s, Pick up a ator.	and Make u	p new BHA	A, TIH 26bb	ols lost to	6/30/20 7/1/20 7/2/20							7/7/20 7/8/20 7/9/20						
		6/24/20	gas separ Drilled on	s, Pick up a ator.	and Make u	p new BHA	A, TIH 26bb	ols lost to	6/30/20 7/1/20							7/7/20						
		6/24/20	gas separ Drilled on	s, Pick up a ator.	and Make u	p new BHA	A, TIH 26bb	ols lost to	6/30/20 7/1/20 7/2/20							7/7/20 7/8/20 7/9/20						
		6/24/20	gas separ Drilled on	s, Pick up a ator.	and Make u	p new BHA	A, TIH 26bb	ols lost to	6/30/20 7/1/20 7/2/20							7/7/20 7/8/20 7/9/20						
		6/24/20 6/25/20 6/26/20	gas separ Drilled on	s, Pick up a ator.	and Make u	p new BHA	A, TIH 26bb	ols lost to	6/30/20 7/1/20 7/2/20 7/3/20							7/7/20 7/8/20 7/9/20 7/10/20						
	Weighted Mud Added						A, TIH 26bb	ols lost to	6/30/20 7/1/20 7/2/20 7/3/20							7/7/20 7/8/20 7/9/20 7/10/20						

110 Old Market St. St Martinville, LA 70582

TEL: (337) 394-1078

13.7° 6,640' TVD

Operator MAGN	IOLIA C	IL & G	SAS	Contractor PA	TTERS	ON	County / Paris	HINGT	ON		er Start Date 04/29/2		24 hr fi	J			Drilled Depth 10,862 ft		
Well Name and No.	CANY	ON A	- 1H	Rig Name ar	nd No. <b>248</b>		State <b>T</b>	EXAS		Spud D	ate 04/28/2	20	Curren	t ROP	Α	ctivity	TIH		
Report for	VED / 5	0000	CAMINI	Report for	-1 D1		Field / OSC-G			Fluid Ty			Circula	iting Rate	C	circula	ting Pressu	ire	_
JAMES D					ol Push	ner		DDINGS			OBM			DUMD #0		RISER BOOSTE			_
Weight	PV PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	OLUME (	26 bbl	Liner	PUMP #	5.25	Linas	PUMP #2	25		Size	JS1E	:K
Weight <b>8.8-10.2</b>	8-20	5-12	>300	±260K	<10 <25	<10			59 bbl			12			2				
0.0-10.2			PERTIES	±200K	< 10 <25	<10	In Hol		95 bbl	Stro bbl/		.0763	Stro	/stk 0.0		Stro			
Time Sample		JD FROI	LIVIILO	2:00		13:00				stk/ı		.0703		min	703	stk/			
Sample Locati				suction		pit	Storage 2005 bbl Tot. on Location 3290 bbl			gal/ı				/min		gal/			
Flowline Temp		<u> </u>		Suction		pit	Mud Wt.		V=10	YP		CIBCIII		N DATA			).610 K	- 21	5.8
Depth (ft)	erature r			10,860'		10,860'		= 6.9 F Depth = 6		115		shout =					ency = 9		5.0
Mud Weight (p	na)			8.9		8.9			e to Bit	. 04.0		Strokes					Fo Bit	75 76	
Funnel Vis (se	,		@ 101 °F	44		46	Drill String Disp.	Bottoms											
`	c/qt)		@ 101 1	29		30	20 7 hhl		•			ttomsUp			Bottom				
300 rpm				19		20	39.7 bbl		irc.Vol.		LY DATA	TotalCiro	o(KS	0.0	Total		NTROL		
200 rpm				15		15	Tubulars			(in.)	LYDAIA		nn.	Unit		Scre		Hour	
100 rpm				10		11	Drill Pipe	,		826	3,947'	10	-γ-	Shaker		17		ioul	J
6 rpm				6		6	Agitator			500	32'	3.9	47'	Shaker		17			
3 rpm				4		5	Drill Pipe			826	2,609'	3,9		Shaker		17			
Plastic Viscosi	ty (cp)		@ 150 °F	10		10	Dir. BHA	5.250		000	146'	6,5		Centrifug		' '	O		
Yield Point (lb/	,		T0 = 2	9		10	DII. DI I/				DATA	0,0		Continug	,0 1				
Gel Strength (I		10 4	sec / 10 min	6/10		5/8	Casing			(in.)	Depth	To	nn n						
Gel Strength (I			30 min	12		9	Riser			()	Борин		<b>5</b> P	VOLUM	IE ACC	coul	NTING (	bbls	
HTHP Filtrate			@ 250 °F			7.0		10 3/4			3,000'			Prev. T				330	_
HTHP Cake Ti				2.0		2.0	Int. Csg.	7 5/8	6.8	875	10,245			Transfe				000	0.0
Retort Solids (		021100)		9%		9%	Washout 1	. 0,0	0	0.0	. 0,2 .0			Transio		` ,	d (+)		
Corrected Soli				7.2%		7.1%	Washout 2							F	Barite A		( )		
Retort Oil Con				70%		69%		n Hole Siz	e 6.	818	10.862			Other Pro			. ,		
Retort Water 0				21%		22%		NULAR (			& RHEOL	.OGY			Vater A	Ū	. ,		
O/W Ratio				77:23		76:24					, a				ft on C		. ,		
Whole Mud Ch	nlorides (n	ng/L)		46,000		48,000	annula sectio	1 (	lepth	velo ft/m	-			Non-Rec	overab	le Vo	ol. (-)		
Water Phase S	Salinity (p	om)		255,667		254,914				<u> </u>		ļ			Gas S	Sepa	rator		
Whole Mud All				2.0		1.2	6.875x4	4.5 3	,947'		lar	n 8.9	90	Est. T	otal on	Loc	ation	330	9.9
Excess Lime (	lb/bbl)			2.6 ppb		1.6 ppb	6.875x5	.25 3	,980'		lar	n 8.9	90	Est. Loss			_	-2	0.4
Electrical Stab		)		470 v		485 v	6.875x4	4.5 6	,588'		lar	n 8.9	90				CS DA1	 ГА	
Average Spec			ds	2.76		2.71	6.875x5		,734'		lar			Bit H.S.I.	Bit A	1	Nozzles		ıds)
Percent Low G	Gravity Sol	ids		5.5%		5.7%											16 1	16	16
ppb Low Gravi				45 ppb		46 ppb								Bit Impact	Nozz			18	12
Percent Barite				1.7%		1.5%								Force	Veloc (ft/se	-		$\dashv$	
ppb Barite				24 ppb		21 ppb	BIT I	DATA	Ма	ınuf./Ty	ype Ul	terra/U6	311S					$\dashv$	_
Estimated Total	al LCM in	System					Size	Depth I	n Ho	ours	Footage	ROP	ft/hr	Motor/M\	WD	Calc	. Circ. P	ressi	ure
Sample Taken	Ву			A. Roman		M Washburn	6 3/4	10,826	t			#DI	V/0!				129 p	si	
Afternoon Rema	arks/Recon	nmendati	ons:	<b>I</b>	<b>.</b>		Afternoon F	Rig Activity	<del></del>			<u> </u>		<u>L</u>					
							with are t	2.5 deg	oend. in 8.9	Trip in mud v	hole, de	epth at ecomm	time	motor, mal of report is d propertic	6780	. Foi	ward p	lans	

#### **OUTSOURCE FLUID SOLUTIONS LLC.**

0.5° 146' TVD

Operator MAGI	NOLIA (	OIL &	GAS	Contractor	TTERS	ON	County / Parish /	Block IINGTO	N		)4/29		24 hr ft	92 ft		Drilled I		54 ft
Well Name and No.	D CAND	VON A	411	Rig Name ar			State			Spud Da		2/00	Curren			Activity		
Report for	D CAN	TON A	1- 1H	Report for	248		Field / OCS-G #	EXAS		Fluid Typ	)4/28 e	5/20	Circula	12 ft/hr		Circulat	PO ting Pre	
JAMES D	YER /	вовв	Y GWIN	Тс	ol Pusi	her		DINGS		, , ,	ОВ	М		250 gpn			•	5 psi
	MUD	PROPE	RTY SPECIF	ICATION	S		MUD VO	LUME (BE	3L)		PUMI	P #1		PUMP #2		RIS	ER B	OOSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	79	9 bbl	Liner	Size	5.25	Liner	Size 5	.25	Liner	Size	
8.8-10.2	8-20	5-12	>300	±260K	<10 <25	<10	In Hole	49	9 bbl	Stro	ke	12	Stro	oke ′	12	Stro	ke	
				6/25/20		6/24/20	Active	80	2 bbl	bbl/s	stk	0.0763	bbl	/stk 0.0	763	bbl/	/stk	0.0000
Time Sample	Taken			2:00		13:00	Storage	200	05 bbl	stk/r	nin	78	stk/	min min	0	stk/	min	
Sample Locati	on			suction		pit	Tot. on Loc	cation 330	03 bbl	gal/r	nin	250	gal/	min min	0	gal/	min	0
Flowline Temp	erature °F	=						PHHP = 31	0		CIF	RCULATION	ON DA	TA		n = 0	.637	K = 172.351
Depth (ft)				10,954'		10,860'	Bit	Depth = 1	46 '		١	Nashout =	1%		Pump	Effici	ency :	= 95%
Mud Weight (p	pg)			8.9		8.9	Drill String	Volume	e to Bit	0.6	bbl	Strokes	To Bit	7		Time	To Bit	0 min
Funnel Vis (se	c/qt)		@ 101 °F	42		46	Disp.	Bottoms U	Jp Vol.	2.8	bbl	BottomsU	p Stks	37	Botto	msUp	Time	0 min
600 rpm				28		30	3.3 bbl	TotalCi	irc.Vol.	802.4	bbl	TotalCi	rc.Stks	10,515	Tota	l Circ.	Time	135 min
300 rpm				18		20		DRILLIN	G ASS	SEMBL	Y DA	TA		S	OLID	s cor	NTRO	L
200 rpm	·			15		15	Tubulars	OD (in.)	ID	(in.)	Len	gth	Гор	Unit		Scre	ens	Hours
100 rpm	•			10		11	Drill Pipe	4.500	3.	826	0	)'	0'	Shake	r 1	17	70	18.0
6 rpm				6		6	Agitator	5.250	2.	500			0'	Shake	r 2	17	70	18.0
3 rpm				5		5	Drill Pipe	4.500	3.	826			0'	Shake	r 3	17	70	18.0
Plastic Viscosi	ty (cp)		@ 150 °F	10		10	Dir. BHA	5.250	2.	000	14	l6'	0'	Centrifu	ge 1			6.0
Yield Point (lb/	100 ft²)		T0 = 4	8		10		CASI	NG & I	HOLE [	DATA							
Gel Strength (I	b/100 ft <sup>2</sup> )	10	0 sec/10 min	6/9		5/8	Casing	OD (in.)	ID	(in.)	De	pth -	Гор					
Gel Strength (l	b/100 ft <sup>2</sup> )		30 min	12		9	Riser							VOLUM	/IE AC	COU	NTING	G (bbls)
HTHP Filtrate	(cm/30 m	in)	@ 250 °F	7.0		7.0	Surface	10 3/4			3,0	00'	0'	Prev.	Γotal o	n Loc	ation	3309.9
HTHP Cake T	hickness	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	875	10,2	245'	0'	Transfe	erred I	n(+)/C	Out(-)	
Retort Solids (	Content			9%		9%	Washout 1								Oil	Adde	d (+)	54.7
Corrected Soli	ds (vol%)			7%		7.1%	Washout 2								Barite	Adde	d (+)	0.0
Retort Oil Con	tent			69%		69%	Oper	Hole Size	6.	818	10,9	954'		Other P	roduct	Usag	e (+)	0.3
Retort Water 0	Content			22%		22%	ANI	NULAR GI	EOME	TRY &	RHE	DLOGY			Water	Adde	d (+)	
O/W Ratio				76:24		76:24	annular	· m	eas.	velo	city	flow E	CD	Le	eft on (	Cutting	gs (-)	-4.2
Whole Mud Ch	nlorides (n	ng/L)		50,000		48,000	section	de	epth	ft/m	nin	reg lb	/gal	Non-Red	covera	ble Vo	ol. (-)	-15.0
Water Phase S	Salinity (p	pm)		262,745		254,914									Cent	/Evap	/Trip	-42.6
Whole Mud Al	kalinity, P	om		2.0		1.2	6.875x4.	5	0'	226	8.8	lam 9	.30	Est.	Γotal o	n Loc	ation	3303.1
Excess Lime (	lb/bbl)			2.6 ppb		1.6 ppb	6.875x5.2	25 1	46'	311	.0	turb 9	.89	Est. Los	ses/G	ains (	-)/(+)	0.0
Electrical Stab	ility (volts	)		465 v		485 v								BIT	HYDR	RAULI	CS D	ATA
Average Spec	ific Gravit	y of Solid	ds	2.71		2.71								Bit H.S.I.	Bit	ΔΡ	Nozz	les (32nds)
Percent Low G	Gravity So	lids		5.5%		5.7%								0.16	39	psi	16	16 16
ppb Low Gravi	ty Solids			46 ppb		46 ppb								Bit Impact	Noz Velo	zzle	16	18 12
Percent Barite				1.4%		1.5%								Force	(ft/s	-		
ppb Barite				21 ppb		21 ppb	BIT D	ATA	Ma	anuf./Ty	/ре	Ulterra/L	611S	81 lbs	7	0		
Estimated Total	Estimated Total LCM in System ppb						Size	Depth In	Н	ours	Foot	tage RO	P ft/hr	Motor/M	WD	Calc	. Circ	. Pressure
Sample Taken By				A. Roman	0	M Washburn	6 3/4	10,826 ft	8	3.0	92	! ft 1	1.5	4,450	psi		4,596	6 psi

Remarks/Recommendations:

OBM Received:-----3,310 bbls-----Daily Received--( 0 bbls)

OBM On Surface ----2,840 bbls (Storage + Active Pits)

OBM Daily Gan/Loss--- (\_-7\_); Total Gain/Loss---(\_\_-7\_\_)

14.5# Kill OBM (408bbl)----9# OBM (1337bbls)---- \$65.00/bbl

Discounted OBM (260bbls--11#) -----\$15.00/bbl

Rig Activity:

TIH back to bottom and resume drilling; attaining needed build rate from bailout motor. Drilled to 10954' (10,582'TVD / 89.69deg) on curve section. Circulate BU and Monitor well for 10min prior to pumping slug and POOH. Well in static condition. Pump slug and continue POOH to change out Directional Mud Motor. During drilling period Mud maintain at 8.9ppg in the active system, Utilize Centrifuge and Diesel to control MW increase from previous slug in the hole. Additions of Bentone 38 and 990 for increase on Rheology. Diesel and Water additions for dilution and volume. Lay down directional BHA at time of report.

E	ng. 1:	Mi	ke W	ashb	urn	Er	ng. 2:	Adolfo	Roman	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
PI	none:	3	61-94	5-57	77	Ph	none:	956-8	21-9994	Phone:	432-686-736	1 Phone:	-			
W 1	P 1	Y 1	E 1	C 1	g 1	G 1	H 1	O 1	carefully	and may be	used if the use		er, no representat	has been prepared tion is made as to the	\$2,860.06	\$43,435.98
												INCLUE	DING 3RD PAR	RTY CHARGES	\$5,846.16	\$63,655.20

Date <b>06/25/20</b>	Operator <b>MAGI</b>	NOLIA OIL		Well Name a GRANI	IND NO.  CANYON	A - 1H	Rig Name and No. <b>248</b>	Report No.	rt #11
	DAILY	USAGE 8	k COST					CUMU	LATIVE
Item	Unit	Unit Cost	Previous	Received	Closing	Daily	Daily Cost	Cum	Cum Cos
ALUMINUM TRISTEARATE			Inventory		Inventory	Usage		Usage	
SAPP (50)	50# sk	\$44.56						40	\$1,782.40
PHPA LIQUID (pail)	5 gal	\$41.36	88		88			-1	-\$41.36
DYNADET	5 gal	\$32.23						-4	
EVO-LUBE	gal	\$14.00	975		975				
NEW GEL (PREMIUM)	100# sk	\$19.75	70		70				
CACL2 (50)	50# sk	\$14.32	214		214			94	\$1,346.08
LIME (50)	50# sk	\$5.00	170		170			140	\$700.00
BENTONE 910 (50)	50# sk	\$59.40						7	\$415.80
BENTONE 990 (50)	50# sk	\$83.59	47		45	2	\$167.18	8	\$668.72
OPTI - G	50# sk	\$30.59	155		155			70	\$2,141.30
OPTI - MUL	gal	\$10.75	475		475			350	\$3,762.50
OPTI - WET	gal	\$8.34	495		495			275	\$2,293.50
NEW PHALT	50# sk	\$38.72	50		50			65	\$2,516.80
NEW CARB (M)	50# sk	\$5.25	10		10			45	\$236.25
MAGMAFIBER F (25)	25# sk	\$28.05						36	\$1,009.80
CYBERSEAL	25# sk	\$21.47	110		110			10	\$214.70
OIL SORB (25)	25# sk	\$4.75	28		28			20	\$95.00
BENTONE 38 (50)	50# sk	\$163.94	45		43	2	\$327.88	7	\$1,147.58
			_	_		_			
NEW WATE (SACK BARITE)	100# sk	\$11.50	160		160				
BARITE BULK (100)	100# sk	\$7.00	900		900			410	\$2,870.00
- ( /		,							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
DYNA FIBER MED.	25# sk	\$53.67	120		120				
FIBER PLUG	30# sk	\$30.37	15		15				
MAGMAFIBER R (30)	30# sk	\$28.05	78		78				
. ,									
00=10011116=:::			_		_		0.1===		<u> </u>
OPTI DRILL (OBM)	bbl	\$65.00	3050		3043	7	\$455.00	7	\$455.00
DIOCOLINITED CON:		<b>*</b> · - ·	¥ - ·				<del>                                     </del>	-	
DISCOUNTED OBM	bbl	\$15.00	260		260		<del>                                     </del>	-	
							<b> </b>		
							<b> </b>		
ENGINEERING (24 HR)	aaah	\$925.00				2	\$1,850.00	40	\$16,650.00
	each					2			
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00	18	\$540.00
ENGINEERING (MILES)	each	\$1.00						-	
							<del>                                     </del>		
	a1-	#0.0F						4070	\$2.200.00
TDLICKING (aut)	each	\$2.65					<del>                                     </del>	1279	
TRUCKING (cwt)									\$795.00
TRUCKING (cwt) TRUCKING (min)	each	\$795.00						1	ψ. σσ.σσ
TRUCKING (min)									
TRUCKING (min) PALLETS (ea)	each	\$12.00						24	\$288.00
TRUCKING (min)									
TRUCKING (min) PALLETS (ea)	each	\$12.00 \$12.00	ub-Total \$2	2,860.06	Cumulati	ve Total \$	43,435,98	24	\$288.00

Date	Operator			Well Name a	nd No.		Rig Name ar	nd No.	Report No.	
06/25/20	MAGN	NOLIA OIL	& GAS	GRANI	CANYON	I A - 1H	2	48	Repo	rt #11
	DAILY	USAGE 8	k COST						СПМП	_ATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel Transfer from 3H	gal	\$0.91							7401	\$6,734.91
Diesel Delivery 5/1/20	gal	\$0.87							5423	\$4,718.01
Diesel Delivery 5/3/20	gal	\$0.96								
Diesel Transfer from 3H	gal	\$1.30	4500		2203	2297	\$2,986.10		6101	\$7,931.30
Diesel Delivery 6/24/20	gal	\$1.35		7205	7205					
Turbo Chem / First Response	25# sk	\$41.75	110		110				20	\$835.00
								1		
							-	ł		
							-	ł		
							-	1		
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							<u> </u>	1		
							<u> </u>	1		
							†			
							†			
				<u> </u>			0.000.10		<b>A</b> = -	40.00
					Daily S	ub-Total \$2	2,986.10		\$20,2	19.22
	-									
	Cum	ulative Tota	I AES & 3rd	Party \$63	655.20					

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: GRA

GRAND CANYON A - 1H

					WEEK 1							WEEK 2							WEEK 3			
	Date	6/22/20	6/23/20	6/24/20	6/25/20	6/26/20	6/27/20	6/28/20	6/29/20	6/30/20	7/1/20	7/2/20	7/3/20	7/4/20	7/5/20	7/6/20	7/7/20	7/8/20	7/9/20	7/10/20	7/11/20	7/12/20
	Dute	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun
	Bit Size	6 3/4	6 3/4	6 3/4	6 3/4			-							-							
Grand	Starting Depth	10,335	10,335	10,335	10,862	10,954																
Totals	Ending Depth	10,335	10,335	10,862	10,954	-,																
	Footage Drilled	-	-	527	92	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
	New Hole Vol.	-	-	23	4	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-
21	Starting System Volume	470	3,310	3,284	3,310	3,303	3,303	3,303	3,303	3,303	3,303	3,303	3,303	3,303	3,303	3,303	3,303	3,303	3,303	3,303	3,303	3,303
7	Chemical Additions					3,303	3,303	3,303	3,303	3,303	3,303	3,303	3,303	3,303	3,303	3,303	3,303	3,303	3,303	3,303	3,303	3,303
	Base Fluid Added	-	-	7 92	0 55					$\vdash$												<del>                                     </del>
	Barite Increase	-	-	7	- 55					$\vdash$											$\vdash$	<del>                                     </del>
	Weighted Mud Added	2,840	-	-	-					$\vdash$											$\vdash$	
-	Slurry Added	-	<del>-</del>	<u> </u>	-					$\vdash$											$\vdash$	<del>                                     </del>
	Water Added	-	-	60	-																$\vdash$	
	Added for Washout	_	_	-	_																	
3,061	Total Additions	2,840	_	166	55	-	_	_		_	_	-	-	-		_	_	-	-	_	_	_
•	Surface Losses	2,040	_			_	_		_				_	_		_	_	_	_		<u> </u>	<u> </u>
<del>4</del> 5	Formation Loss	-		30	15 -					$\vdash$											$\vdash$	$\vdash$
	Mud Loss to Cuttings	-	<u> </u>	30	4																$\vdash$	
	Unrecoverable Volume		<u> </u>	60	15																$\vdash$	<b> </b>
	Centrifuge Losses	-	-	20	28																$\vdash$	
			1																			
202	Total Losses	-	-	140	62	-	-	-	-	-	-	•	-	-	-	-	-	-	-	•	-	-
26	Mud Transferred Out	-	26																			
3,303	Ending System Volume	3,310	3,284	3,310	3,303	3,303	3,303	3,303	3,303	3,303	3,303	3,303	3,303	3,303	3,303	3,303	3,303	3,303	3,303	3,303	3,303	3,303
-	Mud Recovered	-																				
	<u> </u>			С	omment	s:					С	omment	s:					С	omment	s <i>:</i>		
		6/22/20		ack materia Nipple Up,		I from Levi	Goodrich U	2-3H.	6/29/20							7/6/20						
3,284	]	2/22/22														170720						
		6/23/20	Test BOP' gas separa		and Make u	p new BHA	, TIH 26bb	ls lost to	6/30/20							7/7/20						
		6/23/20	gas separa	ator.	on to 10862	2'. Mud Mo		na build														
			Drilled on rates. PO	curve secti	on to 10862 age mud mo	2'. Mud Mo otor. e BU and m	tor not givir	ng build	6/30/20							7/7/20						
		6/24/20	Drilled on rates. PO	curve secti OH to char	on to 10862 age mud mo	2'. Mud Mo otor. e BU and m	tor not givir	ng build Pump	6/30/20							7/7/20						
		6/24/20	Drilled on rates. PO	curve secti OH to char	on to 10862 age mud mo	2'. Mud Mo otor. e BU and m	tor not givir	ng build Pump	6/30/20 7/1/20 7/2/20							7/7/20 7/8/20 7/9/20						

110 Old Market St. St Martinville, LA 70582

11.7° 5,652' TVD

	IOLIA C	OIL & C	SAS		TTERS	ON		sh / Block HINGTO	N	Ů	er Start Date	.0	24 hr ftç				,954	ft
Well Name and No.	D CANY	ON A	- 1H	Rig Name a	nd No. <b>248</b>		State <b>T</b>	EXAS		Spud D	o <sub>ate</sub> 04/28/2		Current	ROP		ctivity TIH w	/ BH	A #5
Report for	VED / F		( O)4(I)1	Report for			Field / OSC-G			Fluid T	-	C	Circulat	ting Rate	Ciı	rculating	Pressure	
JAMES D					ol Push	ner		DDINGS			ОВМ	_						
		l	RTY SPECI		l			OLUME (B			PUMP #			PUMP #2			B00	STER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pit		9 bbl	Liner			Liner		_	iner Si		
8.8-10.2	8-20	5-12	>300	±260K	<10 <25	<10	In Hol		9 bbl	Stro		12	Stro			Stroke		
		JD PRO	PERTIES	I			Active		8 bbl			.0763	bbl/			bbl/stk		
Time Sample				2:00		13:00	Storag		<u>15 bbl</u>	stk/			stk/ı			stk/mir		
Sample Locati				suction		pit		cation 327		gal/			gal/ı			gal/mir		
Flowline Temp	erature °F	F 					Mud Wt.		/=10	YP	P=8 <b>(</b>	IRCULA	ATIO	N DATA			37 K=	
Depth (ft)				10,954'		10,954'	Bit	Depth = 5,	723 '		Was	shout = '	1%	F	Pump E	fficien	cy = 95	%
Mud Weight (p	ppg)			8.9		8.9	Drill String Disp.	Volum	to Bit	79.9	bbl S	Strokes T	o Bit		Tir	me To	Bit	
Funnel Vis (se	c/qt)		@ 105 °F	42		43	ызр.	Bottoms l	Jp Vol.	149.	2 bbl Bo	ttomsUp	Stks		Bottoms	sUp Tir	ne	
600 rpm				28		29	33.7 bbl	TotalC	rc.Vol.	1028	.0 bbl	TotalCirc.	Stks		Total C	Circ. Tir	ne	
300 rpm				18		19		DRILLIN	G AS	SEMB	LY DATA	١		S	OLIDS	CONT	ROL	
200 rpm				15		15	Tubulars	OD (in.)	ID	(in.)	Length	То	р	Unit	8	Screer	is H	ours
100 rpm	•					11	Drill Pipe	4.500	3.8	326	5,577'			Shaker	1	170		
6 rpm				6		6	Agitator	5.250	2.5	500		5,57	77'	Shaker	2	170		
3 rpm				5		5	Drill Pipe	4.500	3.8	326		5,57	77'	Shaker	3	170		
Plastic Viscosi	ity (cp)		@ 150 °F	10		10	Dir. BHA	5.250	2.0	000	146'	5,57	77'	Centrifug	je 1			
Yield Point (lb/	/100 ft²)		T0 = 4	8		9		CASI	NG &	HOLE	DATA							
Gel Strength (	lb/100 ft²)	10	sec / 10 min	6/9		5/8	Casing	OD (in.)	ID	(in.)	Depth	То	р					
Gel Strength (	lb/100 ft2)	)	30 min	12		10	Riser							VOLUM	E ACC	OUNT	ING (b	bls)
HTHP Filtrate	(cm/30 m	in)	@ 250 °F	7.0		7.0	Surface	10 3/4			3,000'			Prev. To	otal on	Locati	on (	3303.1
HTHP Cake TI	hickness (	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.8	375	10,245			Transfe	rred In(-	+)/Out	(-)	
Retort Solids (	Content			9%		9%	Washout 1								Oil A	dded (	(+)	
Corrected Soli	ds (vol%)			7%		7%	Washout 2							E	Barite A	dded (	(+)	
Retort Oil Con	tent			69%		69%	Oper	n Hole Size	6.8	318	10,954			Other Pro	oduct U	sage (	(+)	
Retort Water (	Content			22%		22%	AN	NULAR G	ЕОМЕ	TRY	& RHEOL	.OGY		V	Vater A	dded (	(+)	
O/W Ratio				76:24		76:24	annula	ar .	41-	velo	ocity flov	w EC	D	Lef	t on Cu	ttings	(-)	
Whole Mud Ch	nlorides (r	mg/L)		50,000		50,000	section	I U	epth	ft/n	-			Non-Reco	overable	e Vol.	(-)	
Water Phase S	Salinity (p	pm)		262,745		262,745		I							Cent/E	vap/T	rip	
Whole Mud Al	kalinity, P	om		2.0		1.9	6.875x	4.5 5,	577'		lar	n 8.9	0	Est. To	otal on	Locati	on (	3303.1
Excess Lime (	lb/bbl)			2.6 ppb		2.5 ppb	6.875x5	5.25 5,	723'		lar	n 8.9	0	Est. Loss	ses/Gair	ns (-)/(	(+)	-30.4
Electrical Stab	ility (volts	)		465 v		475 v							-	BIT I	HYDRA	ULICS	DATA	١
Average Spec	ific Gravit	y of Soli	ds	2.71		2.70								Bit H.S.I.	Bit ∆l	P No	ozzles (	32nds)
Percent Low G	Gravity So	lids		5.5%		5.6%	1									1	6 16	16
ppb Low Gravi	ity Solids			46 ppb		46 ppb								Bit Impact	Nozzl		6 18	12
Percent Barite				1.4%		1.4%	-							Force	Veloci (ft/sec			
ppb Barite				21 ppb		20 ppb	BIT	DATA	Ма	nuf./T	ype Uli	erra/U6	11S					
Estimated Total	al LCM in	System					Size	Depth In	Но	ours	Footage	ROP	ft/hr	Motor/M\	ND C	Calc. C	irc. Pre	essure
Sample Taken	Ву			A. Roman		M Washburn	6 3/4	10,954 ft				#DIV	//0!	4,450 p	osi	4,	548 ps	si
Afternoon Rema	arks/Recor	nmendat	ions:	<u>I</u>	1		Afternoon F	I Rig Activity:	1			<u> </u>	!					
							later with secu	al hole se 4-1/2" DF ure well. F pumping	ction. to 27 erforn	Trip i '90 ar n weld	n hole to nd make ding repa	181 ar up agita airs on f	nd te ator t loor p	#5 with 2 c st MWD to rip in hole plate. Whe tion.Recei	ool (god to 572 en drillir	od), Ti 23 fill p ng res	rip in h pipe ar umes	ole nd will

### **OUTSOURCE FLUID SOLUTIONS LLC.**

95.5° 10,555' TVD

_	NOLIA (	OIL &	GAS		TTERS	ON		Block HINGTO	N		)4/29		24 hr ft	946 ft			11,9	00 ft
Well Name and No.	D CAN	VON A	411	Rig Name ar			State	-۷46		Spud Da		2/20	Curren			Activity		Leteral
Report for	D CAN	TON A	1-1H	Report for	248		Field / OCS-G #	EXAS		Fluid Typ	)4/28	5/20	Circula	95 ft/hr		Circula	_	Lateral
JAMES D	YER /	BOBB	Y GWIN	Тс	ol Pusi	her	GID	DINGS			ОВ	М		353 gpn	ı	4	,520	) psi
	MUD	PROPE	RTY SPECIF	ICATION	S		MUD VO	LUME (BE	3L)		PUMI	P #1		PUMP #2		RIS	ER B	OOSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	825	5 bbl	Liner	Size	5.25	Line	r Size 5	.25	Liner	Size	
8.8-10.2	8-20	5-12	>300	±260K	<10 <25	<10	In Hole	47	7 bbl	Stro	ke	12	Str	oke ′	12	Stro	ke	
			I	6/26/20		6/25/20	Active	130	2 bbl	bbl/s	stk	0.0763	bbl	/stk 0.0	763	bbl	/stk	0.0000
Time Sample	Taken			2:00		13:00	Storage	200	5 bbl	stk/r	min	55	stk	/min 5	55	stk/	min	
Sample Locati	on			suction		pit	Tot. on Loc	cation 330	7 bbl	gal/r	min	176	gal	/min 1	76	gal/	min	0
Flowline Temp	erature °F	F		130 °F				PHHP = 93	0		CIF	RCULATI	ON DA	TA		n = 0	.585	K = 239.066
Depth (ft)				11,686'		10,954'	Bit C	Depth = 11,	900 '		١	Vashout	= 1%		Pump	Effici	ency :	= 95%
Mud Weight (p	pg)			8.9		8.9	Drill String	Volume	to Bit	167.4	l bbl	Stroke	s To Bit	2,194		Time <sup>-</sup>	To Bit	20 min
Funnel Vis (se	c/qt)		@ 110 °F	45		43	Disp.	Bottoms U	Jp Vol.	309.8	3 bbl	Bottoms	Jp Stks	4,060	Botto	msUp	Time	37 min
600 rpm				27		29	67.9 bbl	TotalCi	rc.Vol.	1302.	2 bbl	TotalC	irc.Stks	17,065	Tota	l Circ.	Time	155 min
300 rpm				18		19		DRILLIN	G ASS	SEMBL	Y DA	ΤΑ		S	OLID	s coi	NTRC	ıL
200 rpm	·			14		15	Tubulars	OD (in.)	ID	(in.)	Len	gth	Тор	Unit		Scre	ens	Hours
100 rpm	·			10		11	Drill Pipe	4.500	3.	826	9,1	13'	0'	Shake	r 1	17	70	18.0
6 rpm	·			6		6	Agitator	5.250	2.	500	32	2' 9	,113'	Shake	r 2	17	70	18.0
3 rpm				5		5	Drill Pipe	4.500	3.	826	2,6	09' 9	,146'	Shake	r 3	17	70	18.0
Plastic Viscosi	ty (cp)		@ 150 °F	9		10	Dir. BHA	5.250	2.	000	14	·6' 1	,754'	Centrifu	ge 1			4.0
Yield Point (lb/	100 ft²)		T0 = 4	9		9		CASIN	IG & I	HOLE [	DATA							
Gel Strength (I	b/100 ft <sup>2</sup> )	10	) sec/10 min	6/9		5/8	Casing	OD (in.)	ID	(in.)	De	oth	Тор					
Gel Strength (l	b/100 ft <sup>2</sup> )		30 min	11		10	Riser							VOLUM	IE AC	cou	NTING	G (bbls)
HTHP Filtrate	(cm/30 m	in)	@ 250 °F	6.0		7.0	Surface	10 3/4			3,0	00'	0'	Prev.	Total o	n Loc	ation	3303.1
HTHP Cake T	hickness	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	875	10,2	245'	0'	Transfe	erred I	n(+)/C	Out(-)	
Retort Solids (	Content			9%		9%	Washout 1								Oil	Adde	d (+)	31.6
Corrected Soli	ds (vol%)			7.1%		7%	Washout 2								Barite	Adde	d (+)	0.0
Retort Oil Con	tent			70%		69%	Oper	Hole Size	6.	818	11,9	900'		Other P	roduct	Usag	e (+)	4.5
Retort Water (	Content			21%		22%	ANI	NULAR GE	ОМЕ	TRY &	RHE	DLOGY			Water	Adde	d (+)	10.8
O/W Ratio				77:23		76:24	annular	r me	eas.	velo	city	flow I	CD	Le	eft on (	Cutting	gs (-)	-42.7
Whole Mud Ch	nlorides (n	ng/L)		48,000		50,000	section	de	epth	ft/m	nin	reg I	o/gal	Non-Red	covera	ble V	ol. (-)	
Water Phase S	Salinity (p	pm)		263,850		262,745									Cent	/Evap	/Trip	
Whole Mud All	kalinity, P	om		2.0		1.9	6.875x4.	.5 9,	113'	319	8.0	turb	9.69	Est.	Total o	n Loc	ation	3307.3
Excess Lime (	lb/bbl)			2.6 ppb		2.5 ppb	6.875x5.2	25 9, <sup>-</sup>	146'	438	3.6	turb	9.78	Est. Los	ses/G	ains (	-)/(+)	0.0
Electrical Stab	ility (volts	)		455 v		475 v	6.875x4.	.5 10,	,245'	319	8.0	turb	9.85	BIT	HYDR	RAULI	CS D	ATA
Average Spec	ific Gravit	y of Solid	ds	2.82		2.70	6.818x4.	.5 11,	,754'	329	9.4	turb 1	0.00	Bit H.S.I.	Bit	ΔΡ	Nozz	les (32nds)
Percent Low G	Gravity So	lids		5.2%		5.6%	6.818x5.2	25 11,	,900'	456	6.6	turb 1	0.12	0.45	78	psi	16	16 16
ppb Low Gravi	ty Solids			43 ppb		46 ppb								Bit Impact	Noz Velo		16	18 12
Percent Barite				1.9%		1.4%								Force	(ft/s	•		
ppb Barite				27 ppb		20 ppb	BIT D	ATA	Ma	anuf./Ty	/ре	Ulterra/l	J611S	161 lbs	9	9		
Estimated Total	Estimated Total LCM in System ppb						Size	Depth In	Н	ours	Foot	age RC	P ft/hr	Motor/M	WD	Calc	. Circ	. Pressure
Sample Taken By				A. Roman	0	M Washburn	6 3/4	10,954 ft	1	0.0	946	6 ft	94.6	2,240	psi		3,600	6 psi

Remarks/Recommendations:

OBM Received:-----3,310 bbls-----Daily Received--( 0 bbls)

OBM On Surface ----2,830 bbls (Storage + Active Pits)

OBM Daily Gan/Loss--- (\_+4\_); Total Gain/Loss---(\_\_-3\_\_)

14.5# Kill OBM (408bbl)----9# OBM (1337bbls)---- \$65.00/bbl

Discounted OBM (260bbls--11#) -----\$15.00/bbl

Rig Activity:

TIH back to bottom and resume drilling operations on lateral section; While drilling/Sliding on lateral section, 10bbls (LCM Sweep) are pumped every connection. Mud maintain at 8.9ppg in the active system with additions of Diesel. Using Centrifuge for processing mud recover from cuttings, use same for 2hrs from active system at the start of drilling ops. Chemical additions of Bentone 38 and 990 for increase on Rheology; Lime to maintain alkalinity; NewPhalt and Opti G to maintain Fluid loss. Diesel and Water additions for dilution and volume. Drilling ahead passing 11922' at time of report.

Eng.	1:	Mike V	/ashb	urn	Er	ng. 2:	Adolf	Roman	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Phone	e:	361-9	45-57	77	Ph	one:	956-8	21-9994	Phone:	432-686-7361	Phone:	-			
W P	) 1	Y E 1 1	C 1	g 1	G 1	H 1	O 1	carefully	and may be	ecommendation, execused if the user so ation, and this is a r	elects, however	, no representation	as been prepared on is made as to the	\$5,830.10	\$49,266.08
											INCLUDI	NG 3RD PAR	TY CHARGES	\$7,876.50	\$71,531.70

Date <b>06/26/20</b>	Operator <b>MAG</b> I	NOLIA OIL		Well Name a GRANI	IND NO. D CANYON	A - 1H	Rig Name and I 248		port No. <b>Repo</b> l	rt #12
	DAILY	USAGE 8	& COST						CUMUI	LATIVE
Item	Unit	Unit Cost	Previous	Received	Closing	Daily	Daily Cost		Cum	Cum Cos
ALUMINUM TRISTEARATE		-	Inventory		Inventory	Usage	Ju., 5551	<u> </u>	Usage	
SAPP (50)	50# sk	\$44.56							40	\$1,782.40
PHPA LIQUID (pail)	5 gal	\$41.36			88				-1	-\$41.36
DYNADET	5 gal	\$32.23			00				-4	-\$128.92
EVO-LUBE	gal	\$14.00			975				-	Ψ120.32
NEW GEL (PREMIUM)	100# sk	\$19.75			70					
NEW GEE (FIXEWHOW)	100# 38	ψ13.73	70		70					
CACL2 (50)	50# sk	\$14.32	214		214				94	\$1,346.08
LIME (50)	50# sk	\$5.00	170		150	20	\$100.00		160	\$800.00
BENTONE 910 (50)	50# sk	\$59.40							7	\$415.80
BENTONE 990 (50)	50# sk	\$83.59			40	5	\$417.95		13	
OPTI - G	50# sk	\$30.59			155				70	
OPTI - MUL	gal	\$10.75			400	75	\$806.25			\$4,568.75
OPTI - WET	gal	\$8.34	495		495				275	
NEW PHALT	50# sk	\$38.72	50		30	20	\$774.40		85	
NEW CARB (M)	50# sk	\$5.25			30	10			55	\$288.75
MAGMAFIBER F (25)						10	\$52.50			
` '	25# sk	\$28.05 \$21.47			400	10	¢04.4.70	<u> </u>	36	· ,
CYBERSEAL	25# sk	\$21.47			100	10	\$214.70		20	\$429.40
OIL SORB (25)	25# sk	\$4.75			28	_	\$007.00		20	\$95.00
BENTONE 38 (50)	50# sk	\$163.94	43		41	2	\$327.88	<u> </u>	9	\$1,475.46
		<u> </u>						-		
NEW WATE (SACK BARITE)	100# sk	\$11.50	160		160					
BARITE BULK (100)	100# sk	\$7.00	900	463	1363				410	\$2,870.00
DYNA FIBER MED.	25# sk	\$53.67	120		120					
FIBER PLUG	30# sk	\$30.37	15		15					
MAGMAFIBER R (30)	30# sk	\$28.05	78		78					
								-		
		1						-		
		-						<u> </u>		
		1								
		1								
		1								
		-								
		-								
		-								
ODTI DDILL (ODA)		<b>*</b> 0= = -	00.10		2011			<u> </u>	_	A
OPTI DRILL (OBM)	bbl	\$65.00	3043		3043			-	7	\$455.00
DISCOUNTED OBM	bbl	\$15.00	260		260					
						_				
		-								
ENGINEEDING (24 UP)	000h	\$925.00					\$1.950.00	_	20	\$10 F00 00
ENGINEERING (24 HR)	each					2				\$18,500.00
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00	_	20	\$600.00
ENGINEERING (MILES)	each	\$1.00								
		-								
TRUCKING (cwt)	each	\$2.65				463	\$1,226.42	-	1742	\$4,616.25
TRUCKING (min)	each	\$795.00					,		1	\$795.00
, ,									•	
PALLETS (ea)	each	\$12.00							24	\$288.00
SHRINK WRAP (ea)	each	\$12.00							24	\$288.00
		Daily 6	ub-Total ¢r	5 830 10	Cumulati	ive Total ¢	49 266 Ng		\$40.2	66 NA
		Daily S	ub-Total \$5	,გას.10	Cumulati	ive Total \$	49,∠00.08		<b>\$49,2</b>	66.08

Date	Operator			Well Name a	and No.		Rig Name an	d No.	Report No.	
06/26/20	MAG	NOLIA OIL	& GAS	GRANI	D CANYON	I A - 1H	24	48	Repo	rt #12
	DAILY	USAGE 8	k COST						CUMUL	_ATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel Transfer from 3H	gal	\$0.91							7401	\$6,734.91
Diesel Delivery 5/1/20	gal	\$0.87							5423	\$4,718.01
Diesel Delivery 5/3/20	gal	\$0.96								
Diesel Transfer from 3H	gal	\$1.30			950	1253	\$1,628.90		7354	\$9,560.20
Diesel Delivery 6/24/20	gal	\$1.35	7205		7205					
										<u></u>
Turbo Chem / First Response	25# sk	\$41.75	110		100	10	\$417.50		30	\$1,252.50
										<u></u>
								i		
										<u></u>
										<u> </u>
										<u></u>
					Doile: C	ub-Total &	2 046 40		£22.0	65 62
					Daily S	ub-Total \$2	2,046.40		\$22,2	65.62
	Cum	ulative Tota	I AES & 3rd	l Party \$71	,531.70					

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: GRA

GRAND CANYON A - 1H

					WEEK 1							WEEK 2							WEEK 3			
	Date	6/22/20	6/23/20	6/24/20	6/25/20	6/26/20	6/27/20	6/28/20	6/29/20	6/30/20	7/1/20	7/2/20	7/3/20	7/4/20	7/5/20	7/6/20	7/7/20	7/8/20	7/9/20	7/10/20	7/11/20	7/12/20
	Date	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun
	Bit Size	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	Jul	- Cum		140	···ou	1114		Jul	- Ouii		140	1100	- 1114		Jul	- Ouii
Grand	Starting Depth	10,335	10,335	10,335	10,862	10,954	11,900															
Totals	Ending Depth	10,335	10,335	10,862	10,954	11,900	11,000															
			-				_	-		_	-	_	_	_		_	_	_	_	_	_	-
	Footage Drilled	-	-	<b>527</b> 23	<b>92</b>	<b>946</b> 42	-		-	-	-		-		-	-		-			-	-
69	New Hole Vol.							-	-			-		-			-		-	-		
	Starting System Volume	470	3,310	3,284	3,310	3,303	3,307	3,307	3,307	3,307	3,307	3,307	3,307	3,307	3,307	3,307	3,307	3,307	3,307	3,307	3,307	3,307
	Chemical Additions	-	-	7	0	5																
	Base Fluid Added	-	-	92	55	32																
	Barite Increase	-	-	7	-	-																
2,840	Weighted Mud Added	2,840	-	-	-	-																
-	Slurry Added	-	-	-	-	-																
71	Water Added	-	-	60	-	11																
-	Added for Washout	-	-	-	-	-																
3,108	Total Additions	2,840	-	166	55	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45	Surface Losses	-		30	15	-																
-	Formation Loss	-	-	-	-	-																
77	Mud Loss to Cuttings	-	-	30	4	43																
75	Unrecoverable Volume	-	-	60	15	-																
48	Centrifuge Losses	-	-	20	28	-																
245	Total Losses	-	-	140	62	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	Mud Transferred Out	-	26	-	-	-																
3,307	Ending System Volume	3,310	3,284	3,310	3,303	3,307	3,307	3,307	3,307	3,307	3,307	3,307	3,307	3,307	3,307	3,307	3,307	3,307	3,307	3,307	3,307	3,307
3,307			3,284	3,310	3,303	3,307	3,307	3,307	3,307	3,307	3,307	3,307	3,307	3,307	3,307	3,307	3,307	3,307	3,307	3,307	3,307	3,307
3,307	Ending System Volume  Mud Recovered	3,310	3,284	,	,	,	3,307	3,307	3,307	3,307	•	,	,	3,307	3,307	3,307	3,307	,	,	,	3,307	3,307
3,307			3,284	,	3,303 omment	,	3,307	3,307	3,307	3,307	•	3,307 comment	,	3,307	3,307	3,307	3,307	,	3,307 omment	,	3,307	3,307
3,307		-	Transfer s	C ack materia	omment	s:				3,307	•	,	,	3,307	3,307		3,307	,	,	,	3,307	3,307
3,307			Transfer s	С	omment	s:			6/29/20	3,307	•	,	,	3,307	3,307	7/6/20	3,307	,	,	,	3,307	3,307
3,307		-	Transfer s Skid Rig /	C ack materia Nipple Up,	omment: al and OBM Test BOP's	S: 1 from Levi	Goodrich U	J2-3H.		3,307	•	,	,	3,307	3,307		3,307	,	,	,	3,307	3,307
3,307		-	Transfer s Skid Rig /	C ack materia Nipple Up, s, Pick up a	omment: al and OBM Test BOP's	S: 1 from Levi	Goodrich U	J2-3H.		3,307	•	,	,	3,307	3,307		3,307	,	,	,	3,307	3,307
-		6/22/20	Transfer s Skid Rig /	C ack materia Nipple Up, s, Pick up a	omment: al and OBM Test BOP's	S: 1 from Levi	Goodrich U	J2-3H.	6/29/20	3,307	•	,	,	3,307	3,307	7/6/20	3,307	,	,	,	3,307	3,307
-		6/22/20	Transfer s Skid Rig / Test BOP gas separa	Cack materia Nipple Up, s, Pick up a ator.	al and OBM Test BOP's	s: 1 from Levi s	Goodrich L	J2-3H.	6/29/20	3,307	•	,	,	3,307	3,307	7/6/20	3,307	,	,	,	3,307	3,307
-		6/22/20	Transfer s Skid Rig / Test BOP' gas separa	ack materia Nipple Up, s, Pick up a ator.	al and OBM Test BOP's and Make u	s: I from Levi s up new BHA	Goodrich L	J2-3H.	6/29/20	3,307	•	,	,	3,307	3,307	7/6/20	3,307	,	,	,	3,307	3,307
-		6/22/20	Transfer s Skid Rig / Test BOP' gas separa	Cack materia Nipple Up, s, Pick up a ator.	al and OBM Test BOP's and Make u	s: I from Levi s up new BHA	Goodrich L	J2-3H.	6/29/20	3,307	•	,	,	3,307	3,307	7/6/20	3,307	,	,	,	3,307	3,307
-		6/22/20	Transfer s Skid Rig / Test BOP' gas separa Drilled on rates. PO	Cack materia Nipple Up, s, Pick up a ator. curve section	al and OBM Test BOP: and Make u	s: If from Levi s up new BHA 2'. Mud Mo	Goodrich L A, TIH 26bb	J2-3H.  Dis lost to	6/29/20 6/30/20 7/1/20	3,307	•	,	,	3,307	3,307	7/6/20 7/7/20 7/8/20	3,307	,	,	,	3,307	3,307
-		6/22/20	Transfer s Skid Rig / Test BOP' gas separa Drilled on rates. PO	C ack materia Nipple Up, s, Pick up a ator. curve section	omment all and OBM Test BOP's and Make upon to 1086/2 ge mud mo	s: I from Levi s up new BHA 2'. Mud Mo otor. e BU and m	Goodrich L A, TIH 26bb	J2-3H.  Dis lost to	6/29/20	3,307	•	,	,	3,307	3,307	7/6/20	3,307	,	,	,	3,307	3,307
-		6/22/20	Transfer s Skid Rig / Test BOP' gas separa Drilled on rates. PO	ack materia Nipple Up, s, Pick up a ator. curve section OH to chan	omment all and OBM Test BOP's and Make upon to 1086/2 ge mud mo	s: I from Levi s up new BHA 2'. Mud Mo otor. e BU and m	Goodrich L A, TIH 26bb	J2-3H.  Dis lost to	6/29/20 6/30/20 7/1/20	3,307	•	,	,	3,307	3,307	7/6/20 7/7/20 7/8/20	3,307	,	,	,	3,307	3,307
-		6/22/20 6/23/20 6/24/20 6/25/20	Transfer s Skid Rig / Test BOP gas separa  Drilled on rates. PO  TIH and di slug and F	ack materia Nipple Up, s, Pick up a ator. curve section OH to chan rill to 10954	omment. Test BOP's and Make u on to 10862 gge mud mo	s: If from Levi s Ip new BHA 2'. Mud Mootor. e BU and m	Goodrich L A, TIH 26bb otor not givi	J2-3H.  Is lost to ng build	6/29/20 6/30/20 7/1/20	3,307	•	,	,	3,307	3,307	7/6/20 7/7/20 7/8/20 7/9/20	3,307	,	,	,	3,307	3,307
-		6/22/20 6/23/20 6/24/20 6/25/20	Transfer s Skid Rig / Test BOP' gas separa Drilled on rates. PO	ack materia Nipple Up, s, Pick up a ator. curve section OH to chan rill to 10954	omment. Test BOP's and Make u on to 10862 gge mud mo	s: If from Levi s Ip new BHA 2'. Mud Mootor. e BU and m	Goodrich L A, TIH 26bb otor not givi	J2-3H.  Is lost to ng build	6/29/20 6/30/20 7/1/20	3,307	•	,	,	3,307	3,307	7/6/20 7/7/20 7/8/20	3,307	,	,	,	3,307	3,307
-		6/22/20 6/23/20 6/24/20 6/25/20	Transfer s Skid Rig / Test BOP gas separa  Drilled on rates. PO  TIH and di slug and F	ack materia Nipple Up, s, Pick up a ator. curve section OH to chan rill to 10954	omment. Test BOP's and Make u on to 10862 gge mud mo	s: If from Levi s Ip new BHA 2'. Mud Mootor. e BU and m	Goodrich L A, TIH 26bb otor not givi	J2-3H.  Is lost to ng build	6/29/20 6/30/20 7/1/20	3,307	•	,	,	3,307	3,307	7/6/20 7/7/20 7/8/20 7/9/20	3,307	,	,	,	3,307	3,307
-		6/22/20 6/23/20 6/24/20 6/25/20	Transfer s Skid Rig / Test BOP gas separa  Drilled on rates. PO  TIH and di slug and F	ack materia Nipple Up, s, Pick up a ator. curve section OH to chan rill to 10954	omment. Test BOP's and Make u on to 10862 gge mud mo	s: If from Levi s Ip new BHA 2'. Mud Mootor. e BU and m	Goodrich L A, TIH 26bb otor not givi	J2-3H.  Is lost to ng build	6/29/20 6/30/20 7/1/20	3,307	•	,	,	3,307	3,307	7/6/20 7/7/20 7/8/20 7/9/20	3,307	,	,	,	3,307	3,307
-		6/22/20 6/23/20 6/24/20 6/25/20	Transfer s Skid Rig / Test BOP gas separa  Drilled on rates. PO  TIH and di slug and F	ack materia Nipple Up, s, Pick up a ator. curve section OH to chan rill to 10954	omment. Test BOP's and Make u on to 10862 gge mud mo	s: If from Levi s Ip new BHA 2'. Mud Mootor. e BU and m	Goodrich L A, TIH 26bb otor not givi	J2-3H.  Is lost to ng build	6/29/20 6/30/20 7/1/20 7/2/20	3,307	•	,	,	3,307	3,307	7/6/20 7/7/20 7/8/20 7/9/20	3,307	,	,	,	3,307	3,307
-		6/22/20 6/23/20 6/24/20 6/25/20	Transfer s Skid Rig / Test BOP gas separa  Drilled on rates. PO  TIH and di slug and F	ack materia Nipple Up, s, Pick up a ator. curve section OH to chan rill to 10954	omment. Test BOP's and Make u on to 10862 gge mud mo	s: If from Levi s Ip new BHA 2'. Mud Mootor. e BU and m	Goodrich L A, TIH 26bb otor not givi	J2-3H.  Is lost to ng build	6/29/20 6/30/20 7/1/20 7/2/20	3,307	•	,	,	3,307	3,307	7/6/20 7/7/20 7/8/20 7/9/20	3,307	,	,	,	3,307	3,307

110 Old Market St. St Martinville, LA 70582 TEL: (337) 394-1078

92.4° 10,500' TVD

		OIL & G	AS		TTERS	ON	_	n / Block HINGTO	N	(	er Start Date		1,870 ft			Depth 12,8	15 ft	:
		YON A	- 1H	Rig Name ar	248			EXAS			04/28/20	)	324 ft/h		Activity DRL			RAL
Report for  JAMES D	VEP / I	ROBBY	GWIN	Report for	ol Push	or	Field / OSC-G	# DDINGS		Fluid Ty	OBM	Circu	alating Rate 372 gpm		Circulat	ing Pres ,160		·i
JAIVILS D			TY SPECII			ICI		DLUME (BI	DI \		PUMP #1		PUMP #2			ER B		
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	•	bbl bbl	Liner		25 Lin		25	Liner			LIX
8.8-10.2	8-20	5-12	>300	±260K	<10 <25	<10	In Hole		bbl bbl	Stro				2	Stro			
0.0 10.2		UD PROF		1200K	110 120	1.0	Active		4 bbl	bbl/				763	bbl/			
Time Sample		0211101		2:00		13:00	Storage		5 bbl	stk/ı				58	stk/ı			
Sample Locati				suction		pit	J	cation 332		gal/ı				86	gal/i			
Flowline Temp		F		130 °F		138 °F	Mud Wt. =		/=9	YP		3	ON DATA			.585	K = 2	239.1
Depth (ft)				11,686'		12.824'		Depth = 12,				out = 1%		Pump				
Mud Weight (p	opa)			8.9		8.9		Volume		180.5		rokes To B			Time T			
Funnel Vis (se			@ 125 °F	45		44	Drill String Disp.	Bottoms U	p Vol.	333.1		omsUp Stk		Botto			38 r	
600 rpm	17			27		30	72.9 bbl	TotalCir	c.Vol.	1323.		otalCirc.Stk			l Circ.		150	min
300 rpm				18		21		DRILLING	G ASS	SEMB	LY DATA		1	OLIDS				
200 rpm				14		16	Tubulars	OD (in.)	ID	(in.)	Length	Тор	Unit		Scre	ens	Hou	urs
100 rpm	00 rpm					12	Drill Pipe	4.500	3.8	326	10,028'		Shaker	· 1	17	0	20	0.0
6 rpm				6		6	Agitator	5.250	2.5	500	32'	10,028'	Shaker	2	17	0	20	0.0
3 rpm				5		5	Drill Pipe	4.500	3.8	326	2,609'	10,061'	Shaker	. 3	17	0	20	0.0
Plastic Viscos	ity (cp)		@ 150 °F	9		9	Dir. BHA	5.250	2.0	000	146'	12,669'	Centrifuç	ge 1			4.	.0
Yield Point (lb.	/100 ft²)		T0 = 4	9		12		CASIN	IG & I	HOLE	DATA							
Gel Strength (	lb/100 ft <sup>2</sup>	) 10 s	sec / 10 min	6/9		6/9	Casing	OD (in.)	ID	(in.)	Depth	Тор						
Gel Strength (	lb/100 ft2	!)	30 min	11		10	Riser						VOLUN	IE AC	COU	NTING	i (bbl	is)
HTHP Filtrate	(cm/30 m	nin)	@ 250 °F	6.0		6.0	Surface	10 3/4			3,000'		Prev. T	otal o	n Loc	ation	33	307.2
HTHP Cake T	hickness	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.8	375	10,245'		Transfe	erred li	n(+)/C	ut(-)		
Retort Solids (	Content			9%		9%	Washout 1							Oil	Adde	d (+)		
Corrected Soli	ids (vol%	)		7.1%		7.1%	Washout 2							Barite	Adde	d (+)		
Retort Oil Con	itent			70%		70%	Open	Hole Size	6.8	318	12,815'		Other Pr	oduct	Usag	e (+)		
Retort Water (	Content			21%		21%	AN	NULAR GE	OME	TRY 8	RHEOLO	GY		Water	Adde	d (+)		
O/W Ratio				77:23		77:23	annula	ue	pth	velo	,	ECD	Le	ft on C	Cutting	js (-)	-	-84.4
Whole Mud Cl	hlorides (	mg/L)		48,000		47,500	section	n		ft/m	nin reg	lb/gal	Non-Red	overa	ble Vo	ol. (-)		
Water Phase	Salinity (p	opm)		263,850		261,821								Cent	/Evap	/Trip		
Whole Mud Al	kalinity, F	Pom		2.0		1.4	6.875x4	1.5 10,	028'	337	7.3 turb	9.95	Est. T	otal o	n Loc	ation -	32	222.8
Excess Lime (	(lb/bbl)			2.6 ppb		1.8 ppb	6.875x5	.25 10,	061'	462	2.5 turb	10.24	Est. Los	ses/G	ains (-	)/(+)	1	105.8
Electrical Stab	oility (volt	s)		455 v		495 v	6.875x4		245'	337	7.3 turb	10.51	BIT	HYDR	1			
Average Spec			ls	2.82		2.74	6.818x4	·	669'	347		10.91	Bit H.S.I.	Bit	-	Nozzl	<u> </u>	
Percent Low 0				5.2%		5.5%	6.818x5	.25 12,	815'	481	1.5 turb	11.23	0.53	87	•	16	16	16
ppb Low Grav				43 ppb		45 ppb							Bit Impact Force	Noz Velc	city	16	18	12
Percent Barite	)			1.9%		1.6%			T			/ La · · ·		(ft/s	<i>'</i>		$\dashv$	
ppb Barite				27 ppb		23 ppb		DATA		nuf./Ty		rra/U6115		10		<u> </u>		<u> </u>
	Estimated Total LCM in System						Size	Depth In		ours	Footage	ROP ft/h				Circ.		
Sample Taker				A. Roman		M Washburn	6 3/4	10,954 ft	22	2.0	1,870 ft	85.0	2,240	psı		3,835	psi	
Afternoon Rem	arks/Reco	mmendatio	ons:				Afternoon R	tig Activity:										

LCM sweep contains:

15 ppb First Response

10 ppb Newcarb Med

10 ppb Cyberseal

Drilling 6-3/4" lateral hole section, samples are 100% Austin Chalk. Maintain mud wt. at 8.9 with additions of diesel and periodic use of centrifuge, pump 10 bbls LCM sweep every connection. Adding Optimul HP and Lime for ES and alkalinity, Bentone clays to maintain rheology, OPTIG - gilsonite, and Newphalt sulfonated asphalt for HTHP fluid loss and wellbore stability. No downhole mud losses detected.

10,400' TVD

#### **OUTSOURCE FLUID SOLUTIONS LLC.**

97.8°

**MAGNOLIA OIL & GAS PATTERSON** WASHINGTON 04/29/20 2,260 ft 14,160 ft Well Name and No me and No **GRAND CANYON A - 1H** 248 **TEXAS** 04/28/20 103 ft/hr DRLG LATERAL Field / OCS-G # ating Rate Circulating Pressure luid Type **JAMES DYER / BOBBY GWIN Tool Pusher GIDDINGS OBM** 391 apm 3.897 psi MUD PROPERTY SPECIFICATIONS PUMP #1 PUMP #2 RISER BOOSTER MUD VOLUME (BBL) Weight CaCl2 **GELS** HTHP In Pits 785 bbl Liner Size Liner Size 5.25 Liner Size 5.25 8.8-10.2 8-20 5-12 >300 ±260K <10 <25 <10 In Hole 567 bbl Stroke 12 Stroke 12 Stroke 6/27/20 6/26/20 1352 bbl bbl/stk 0.0763 bbl/stk 0.0763 bbl/stk 0.0000 61 61 Time Sample Taken 2:00 13:00 Storage 2005 bbl stk/min stk/min stk/min gal/min gal/min 3357 bbl gal/min Sample Location suction shaker Tot. on Location 196 196 0 n = 0.559 K = 295.909 Flowline Temperature °F 155 °F 138 °F PHHP = 889 **CIRCULATION DATA** Depth (ft) 14.038 12 824 Bit Depth = 14,160 ' Washout = 1% Pump Efficiency = 95% Mud Weight (ppg) 8.9 8.9 Volume to Bit 199 6 bbl Strokes To Bit 2 616 Time To Bit 21 min **Drill String** Disp. Funnel Vis (sec/qt) @ 125 °F 44 44 Bottoms Up Vol. 367.4 bbl BottomsUp Stks 4.814 BottomsUp Time 39 min 600 rpm 28 30 80.2 bbl TotalCirc Vol. 1352.0 bbl TotalCirc Stks 17.717 Total Circ Time 145 min **DRILLING ASSEMBLY DATA** SOLIDS CONTROL 19 300 rpm 21 14 OD (in.) Screens 200 rpm 16 **Tubulars** ID (in.) Length Top Unit Hours 10 12 Drill Pipe 3.826 11,373 0' Shaker 1 170 20.0 100 rpm 4.500 6 6 5.250 2.500 32 11,373' Shaker 2 170 20.0 Agitator 6 rpm 5 5 Drill Pipe 4.500 3.826 2,609' 11,406 Shaker 3 170 20.0 3 rpm 9 9 Dir. BHA 5.250 14.014 Centrifuae 1 6.0 Plastic Viscosity (cp) Yield Point (lb/100 ft²) T0 = 10 12 **CASING & HOLE DATA** 6/9 OD (in.) ID (in.) Gel Strength (lb/100 ft2) 10 sec/10 min 5/9 Casing Depth Top 30 min 12 10 **VOLUME ACCOUNTING (bbls)** Riser Gel Strength (lb/100 ft2) @ 250 °F 6.0 6.0 Surface 10 3/4 3.000' 0' 3307.2 HTHP Filtrate (cm/30 min) Prev. Total on Location HTHP Cake Thickness (32nds) 2.0 2.0 Int. Csg. 7 5/8 6.875 10,245 Transferred In(+)/Out(-) 0' Retort Solids Content 9% 9% Washout 1 Oil Added (+) 88.7 Corrected Solids (vol%) 7.1% 7.1% Washout 2 Barite Added (+) 0.0 Retort Oil Content 71% 70% Open Hole Size 6.818 14.160' Other Product Usage (+) 16.9 **ANNULAR GEOMETRY & RHEOLOGY** Retort Water Content 20% 21% Water Added (+) 60.0 78:22 77:23 O/W Ratio Left on Cuttings (-) -102.0 annular meas velocity flow ECD section depth ft/min reg lb/gal 47,000 47.500 Whole Mud Chlorides (ma/L) Non-Recoverable Vol. (-) 269,273 261,821 Water Phase Salinity (ppm) Cent/Evap/Trip -13.9 Whole Mud Alkalinity, Pom 2.4 1.4 6.875x4.5 10.245 354.7 turb 9.72 Est. Total on Location 3357.0 3.1 ppb 1.8 ppb 6.818x4.5 11,373 365.3 turb 9.86 Est. Losses/Gains (-)/(+) 0.0 Excess Lime (lb/bbl) 500 v 495 v 6.818x5.25 **BIT HYDRAULICS DATA** Electrical Stability (volts) 11,406 506.5 turb 9.96 2.70 2.74 6.818x4.5 14,014' 365.3 10.26 Bit H.S.I. Average Specific Gravity of Solids turb Βίτ ΔΡ Nozzles (32nds) 5.5% 6.818x5.25 Percent Low Gravity Solids 5.7% 14,160' 506.5 turb 10.39 0.57 90 psi 16 16 16 Nozzle 16 16 ppb Low Gravity Solids 47 ppb 45 ppb 16 Bit Impact Velocity Force Percent Barite 1.4% 1.6% ppb Barite 20 ppb 23 ppb **BIT DATA** Manuf./Type Hal./GTD64c 191 lbs 106

Remarks/Recommendations:

Sample Taken By

Estimated Total LCM in System

OBM Received:----3,310 bbls----Daily Received--( 0 bbls)

ppb

A. Romar

OBM On Surface ----2,790 bbls (Storage + Active Pits)

OBM Daily Gan/Loss--- (+50); Total Gain/Loss---(\_+47\_)

14.5# Kill OBM (408bbl)----9# OBM (1337bbls)---- \$65.00/bbl

Discounted OBM (260bbls--11#) ------\$15.00/bbl

6 3/4
Rig Activity:

Size

M Washburi

Depth In

10.954 ft

Hours

44.0

Footage

4.130 ft

Drilling-Sliding ahead on lateral section; Continue pumping 10bbls (LCM Sweep) every connection. Mud maintain at 8.9ppg in the active system with additions of Diesel. Using Centrifuge for processing mud recover from cuttings, use same for 6hrs from active system at alternated intervals to remove solids. Chemical additions of Bentone 38 and 990 for Rheology maintenance; Lime to maintain alkalinity; NewPhalt and Opti G to maintain Fluid loss. Diesel and Water additions for dilution and to offset evaporation.

ROP ft/hr

93.9

Motor/MWD

2.240 psi

Calc. Circ. Pressure

4.118 psi

Eı	ng. 1:	Mi	ke W	ashb	urn	Er	ng. 2:	Adolfo	Roman	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Pl	none:	30	61-94	5-57	77	Pł	none:	956-8	21-9994	Phone:	432-686-7361	Phone:	-			
W 1	P 1	Y 1	E 1	C 1	g 1	G 1	H 1	O 1	carefully	and may be	ecommendation, ex used if the user so ation, and this is a	elects, however	, no representation	has been prepared on is made as to the	\$9,880.77	\$59,146.85
												INCLUDI	NG 3RD PAR	TY CHARGES	\$15,456.72	\$86,988.42

Date <b>06/27/20</b>	Operator <b>MAGI</b>	NOLIA OIL		Well Name a GRANI	na No. D CANYON	<u>A - 1</u> H	Rig Name an		ort #13
	DAILY	USAGE 8	& COST	•			•	CUMU	LATIVE
Item	Unit	Unit Cost	Previous	Received	Closing	Daily	Daily Cost	Cum	Cum Cos
ALUMINUM TRISTEARATE			Inventory		Inventory	Usage	, , , , , , , , , , , , , , , , , , ,	Usage	
SAPP (50)	50# sk	\$44.56						40	\$1,782.40
PHPA LIQUID (pail)	5 gal	\$41.36			88				
DYNADET	5 gal	\$32.23						-4	1
EVO-LUBE	gal	\$14.00	975		975				
NEW GEL (PREMIUM)	100# sk	\$19.75	70		70				
CACL2 (50)	50# sk	\$14.32	214		194	20			\$1,632.48
LIME (50)	50# sk	\$5.00	150	200	280	70	\$350.00		\$1,150.00
BENTONE 910 (50)	50# sk	\$59.40							
BENTONE 990 (50)	50# sk	\$83.59	40		37	3		10	1 ' '
OPTI - G	50# sk	\$30.59	155	075	100	55	· '	125	1 ' '
OPTI - MUL OPTI - WET	gal	\$10.75	400	275	550 440	125 55		550	
NEW PHALT	gal 50# sk	\$8.34 \$38.72	495 30	80	80	30	-	330	1
NEW CARB (M)	50# sk	\$5.25	30	180	160	20		7:	1
MAGMAFIBER F (25)	25# sk	\$28.05		100	100	20	ψ100.00	36	· ·
CYBERSEAL	25# sk	\$20.05	100	120	200	20	\$429.40	40	1
OIL SORB (25)	25# sk	\$4.75	28	120	28	20	ψ. <u>2</u> 0.40	20	
BENTONE 38 (50)	50# sk	\$163.94	41		36	5	\$819.70	14	1
VARISEAL C				50	50				,
						_			
NEW WATE (SACK BARITE)	100# sk	\$11.50	160		160				
BARITE BULK (100)	100# sk	\$7.00	1363		1363			410	\$2,870.00
DYNA FIBER MED.	25# sk	\$53.67	120		120				
FIBER PLUG MAGMAFIBER R (30)	30# sk 30# sk	\$30.37 \$28.05	15 78		15 78				
IVIAGIVIAFIBER R (30)	30# SK	φ20.03	70		70				
									1
	+								1
	+								1
	+								1
OPTI DRILL (OBM)	bbl	\$65.00	3043		3043				\$455.0
. ( /	551	-55.55	23.13		5515				Ţ.55.51
DISCOUNTED OBM	bbl	\$15.00	260		260				
	551	Ţ.3.00	200						
	+								1
									1
									1
	+								1
	+								1
ENGINEERING (24 HR)	each	\$925.00				2	\$1,850.00	2:	\$20,350.0
ENGINEERING (DIEM)	bbl	\$30.00				2		22	
ENGINEERING (MILES)	each	\$1.00					, , , , , ,		, , , , , ,
- \/	220	Ţ00							
	+								
TRUCKING (cwt)	each	\$2.65						174:	\$4,616.2
TRUCKING (min)	each	\$795.00				1	\$795.00		\$1,590.0
	Cauli	ψ, 55.00				<u>'</u>	ψ, 55.00	<del>                                     </del>	. \$1,000.0
PALLETS (ea)	each	\$12.00				12	\$144.00	36	\$432.0
	each	\$12.00				12		36	1
SHRINK WRAP (ea)		,o		l		12	<b>+</b>		, .JZ.0
SHRINK WRAP (ea)	l								

Date	Operator			Well Name a	ınd No.		Rig Name an	ıd No.	Report No.	
06/27/20	MAG	NOLIA OIL	& GAS	GRANI	D CANYON	I A - 1H	2	48	Repoi	rt #13
	DAILY	USAGE 8	k COST						CUMUL	_ATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel Transfer from 3H	gal	\$0.91							7401	\$6,734.91
Diesel Delivery 5/1/20	gal	\$0.87						] [	5423	\$4,718.01
Diesel Delivery 5/3/20	gal	\$0.96								
Diesel Transfer from 3H	gal	\$1.30	950			950	\$1,235.00		8304	\$10,795.20
Diesel Delivery 6/24/20	gal	\$1.35	7205		4608	2597	\$3,505.95		2597	\$3,505.95
										<u> </u>
Turbo Chem / First Response	25# sk	\$41.75	100		80	20	\$835.00		50	\$2,087.50
										<u> </u>
			1	1			1			
			1	1			1			
		1			Daily C	ub-Total \$5	575.05		¢27.0	41 57
					Dally S	un-ioidi \$	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		\$27,8	1.3/
	<del></del>				1	Ī				
	Cum	ulative Tota	I AES & 3rd	Party \$86	,988.42					
						ı				

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: GRA

GRAND CANYON A - 1H

					WEEK 1							WEEK 2							WEEK 3			
	Date	6/22/20	6/23/20	6/24/20	6/25/20	6/26/20	6/27/20	6/28/20	6/29/20	6/30/20	7/1/20	7/2/20	7/3/20	7/4/20	7/5/20	7/6/20	7/7/20	7/8/20	7/9/20	7/10/20	7/11/20	7/12/20
		Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun
	Bit Size	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4															
Grand	Starting Depth	10,335	10,335	10,335	10,862	10,954	11,900	14,160														
Totals	Ending Depth	10,335	10,335	10,862	10,954	11,900	14,160	,														
	<u> </u>	· ·	· ·	· ·		-																
•	Footage Drilled	-	-	527	92	946	2,260	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
169	New Hole Vol.	-	-	23	4	42	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Starting System Volume	470	3,310	3,284	3,310	3,303	3,307	3,357	3,357	3,357	3,357	3,357	3,357	3,357	3,357	3,357	3,357	3,357	3,357	3,357	3,357	3,357
	Chemical Additions	-	-	7	0	5	17															
	Base Fluid Added	-	-	92	55	32	89															
	Barite Increase	-	-	7	-	-	-															
	Weighted Mud Added	2,840	-	-	-	-	-															
-	Slurry Added	-	-	-	-	-	-															
	Water Added	-	-	60	-	11	60															
-	Added for Washout	-	-	-	-	-	-															
3,274	Total Additions	2,840	-	166	55	47	166	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45	Surface Losses	-		30	15	-	-															
-	Formation Loss	-	-	-	-	-	-															
179	Mud Loss to Cuttings	-	-	30	4	43	102															
75	Unrecoverable Volume	-	-	60	15	-	-															
62	Centrifuge Losses	-	-	20	28		14															
360	Total Losses	-	-	140	62	43	116	-	-	_	-	-	-	-	-	-	-	-	-	-	-	_
26	Mud Transferred Out	_	26	_	_	-	l I	1				[						1	l I			! [
3,357	Ending System Volume	3,310	3,284	3,310	3,303	3,307	3,357	3,357	3,357	3,357	3,357	3,357	3,357	3,357	3,357	3,357	3,357	3,357	3,357	3,357	3,357	3,357
,			3,204	3,310	3,303	3,307	3,337	3,337	3,337	3,337	3,337	3,337	3,337	3,337	3,337	3,337	3,337	3,337	3,337	3,337	3,337	3,337
-	Mud Recovered	-																				
				С	omment	s <i>:</i>					С	omment	s:					С	omment	s <i>:</i>		
		6/22/20		ack materia Nipple Up,			Goodrich L	J2-3H.	6/29/20							7/6/20						
3,284		6/23/20	Test BOP' gas separ	s, Pick up a	ınd Make u	p new BHA	A, TIH 26bb	ls lost to	6/30/20							7/7/20						
	•	6/24/20		curve section			otor not givi	ng build	7/1/20							7/8/20						
		6/25/20		rill to 10954 POOH to ch			nonitor well	. Pump	7/2/20							7/9/20						
		6/26/20	TIH resum	ne drilling, M	IW 8.9ppg	(+4bbls O	BM)		7/3/20							7/10/20						
		6/27/20		ead, gain 5 ed at this ti		l gain 47bb	ols on the w	ell . No	7/4/20							7/11/20						
		6/28/20							7/5/20							7/12/20						

110 Old Market St. St Martinville, LA 70582

94.3° 10,383' TVD

Operator  MAGN  Well Name and No		OIL & G	AS	Contractor  PA  Rig Name a	ATTERS	ON	County / Parish WASI State	n / Block HINGTO	N	Engineer Start  04/2  Spud Date	9/20	24 hr ft			Drilled Drille	Depth 14,94	8 ft
		ON A -	1H	rug rumo a	248			EXAS		-	8/20		300 ft/hr		,	G LA	TERAL
Report for				Report for			Field / OSC-G			Fluid Type			iting Rate			ing Press	
JAMES D					ool Push	ner		DINGS			3 <b>M</b>		397 gpm			,734	-
		PROPERT	1	l				LUME (BE			IP #1		PUMP #2				OSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits		bbl	Liner Size	5.25			25	Liner		
8.8-10.2	8-20	5-12	>300	±260K	<10 <25	<10	In Hole		bbl	Stroke	12	Stro		2	Stro		
		JD PROP	ERTIES				Active		B bbl	bbl/stk	0.0763			763	bbl/		
Time Sample				2:00		13:00	Storage	<u></u>	<u>5 bbl</u>	stk/min	62			32	stk/r		
Sample Locat				suction		shaker	Tot. on Loc			gal/min	199			99	gal/r		
Flowline Temp	erature °F	F		155 °F		151 °F	Mud Wt. =		′=9	YP=10			N DATA				( = 295.9
Depth (ft)				14,038'		14,950'	Bit D	epth = 14,9			Washout =					ency =	
Mud Weight (p	. 07			8.9		8.9	Drill String Disp.			210.8 bbl	Strokes		•				22 min
Funnel Vis (se	ec/qt)		@ 136 °F	44		44				387.5 bbl	BottomsU	•			msUp		41 min
600 rpm				28		27	84.5 bbl			1318.3 bbl		c.Stks	· I				139 min
300 rpm				19		19				SEMBLY D						NTROL	
200 rpm				14		16	Tubulars	,	`	` ,	J	ор	Unit		Scre		Hours
100 rpm				10		12	Drill Pipe	4.500	3.8	,			Shaker		17		
6 rpm				6		6	Agitator	5.250	2.5			,161'	Shaker		17		
3 rpm				5		5	Drill Pipe	4.500	3.8	,		,194'	Shaker		17	0	
Plastic Viscos	,		@ 150 °F	9		8	Dir. BHA	5.250	2.0			,802'	Centrifuç	ge 1			
Yield Point (lb.			T0 = 4	10		11				HOLE DAT							
Gel Strength (	lb/100 ft²)	10 se	ec / 10 min	5/9		5/9	Casing	OD (in.)	ID (	(in.) De	pth T	ор					
Gel Strength (		<u> </u>	30 min	12		11	Riser						VOLUM	IE AC	COUN	NTING	` '
HTHP Filtrate	•		@ 250 °F	6.0		6.0	Surface	10 3/4		3,0	000'		Prev. T				3357.0
HTHP Cake T		(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.8	375 10,	245'		Transfe	erred I	n(+)/C	out(-)	
Retort Solids (				9%		9%	Washout 1								Adde	` ,	
Corrected Soli				7.1%		7.2%	Washout 2								Adde	` ,	
Retort Oil Con				71%		71%	•	Hole Size	6.8		948'		Other Pr		J	` '	
Retort Water (	Content			20%		20%	ANI	NULAR GE	OME	TRY & RH	EOLOGY				Adde	` ,	
O/W Ratio				78:22		78:22	annula section	i de	pth	velocity ft/min		CD /gal			Cutting		
Whole Mud Cl	•	-		47,000		46,500	Section	'		10111111	ieg ib	/yai	Non-Rec			,	
Water Phase				269,273		267,174									/Evap	•	
Whole Mud Al		om		2.4		1.8	6.875x4			360.6		.90	Est. T			_	3357.0
Excess Lime (				3.1 ppb		2.3 ppb	6.818x4	,		371.3		).27	Est. Los			, , ,	-33.7
Electrical Stab				500 v		535 v	6.818x5.	•	194'	514.8		0.53				CS DA	
Average Spec		-	S	2.70		2.78	6.818x4	,		371.3		1.02	Bit H.S.I.		ΔΡ		s (32nds)
Percent Low 0		lids		5.7%		5.4%	6.818x5.	25 14,9	948'	514.8	turb 11	1.30	0.60		psi		16 16
ppb Low Grav				47 ppb		45 ppb							Bit Impact Force		zzle ocity	16	16 16
Percent Barite	•			1.4%		1.7%					11.1/2=	20:		,	sec)		+
ppb Barite				20 ppb		25 ppb	BIT C			nuf./Type	Hal./GTI		197 lbs		08	0	_ــــــ
Estimated Tot		System		A F.			Size	Depth In	Ho			P ft/hr	Motor/M				Pressure
Sample Taker				A. Roman		M Washburn	6 3/4	10,954 ft	56	o.u 3,99	94 ft 7	1.3	2,240	psi		4,264	haı
Afternoon Rem			ons:				Afternoon R	ig Activity:									
	ep contair						Drillio	na 6-3/4" l	ateral	l hole sect	ion samn	ıles ər	e 100% A	C. With	h lin f	n 2% c	alcite
	rst Respo						from	fractures	that v	were cross	sed at 143	350 - 1	14400 and	from	1455	0 - 146	600,
	ewcarb M	ed											bbls/hr af pumping 1				
10 ppb C										rease freq							
5 ppb VA	RISEAL																

10,322' TVD

### **OUTSOURCE FLUID SOLUTIONS LLC.**

TEL: (337) 394-1078

90.6°

Operator MAGI	NOLIA (	OIL &	GAS	Contractor	TTERS	ON	County / Parish /	Block HINGTO	N	Engineer	Start D		24 hr f	2,060 ft		Drilled		20 ft
Well Name and No.				Rig Name ar			State	->/ 4 -		Spud Dat			Curren			Activity		
GRAN Report for	D CAN	YON A	\ - 1H	Report for	248		TE Field / OCS-G #	EXAS		Fluid Typ	04/28	3/20	Circula	94 ft/hr	'	DRL Circulat		ATERAL
JAMES D	YER / I	вовв	Y GWIN		ol Pusi	her		DINGS		r raid Typ	ОВ	М		397 gpn	n		-	s psi
	MUD	PROPE	RTY SPECIF	ICATION	s		MUD VO	LUME (BE	3L)		PUMI	P #1		PUMP #2			-	OOSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	•	6 bbl	Liner	Size	5.25	Line	r Size 5	.25	Liner	Size	
8.8-10.2	8-20	5-12	>300	±260K	<10 <25	<10	In Hole	649	9 bbl	Strol	ke	12	Str	oke ´	12	Stro	oke	
				6/28/20		6/27/20	Active	144	5 bbl	bbl/s	stk	0.0763	bb	l/stk 0.0	763	bbl	/stk	0.0000
Time Sample	Taken			2:00		13:00	Storage	<u>192</u>	3 bbl	stk/n	min	62	stk	/min 6	62	stk/	min	
Sample Locati	on			suction		shaker	Tot. on Loc	cation 336	i8 bbl	gal/n	min	199	gal	/min 1	99	gal/	min	0
Flowline Temp	erature °F	 F		160 °F		151 °F	F	PHHP = 114	19	1	CII	RCULATI	ON DA	TA		n = 0	).559	K = 295.909
Depth (ft)				16,087'		14,950'	Bit D	Depth = 16,	220 '		١	Nashout	= 1%		Pump	Effici	ency :	= 95%
Mud Weight (p	ppg)			8.9		8.9	Drill String	Volume	to Bit	228.9	) bbl	Stroke	s To Bit	2,999		Time <sup>-</sup>	To Bit	24 min
Funnel Vis (se	ec/qt)		@ 136 °F	41		44	Disp.	Bottoms U	Jp Vol.	419.9	) bbl	Bottoms	Jp Stks	5,502	Botto	msUp	Time	44 min
600 rpm				28		27	91.5 bbl	TotalCi	rc.Vol.	1444.8	8 bbl	TotalC	irc.Stks	18,933	Tota	ıl Circ.	Time	153 min
300 rpm				19		19		DRILLIN	G ASS	SEMBL	Y DA	TA		S	OLID	s co	NTRC	)L
200 rpm				15		16	Tubulars	OD (in.)	ID	(in.)	Len	gth	Тор	Unit		Scre	ens	Hours
100 rpm				11		12	Drill Pipe	4.500	3.	826	13,4	133'	0'	Shake	r 1	17	70	24.0
6 rpm				7		6	Agitator	5.250	2.	500	3	2' 1:	3,433'	Shake	r 2	17	70	24.0
3 rpm				6		5	Drill Pipe	4.500	3.	826	2,6	09' 1	3,466'	Shake	r 3	17	70	24.0
Plastic Viscosi	ity (cp)		@ 150 °F	9		8	Dir. BHA	5.250	2.	.000	14	16' 10	6,074'	Centrifu	ge 1			8.0
Yield Point (lb/	/100 ft²)		T0 = 5	10		11		CASIN	IG & I	HOLE [	DATA							
Gel Strength (I	lb/100 ft²)	10	0 sec/10 min	6/10		5/9	Casing	OD (in.)	ID	(in.)	De	pth	Тор					
Gel Strength (l	lb/100 ft <sup>2</sup> )		30 min	14		11	Riser							VOLUM	/IE AC	cou	NTING	G (bbls)
HTHP Filtrate	(cm/30 m	in)	@ 250 °F	6.0		6.0	Surface	10 3/4			3,0	00'	0'	Prev.	Γotal o	n Loc	ation	3357.0
HTHP Cake T	hickness	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	875	10,2	245'	0'	Transfe	erred I	n(+)/C	Out(-)	
Retort Solids (	Content			10%		9%	Washout 1								Oil	Adde	ed (+)	108.4
Corrected Soli	ds (vol%)			8.2%		7.2%	Washout 2								Barite	Adde	ed (+)	0.0
Retort Oil Con	tent			71%		71%	Oper	Hole Size	6.	818	16,2	220'		Other P	roduct	Usag	je (+)	12.6
Retort Water 0	Content			19%		20%	ANI	NULAR GE	ОМЕ	TRY &	RHE	DLOGY			Water	Adde	ed (+)	80.0
O/W Ratio				79:21		78:22	annular	r me	eas.	velo	city	flow	ECD	Le	eft on (	Cutting	gs (-)	-93.0
Whole Mud Ch	nlorides (n	ng/L)		44,000		46,500	section	de	epth	ft/m	nin	reg I	b/gal	Non-Red	covera	ble V	ol. (-)	-52.2
Water Phase S	Salinity (p	pm)		266,397		267,174									Cent	/Evap	/Trip	-45.0
Whole Mud Al	kalinity, P	om		2.0		1.8	6.875x4.	.5 10,	,245'	360	0.6	turb	9.83	Est.	Total o	n Loc	ation	3367.7
Excess Lime (	lb/bbl)			2.6 ppb		2.3 ppb	6.818x4.	.5 13,	,433'	371	.3	turb 1	0.14	Est. Los	ses/G	ains (	-)/(+)	0.0
Electrical Stab	ility (volts	)		525 v		535 v	6.818x5.2	25 13,	,466'	514	1.8	turb 1	0.23	BIT	HYDF	RAULI	ICS D	ATA
Average Spec	ific Gravit	y of Solid	ds	2.64		2.78	6.818x4.	.5 16,	,074'	371	.3	turb 1	0.54	Bit H.S.I.	Bit	ΔΡ	Nozz	les (32nds)
Percent Low G	Gravity So	lids		6.9%		5.4%	6.818x5.2	25 16,	,220'	514	1.8	turb 1	0.65	0.61	94	psi	16	16 16
ppb Low Gravi	ity Solids			56 ppb		45 ppb								Bit Impact	Noz Velo	zzle ocity	16	16 16
Percent Barite				1.4%		1.7%								Force	(ft/s			
ppb Barite				19 ppb		25 ppb	BIT D	ATA	Ma	anuf./Ty	/pe	Hal./G1	D64c	199 lbs	10	08		
Estimated Total LCM in System ppb							Size	Depth In	Н	ours	Foot	tage RC	P ft/hr	Motor/M	WD	Calc	. Circ	. Pressure
Sample Taken	в Ву			A. Roman	0	M Washburn	6 3/4	10,954 ft	6	6.0	6,19	90 ft	93.8	2,240	psi		4,429	9 psi

Remarks/Recommendations:

OBM Received:-----3,310 bbls-----Daily Received--( 0 bbls)

OBM On Surface ----2,689 bbls (Storage + Active Pits)

OBM Daily Gan/Loss--- (+11); Total Gain/Loss---(\_+58\_)

14.5# Kill OBM (408bbl)----9# OBM (1255bbls)---- \$65.00/bbl

Discounted OBM (260bbls--11#) -----\$15.00/bbl

Rig Activity:

Drilling-Sliding ahead on lateral section; Continue pumping 10bbls (LCM Sweep) every connection. @14350'--14550' cross fracture on formation, lost 50bbls (+-) down hole. Well steady and not taking any mud after 14600'. Mud Weight maintain at 8.9ppg in the active system with additions of Diesel and water, also for dilution and to offset evaporation. Run Centrifuge for processing mud recover from cuttings, use same for 6hrs from active system at alternated intervals for LGS control. Chemical additions of Bentone 38 and 990 for Rheology maintenance; Lime to maintain alkalinity; NewPhalt and Opti G to maintain Fluid loss. At this time we continue drilling/Sliding passing 16275'. No seepeage or losses at this time.

En	g. 1:	Mi	ke W	ashbu	ırn	En	g. 2:	Adolfo	Roman	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Ph	one:	30	61-94	5-577	77	Ph	one:	956-8	21-9994	Phone:	432-686-7361	Phone:	-			
W 1	P 1	Y 1	E 1	C 1	g 1	G 1	H 1	O 1	carefully	and may be	used if the user		, no representation	nas been prepared on is made as to the	\$7,933.83	\$67,080.68
											•	INCLUDI	NG 3RD PAR	TY CHARGES	\$13,842.78	\$100,831.20

Date <b>06/28/20</b>	Operator <b>MAGI</b>	NOLIA OIL	& GAS	Well Name a GRANI	CANYON		Rig Name and 248		ort #14
	DAILY	USAGE 8	& COST					CUMI	ILATIVE
ltam	Hait	Unit Coot	Previous	Dessived	Closing	Daily	Daily Cast	Cum	Cum Co
Item	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost	Usage	Cum Cos
ALUMINUM TRISTEARATE									
SAPP (50)	50# sk	\$44.56						4	\$1,782.4
PHPA LIQUID (pail)	5 gal	\$41.36	88		88			-	1 -\$41.3
DYNADET	5 gal	\$32.23						-	
EVO-LUBE	gal	\$14.00			975				T
NEW GEL (PREMIUM)	100# sk	\$19.75	70		70				+
NEW GEL (PREMION)	100# SK	φ19.75	70		70		-		+
		4							
CACL2 (50)	50# sk	\$14.32	194		184	10	\$143.20	12	
LIME (50)	50# sk	\$5.00	280		200	80	\$400.00	31	\$1,550.0
BENTONE 910 (50)	50# sk	\$59.40							7 \$415.8
BENTONE 990 (50)	50# sk	\$83.59	37		31	6	\$501.54	2	2 \$1,838.9
OPTI - G	50# sk	\$30.59	100		80	20	\$611.80	14	\$4,435.5
OPTI - MUL	gal	\$10.75	550		375	175	\$1,881.25	72	
OPTI - WET	gal	\$8.34	440		440		<b>V</b> 1,00 11=0	33	
	<del></del>					0.5	<b>#</b> 000 00		
NEW PHALT	50# sk	\$38.72	80		55	25	\$968.00	14	
NEW CARB (M)	50# sk	\$5.25	160		140	20	\$105.00	9	
MAGMAFIBER F (25)	25# sk	\$28.05						3	\$1,009.8
CYBERSEAL	25# sk	\$21.47	200		180	20	\$429.40	6	\$1,288.2
OIL SORB (25)	25# sk	\$4.75	28		28			2	\$95.0
BENTONE 38 (50)	50# sk	\$163.94	36		30	6	\$983.64	2	_
VARISEAL C	33# 510	Ţ.00.0Ŧ	50		50	<u> </u>	, , , , , , ,	<u> </u>	72,270.0
VANUEAL O			50		50				+
									+
NEW WATE (SACK BARITE)	100# sk	\$11.50	160		160				<u> </u>
BARITE BULK (100)	100# sk	\$7.00	1363		1363			41	\$2,870.0
									1
	1								†
DYNA EIREP MED	2E# 51:	¢E2.07	400		100				+
DYNA FIBER MED.	25# sk	\$53.67	120		120			<u> </u>	+
FIBER PLUG	30# sk	\$30.37	15		15			<u> </u>	1
MAGMAFIBER R (30)	30# sk	\$28.05	78		78				
	1								1
									+
									+
									1
									1
									<u> </u>
			<u> </u>						<u> </u>
	1								1
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		<u> </u>	<u> </u>						
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	1								1
	-							-	+
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									<del> </del>
		<u> </u>	<u> </u>						
									1
OPTI DRILL (OBM)	bbl	\$65.00	3043		3043				7 \$455.0
(	551	<del>400.00</del>	55-55		5575				<del>+ 100.0</del>
		<b>0.5</b>						-	+
DIGGOLINITED CO.		\$15.00	260		260				1
DISCOUNTED OBM	bbl	ψ.σ.σσ							
DISCOUNTED OBM	bbl	<b>\$10.00</b>							1
DISCOUNTED OBM	bbl	ψ.σ.σσ							
DISCOUNTED OBM	bbl	<b>V.0.00</b>							+
DISCOUNTED OBM	bbl	ψ.σ.σ.							
DISCOUNTED OBM	bbl	<b>V</b> 10100							
DISCOUNTED OBM	bbl	<b>V</b> .0.00							
DISCOUNTED OBM	bbl	<b>V.0.00</b>							
DISCOUNTED OBM	bbl								
DISCOUNTED OBM	bbl								
DISCOUNTED OBM	bbl								
	each	\$925.00				2	\$1,850.00	2	\$22,200.0
ENGINEERING (24 HR)	each	\$925.00							\$22,200.0 4 \$720.0
ENGINEERING (24 HR) ENGINEERING (DIEM)	each bbl	\$925.00 \$30.00				2 2	\$1,850.00	2 2	
ENGINEERING (24 HR) ENGINEERING (DIEM)	each	\$925.00							
ENGINEERING (24 HR) ENGINEERING (DIEM)	each bbl	\$925.00 \$30.00							
ENGINEERING (24 HR) ENGINEERING (DIEM)	each bbl	\$925.00 \$30.00							
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES)	each bbl	\$925.00 \$30.00						2	\$720.0
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES)	each bbl each	\$925.00 \$30.00 \$1.00						174	\$720.0 \$4,616.2
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES)	each bbl each	\$925.00 \$30.00 \$1.00						174	\$720.0
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES) FRUCKING (cwt) FRUCKING (min)	each bbl each each each	\$925.00 \$30.00 \$1.00 \$2.65 \$795.00						174	\$720.0 \$720.0 \$2 \$4,616.2 \$1,590.0
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES)  FRUCKING (cwt) FRUCKING (min)  PALLETS (ea)	each bbl each	\$925.00 \$30.00 \$1.00 \$2.65 \$795.00						174	\$720.0 \$4,616.2 \$1,590.0 \$432.0
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES)  FRUCKING (cwt) FRUCKING (min)  PALLETS (ea)	each bbl each each each	\$925.00 \$30.00 \$1.00 \$2.65 \$795.00						174	\$720.0 \$4,616.2 \$1,590.0 \$432.0
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES)  FRUCKING (cwt) FRUCKING (min)  PALLETS (ea) SHRINK WRAP (ea)	each bbl each each each each	\$925.00 \$30.00 \$1.00 \$2.65 \$795.00 \$12.00	ub-Total \$7				\$60.00	174	\$720.0 \$4,616.2 \$1,590.0 \$432.0

Date	Operator		Well Name a	nd No.		Rig Name ar	nd No.	Report No.		
06/28/20	MAG	NOLIA OIL	& GAS	GRANI	CANYON	I A - 1H	2	48	Repo	rt #14
	DAILY	USAGE 8	k COST						CUMUL	_ATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel Transfer from 3H	gal	\$0.91							7401	\$6,734.91
Diesel Delivery 5/1/20	gal	\$0.87							5423	\$4,718.01
Diesel Delivery 5/3/20	gal	\$0.96								
Diesel Transfer from 3H	gal	\$1.30							8304	\$10,795.20
Diesel Delivery 6/24/20	gal	\$1.35	4608		231	4377	\$5,908.95		6974	\$9,414.90
Diesel Delivery 6/27/20	gal	\$1.29		7401	7401					
Turbo Chem / First Response	25# sk	\$41.75	80		80				50	\$2,087.50
Turbo Oriem / Tracticoporise	25# 310	Ψ1.73	- 00		00				- 30	Ψ2,007.30
							1			
		1								
							1			
	•				Daily S	ub-Total \$	5,908.95		\$33,7	50.52
					, 0	<del></del>	- ,		\$55,7	
	Cumu	Ilative Total	AES & 3rd	Party \$100	,831.20					
	1	_				<u> </u>				

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: GRA

GRAND CANYON A - 1H

					WEEK 1							WEEK 2							WEEK 3			
	Date	6/22/20	6/23/20	6/24/20	6/25/20	6/26/20	6/27/20	6/28/20	6/29/20	6/30/20	7/1/20	7/2/20	7/3/20	7/4/20	7/5/20	7/6/20	7/7/20	7/8/20	7/9/20	7/10/20	7/11/20	7/12/20
		Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun
	Bit Size	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4														
Grand	Starting Depth	10,335	10,335	10,335	10,862	10,954	11,900	14,160	16,220													
Totals	Ending Depth	10,335	10,335	10,862	10,954	11,900	14,160	16,220														
5.885	Footage Drilled	-	-	527	92	946	2,260	2,060	-	-	-	-	_	-	_	-	_	-	_	-	-	-
	New Hole Vol.	-	_	23	4	42	100	91	-	-	_	-	_	-	_	_	_	_	_	_	_	_
	Starting System Volume	470	3,310	3,284	3,310	3,303	3,307	3,357	3,368	3,368	3,368	3,368	3,368	3,368	3,368	3,368	3,368	3,368	3,368	3,368	3,368	3,368
41	Chemical Additions	-	-	7	0	5	17	13	-,	-,	-,	-,	-,	-,	-,	-,	-,	-,	-,	.,	-,	-,
	Base Fluid Added	-	-	92	55	32	89	108														
	Barite Increase	-	-	7	-	-	-	-														
	Weighted Mud Added	2,840	-	-	-	-	-	-														
· -	Slurry Added	-	-	-	-	-	-	-														
211	Water Added	-	-	60	-	11	60	80														
-	Added for Washout	-	-	-	-	-	-	-														
3,474	Total Additions	2,840	-	166	55	47	166	201	-	-	-	-	-	-	-	-	-	-	-	-	-	-
75	Surface Losses	-		30	15	-	-	30														
52	Formation Loss	-	-	-	-	-	-	52														
272	Mud Loss to Cuttings	-	-	30	4	43	102	93														
	Unrecoverable Volume	-	-	60	15	-	-	-														
77	Centrifuge Losses	-	-	20	28	-	14	15														
551	Total Losses	-	-	140	62	43	116	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	Mud Transferred Out	-	26	-	-	-																
	Ending System Volume	3,310	3,284	3,310	3,303	3,307	3,357	3,368	3,368	3,368	3,368	3,368	3,368	3,368	3,368	3,368	3,368	3,368	3,368	3,368	3,368	3,368
	Mud Recovered	-			·	·														,	·	
					omment	•		I.		·		omment		ı	I.				omment			
				U	omment	S.						omment	<b>S.</b>						omment	S.		
		6/22/20		ack materia Nipple Up,			Goodrich (	J2-3H.	6/29/20							7/6/20						
3,284		6/23/20	Test BOP	's, Pick up a ator.	and Make u	p new BHA	A, TIH 26bb	ls lost to	6/30/20							7/7/20						
	1	6/24/20		curve section			tor not givi	ng build	7/1/20							7/8/20						
		6/25/20		rill to 10954 POOH to ch			nonitor well	. Pump	7/2/20							7/9/20						
		6/26/20	TIH resum	ne drilling, N	/IW 8.9ppg	. (+4bbls O	BM)		7/3/20							7/10/20						
		6/27/20		lead, gain 5 ted at this ti		ıl gain 47bt	ols on the w	ell . No	7/4/20							7/11/20						
		6/28/20		ead, gain 1 formation a point.					7/5/20							7/12/20						

OUTSOURCE FLUID SOLUTIONS LLC.

TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

5 ppb VARISEAL

95.0° 10,296' TVD

	IOLIA C	OIL & G	AS		TTERS	ON	County / Paris	HINGTO	N	(	or Start Date 04/29/20	)	hr ftg.				6,642	2 ft	
Well Name and No.	CANY	ON A	· 1H	Rig Name a	nd No. <b>248</b>	_	State <b>T</b>	EXAS		Spud Da	ate 04/28/20		rrent R	25 ft/hr		Activity  DRL	G LA	ΓER	AL
Report for	V== :-			Report for			Field / OSC-G			Fluid Ty	•	Circ		g Rate			ng Pressu		
JAMES D					ol Push	ner		DDINGS			ОВМ			97 gpm	1		,079	•	
)A/ * 1/		1	TY SPECI	l	ı	LITLID		OLUME (BI			PUMP #1			PUMP #2	0.5		R BO	OSTE	=R
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits		) bbl	Liner			ner S			Liner			
8.8-10.2	8-20	5-12 JD PROF	>300	±260K	<10 <25	<10	In Hol		6 bbl	Stro			Stroke bbl/st			Strol			
Time Sample		JD I KOI	LIVIILO	2:00		13:00	Storag		3 bbl	stk/r			stk/mi			stk/n			
Sample Locati				suction		shaker	Tot. on Lo		9 bbl	gal/r			gal/mi			gal/r			
Flowline Temp		=		160 °F		155 °F	Mud Wt.		/=9	YP=		RCULAT					559 K	= 29	95.9
Depth (ft)				16,087'		16,571'		Depth = 16,				nout = 19		1			ncy = 9		
Mud Weight (p	pg)			8.9		8.9		Volume		234.9		rokes To		3,078			o Bit		nin
Funnel Vis (se	. 07		@ 136 °F	41		42	Drill String Disp.	Bottoms U	p Vol.	430.6	6 bbl Bott	omsUp St	ks	5,643	Botton	nsUp <sup>-</sup>	Γime	46 m	nin
600 rpm	.,			28		35	93.8 bbl	TotalCir	c.Vol.	1385.		otalCirc.St		18,157			Γime 1	146 n	nin
300 rpm				19		23		DRILLING	G ASS	SEMBI	LY DATA			S	OLIDS	CON	ITROL		
200 rpm				15		18	Tubulars	OD (in.)	ID	(in.)	Length	Тор		Unit		Scre	ens	Hou	rs
100 rpm				11		13	Drill Pipe	4.500	3.8	326	13,855'			Shaker	1	17	0		
6 rpm				7		7	Agitator	5.250	2.5	500	32'	13,855	5'	Shaker	2	17	0		
3 rpm				6		6	Drill Pipe	4.500	3.8	326	2,609'	13,888	3'	Shaker	3	17	0		
Plastic Viscosi	ty (cp)		@ 150 °F	9		12	Dir. BHA	5.250	2.0	000	146'	16,496	6'	Centrifug	je 1				
Yield Point (lb/	(100 ft²)		T0 = 5	10		11		CASIN	IG & I	HOLE	DATA								
Gel Strength (	b/100 ft <sup>2</sup> )	10 s	ec / 10 min	6/10		6/9	Casing	OD (in.)	ID	(in.)	Depth	Тор							
Gel Strength (	b/100 ft2)	)	30 min	14		12	Riser							VOLUM	IE ACC	COUN	ITING (	(bbls	;)
HTHP Filtrate	(cm/30 m	in)	@ 250 °F	6.0		6.0	Surface	10 3/4			3,000'			Prev. T	otal or	Loca	ition	336	67.8
HTHP Cake TI	nickness (	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.8	375	10,245'			Transfe	rred In	(+)/O	ut(-)		
Retort Solids (	Content			10%		9%	Washout 1								Oil /	Added	d (+)		
Corrected Soli	ds (vol%)			8.2%		7.2%	Washout 2							E	Barite /	Added	d (+)		
Retort Oil Con	tent			71%		70%	Oper	n Hole Size	6.8	318	16,642'			Other Pro	oduct l	Jsage	e (+)		
Retort Water (	Content			19%		21%	AN	NULAR GE	ОМЕ	TRY 8	RHEOL	OGY		V	Vater /	Added	d (+)		
O/W Ratio				79:21		77:23	annula	ar de	pth	velo	city flow	ECD		Lef	ft on C	utting	s (-)		
Whole Mud Ch	nlorides (r	ng/L)		44,000		46,500	sectio	n de	Pui	ft/m	nin reg	lb/gal		Non-Rec	overab	le Vo	l. (-)		
Water Phase S	Salinity (p	pm)		266,397		257,730									Cent/	Evap/	Trip		
Whole Mud Al	kalinity, P	om		2.0		2.4	6.875x4	1.5 10,	245'	360	).6 turb	9.77		Est. T	otal or	Loca	ition	336	67.8
Excess Lime (	lb/bbl)			2.6 ppb		3.1 ppb	6.818x4	4.5 13,	855'	371	.3 turb	10.07	·	Est. Loss	ses/Ga	ins (-	)/(+)	-5	59.2
Electrical Stab	ility (volts	)		525 v		595 v	6.818x5	.25 13,	888'	514	1.8 turb	10.09		BIT	HYDR	AULIC	CS DA	ГА	
Average Spec	ific Gravit	y of Solid	s	2.64		2.75	6.818x4	4.5 16,	496'	371	.3 turb	10.34	E	Bit H.S.I.	Bit /	ΔP	Nozzles	s (32r	nds)
Percent Low G	Gravity So	lids		6.9%		5.6%	6.818x5	.25 16,	642'	514	l.8 turb	10.40	·	0.61	94		16 1	16	16
ppb Low Gravi	ty Solids			56 ppb		46 ppb							В	it Impact	Nozz Velo		16 1	16	16
Percent Barite				1.4%		1.6%			l				_	Force	(ft/se	´  -		$\perp$	
ppb Barite				19 ppb		23 ppb		DATA		nuf./Ty		I./GTD64		199 lbs	10				
Estimated Total		System					Size	Depth In		ours	Footage		'hr	Motor/M\			Circ. P		ure
Sample Taken				A. Roman		M Washburn	6 3/4	10,954 ft	66	6.0	6,190 ft	93.8		2,240 p	osi		4,478	psi	
Afternoon Rema			ons:				Afternoon F	Rig Activity:											
LCM swe	•							ng 6-3/4" I continue p											νt.
15 ppb Fi	·						wett	ing of solic	ls, vo	lume ı	maintena	nce and	dilut	tion, wate	er for e	evapo	oration		
10 ppb No		ea					Addi	acement, Ling OPTIG	- gils	sonite	and NEV	/PHALT	- blo	own asph	nalt fo	r HTF	dP fluid	d los	
10 ppb C								rol and we rifuge as n					mud	d losses	detect	ed, o	perate	•	

centrifuge as needed for density control.

#### **OUTSOURCE FLUID SOLUTIONS LLC.**

95.1° 10,252' TVD

Operator  MAGN  Well Name and No.	NOLIA (	OIL &	GAS	Contractor PA Rig Name ar	TTERS	ON	County / Parish / WASH	Block	N	Engineer C	)4/29		24 hr ftg	1,207 ft		Drilled D	-	27 ft
	D CAN	YON A	A - 1H	Nig Name ai	248			EXAS		-	 )4/28	3/20	Current	55 ft/hr	ľ		G LA	ATERAL
Report for				Report for			Field / OCS-G #			Fluid Typ	е		Circulat	ting Rate		Circulati	ng Pres	sure
JAMES D	YER /	BOBB	BY GWIN	To	ol Pusi	ner	GID	DINGS			ОВ	М	;	397 gpm	1	4	,154	psi
	MUD	PROPE	ERTY SPECII	FICATION	s		MUD VO	LUME (BB	BL)		PUMI	P #1		PUMP #2		RISE	R BC	OOSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	900	) bbl	Liner	Size	5.25	Liner	Size 5.	25	Liner	Size	
8.8-10.2	8-20	5-12	>300	±260K	<10 <25	<10	In Hole	697	7 bbl	Strol	ke	12	Stro	oke 1	2	Strol	ke	
				6/29/20		6/28/20	Active	159	7 bbl	bbl/s	stk	0.0763	bbl/	/stk 0.0	763	bbl/s	stk	0.0000
Time Sample	Taken			2:00		13:00	Storage	<u>181</u>	1 bbl	stk/n	nin	62	stk/	min 6	62	stk/n	nin	
Sample Location	on			suction		shaker	Tot. on Loc	cation 340	8 bbl	gal/n	nin	199	gal/	min 1	99	gal/n	nin	0
Flowline Temp	erature °F	F		160 °F		155 °F		PHHP = 96	3	•	CIF	RCULATIO	ON DA	TA		n = 0.	632	K = 197.766
Depth (ft)				17,292'		16,571'	Bit C	epth = 17,	427 '		١	Washout =	1%		Pump	Efficie	ncy =	95%
Mud Weight (p	pg)			8.9		8.9	Drill String	Volume	to Bit	246.0	bbl	Strokes	To Bit	3,224	-	Time T	o Bit	26 min
Funnel Vis (se	c/qt)		@ 136 °F	43		42	Disp.	Bottoms U	p Vol.	450.6	bbl	BottomsU	p Stks	5,905	Bottor	msUp T	Γime	48 min
600 rpm				31		35	98.0 bbl	TotalCir	rc.Vol.	1596.7	7 bbl	TotalCir	c.Stks	20,924	Total	I Circ. 7	Γime	169 min
300 rpm				20		23		DRILLING	G ASS	SEMBL	Y DA	ГА		s	OLIDS	CON	TRO	L
200 rpm				15		18	Tubulars	OD (in.)	ID	(in.)	Len	gth T	ор	Unit		Scree	ens	Hours
100 rpm				11		13	Drill Pipe	4.500	3.	826	14,6	640'	0'	Shaker	1	170	0	24.0
6 rpm				6		7	Agitator	5.250	2.	500	32	2' 14	640'	Shaker	2	170	0	24.0
3 rpm				5		6	Drill Pipe	4.500	3.	826	2,6	09' 14	673'	Shaker	3	170	0	24.0
Plastic Viscosi	ty (cp)		@ 150 °F	11		12	Dir. BHA	5.250	2.	000	14	6' 17	281'	Centrifuç	je 1			6.0
Yield Point (lb/	100 ft²)		T0 = 4	9		11		CASIN	IG & I	HOLE D	DATA							
Gel Strength (I	b/100 ft²)	1	10 sec/10 min	6/11		6/9	Casing	OD (in.)	ID	(in.)	De	pth T	ор					
Gel Strength (I	b/100 ft <sup>2</sup> )		30 min	14		12	Riser							VOLUM	IE AC	COUN	TING	(bbls)
HTHP Filtrate	(cm/30 m	in)	@ 250 °F	6.0		6.0	Surface	10 3/4			3,0	00'	0'	Prev. T	otal o	n Loca	ition	3367.8
HTHP Cake TI	hickness	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	875	10,2	245'	0'	Transfe	erred Ir	n(+)/O	ut(-)	
Retort Solids 0	Content			9%		9%	Washout 1								Oil	Added	d (+)	112.7
Corrected Soli	ds (vol%)			7.2%		7.2%	Washout 2								Barite	Added	d (+)	0.0
Retort Oil Con	tent			71%		70%	Oper	Hole Size	6.	818	17,4	127'		Other Pr	oduct	Usage	e (+)	16.8
Retort Water 0	Content			20%		21%	ANI	NULAR GE	ОМЕ	TRY &	RHE	DLOGY		,	Water	Added	d (+)	80.0
O/W Ratio				78:22		77:23	annular	. me	eas.	velo	city	flow E	CD	Le	ft on C	Cutting	s (-)	-54.5
Whole Mud Ch	nlorides (n	ng/L)		44,000		46,500	section		pth	ft/m	,		/gal	Non-Red	overal	ble Vo	l. (-)	-70.0
Water Phase S	Salinity (p	pm)		256,494		257,730				1	Į.	·			Cent	/Evap/	Trip	-45.0
Whole Mud All	kalinity, P	om		2.0		2.4	6.875x4.	5 10,	245'	360	.6	turb 9	.84	Est. T	otal o	n Loca	ition	3407.7
Excess Lime (I	lb/bbl)			2.6 ppb		3.1 ppb	6.818x4.	5 14,	640'	371	.3	turb 10	).24	Est. Los	ses/Ga	ains (-)	- )/(+)	0.0
Electrical Stab	ility (volts	)		540 v		595 v	6.818x5.2	25 14,	673'	514	.8	turb 10	0.30	BIT	HYDR	AULIC	CS D	ATA
Average Speci	ific Gravit	y of Soli	ids	2.86		2.75	6.818x4.	5 17,	281'	371	.3	turb 10	).59	Bit H.S.I.	Bit .	ΔΡ	Nozzl	es (32nds)
Percent Low G	Gravity So	lids		5.1%		5.6%	6.818x5.2	25 17,	427'	514	.8	turb 10	).67	0.61	94	psi	16	16 16
ppb Low Gravi	ity Solids			42 ppb		46 ppb	1							Bit Impact	Noz		16	16 16
Percent Barite				2.1%		1.6%	1							Force	Velo (ft/s	•		
ppb Barite				30 ppb		23 ppb	BIT D	ATA	Ma	anuf./Ty	/pe	Hal./GTI	D64c	199 lbs	10	18		
Estimated Total	al LCM in	System	ı ppb				Size	Depth In	Н	ours	Foot	age ROI	P ft/hr	Motor/M	WD	Calc.	Circ.	Pressure
Sample Taken	Ву			A. Roman	0	M Washburn	6 3/4	10,954 ft	8	8.0	7,39	97 ft 8	4.1	2,240	osi		4,685	psi
	,			L	<u> </u>				<u> </u>									

Remarks/Recommendations:

OBM Received:-----3,310 bbls-----Daily Received--( 0 bbls)

OBM On Surface ----2,701 bbls (Storage + Active Pits)

OBM Daily Gan/Loss--- (+40); Total Gain/Loss---( $\_$ +98 $\_$ )

14.5# Kill OBM (408bbl)----9# OBM (1143bbls)---- \$65.00/bbl

Discounted OBM (260bbls--11#) -----\$15.00/bbl

Rig Activity:

Drilling-Sliding ahead on lateral section; Continue pumping 10bbls (LCM Sweep) every connection. Well steady and not taking any mud after Mud Weight maintain at 8.9ppg in the active system with additions of Diesel and water, Run Centrifuge for processing mud recover from cuttings, use same for 6hrs from active system at alternated intervals for LGS control. Chemical additions of Bentone 38 and 990 for Rheology maintenance; Lime to maintain alkalinity; NewPhalt and Opti G to maintain Fluid loss. At this time we continue drilling/Sliding passing 16275'. No seepeage or losses at this time.

Eı	ng. 1:	Mi	ke W	ashb	urn	Er	ng. 2:	Adolfo	Roman	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
PI	none:	3	61-94	5-57	77	Pł	none:	956-8	21-9994	Phone:	432-686-7361	Phone:	-			
W 1	P 1	Y 1	E 1	C 1	g 1	G 1	H 1	O 1	carefully	and may be	ecommendation, ex used if the user so ation, and this is a	elects, however	, no representation	nas been prepared on is made as to the	\$8,074.62	\$75,155.30
												INCLUDI	NG 3RD PAR	TY CHARGES	\$14,898.76	\$115,729.96

Date <b>06/29/20</b>	Operator <b>MAGI</b>	NOLIA OIL	& GAS	Well Name a GRANI	ind No. D CANYON		Rig Name and			rt #15
	DAILY	USAGE 8	k COST					CI	JMU	LATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		ım age	Cum Cost
ALUMINUM TRISTEARATE										
SAPP (50)	50# sk	\$44.56								\$1,782.40
PHPA LIQUID (pail)	5 gal	\$41.36	88		88				-1	-\$41.36
DYNADET	5 gal	\$32.23	075		075				-4	-\$128.92
EVO-LUBE NEW GEL (PREMIUM)	gal 100# sk	\$14.00 \$19.75	975 70		975 70					
INEW OLL (I REIMIOM)	100# 3K	ψ19.73	70		70					
CACL2 (50)	50# sk	\$14.32	184		168	16	\$229.12			\$2,004.80
LIME (50)	50# sk	\$5.00	200		130	70	\$350.00			\$1,900.00
BENTONE 910 (50)	50# sk	\$59.40	04		0.5	0	<b>#</b> 504.54		7	\$415.80
BENTONE 990 (50) OPTI - G	50# sk 50# sk	\$83.59 \$30.59	31 80		25 40	6 40	\$501.54 \$1,223.60		28 185	
OPTI - MUL	gal	\$10.75	375		275	100	\$1,075.00		825	
OPTI - WET	gal	\$8.34	440		440	100	ψ1,070.00		330	
NEW PHALT	50# sk	\$38.72	55			55	\$2,129.60		195	· ,
NEW CARB (M)	50# sk	\$5.25	140		140		. ,		95	\$498.75
MAGMAFIBER F (25)	25# sk	\$28.05							36	\$1,009.80
CYBERSEAL	25# sk	\$21.47	180		180				60	\$1,288.20
OIL SORB (25)	25# sk	\$4.75	28		28				20	\$95.00
BENTONE 38 (50)	50# sk	\$163.94	30		26	4	\$655.76		24	\$3,934.56
VARISEAL C			50		50					
NEW WATE (SACK BARITE)	100# sk	\$11.50	160		160					
BARITE BULK (100)	100# sk	\$7.00	1363		1363				410	\$2,870.00
DYNA FIBER MED.	25# sk	\$53.67	120		120					
FIBER PLUG	30# sk	\$30.37	15		15					
MAGMAFIBER R (30)	30# sk	\$28.05	78		78					
ODTI DDIII. (ODIII)		<b>*</b>	** :						_	<b>*</b> /
OPTI DRILL (OBM)	bbl	\$65.00	3043		3043			<u> </u>	7	\$455.00
DISCOLINITED OPM	I-1-1	Ø4F 00	000		200			<u> </u>		
DISCOUNTED OBM	bbl	\$15.00	260		260			<u> </u>		
<b> </b>										
								-		
ENGINEERING (24 HR)	each	\$925.00				2	\$1,850.00		26	\$24,050.00
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00		26	\$780.00
ENGINEERING (MILES)	each	\$1.00								
TRUCKING (cwt)	each	\$2.65								\$4,616.25
TRUCKING (min)	each	\$795.00							2	\$1,590.00
PALLETS (ea)	each	\$12.00							36	\$432.00
SHRINK WRAP (ea)	each	\$12.00							36	\$432.00
		Daily 9	ub-Total \$8	3.074.62	Cumulati	ive Total \$7	5.155.30		\$75 1	55.30
					- Linaidi				÷. 5, i	
					•			<u> </u>		

Date	Operator			Well Name a	ınd No.		Rig Name an	d No.	Report No.	
06/29/20	MAG	NOLIA OIL	& GAS	GRANI	D CANYON	I A - 1H	24	48	Repoi	rt #15
	DAILY	USAGE 8	& COST						CUMUL	_ATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel Transfer from 3H	gal	\$0.91							7401	\$6,734.91
Diesel Delivery 5/1/20	gal	\$0.87							5423	\$4,718.01
Diesel Delivery 5/3/20	gal	\$0.96								
Diesel Transfer from 3H	gal	\$1.30							8304	\$10,795.20
Diesel Delivery 6/24/20	gal	\$1.35	231			231	\$311.85		7205	\$9,726.75
Diesel Delivery 6/27/20	gal	\$1.29	7401		3000	4401	\$5,677.29		4401	\$5,677.29
Turks Char / First Danners	25# ale	¢44.75	90		60	20	\$00F.00		70	¢2 022 50
Turbo Chem / First Response	25# sk	\$41.75	80		60	20	\$835.00			\$2,922.50
					Daily S	ub-Total \$6	6,824.14		\$40,5	74.66
								i I		
		ulasis - T 1	LAFO O O O	Dawler Add	720.00					
	Cumi	ulative Total	ALS & 3rd	Party \$115	,729.96					

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: GRA

GRAND CANYON A - 1H

					WEEK 1				I			WEEK 2							WEEK 3			
	Date	6/22/20	6/23/20	6/24/20	6/25/20	6/26/20	6/27/20	6/28/20	6/29/20	6/30/20	7/1/20	7/2/20	7/3/20	7/4/20	7/5/20	7/6/20	7/7/20	7/8/20	7/9/20	7/10/20	7/11/20	7/12/20
		Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun
	Bit Size	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4													
Grand	Starting Depth	10,335	10,335	10,335	10,862	10,954	11,900	14,160	16,220	17,427												
Totals	Ending Depth	10,335	10,335	10,862	10,954	11,900	14,160	16,220	17,427	,												
	Footage Drilled	-	· ·	527	92	946		2,060	1,207	_		_	_	_	_		_	_	_	_	_	_
		-	-	23	4	42	<b>2,260</b>	91	53	-	-	-	-	-	-	-		-	-	-	-	-
314	New Hole Vol.																-					
	Starting System Volume	470	3,310	3,284	3,310	3,303	3,307	3,357	3,368	3,408	3,408	3,408	3,408	3,408	3,408	3,408	3,408	3,408	3,408	3,408	3,408	3,408
	Chemical Additions	-	-	7	0	5	17	13	17													
488		-	-	92	55	32	89	108	113													
7	Barite Increase	-	-	7	-	-	-	-	-													
2,840	Weighted Mud Added	2,840	-	-	-	-	-	-	-													
-	Slurry Added	-	-	-	-	-	-	-	-													
291	Water Added	-	-	60	-	11	60	80	80													
-	Added for Washout	-	-	-	-	-	-	-	-													
3,684	Total Additions	2,840	-	166	55	47	166	201	210	-	-	-	-	-	-	-	-	-	-	-	-	-
105		_		30	15	-	-	30	30													
52		_	_	-	-	-	-	52	-													
326		_	_	30	4	43	102	93	55													
	Unrecoverable Volume	_	_	60	15	-	-	-	70													
92	Centrifuge Losses	<del>-</del>	_	20	28		14	15	15													
- JE	Commage Lococo			20	20		17	10	10			l										
720	Total Losses	-	-	140	62	43	116	190	170	-	-	-	-	-	-	-	-	-	-	-	-	-
26	Mud Transferred Out	-	26	-	-	-																
3,408	Ending System Volume	3,310	3,284	3,310	3,303	3,307	3,357	3,368	3,408	3,408	3,408	3,408	3,408	3,408	3,408	3,408	3,408	3,408	3,408	3,408	3,408	3,408
-	Mud Recovered	-																				
							ı								ı							
				C	omment	s:					C	omment	s:					C	omment	s <i>:</i>		
	_	6/22/20	Transfer sa Skid Rig /				Goodrich L	J2-3H.	6/29/20			ral. Consta No Losses				7/6/20						
3,284		6/23/20	Test BOP's		ınd Make u	p new BHA	A, TIH 26bb	ols lost to	6/30/20							7/7/20						
		6/24/20	Drilled on rates. PO	curve section			otor not givi	ng build	7/1/20							7/8/20						
		6/25/20	TIH and dr slug and P				nonitor well	. Pump	7/2/20							7/9/20						
		6/26/20	TIH resum	e drilling, M	1W 8.9ppg	(+4bbls O	BM)		7/3/20							7/10/20						
		6/27/20	Drilling ahe	ead, gain 5 ed at this ti		l gain 47bb	ols on the w	vell . No	7/4/20							7/11/20						
		6/28/20	Drilling ahe 52bbls to f pass that p						7/5/20							7/12/20						

OUTSOURCE FLUID SOLUTIONS LLC.

110 Old Market St. St Martinville, LA 70582

TEL: (337) 394-1078

91.6° 10,275' TVD

Operator MAGN	IOLIA C	OIL & G	AS	Contractor PA	TTERS	ON	County / Parisl	h / Block HINGTOI	N	-	Start Date 4/29/20	)	4 hr ftg.				17,88	6 ft	
Well Name and No.	CANY	ON A -	1H	Rig Name a	nd No. <b>248</b>		State <b>T</b>	EXAS		Spud Dat	<sup>te</sup> 14/28/20		urrent F	ROP		Activity WIP	ER TR	IP @	) TD
Report for JAMES D	VED / B	ROBBY	GWIN	Report for	ool Push	ner .	Field / OSC-G	# DDINGS		Fluid Typ	OBM	Ci		ng Rate <b>97 gpm</b>			ting Press 3,500		
JAIVILS D		PROPERT				ICI		DLUME (BE	RI V		PUMP #1			PUMP #2	ı		FR BO	•	
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits			Liner S			iner S		25	Liner			
8.8-10.2	8-20	5-12	>300	±260K		<10	In Hole			Strok		12	Strok		2	Stro			
	MU	JD PROP					Active			bbl/s		763	bbl/s			bbl			
Time Sample	Taken			2:00		11:30	Storag	e 181 <sup>2</sup>	1 bbl	stk/m	nin 6	62	stk/m	nin 6	2	stk/	min		
Sample Locati				suction		suction		cation 343		gal/m		99	gal/m		99	gal/			
Flowline Temp		<del>-</del>		160 °F			Mud Wt. =			YP=		RCULA				_	.632 ł	<b>(</b> = 1	97.8
Depth (ft)				17,292'		16,571'		Depth = 17,0	043 '			nout = 1			Pump		ency =		
Mud Weight (p	(pac			8.9		8.9		Volume		240.6		rokes To		3,153			Γο Bit		
Funnel Vis (se	,		@ 134 °F			43	Drill String Disp.	Bottoms U				omsUp S		5,777			Time		
600 rpm				31		30	95.9 bbl	TotalCir				otalCirc.S		20.724			Time		
300 rpm				20		20		DRILLING						-,			NTROL		
200 rpm				15		16	Tubulars	OD (in.)	ID (	(in.)	Length	Top	,	Unit		Scre		Hou	
100 rpm				11		10	Drill Pipe	4.500		` ,	14,256'			Shaker	1	17	70		
6 rpm				6		7	Agitator			500	32'	14,25	56'	Shaker		17			
3 rpm				5		6	Drill Pipe			326	2,609'	14,28		Shaker		17			
Plastic Viscosi	ty (cn)		@ 150 °F	11		10	Dir. BHA	5.250		000	146'	16,89		Centrifug			-		
Yield Point (lb/			T0 = 4	9		10		CASIN							,				
Gel Strength (I			ec / 10 min	6/11		6/10	Casing			(in.)	Depth	Top	)						
Gel Strength (I			30 min	14		12	Riser	- ( )	,	,				VOLUM	IE AC	COU	NTING	(bbl	s)
HTHP Filtrate			@ 250 °F			6.0		10 3/4			3,000'			Prev. T				•	107.7
HTHP Cake Th		,		2.0		2.0	Int. Csg.	7 5/8	6.8	375	10,245'			Transfe					
Retort Solids 0				9%		9%	Washout 1				, -					Adde	, ,		
Corrected Soli	ds (vol%)			7.2%		7.3%	Washout 2								Barite		` ,		
Retort Oil Con				71%		71%		Hole Size	6.8	318	17,886'			Other Pr			` ,		
Retort Water C				20%		20%		NULAR GE				OGY			Vater		` ,		
O/W Ratio				78:22		78:22						505			ft on C		` ,		
Whole Mud Ch	nlorides (n	ng/L)		44,000		43,000	annula sectio	i de	pth	veloc ft/mi	-	ECE lb/ga		Non-Rec		•	, ,		
Water Phase S	•	-		256,494		252,134						<u> </u>			Cent	/Evap	/Trip		
Whole Mud All				2.0		2.2	6.875x4	l.5 10,2	245'	360.	.6 turb	9.79	9	Est. T	otal o	n Loc	ation	34	107.7
Excess Lime (				2.6 ppb		2.9 ppb	6.818x4	1.5 14,2	256'	371.	.3 turb	10.1	2	Est. Loss			_		22.8
Electrical Stab		)		540 v		567 v	6.818x5			514.			3				CS DA	TA	
Average Speci		,	 3	2.86		2.79	6.818x4	•		371.			6 1	Bit H.S.I.	Bit	ΔΡ	Nozzle	s (32	2nds)
Percent Low G				5.1%		5.5%	6.818x5	.25 17,0	043'	514.	.8 turb	10.4	0	0.61	94	psi	16	16	16
ppb Low Gravi				42 ppb		45 ppb		,							Noz	•	16	16	16
Percent Barite				2.1%		1.8%	-							Bit Impact Force	Velo	•	+		
ppb Barite				30 ppb		26 ppb	BIT D	DATA	Mai	nuf./Typ	pe Hal	I./GTD6	4c	199 lbs	,	08			
Estimated Total	al LCM in	System					Size	Depth In	Но	urs	Footage	ROP f	t/hr	Motor/M\	WD	Calc	. Circ.	Pres	sure
Sample Taken		-		A. Roman		M Washburn	6 3/4	10,954 ft	92	2.0	7,397 ft	80.4	4	2,240 p	osi		4,638	psi	
Afternoon Rema		nmendatio	ns:	<u> </u>	I	<u> </u>	Afternoon R	Rig Activity:				<u> </u>		•					
LCM swee	ep contair	ns:						•											
15 ppb Fi	rst Respo	nse						6-3/4" late											
10 ppb Ne	ewcarb M	ed						ples are 10 tm will pun											
10 ppb Cy	yberseal						then	pump and on. No mu	spot	200 b	bls LCM	pill in o	pen	hole and	pull c	out of	latera		
	RISEAL						36011	OII. INO IIIU	ia 105	oco WE	ore uelel	JiGU WII	iie ui	iiii iy ai iu	UITUU	nauri	1.		

8,080' TVD

### **OUTSOURCE FLUID SOLUTIONS LLC.**

TEL: (337) 394-1078

6.2°

Operator MAGI	NOLIA (	OIL & (	GAS	Contractor PA	TTERS	ON	County / Parish /	Block IINGTOI		Engineer	Start Da		24 hr f	tg. 459 ft		Drilled		86 ft
Well Name and No.	D CAN	YON A	1H	Rig Name ar	nd No.		State <b>T</b>	EXAS		Spud Dat	te )4/28	3/20	Currer	92 ft/hr		Activity	РО	ОН
Report for				Report for			Field / OCS-G #			Fluid Typ	е		Circula	ating Rate		Circula	ting Pre	ssure
JAMES [	YER /	BOBB	Y GWIN	To	ol Pusi	her	GID	DINGS			ОВ	М		0 gpm			p	si
	MUD	PROPE	RTY SPECIF	ICATION	s		MUD VO	LUME (BB	BL)		PUMF	P #1		PUMP #2	2	RIS	ER B	OOSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	968	3 bbl	Liner	Size	5.25	Line	r Size 5	.25	Liner	Size	
8.8-10.2	8-20	5-12	>300	±260K	<10 <25	<10	In Hole	768	3 bbl	Stro	ke	12	Str	oke	12	Stro	ke	
				6/30/20		6/29/20	Active	129	7 bbl	bbl/s	stk	0.0763	bb	l/stk 0.0	0763	bbl	/stk	0.0000
Time Sample	Taken			2:00		11:30	Storage	<u>168</u>	8 bbl	stk/r	nin	0	stk	/min	0	stk/	min	
Sample Locati	on			suction		suction	Tot. on Lo	cation 342	4 bbl	gal/r	min	0	gal	/min	0	gal/	min	0
Flowline Temp	erature °F	F		150 °F				PHHP = 0			CIF	CULATI	ON DA	ΛTA		n = 0	.562	K = 322.096
Depth (ft)				17,886'		16,571'	Bit I	Depth = 8,2	200 '		٧	Vashout	= 1%		Pump	Effici	ency :	= 95%
Mud Weight (p	ppg)			8.9		8.9	Drill String	Volume	to Bit	114.8	B bbl	Stroke	s To Bit			Time <sup>-</sup>	To Bit	
Funnel Vis (se	c/qt)		@ 120 °F	44		43	Disp.	Bottoms U	p Vol.	213.9	bbl	Bottomsl	Jp Stks		Botto	msUp	Time	
600 rpm				31		30	47.7 bbl	TotalCir	rc.Vol.	1296.8	8 bbl	TotalC	irc.Stks		Tota	al Circ.	Time	
300 rpm				21		20		DRILLING	G ASS	SEMBL	Y DA	ГА		,	SOLID	s co	NTRO	L
200 rpm				15		16	Tubulars	OD (in.)	ID	(in.)	Len	gth	Тор	Unit	t	Scre	ens	Hours
100 rpm				11		10	Drill Pipe	4.500	3.	826	5,4	13'	0'	Shake	r 1	17	70	24.0
6 rpm				6		7	Agitator	5.250	2.	500	32	2' 5	,413'	Shake	r 2	17	70	24.0
3 rpm				5		6	Drill Pipe	4.500	3.	826	2,6	09' 5	,446'	Shake	r 3	17	70	24.0
Plastic Viscos	ity (cp)		@ 150 °F	10		10	Dir. BHA	5.250	2.	000	14	6' 8	,054'	Centrifu	ge 1			4.0
Yield Point (lb.	/100 ft²)		T0 = 4	11		10		CASIN	IG & H	HOLE [	DATA							
Gel Strength (	lb/100 ft²)	10	) sec/10 min	6/10		6/10	Casing	OD (in.)	ID	(in.)	Dep	oth	Тор					
Gel Strength (	lb/100 ft <sup>2</sup> )		30 min	13		12	Riser							VOLUI	ME AC	cou	NTING	G (bbls)
HTHP Filtrate	(cm/30 m	in)	@ 250 °F	6.0		6.0	Surface	10 3/4			3,0	00'	0'	Prev.	Total o	n Loc	ation	3407.7
HTHP Cake T	hickness	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	875	10,2	45'	0'	Transf	erred I	n(+)/C	Out(-)	
Retort Solids (	Content			10%		9%	Washout 1								Oil	Adde	d (+)	53.3
Corrected Soli	ds (vol%)			8.3%		7.3%	Washout 2								Barite	Adde	d (+)	0.0
Retort Oil Con	tent			71%		71%	Oper	Hole Size	6.	818	17,8	86'		Other P	roduct	Usag	e (+)	3.1
Retort Water (	Content			19%		20%	ANI	NULAR GE	OME	TRY &	RHEC	LOGY			Water	Adde	d (+)	30.0
O/W Ratio				79:21		78:22	annulai	· me	eas.	velo	city	flow I	ECD	L	eft on (	Cutting	gs (-)	-20.7
Whole Mud Cl	nlorides (n	ng/L)		43,000		43,000	section	de	pth	ft/m	nin	reg II	o/gal	Non-Re	covera	ble V	ol. (-)	-30.0
Water Phase	Salinity (p	pm)		261,928		252,134									Cent	t/Evap	/Trip	-19.6
Whole Mud Al	kalinity, P	om		2.0		2.2	6.875x4	5 5,4	413'	0.0	0	lam 8	3.94	Est.	Total o	n Loc	ation	3423.7
Excess Lime (	lb/bbl)			2.6 ppb		2.9 ppb	6.875x5.	25 5,4	146'	0.0	0	lam 8	3.94	Est. Los	sses/G	ains (	-)/(+)	0.0
Electrical Stab	ility (volts	)		555 v		567 v	6.875x4	5 8,0	054'	0.0	0	lam 8	3.94	ВІТ	HYDF	RAULI	CS D	ATA
Average Spec	ific Gravit	y of Solid	ls	2.64		2.79	6.875x5.	25 8,2	200'	0.0	0	lam 8	3.94	Bit H.S.I.	Bit	ΔΡ	Nozz	les (32nds)
Percent Low 0	Gravity So	lids		6.9%		5.5%								0.00	ļ_ r	osi	16	16 16
ppb Low Grav	ity Solids			57 ppb		45 ppb								Bit Impac	1	zzle ocity	16	16 16
Percent Barite				1.4%		1.8%								Force	veid	sec)		
ppb Barite				20 ppb		26 ppb	BIT D	ATA	Ма	anuf./Ty	/ре	Hal./GT	D64c	0 lbs	(	0		
Estimated Tot	al LCM in	System	ppb				Size	Depth In	Н	ours	Foot	age RC	P ft/hr	Motor/N	IWD	Calc	. Circ	. Pressure
Sample Taker	Ву			A. Roman	0	M Washburn	6 3/4	10,954 ft	9	8.0	7,85	6 ft	30.2	2,240	psi			

Remarks/Recommendations:

OBM Received:-----3,310 bbls-----Daily Received--( 0 bbls)

OBM On Surface ----2,656 bbls (Storage + Active Pits)

OBM Daily Gan/Loss--- (+17); Total Gain/Loss---(+115)

14.5# Kill OBM (265bbl)----9# OBM (1143bbls)---- \$65.00/bbl

Discounted OBM (280bbls--11#) -----\$15.00/bbl

Rig Activity:

Circulated Clean up Cycle with 3 (30bbls) sweeps. Pump and ream out of the hole up to 15430'. At this point Circulated BU, followed by 200bbls of LCM pill (First Response;New Carb;Cyberseal; Bentone38) and spot same out of the bit. With Casing pressure between 350-450psi; strip out of the hole up to 10420' pumping calculated fill through kill line on back side. Circulate BU follwed by 85bbls of 14ppg Mud Cap, spot same out of the bit. Casing pressure 0, POOH conventional manner up to 8400' and perform Flow Ck. Pull rotating head and resume POOH to lay down Directional BHA and start Casing Run. At time of the report, bit passing 8200'.

En	ng. 1:	Mi	ke W	ashbı	urn	Er	ng. 2:	Adolfo	Roman	WH 1:	MIDLA	ND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Ph	none:	3	61-94	5-57	77	Ph	one:	956-8	21-9994	Phone:	432-686	-7361	Phone:	-			
W 1	P 1	Y 1	E 1	C 1	g 1	G 1	H 1	O 1	carefully	and may be	used if the	user so		no representati	has been prepared ion is made as to the	\$2,492.88	\$77,648.18
									•	•			INCLUDIN	NG 3RD PAR	TY CHARGES	\$5,798.69	\$121,528.65

	IVIAGI	NOLIA OIL	& GAS	Well Name a GRANI	CANYON		Rig Name an
	DAILY	USAGE 8	& COST				
	1		Previous		Closing	Daily	
Item	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost
ALUMINUM TRISTEARATE							
SAPP (50)	50# sk	\$44.56					
PHPA LIQUID (pail)	5 gal	\$41.36	88		88		
DYNADET	5 gal	\$32.23					
EVO-LUBE	gal	\$14.00			975		
NEW GEL (PREMIUM)	100# sk	\$19.75	70		70		
NEW GEE (I REMION)	100# 310	Ψ13.73	70		70		
0.4.01.0.(50)	50"	04400	400		400		
CACL2 (50)	50# sk	\$14.32			168		
LIME (50)	50# sk	\$5.00	130		100	30	\$150.00
BENTONE 910 (50)	50# sk	\$59.40					
BENTONE 990 (50)	50# sk	\$83.59	25		25		
OPTI - G	50# sk	\$30.59	40		40		
OPTI - MUL	gal	\$10.75	275		275		
OPTI - WET	gal	\$8.34	440		440		
NEW PHALT	50# sk	\$38.72					
		<u> </u>	140		120	20	\$10E 00
NEW CARB (M)	50# sk	\$5.25	140		120	20	\$105.00
MAGMAFIBER F (25)	25# sk	\$28.05					
CYBERSEAL	25# sk	\$21.47	180		180		
OIL SORB (25)	25# sk	\$4.75	28		28		
BENTONE 38 (50)	50# sk	\$163.94	26		24	2	\$327.88
VARISEAL C			50		50		
NEW MATE (OACH TITE		<b></b>			,		
NEW WATE (SACK BARITE)	100# sk	\$11.50			160		
BARITE BULK (100)	100# sk	\$7.00	1363		1363		
DYNA FIBER MED.	25# sk	\$53.67	120		120		
FIBER PLUG	30# sk	\$30.37	15		15		
MAGMAFIBER R (30)	30# sk	\$28.05	78		78		
WAGWAFIBER R (30)	30# SK	φ20.03	70		70		
			<u> </u>				
	+						
		<u> </u>	<u> </u>				
		ı					
				i			
OPTI DRILL (OBM)	bbl	\$65.00	3043		3043		
OPTI DRILL (OBM)	bbl	\$65.00	3043		3043		
	bbl				3043		
		\$65.00	3043				
OPTI DRILL (OBM) DISCOUNTED OBM							
DISCOUNTED OBM	bbl	\$15.00	260				
DISCOUNTED OBM  ENGINEERING (24 HR)			260			2	\$1,850.00
DISCOUNTED OBM  ENGINEERING (24 HR)	bbl	\$15.00	260			2 2 2	\$1,850.00
DISCOUNTED OBM  ENGINEERING (24 HR) ENGINEERING (DIEM)	bbl	\$15.00 \$15.00 \$925.00	260				
DISCOUNTED OBM  ENGINEERING (24 HR) ENGINEERING (DIEM)	each bbl	\$15.00 \$15.00 \$925.00 \$30.00	260				
ENGINEERING (24 HR) ENGINEERING (DIEM)	each bbl	\$15.00 \$15.00 \$925.00 \$30.00	260				
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES)	each bbl each	\$15.00 \$15.00 \$925.00 \$30.00 \$1.00	260				
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES)	each bbl	\$15.00 \$15.00 \$925.00 \$30.00 \$1.00	260				
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES)	each bbl each	\$15.00 \$15.00 \$925.00 \$30.00 \$1.00	260				
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES)	each bbl each	\$15.00 \$15.00 \$925.00 \$30.00 \$1.00	260				
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES) FRUCKING (cwt) FRUCKING (min)	each bbl each each	\$15.00 \$925.00 \$30.00 \$1.00 \$2.65 \$795.00	260				
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES)  FRUCKING (cwt) FRUCKING (min)	each bbl each each each each	\$15.00 \$15.00 \$925.00 \$30.00 \$1.00 \$2.65 \$795.00	260				
	each bbl each each	\$15.00 \$925.00 \$30.00 \$1.00 \$2.65 \$795.00	260				

Diesel Transfer from 3H gal \$0.91	Date	Operator			Well Name a	nd No.		Rig Name an	id No.	Report No.	
Description   Description	06/30/20	MAGN	NOLIA OIL	& GAS	GRANI	CANYON	I A - 1H	24	48	Repo	rt #16
Control   Con		DAILY	USAGE 8	COST						CUMUL	ATIVE
Decid Develop 61/202	Item	Unit	Unit Cost		Received	Closing Inventory	Daily Usage	Daily Cost			Cum Cost
Decision Delivery (5-922)	Diesel Transfer from 3H	gal	\$0.91							7401	\$6,734.91
Desert Delivery 602470	Diesel Delivery 5/1/20	gal	\$0.87							5423	\$4,718.01
Deset Delvery 6/24/20	Diesel Delivery 5/3/20	gal	\$0.96								
Deset Delivery 6/27/20   gul   \$1.26   3000   761   2236   \$2.808.37   6640   \$8.565.65	Diesel Transfer from 3H	gal	\$1.30							8304	\$10,795.20
Deced Delivery 6/28/20   gal   \$1.26   7396   7396	Diesel Delivery 6/24/20	gal	\$1.35							7205	\$9,726.75
Turbo Chem / Final Response 256 sk \$41.75 60 50 10 \$417.50 80 \$3.340.00 \$1.00	Diesel Delivery 6/27/20	gal	\$1.29	3000		761	2239	\$2,888.31		6640	\$8,565.60
Daily Sub-Total \$3,305.81	Diesel Delivery 6/29/20	gal	\$1.29		7399	7399					
Daily Sub-Total \$3,305.81											
Daily Sub-Total \$3,305.81											
<u> </u>	Turbo Chem / First Response	25# sk	\$41.75	60		50	10	\$417.50		80	\$3,340.00
<u> </u>											
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Cumulative Total AES & 3rd Party \$121,528.65		•				Daily S	ub-Total \$	3,305.81		\$43,8	80.47
		Cumu	ılative Total	AES & 3rd	Party \$121	,528.65					

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: GRA

GRAND CANYON A - 1H

					WEEK 1							WEEK 2							WEEK 3			
	Date	6/22/20	6/23/20	6/24/20	6/25/20	6/26/20	6/27/20	6/28/20	6/29/20	6/30/20	7/1/20	7/2/20	7/3/20	7/4/20	7/5/20	7/6/20	7/7/20	7/8/20	7/9/20	7/10/20	7/11/20	7/12/20
	Bato	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun
	Bit Size	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4												-
Grand	Starting Depth	10,335	10,335	10,335	10,862	10,954	11,900	14,160	16,220	17,427	17,886											
Totals	Ending Depth	10,335	10,335	10,862	10,954	11,900	14,160	16,220	17,427	17,886												
	Footage Drilled	-	-	527	92	946	2,260	2,060	1,207	459	_	_	_	_	_	_	_	_	_	_	_	_
	New Hole Vol.	<u> </u>	_	23	4	42	100	91	53	20	-			_	_	_	_	_	_		_	_
	Starting System Volume	470	3,310	3,284	3,310	3,303	3,307	3,357	3,368	3,408	3,424	3,424	3,424	3,424	3,424	3,424	3,424	3,424	3,424	3,424	3,424	3,424
61	Chemical Additions	470	3,310	7	0,310	5	17	13	17	3,400	3,727	3,727	3,727	3,727	3,727	3,727	3,727	3,727	3,727	3,727	3,727	3,424
	Base Fluid Added	-	-	92	55	32	89	108	113	53												
	Barite Increase		<u> </u>	7	-	-	-	-	-	-												
	Weighted Mud Added	2,840	-	-	_	-	_	_	_	-												
-	Slurry Added	-	_	_	_	-	_	_	_	_												
321		-	_	60	_	11	60	80	80	30												
•	Added for Washout	-	-	-	-	-	-	-	-	-												
3,770		2,840	-	166	55	47	166	201	210	86	-	-	_	-	_	_	_	-	-	-	_	-
	Surface Losses	_,0.0		30	15	-	-	30	30	30												
	Formation Loss	-	_	-	-	-	-	52	-	-												
	Mud Loss to Cuttings	-	_	30	4	43	102	93	55	21												
	Unrecoverable Volume	<del>-</del>	_	60	15	-	-	-	70													
111		-	_	20	28	-	14	15	15	20												
			1											l I	l		1	1				
790	Total Losses	-	-	140	62	43	116	190	170	70	-	-	-	-	-	-	-	-	-	-	-	-
26	Mud Transferred Out	-	26	-	-	-																
3,424	Ending System Volume	0.040						0.000	0.400	0.404											2.424	0.404
0, <del>4</del> 24	Ending System volume	3,310	3,284	3,310	3,303	3,307	3,357	3,368	3,408	3,424	3,424	3,424	3,424	3,424	3,424	3,424	3,424	3,424	3,424	3,424	3,424	3,424
-	Mud Recovered	3,310	3,284	3,310	3,303	3,307	3,357	3,368	3,408	3,424	3,424	3,424	3,424	3,424	3,424	3,424	3,424	3,424	3,424	3,424	3,424	3,424
- ,			3,284	,	3,303	,	3,357	3,368	3,408	3,424	•	3,424 omments	,	3,424	3,424	3,424	3,424	,	3,424 omment	,	3,424	3,424
- ,			3,284	,	,	,	3,357	3,368			С	omment	s:			3,424	3,424	,	,	,	3,424	3,424
- ,		-	Transfer sa	C ack materia	comment	s:			6/20/20	Drilling ahe	C ead on late	omments	s:	of diesel a	and water.		3,424	,	,	,	3,424	3,424
- ,				C ack materia	comment	s:			6/20/20	Drilling ahe	C ead on late	omment	s:	of diesel a	and water.	7/6/20	3,424	,	,	,	3,424	3,424
-,		-	Transfer sa Skid Rig /	C ack materia Nipple Up,	comment al and OBM Test BOP's	s: I from Levi	Goodrich L	J2-3H.	6/29/20	Drilling ahe	Cead on late	ral. Consta	s: ant addition or Seepag	of diesel a	and water.		3,424	,	,	,	3,424	3,424
-	Mud Recovered	6/22/20	Transfer sa Skid Rig /	Cack materia Nipple Up, s, Pick up a	comment al and OBM Test BOP's	s: I from Levi	Goodrich L	J2-3H.	6/29/20	Drilling ahe Volume bu	cead on late ild 40bbls.	ral. Consta No Losses	s: ant addition or Seepag	of diesel a	and water. ne.	7/6/20	3,424	,	,	,	3,424	3,424
-,	Mud Recovered	-	Transfer sa Skid Rig /	Cack materia Nipple Up, s, Pick up a	comment al and OBM Test BOP's	s: I from Levi	Goodrich L	J2-3H.	6/29/20	Drilling ahe Volume bu TD 17886'. spot 200bb	cead on late ild 40bbls. Circulate bls LCM @	ral. Consta	s: ant addition or Seepag ycle and sh	of diesel a ge at this tin nort trip. PC shoe, circul	and water. ne.		3,424	,	,	,	3,424	3,424
-	Mud Recovered	6/22/20	Transfer sa Skid Rig /	Cack materia Nipple Up, s, Pick up a	comment al and OBM Test BOP's	s: I from Levi	Goodrich L	J2-3H.	6/29/20	Drilling ahe Volume bu TD 17886'. spot 200bb	cead on late ild 40bbls. Circulate bls LCM @	omments ral. Consta No Losses Clean up cy 15430'. PC	s: ant addition or Seepag ycle and sh	of diesel a ge at this tin nort trip. PC shoe, circul	and water. ne.	7/6/20	3,424	,	,	,	3,424	3,424
-	Mud Recovered	6/22/20	Transfer sa Skid Rig / Test BOP's gas separa	ack materia Nipple Up, s, Pick up a ator.	Fomment al and OBM Test BOP's and Make u	s: I from Levi s p new BHA	Goodrich L	J2-3H.	6/29/20	Drilling ahe Volume bu TD 17886'. spot 200bb	cead on late ild 40bbls. Circulate bls LCM @	omments ral. Consta No Losses Clean up cy 15430'. PC	s: ant addition or Seepag ycle and sh	of diesel a ge at this tin nort trip. PC shoe, circul	and water. ne.	7/6/20	3,424	,	,	,	3,424	3,424
-	Mud Recovered	6/22/20	Transfer sa Skid Rig / Test BOP's gas separa	ack materia Nipple Up, s, Pick up a ator.	Fomment al and OBM Test BOP's and Make u	s: I from Levi s p new BHA	Goodrich L	J2-3H.	6/29/20	Drilling ahe Volume bu TD 17886'. spot 200bb	cead on late ild 40bbls. Circulate bls LCM @	omments ral. Consta No Losses Clean up cy 15430'. PC	s: ant addition or Seepag ycle and sh	of diesel a ge at this tin nort trip. PC shoe, circul	and water. ne.	7/6/20	3,424	,	,	,	3,424	3,424
-	Mud Recovered	6/22/20	Transfer sa Skid Rig / Test BOP's gas separa Drilled on rates. POr	C ack material control of the contro	Comment al and OBM Test BOP: and Make u on to 1086; age mud mo	S: I from Levi S p new BHA 2'. Mud Motor.	Goodrich L A, TIH 26bb	J2-3H.  Ils lost to	6/29/20	Drilling ahe Volume bu TD 17886'. spot 200bb	cead on late ild 40bbls. Circulate bls LCM @	omments ral. Consta No Losses Clean up cy 15430'. PC	s: ant addition or Seepag ycle and sh	of diesel a ge at this tin nort trip. PC shoe, circul	and water. ne.	7/6/20	3,424	,	,	,	3,424	3,424
-	Mud Recovered	6/22/20	Transfer sa Skid Rig / Test BOP's gas separa Drilled on rates. POr	C C ack materia Nipple Up, s, Pick up a ator. Curve section OH to char	Comment al and OBM Test BOP's and Make u on to 10862 nge mud mo	s: I from Levi s p new BHA 2'. Mud Mc ottor.	Goodrich L A, TIH 26bb	J2-3H.  Ils lost to	6/29/20 6/30/20 7/1/20	Drilling ahe Volume bu TD 17886'. spot 200bb	cead on late ild 40bbls. Circulate bls LCM @	omments ral. Consta No Losses Clean up cy 15430'. PC	s: ant addition or Seepag ycle and sh	of diesel a ge at this tin nort trip. PC shoe, circul	and water. ne.	7/6/20 7/7/20 7/8/20	3,424	,	,	,	3,424	3,424
-	Mud Recovered	6/22/20	Transfer sa Skid Rig / Test BOP's gas separa Drilled on rates. POr	C C ack materia Nipple Up, s, Pick up a ator. Curve section OH to char	Comment al and OBM Test BOP's and Make u on to 10862 nge mud mo	s: I from Levi s p new BHA 2'. Mud Mc ottor.	Goodrich L A, TIH 26bb	J2-3H.  Ils lost to	6/29/20	Drilling ahe Volume bu TD 17886'. spot 200bb	cead on late ild 40bbls. Circulate bls LCM @	omments ral. Consta No Losses Clean up cy 15430'. PC	s: ant addition or Seepag ycle and sh	of diesel a ge at this tin nort trip. PC shoe, circul	and water. ne.	7/6/20	3,424	,	,	,	3,424	3,424
-	Mud Recovered	6/22/20	Transfer sa Skid Rig / Test BOP's gas separa Drilled on rates. POr	C C ack materia Nipple Up, s, Pick up a ator. Curve section OH to char	Comment al and OBM Test BOP's and Make u on to 10862 nge mud mo	s: I from Levi s p new BHA 2'. Mud Mc ottor.	Goodrich L A, TIH 26bb	J2-3H.  Ils lost to	6/29/20 6/30/20 7/1/20	Drilling ahe Volume bu TD 17886'. spot 200bb	cead on late ild 40bbls. Circulate bls LCM @	omments ral. Consta No Losses Clean up cy 15430'. PC	s: ant addition or Seepag ycle and sh	of diesel a ge at this tin nort trip. PC shoe, circul	and water. ne.	7/6/20 7/7/20 7/8/20	3,424	,	,	,	3,424	3,424
-	Mud Recovered	6/22/20 6/23/20 6/24/20 6/25/20	Transfer s: Skid Rig / Test BOP's gas separa Drilled on rates. PO	ack material Nipple Up, s, Pick up a ator.  curve section OH to char color to char color to char color to char to char to char to char to char to char to char to char to char to char to char to char to char to char to ch	al and OBM Test BOP's and Make u on to 10862 age mud mo	s:  I from Levi S  p new BHA  2'. Mud Motor.  BU and mud Motor.	Goodrich L A, TIH 26bb otor not givi	J2-3H.  Ils lost to	6/29/20 6/30/20 7/1/20	Drilling ahe Volume bu TD 17886'. spot 200bb	cead on late ild 40bbls. Circulate bls LCM @	omments ral. Consta No Losses Clean up cy 15430'. PC	s: ant addition or Seepag ycle and sh	of diesel a ge at this tin nort trip. PC shoe, circul	and water. ne.	7/6/20 7/7/20 7/8/20 7/9/20	3,424	,	,	,	3,424	3,424
-	Mud Recovered	6/22/20 6/23/20 6/24/20 6/25/20	Transfer sa Skid Rig / Test BOP's gas separa Drilled on rates. POr	ack material Nipple Up, s, Pick up a ator.  curve section OH to char color to char color to char color to char to char to char to char to char to char to char to char to char to char to char to char to char to char to ch	al and OBM Test BOP's and Make u on to 10862 age mud mo	s:  I from Levi S  p new BHA  2'. Mud Motor.  BU and mud Motor.	Goodrich L A, TIH 26bb otor not givi	J2-3H.  Ils lost to	6/29/20 6/30/20 7/1/20	Drilling ahe Volume bu TD 17886'. spot 200bb	cead on late ild 40bbls. Circulate bls LCM @	omments ral. Consta No Losses Clean up cy 15430'. PC	s: ant addition or Seepag ycle and sh	of diesel a ge at this tin nort trip. PC shoe, circul	and water. ne.	7/6/20 7/7/20 7/8/20	3,424	,	,	,	3,424	3,424
-	Mud Recovered	6/22/20 6/23/20 6/24/20 6/25/20	Transfer sa Skid Rig / Test BOP's gas separa Drilled on rates. POI TIH and dr slug and P	C ack material Nipple Up, s, Pick up a ator.  curve section of to chartill to 10954 OOH to chartill to chartill to chartill to describe described by the chartill to the chart	al and OBM Test BOP: and Make u on to 1086; age mud mo	s: I from Levi s p new BHA 2'. Mud Mo totor. e BU and m ud Motor.	Goodrich L A, TIH 26bb otor not givi	J2-3H.  Ils lost to  Ing build  Pump	6/29/20 6/30/20 7/1/20	Drilling ahe Volume bu TD 17886'. spot 200bb	cead on late ild 40bbls. Circulate bls LCM @	omments ral. Consta No Losses Clean up cy 15430'. PC	s: ant addition or Seepag ycle and sh	of diesel a ge at this tin nort trip. PC shoe, circul	and water. ne.	7/6/20 7/7/20 7/8/20 7/9/20	3,424	,	,	,	3,424	3,424
-	Mud Recovered	6/22/20 6/23/20 6/24/20 6/25/20	Transfer s: Skid Rig / Test BOP's gas separa  Drilled on rates. POr  TIH and dr slug and P	Cack materia Nipple Up, s, Pick up a ator.  curve section OH to char of the ch	commental and OBM Test BOP's and Make u on to 10862 age mud mo 4'. Circulate ange out M MW 8.9ppg	s: I from Levi s p new BHA 2'. Mud Mo totor. e BU and m ud Motor.	Goodrich L A, TIH 26bb otor not givi	J2-3H.  Ils lost to  Ing build  Pump	6/29/20 6/30/20 7/1/20 7/2/20	Drilling ahe Volume bu TD 17886'. spot 200bb	cead on late ild 40bbls. Circulate bls LCM @	omments ral. Consta No Losses Clean up cy 15430'. PC	s: ant addition or Seepag ycle and sh	of diesel a ge at this tin nort trip. PC shoe, circul	and water. ne.	7/6/20 7/7/20 7/8/20 7/9/20	3,424	,	,	,	3,424	3,424
-	Mud Recovered	6/22/20 6/23/20 6/24/20 6/25/20	Transfer sa Skid Rig / Test BOP's gas separa Drilled on rates. POI TIH and dr slug and P	Cack materia Nipple Up, s, Pick up a ator.  curve section OH to char of the ch	commental and OBM Test BOP's and Make u on to 10862 age mud mo 4'. Circulate ange out M MW 8.9ppg	s: I from Levi s p new BHA 2'. Mud Mo totor. e BU and m ud Motor.	Goodrich L A, TIH 26bb otor not givi	J2-3H.  Ils lost to  Ing build  Pump	6/29/20 6/30/20 7/1/20	Drilling ahe Volume bu TD 17886'. spot 200bb	cead on late ild 40bbls. Circulate bls LCM @	omments ral. Consta No Losses Clean up cy 15430'. PC	s: ant addition or Seepag ycle and sh	of diesel a ge at this tin nort trip. PC shoe, circul	and water. ne.	7/6/20 7/7/20 7/8/20 7/9/20	3,424	,	,	,	3,424	3,424
-	Mud Recovered	6/22/20 6/23/20 6/24/20 6/25/20	Transfer s: Skid Rig / Test BOP's gas separa  Drilled on rates. POr  TIH and dr slug and P	ack materia Nipple Up, s, Pick up a ator.  curve section of the control of the co	commental and OBM Test BOP's and Make under the control of 10862 ange mud model. Circulate ange out Manage out	s: I from Levi s p new BHA 2'. Mud Mc ottor. e BU and m ud Motor (+4bbls O	Goodrich L A, TIH 26bb otor not givi	J2-3H.  Ils lost to  Ing build  Pump	6/29/20 6/30/20 7/1/20 7/2/20	Drilling ahe Volume bu TD 17886'. spot 200bb	cead on late ild 40bbls. Circulate bls LCM @	omments ral. Consta No Losses Clean up cy 15430'. PC	s: ant addition or Seepag ycle and sh	of diesel a ge at this tin nort trip. PC shoe, circul	and water. ne.	7/6/20 7/7/20 7/8/20 7/9/20	3,424	,	,	,	3,424	3,424
-	Mud Recovered	6/22/20 6/23/20 6/24/20 6/25/20	Transfer s: Skid Rig / Test BOP's gas separa  Drilled on rates. POr  TIH and dr slug and P	CC ack materia Nipple Up, s, Pick up a ator.  curve secti OH to char rill to 10954 OOH to ch e drilling, N ead, gain 5 ed at this ti ead, gain 1	and OBM Test BOP's and Make u on to 10862 age mud mo 4'. Circulate ange out M WW 8.9ppg 50bbls. Tota me. 1bbls. Tota	s: I from Levi s p new BHA 2'. Mud Mo ottor.  BBU and m ud Motor.  (+4bbls O	Goodrich L A, TIH 26bb otor not givi	J2-3H.  Ils lost to  Ing build  Pump  rell . No	6/29/20 6/30/20 7/1/20 7/2/20	Drilling ahe Volume bu TD 17886'. spot 200bb	cead on late ild 40bbls. Circulate bls LCM @	omments ral. Consta No Losses Clean up cy 15430'. PC	s: ant addition or Seepag ycle and sh	of diesel a ge at this tin nort trip. PC shoe, circul	ond water.  OH and ate and	7/6/20 7/7/20 7/8/20 7/9/20	3,424	,	,	,	3,424	3,424

OUTSOURCE FLUID SOLUTIONS LLC.

110 Old Market St. St Martinville, LA 70582

TEL: (337) 394-1078

**OUTSOURCE FLUID SOLUTIONS LLC.** 

0.5° 181' TVD

Operator	Contractor			County / Parish	n / Block		Engineer Sta	rt Date	24 hr f	tg.	С	Orilled [	Depth		
MAGNOLIA OIL & GAS	PA	TTERS	ON	WASI	HINGTO	N	04/	29/20				•	17,88	6 ft	
Well Name and No.	Rig Name ar			State	EVA0		Spud Date	00/00	Curren	nt ROP	A	Activity	D04		
GRAND CANYON A - 1H Report for	Report for	248		Field / OSC-G	EXAS		Fluid Type	28/20	Circula	ating Rate	C	Circulat	PO(		
JAMES DYER / BOBBY GWIN		ol Push	ner		DINGS			вм		3			3		
MUD PROPERTY SPECI	FICATION	IS		MUD VO	DLUME (BE	BL)	PUI	MP #1		PUMP #2		RIS	ER BO	OST	ER
Weight PV YP E.S.	CaCl2	GELS	HTHP	In Pits	850	bbl	Liner Size	5.25	Line	r Size 5.	25	Liner	Size		
8.8-10.2 8-20 5-12 >300	±260K	<10 <25	<10	In Hole	e 814	bbl	Stroke	12	Str	oke 1	2	Stro	ke		
MUD PROPERTIES				Active	857	bbl	bbl/stk	0.0763	B bb	l/stk 0.0	763	bbl/	stk		
Time Sample Taken	2:00		12:30	Storage	e <u>1688</u>	3 bbl	stk/min		stk	/min		stk/i	min		
Sample Location	suction		suction	Tot. on Loc	cation 3352	2 bbl	gal/min		gal	/min		gal/ı	min		
Flowline Temperature °F	150 °F			Mud Wt. =	= 8.9 PV=	=10	YP=11	CIRC	ULATIO	N DATA		n = 0	.562	<b>Κ</b> = 3	22.1
Depth (ft)	17,886'		17,886'	Bit	Depth = 18	81 '		Washout			Pump E	Efficie	ency =	95%	
Mud Weight (ppg)	8.9		8.9	D : 11 O: :	Volume	to Bit	2.6 bbl	Stroke	es To Bit		т	ime T	o Bit		
Funnel Vis (sec/gt) @ 110 °F	44		42	Drill String Disp.	Bottoms Up	o Vol.	4.8 bbl		Up Stks		Bottom	nsUp	Time		
600 rpm	31		29	1.0 bbl			857.3 bb		Circ.Stks		Total	·			
300 rpm	21		19		DRILLING					1	OLIDS				
200 rpm	15		15	Tubulars				ength	Тор	Unit		Scre		Hou	urs
100 rpm	11		10	Drill Pipe	4.500		,	81'	. 00	Shaker		17			
6 rpm	6		6	Agitator		0.0		·	181'	Shaker		17			
3 rpm	5		5	Drill Pipe					181'	Shaker		17			
Plastic Viscosity (cp) @ 150 °F	10		10	Dir. BHA					181'	Centrifug		1,	O		
Yield Point (lb/100 ft²) T0 = 4	11		9	DII. DI IA	CASIN	G & F	HOLE DA	ΤΔ	101	Centinag	JC 1				
Gel Strength (lb/100 ft²) 10 sec / 10 min	6/10		6/9	Cooing	OD (in.)			epth	Тор						
	13		11	Ĭ	OD (III.)	י טו	(III. <i>)</i>	ерш	тор	VOLUN	IE ACC	2011	ITING	/hhl	c)
				Riser	10 2/4		2	000'							
,	6.0		6.0		10 3/4		,	000'		Prev. T				34	23.7
HTHP Cake Thickness (32nds)	2.0		2.0	Int. Csg.	7 5/8	0.0	375 10	,245'		Transfe		` ,	. ,		
Retort Solids Content	10%		10%	Washout 1								Adde	` '		
Corrected Solids (vol%)	8.3%		8.3%	Washout 2	0:	0.0	140 47	0001			Barite /		. ,		
Retort Oil Content	71%		71%		Hole Size			,886'		Other Pr		Ū	. ,		
Retort Water Content	19%		19%	ANI	NULAR GE	OME	IRY & RE	HEOLOG	r		Water A		. ,		
O/W Ratio	79:21		79:21	annula section	l del	oth	velocity ft/min	flow reg	ECD lb/gal		ft on C				
Whole Mud Chlorides (mg/L)	43,000		43,000	3601101	'		10111111	icg	ib/gai	Non-Rec			. ,		
Water Phase Salinity (ppm)	261,928		261,928								Cent/	·	•		
Whole Mud Alkalinity, Pom	2.0		1.9	6.875x4	.5 18	81'		lam	8.94		otal on		-		23.7
Excess Lime (lb/bbl)	2.6 ppb		2.5 ppb							Est. Loss					71.3
Electrical Stability (volts)	555 v		567 v							ВІТ	HYDR	AULI	CS DA	ATA	
Average Specific Gravity of Solids	2.64		2.58							Bit H.S.I.	Bit /	ΔP	Nozzle	es (32	:nds)
Percent Low Gravity Solids	6.9%		7.2%										16	16	16
ppb Low Gravity Solids	57 ppb		59 ppb							Bit Impact	Nozz Veloc		16	16	16
Percent Barite	1.4%		1.1%							Force	(ft/se	ec)			
ppb Barite	20 ppb		16 ppb	BIT D	DATA	Mai	nuf./Type	Hal./G	TD64c						
Estimated Total LCM in System				Size	Depth In	Но	urs Fo	otage R	OP ft/hr	Motor/M	WD	Calc.	Circ.	Pres	sure
Sample Taken By	A. Roman		M Washburn	6 3/4	10,954 ft	98	3.0 7,8	356 ft	80.2	2,240 p	osi		2,244	psi	
Afternoon Remarks/Recommendations:				Afternoon R	ig Activity:										
LCM sweep contains:															
15 ppb First Response										e and BHA					
10 ppb Newcarb Med										e fill during old and pur					
10 ppb Cyberseal										or rig move				3	
5 ppb VARISEAL															

9,872' TVD

### **OUTSOURCE FLUID SOLUTIONS LLC.**

11.6°

**MAGNOLIA OIL & GAS PATTERSON** WASHINGTON 04/29/20 0 ft 17,886 ft Well Name and No me and No **GRAND CANYON A - 1H** 248 **TEXAS** 04/28/20 0 ft/hr **Run Casing** Field / OCS-G # luid Type irculating Rate irculating Pressure **JAMES DYER / BOBBY GWIN Tool Pusher GIDDINGS OBM** 320 apm 790 psi MUD PROPERTY SPECIFICATIONS PUMP #1 PUMP #2 RISER BOOSTER MUD VOLUME (BBL) Weight CaCl2 **GELS** HTHP In Pits 980 bbl Liner Size Liner Size 5.25 Liner Size 5.25 8.8-10.2 8-20 5-12 >300 ±260K <10 <25 <10 In Hole 748 bbl Stroke 12 Stroke 12 Stroke 7/1/20 6/30/20 1371 bbl 0.0763 bbl/stk 0.0763 bbl/stk 0.0000 100 0 Time Sample Taken 2:00 12:30 1688 bbl stk/min stk/min stk/min gal/min gal/min gal/min Sample Location suction suction Tot. on Location 3416 bbl 320 0 O n = 0.608 K = 242.063 Flowline Temperature °F PHHP = 148 **CIRCULATION DATA** Depth (ft) 8.467 17 886' Bit Depth = 10,000 ' Washout = 1% Pump Efficiency = 95% Mud Weight (ppg) 9.1 8.9 Volume to Bit 183 1 bbl Strokes To Bit 2 399 Time To Bit 24 min **Drill String** Disp. Funnel Vis (sec/qt) @ 85 °F 46 42 Bottoms Up Vol. 208.2 bbl BottomsUp Stks 2,728 BottomsUp Time 27 min 600 rpm 32 29 67.9 bbl TotalCirc Vol. 1371.2 bbl TotalCirc Stks 17.970 Total Circ Time 180 min 21 19 **DRILLING ASSEMBLY DATA SOLIDS CONTROL** 300 rpm 16 15 OD (in.) Screens 200 rpm **Tubulars** ID (in.) Length Top Unit Hours 12 10 0' Shaker 1 170 18.0 100 rpm 5.500 4.670 1,595' Casing 1,595' 6 5.000 4.276 8,405' Shaker 2 170 Casing 18.0 6 rpm 5 5 10,000 Shaker 3 170 18.0 3 rpm 10 10.000 Centrifuge 1 4.0 Plastic Viscosity (cp) Yield Point (lb/100 ft²) T0 = 10 9 **CASING & HOLE DATA** 7/11 6/9 ID (in.) Gel Strength (lb/100 ft²) 10 sec/10 min Casing OD (in.) Depth Top 30 min 14 11 **VOLUME ACCOUNTING (bbls)** Riser Gel Strength (lb/100 ft2) Surface @ 250 °F 6.0 6.0 10 3/4 3.000' 0' 3423.7 HTHP Filtrate (cm/30 min) Prev. Total on Location HTHP Cake Thickness (32nds) 2.0 2.0 Int. Csg. 7 5/8 6.875 10,245' 0' Transferred In(+)/Out(-) Retort Solids Content 10% 10% Washout 1 Oil Added (+) 18.1 Corrected Solids (vol%) 8.3% 8.3% Washout 2 Barite Added (+) 0.0 Retort Oil Content 72% 71% Open Hole Size 6.818 17.886 Other Product Usage (+) 0.0 **ANNULAR GEOMETRY & RHEOLOGY** Retort Water Content 18% 19% Water Added (+) O/W Ratio 80:20 79:21 Left on Cuttings (-) 0.0 annular meas velocity flow ECD section depth ft/min reg lb/gal 42.000 43.000 Whole Mud Chlorides (ma/L) Non-Recoverable Vol. (-) 267,875 261,928 Water Phase Salinity (ppm) Cent/Evap/Trip -26.3 Whole Mud Alkalinity, Pom 1.8 1.9 6.875x5.5 1,595' 461.7 11.59 3415.5 turb Est. Total on Location 2.3 ppb 2.5 ppb 6.875x5 10,000 352.8 turb 10.40 Est. Losses/Gains (-)/(+) 0.0 Excess Lime (lb/bbl) 580 v 567 v **BIT HYDRAULICS DATA** Electrical Stability (volts) 2.90 2.58 Average Specific Gravity of Solids Bit H.S.I. Βίτ ΔΡ Nozzles (32nds) 5.7% Percent Low Gravity Solids 7.2% ppb Low Gravity Solids Nozzle 47 ppb 59 ppb Bit Impact Velocity Force Percent Barite 2.6% 1.1% (ft/sec) ppb Barite 38 ppb 16 ppb **BIT DATA** Manuf./Type ROP ft/hr Estimated Total LCM in System Size Depth In Hours Footage Motor/MWD Calc. Circ. Pressure Sample Taken By A. Romar M Washburi 6 3/4 Remarks/Recommendations: Rig Activity: OBM Received:-----3,310 bbls-----Daily Received--( 0 bbls)

OBM On Surface ----2,632 bbls (Storage + Active Pits)

OBM Daily Gan/Loss--- (-8); Total Gain/Loss---(+107)

14.5# Kill OBM (265bbl)----9# OBM (1143bbls)---- \$65.00/bbl

Discounted OBM (280bbls--11#) ------\$15.00/bbl

Finish lay down BHA. Pick up and rig up Casing running tools. Start running casing @16:00hrs. Mornitor displacement on trip tanks and transfer same to active system. Run Casing to 9000' and circulate BU at this point. MW in the pits 9.1ppg (cold). Resume casing run down to 10,000'. and circulate BU. At this time we are 100stks into BU at 10000'. Will circulate again at 11,000' before continue down into lateral section.

ng. 1:		ashbı		9		o Roman 321-9994	WH 1: Phone:	MIDLAND 432-686-7361	WH 2: Phone:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
P 1	 				O 1	Any opir carefully	nion and or re	ecommendation, exp	oressed orally or elects, however	, no representation	nas been prepared on is made as to the	\$1,910.00	\$79,558.18
•				•		•	•	•	INCLUDI	NG 3RD PAR	TY CHARGES	\$2,891.69	\$124,420.34

Date <b>07/01/20</b>	Operator <b>MAGI</b>	NOLIA OIL		Well Name a GRANI	nd No. D CANYON	<u>A - 1</u> H	Rig Name an	d No. Rep 18	ort No. <b>Repo</b>	rt #17
	DAILY	USAGE 8	& COST	•			•	(	CUMU	LATIVE
Item	Unit	Unit Cost	Previous	Received	Closing	Daily	Daily Cost		Cum	Cum Cos
ALUMINUM TRISTEARATE			Inventory		Inventory	Usage	,	-	Isage	
SAPP (50)	50# sk	\$44.56							40	\$1,782.4
PHPA LIQUID (pail)	5 gal	\$41.36			88				-1	1
DYNADET	5 gal	\$32.23							-4	-\$128.9
EVO-LUBE	gal	\$14.00	975		975					
NEW GEL (PREMIUM)	100# sk	\$19.75	70		70					
CACL2 (50)	50# sk	\$14.32	168		168				140	
LIME (50)	50# sk	\$5.00	100		100					\$2,050.0
BENTONE 910 (50) BENTONE 990 (50)	50# sk 50# sk	\$59.40 \$83.59	25		25				7 28	·
OPTI - G	50# sk	\$30.59	40		40				185	
OPTI - MUL	gal	\$10.75	275		275				825	
OPTI - WET	gal	\$8.34	440		440				330	
NEW PHALT	50# sk	\$38.72	1.0						195	
NEW CARB (M)	50# sk	\$5.25	120		120				115	
MAGMAFIBER F (25)	25# sk	\$28.05								\$1,009.8
CYBERSEAL	25# sk	\$21.47	180		180				60	
OIL SORB (25)	25# sk	\$4.75			28				20	
BENTONE 38 (50)	50# sk	\$163.94	24		24				26	
VARISEAL C			50		50					
						_				
NEW WATE (SACK BARITE)	100# sk	\$11.50			160					ļ
BARITE BULK (100)	100# sk	\$7.00	1363		1363				410	\$2,870.0
								<u> </u>		<u> </u>
		4								
DYNA FIBER MED.	25# sk	\$53.67	120		120					
FIBER PLUG	30# sk	\$30.37	15		15					
MAGMAFIBER R (30)	30# sk	\$28.05	78		78					
							1			
								-		
										1
	+							<u> </u>		<u> </u>
	<u> </u>							<u> </u>		1
	<u> </u>							<u> </u>		1
	<u> </u>							<u> </u>		1
OPTI DRILL (OBM)	bbl	\$65.00	3043		3043				7	\$455.0
, ,										
DISCOUNTED OBM	bbl	\$15.00	260		260					
	1							<u> </u>		
	1									
	1									
	1									
	1									
								<u> </u>		<u> </u>
										<u> </u>
	<u> </u>							<u> </u>		1
	<u> </u>									1
ENGINEERING (24 HR)	each	\$925.00				2	\$1,850.00		30	\$27,750.0
ENGINEERING (DIEM)	bbl	\$30.00				2		<u> </u>	30	
ENGINEERING (MILES)	each	\$1.00			+		\$00.00	<u> </u>	30	<b>\$300.0</b>
	Cacii	Ψ1.00								<u> </u>
	+				1			<u> </u>		<b>+</b>
TRUCKING (cwt)	each	\$2.65			+			<u> </u>	1742	\$4,616.2
TRUCKING (cwt) TRUCKING (min)	each	\$795.00			1			<u> </u>	2	
THOORING (IIIII)	eacii	ψι 33.00						<u> </u>		ψ1,080.0
PALLETS (ea)	each	\$12.00						<del>-</del>	36	\$432.0
		\$12.00							36	
SHRINK WRAP (ea)										
SHRINK WRAP (ea)	each	ψ12.00					1	_ <del> </del>	30	<b>V</b> 1021

Date	Operator			Well Name a	ind No.		Rig Name an	id No.	Report No.	
07/01/20	MAGN	NOLIA OIL	& GAS	GRANI	D CANYON	I A - 1H	2	48	Repo	rt #17
	DAILY	USAGE 8	k COST						СПМП	ATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel Transfer from 3H	gal	\$0.91							7401	\$6,734.91
Diesel Delivery 5/1/20	gal	\$0.87							5423	
Diesel Delivery 5/3/20	gal	\$0.96								, ,
Diesel Transfer from 3H	gal	\$1.30							8304	\$10,795.20
Diesel Delivery 6/24/20	gal	\$1.35							7205	
Diesel Delivery 6/27/20	+	\$1.29				761	\$981.69		7401	
	gal	\$1.29			7399		ф901.09		7401	ф9,547.29
Diesel Delivery 6/29/20	gal	ψ1.29	7399		7399					
Turbo Chem / First Response	25# sk	\$41.75	50		50				80	\$3,340.00
The state of the s		******								40,010100
					Daily \$	Sub-Total \$	5981.69		\$44,8	62.16
	Cumu	lative Total	AES & 3rd	Party \$124	l,420.34					

Operator: Rig Name: Well Name: MAGNOLIA OIL & GAS

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GRAND CANYON A - 1H

					WEEK 1							WEEK 2							WEEK 3			
	Date	6/22/20	6/23/20	6/24/20	6/25/20	6/26/20	6/27/20	6/28/20	6/29/20	6/30/20	7/1/20	7/2/20	7/3/20	7/4/20	7/5/20	7/6/20	7/7/20	7/8/20	7/9/20	7/10/20	7/11/20	7/12/20
		Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun
	Bit Size	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4											
Grand	Starting Depth	10,335	10,335	10,335	10,862	10,954	11,900	14,160	16,220	17,427	17,886	17,886										
Totals	Ending Depth	10,335	10,335	10,862	10,954	11,900	14,160	16,220	17,427	17,886	17,886											
7,551	Footage Drilled	-	-	527	92	946	2,260	2,060	1,207	459	-	-	-	-	-	-	-	-	-	-	-	-
334	New Hole Vol.	-	-	23	4	42	100	91	53	20	-	-	-	-	-	-	-	-	-	-	-	-
	Starting System Volume	470	3,310	3,284	3,310	3,303	3,307	3,357	3,368	3,408	3,424	3,416	3,416	3,416	3,416	3,416	3,416	3,416	3,416	3,416	3,416	3,416
61	Chemical Additions	-	-	7	0	5	17	13	17	3	-											
559	Base Fluid Added	-	-	92	55	32	89	108	113	53	18											
7	Barite Increase	-	-	7	-	-	-	-	-	-	-											
2,840	Weighted Mud Added	2,840	-	-	-	-	-	-	-	-	-											
-	Slurry Added	-	-	-	-	-	-	-	-	-	-											
321	Water Added		-	60	-	11	60	80	80	30	-											
-	Added for Washout	-	-	-	-	-	-	-	-	-	-											
3,788	Total Additions	2,840	-	166	55	47	166	201	210	86	18	-	-	-	-	-	-	-	-	-	-	-
135	Surface Losses	-		30	15	-	-	30	30	30	-											
52	Formation Loss	-	-	-	-	-	-	52	-	-	-											
347	Mud Loss to Cuttings	-	-	30	4	43	102	93	55	21	-											
159	Unrecoverable Volume	-	-	60	15	-	-	-	70	-	14											
123	Centrifuge Losses	-	-	20	28	-	14	15	15	20	12											
816	Total Losses		_	140	62	43	116	190	170	70	26		_	_				_	_		_	_
		_		140	02	73	110	130	170	70	20	_								_		
26	Mud Transferred Out	_	26	_																		
20	maa Transieriea Gat		26	-	-	-																
	Ending System Volume	3,310	3,284	3,310	3,303	3,307	3,357	3,368	3,408	3,424	3,416	3,416	3,416	3,416	3,416	3,416	3,416	3,416	3,416	3,416	3,416	3,416
							3,357	3,368	3,408	3,424	3,416	3,416	3,416	3,416	3,416	3,416	3,416	3,416	3,416	3,416	3,416	3,416
	Ending System Volume			3,310	3,303	3,307	3,357	3,368	3,408	3,424	·	•	•	3,416	3,416	3,416	3,416			-	3,416	3,416
	Ending System Volume			3,310		3,307	3,357	3,368	3,408	3,424	·	3,416 omment	•	3,416	3,416	3,416	3,416		3,416 omments	-	3,416	3,416
	Ending System Volume	3,310	3,284 Transfer sa	3,310	3,303  omments	3,307 S:				Drilling ahe	Co	omment:	s:	of diesel a	nd water.		3,416			-	3,416	3,416
	Ending System Volume	3,310	3,284 Transfer sa	3,310 C	3,303  omments	3,307 S:			3,408		Co	omment:	s:	of diesel a	nd water.	3,416	3,416			-	3,416	3,416
	Ending System Volume	3,310	3,284 Transfer sa	3,310	3,303  omments	3,307 S:				Drilling ahe	Co ead on later ild 40bbls.	omment: ral. Consta No Losses	s: ant addition or Seepag	of diesel a e at this tim	nd water. ne.		3,416			-	3,416	3,416
3,416	Ending System Volume	3,310	3,284  Transfer sa Skid Rig /	3,310	3,303	3,307 s:	Goodrich U	J2-3H.	6/29/20	Drilling ahe Volume bu	cead on later	omment: ral. Consta No Losses	s: ant addition or Seepag	of diesel a e at this tim ort trip. PO	nd water. ne. OH and	7/6/20	3,416			-	3,416	3,416
	Ending System Volume	3,310 - 6/22/20	3,284  Transfer sa Skid Rig /	3,310  Cack materia Nipple Up, s, Pick up a	3,303	3,307 s:	Goodrich U	J2-3H.	6/29/20	Drilling ahe	cad on later ild 40bbls. Circulate (	omment: ral. Consta No Losses Clean up or	s: ant addition or Seepag ycle and sh	of diesel a e at this tim ort trip. PO shoe, circula	nd water. ne. OH and		3,416			-	3,416	3,416
3,416	Ending System Volume	3,310 - 6/22/20	Transfer sa Skid Rig / I Test BOP's gas separa	3,310  Ciack materia Nipple Up, s, Pick up a	3,303  omment: I and OBM Test BOP's	3,307 S: I from Levi	Goodrich L	J2-3H.	6/29/20	Drilling ahe Volume bu TD 17886' spot 200bb spot 85bbl	Circulate (colors 14#mud colors	omment: ral. Consta No Losses Clean up co	s: ant addition or Seepag ycle and sh DOH up to s to run casi	of diesel a e at this tim ort trip. PO shoe, circulang.	nd water. ne. OH and ate and	7/6/20	3,416			-	3,416	3,416
3,416	Ending System Volume	3,310 - 6/22/20 6/23/20	Transfer sa Skid Rig / I Test BOP's gas separa	3,310  Cack materia Nipple Up, s, Pick up a ator.  curve section	3,303  Domments  I and OBM Test BOP's  and Make u	3,307 s: I from Levi s p new BHA	Goodrich L	J2-3H.	6/29/20	Drilling ahe Volume bu TD 17886' spot 200bb spot 85bbl Lay down I	Circulate Cols LCM @ 14#mud cols HA, Start	omment: ral. Consta No Losses Clean up or 15430'. PO cap. POOH	s: ant addition or Seepag ycle and sh OOH up to s t to run casi casing run.	of diesel a e at this tim ort trip. PO shoe, circulating.	nd water. ne. OH and ate and	7/6/20	3,416			-	3,416	3,416
3,416	Ending System Volume	3,310 - 6/22/20	Transfer sa Skid Rig / I Test BOP's gas separa	3,310  Ciack materia Nipple Up, s, Pick up a	3,303  Domments  I and OBM Test BOP's  and Make u	3,307 s: I from Levi s p new BHA	Goodrich L	J2-3H.	6/29/20	Drilling ahe Volume bu TD 17886' spot 200bb spot 85bbl	cad on later ild 40bbls. Circulate (obs LCM @ obs 14#mud obs 14#mu	omment: ral. Consta No Losses Clean up c: 15430'. PC cap. POOH production 100'. Push	s: ant addition or Seepag ycle and sh OOH up to s t to run casi casing run.	of diesel a e at this tim ort trip. PO shoe, circulating.	nd water. ne. OH and ate and	7/6/20	3,416			-	3,416	3,416
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3,416	Ending System Volume	3,310 - 6/22/20 6/23/20 6/24/20	Transfer sa Skid Rig / I Test BOP's gas separa Drilled on crates. POC	3,310  Cack materia Nipple Up, s, Pick up a ator.  curve section OH to chan control to chan control to 10954	3,303  Domments  I and OBM Test BOP's  and Make u  on to 10862 ge mud mo	3,307  S:  I from Levi S  p new BHA  2'. Mud Mo  totor.  B BU and m  ud Motor.	Goodrich L  TIH 26bb tor not givi	I2-3H.  Is lost to  Ing build  . Pump	6/29/20 6/30/20 7/1/20	Drilling ahe Volume bu TD 17886' spot 200bb spot 85bbl: Lay down I 9000'100	cad on later ild 40bbls. Circulate (obs LCM @ obs 14#mud obs 14#mu	omment: ral. Consta No Losses Clean up c: 15430'. PC cap. POOH production 100'. Push	s: ant addition or Seepag ycle and sh OOH up to s t to run casi casing run.	of diesel a e at this tim ort trip. PO shoe, circulating.	nd water. ne. OH and ate and	7/6/20 7/7/20 7/8/20	3,416			-	3,416	3,416
3,416	Ending System Volume	3,310 - 6/22/20 6/23/20 6/24/20	Transfer sa Skid Rig / I Test BOP's gas separa Drilled on crates. POC	ack materia Nipple Up, s, Pick up a ator. curve section OH to chan	3,303  Domments  I and OBM Test BOP's  and Make u  on to 10862 ge mud mo	3,307  S:  I from Levi S  p new BHA  2'. Mud Mo  totor.  B BU and m  ud Motor.	Goodrich L  TIH 26bb tor not givi	I2-3H.  Is lost to  Ing build  . Pump	6/29/20 6/30/20 7/1/20	Drilling ahe Volume bu TD 17886' spot 200bb spot 85bbl: Lay down I 9000'100	cad on later ild 40bbls. Circulate (obs LCM @ obs 14#mud obs 14#mu	omment: ral. Consta No Losses Clean up c: 15430'. PC cap. POOH production 100'. Push	s: ant addition or Seepag ycle and sh OOH up to s t to run casi casing run.	of diesel a e at this tim ort trip. PO shoe, circulating.	nd water. ne. OH and ate and	7/6/20 7/7/20 7/8/20	3,416			-	3,416	3,416
3,416	Ending System Volume	3,310 - 6/22/20 6/23/20 6/24/20	Transfer sa Skid Rig / I Test BOP's gas separa Drilled on orates. POO TIH and dr slug and P	ack material Nipple Up, s, Pick up a ator. curve section OH to chan country to	3,303  Domment: I and OBM Test BOP's  Ind Make u  Ind	3,307  S:  I from Levi S  p new BHA  2'. Mud Mo  otor.  BBU and m  ud Motor.	Goodrich L , TIH 26bb tor not givi	J2-3H.  Ils lost to  Ing build  Pump	6/29/20 6/30/20 7/1/20	Drilling ahe Volume bu TD 17886' spot 200bb spot 85bbl: Lay down I 9000'100	cad on later ild 40bbls. Circulate (obs LCM @ obs 14#mud obs 14#mu	omment: ral. Consta No Losses Clean up c: 15430'. PC cap. POOH production 100'. Push	s: ant addition or Seepag ycle and sh OOH up to s t to run casi casing run.	of diesel a e at this tim ort trip. PO shoe, circulating.	nd water. ne. OH and ate and	7/6/20 7/7/20 7/8/20	3,416			-	3,416	3,416
3,416	Ending System Volume	3,310 - 6/22/20 6/23/20 6/24/20	Transfer sa Skid Rig / I Test BOP's gas separa Drilled on orates. POorates. POorates. POorates. TIH and dr slug and P	ack materia Nipple Up, s, Pick up a ator.  curve sectic OH to chan country to chan e drilling, Nead, gain 50 ead, gain 50	3,303  Domments  I and OBM Test BOP's  Ind Make u  Into 10862  ge mud mc  Circulate  ange out M  IW 8.9ppg.	3,307  S:  I from Levi S  p new BHA  2'. Mud Mo  otor.  BBU and m  ud Motor.	Goodrich L , TIH 26bb tor not givi	J2-3H.  Ils lost to  Ing build  Pump	6/29/20 6/30/20 7/1/20	Drilling ahe Volume bu TD 17886' spot 200bb spot 85bbl: Lay down I 9000'100	cad on later ild 40bbls. Circulate (obs LCM @ obs 14#mud obs 14#mu	omment: ral. Consta No Losses Clean up c: 15430'. PC cap. POOH production 100'. Push	s: ant addition or Seepag ycle and sh OOH up to s t to run casi casing run.	of diesel a e at this tim ort trip. PO shoe, circulating.	nd water. ne. OH and ate and	7/6/20 7/7/20 7/8/20	3,416			-	3,416	3,416
3,416	Ending System Volume	3,310 - 6/22/20 6/23/20 6/24/20 6/25/20	Transfer sa Skid Rig / I Test BOP's gas separa Drilled on orates. POorates. POorates. POorates. TIH and dr slug and P	ack material Nipple Up, s, Pick up a ator. curve section OH to chan country to	3,303  Domments  I and OBM Test BOP's  Ind Make u  Into 10862  ge mud mc  Circulate  ange out M  IW 8.9ppg.	3,307  S:  I from Levi S  p new BHA  2'. Mud Mo  otor.  BBU and m  ud Motor.	Goodrich L , TIH 26bb tor not givi	J2-3H.  Ils lost to  Ing build  Pump	6/29/20 6/30/20 7/1/20 7/2/20	Drilling ahe Volume bu TD 17886' spot 200bb spot 85bbl: Lay down I 9000'100	cad on later ild 40bbls. Circulate (obs LCM @ obs 14#mud obs 14#mu	omment: ral. Consta No Losses Clean up c: 15430'. PC cap. POOH production 100'. Push	s: ant addition or Seepag ycle and sh OOH up to s t to run casi casing run.	of diesel a e at this tim ort trip. PO shoe, circulating.	nd water. ne. OH and ate and	7/6/20 7/7/20 7/8/20 7/9/20	3,416			-	3,416	3,416
3,416	Ending System Volume	3,310 - 6/22/20 6/23/20 6/24/20 6/25/20 6/27/20	Transfer sa Skid Rig / I Test BOP's gas separa Drilled on orates. POO TIH and dr slug and P	ack materia Nipple Up, s, Pick up a ator.  curve sectic OH to chan rill to 10954 OOH to cha e drilling, N ead, gain 5 ed at this tir ead, gain 1	3,303  Domments  I and OBM Test BOP's  and Make u  on to 10862 ge mud mo  C. Circulate ange out M  IW 8.9ppg.  Dibbls. Tota ne.	3,307  S:  I from Levi s p new BHA  2'. Mud Mo  otor.  e BU and m  ud Motor.  (+4bbls O	Goodrich L  TIH 26bb  tor not givi  conitor well.  BM)	J2-3H.  Ils lost to  Ing build  Pump  rell . No	6/29/20 6/30/20 7/1/20 7/2/20 7/3/20	Drilling ahe Volume bu TD 17886' spot 200bb spot 85bbl: Lay down I 9000'100	cad on later ild 40bbls. Circulate (obs LCM @ obs 14#mud obs 14#mu	omment: ral. Consta No Losses Clean up c: 15430'. PC cap. POOH production 100'. Push	s: ant addition or Seepag ycle and sh OOH up to s t to run casi casing run.	of diesel a e at this tim ort trip. PO shoe, circulating.	nd water. ne. OH and ate and	7/6/20 7/7/20 7/8/20 7/9/20 7/10/20	3,416			-	3,416	3,416
3,416	Ending System Volume	3,310 - 6/22/20 6/23/20 6/24/20 6/25/20 6/27/20	Transfer sa Skid Rig / I Test BOP's gas separa Drilled on orates. POO TIH and dr slug and P	ack materia Nipple Up, s, Pick up a ator. curve section OH to chan rill to 10954 OOH to chan e drilling, Mead, gain 5 eed at this tiread, gain 1 formation at	3,303  Domments  I and OBM Test BOP's  and Make u  on to 10862 ge mud mo  C. Circulate ange out M  IW 8.9ppg.  Dibbls. Tota ne.	3,307  S:  I from Levi s p new BHA  2'. Mud Mo  otor.  e BU and m  ud Motor.  (+4bbls O	Goodrich L  TIH 26bb  tor not givi  conitor well.  BM)	J2-3H.  Ils lost to  Ing build  Pump  rell . No	6/29/20 6/30/20 7/1/20 7/2/20	Drilling ahe Volume bu TD 17886' spot 200bb spot 85bbl: Lay down I 9000'100	cad on later ild 40bbls. Circulate (obs LCM @ obs 14#mud obs 14#mu	omment: ral. Consta No Losses Clean up c: 15430'. PC cap. POOH production 100'. Push	s: ant addition or Seepag ycle and sh OOH up to s t to run casi casing run.	of diesel a e at this tim ort trip. PO shoe, circulating.	nd water. ne. OH and ate and	7/6/20 7/7/20 7/8/20 7/9/20	3,416			-	3,416	3,416

OUTSOURCE FLUID SOLUTIONS LLC.

110 Old Market St. St Martinville, LA 70582

TEL: (337) 394-1078

93.8° 10,335' TVD

Operator MAGN	IOLIA C	IL & G	AS	Contractor PA	TTERS	ON	County / Parish WASI	HINGTO	N	Engineer \$	Start Date 4/29/20	24 hr	ftg.		rilled D	epth <b>7,88</b> 0	6 ft	
Well Name and No.				Rig Name a	nd No.		State			Spud Date	e	Curre	ent ROP	А	ctivity	•		
	D CANY	ON A -	· 1H		248			EXAS			4/28/20					PRO		3G
Report for  JAMES D	YFR / F	ORRY	GWIN	Report for	ool Push	nor	Field / OSC-G	# DINGS		Fluid Type	OBM	Circu	lating Rate	C	irculatii	ng Pressi	ıre	
OAIII EO D			TY SPECII					DLUME (B			UMP #1		PUMP #2		RISE	R BO	OSTE	
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	•	0 bbl	Liner Si		25 Line		25	Liner			
8.8-10.2	8-20	5-12	>300	±260K	<10 <25	<10	In Hole		9 bbl	Stroke				2	Strol			
0.0 10.2		JD PROP		±20010	110 120	7.10	Active		39 bbl	bbl/stl				763	bbl/s			
Time Sample				2:00		12:30	Storage		38 bbl	stk/mi			k/min		stk/n			
Sample Locati				suction		suction	Tot. on Loc		67 bbl	gal/mi			al/min		gal/n			
Flowline Temp		<u> </u>		Cuotion		Guotion	Mud Wt. =		/=11	YP=1			ON DATA			608 K	= 24	2 1
Depth (ft)				8,467'		17,886'		Depth = 15				out = 1%	1	Pump E				
Mud Weight (p	nna)			9.1		8.9				307.7 b		rokes To B			ime T			
Funnel Vis (se	,		@ 99 °F	46		45	Drill String Disp.	Bottoms l				omsUp Stk		Bottom				
600 rpm	.0/91)			32		30	116.2 bbl		•	1588.8		talCirc.Stk		Total	•			
300 rpm				21		20	110.2 551	DRILLIN				itaioiro.ouv	1	OLIDS				
200 rpm				16		16	Tubulars				Length	Тор	Unit		Scree		Hour	s
100 rpm				12		10	Casing	5.500		` ,	7,478'	ТОР	Shaker		170		rioui	J
6 rpm				7		6	Casing	5.000			8,405'	7,478'	Shaker		170			
3 rpm				5		5	·	0.000		_, 0	0, 100	15,883'	Shaker		170			
Plastic Viscos	ity (cn)		@ 150 °F	11		10						15,883'	Centrifug			•		
Yield Point (lb.	,		T0 = 3			10		CASI	NG & I	HOLE D	ATA	10,000		,0 1				
Gel Strength (		10 s	ec / 10 min	7/11		6/10	Casing				Depth	Тор						
Gel Strength (			30 min	14		12	Riser	GZ ()		(,	200	. 00	VOLUM	IE ACC	OUN	TING	(bbls)	
HTHP Filtrate			@ 250 °F	6.0		6.0		10 3/4			3,000'		Prev. T				341	
HTHP Cake T	•	•		2.0		2.0	Int. Csg.	7 5/8	6.8		10,245'		Transfe				0	0.0
Retort Solids (				10%		10%	Washout 1	, .			,		- Tanon		Addec			
Corrected Soli				8.3%		8.4%	Washout 2							Barite A		` ,		
Retort Oil Con				72%		72%		Hole Size	.6.8	318 <sup>-</sup>	17,886'		Other Pr			` ,		
Retort Water (				18%		18%		NULAR G				OGY		Nater A	Ū	` ,		
O/W Ratio				80:20		80:20						505		ft on C		` ,		
Whole Mud Cl	nlorides (n	ng/L)		42,000		41,000	annula section	1 0	epth	velocit ft/mir	-	ECD lb/gal	Non-Rec		Ŭ	. ,		
Water Phase	`			267,875		263,175								Cent/l	≣vap/	Trip		
Whole Mud Al				1.8		1.9	6.875x5	5.5 7,	478'		lam	9.10	Est. T	otal on	Loca	tion	341	5.5
Excess Lime (				2.3 ppb		2.5 ppb	6.875x	5 10	,245'		lam	9.10	Est. Los	ses/Ga	ins (-)	 /(+)	-4	8.2
Electrical Stab		)		580 v		610 v	6.818x	5 15	,883'		lam	9.10		HYDRA		. ,	TΑ	
Average Spec			s	2.90		2.61						-	Bit H.S.I.	Bit Δ		Nozzles		ds)
Percent Low G				5.7%		7.1%							#DIV/0!	#DIV	-			
ppb Low Grav				47 ppb		59 ppb								Nozz	:le			
Percent Barite	-			2.6%		1.3%							Bit Impact Force	Veloc (ft/se	-			
ppb Barite				38 ppb		18 ppb	BIT D	DATA	Ma	nuf./Typ	е		#DIV/0!	,	´		$\dashv$	
Estimated Total	al LCM in	System					Size	Depth In	Но	urs F	ootage	ROP ft/h	r Motor/M	WD (	Calc.	Circ. F	ressu	ıre
Sample Taker	ı Ву			A. Roman		M Washburn	6 3/4				-					#DIV/	0!	
Afternoon Rema		nmendatio	ons:	1	I		Afternoon R	Rig Activity:		ļ		<u> </u>	<u> </u>					
							Cont chok circu Tran	inue to pi e and ga lating at	s bust 15489	er at 90 . Mainta	100', 100 ain 8.9 p	00' and 1 pg mud v	2" 23# P11 1200' with vt with diese Scheduled to	full reu el diluti	rns, on a	curren	tly trifug	je.

110 Old Market St. St Martinville, LA 70582

### **OUTSOURCE FLUID SOLUTIONS LLC.**

0.0°

0' TVD

Operator	NOLIA (	011 8 6	246	Contractor	TTERS	ON	County / Parish /	Block	NI.	Engineer Start	Date 29/20	24 hr f	tg.  Oft		Drilled		oe 4
Well Name and No.		OIL & C	JAS	Rig Name ar		ON	State	IINGTO	N	Spud Date	29/20	Currer			Activity	17,88	90 II
_	D CAN	YON A	- 1H		248			EXAS			28/20		0 ft/hr			•	down DP
Report for JAMES [	YFR /	BOBBY	GWIN	Report for	ol Pusi	ner	Field / OCS-G #	DINGS	;	Fluid Type	вм	Circula	ating Rate  0 gpm		Circula	ting Pres	sure Si
0711112012			TY SPECIF			101	MUD VO				ЛР #1		PUMP #2		RIS		OOSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits		0 bbl	Liner Size	5.25	Line	r Size 5	.25	Liner	Size	
8.8-10.2	8-20	5-12	>300	±260K	<10 <25	<10	In Hole		0 bbl	Stroke	12	Str	oke	12	Stro	ke	
		<u> </u>		7/1/20		7/1/20	Active		0 bbl	bbl/stk	0.0763	bb	l/stk 0.0	0763	bbl	/stk	0.0000
Time Sample	Taken			2:00		12:30	Storage	e <u>3(</u>	)84 bbl	stk/min	0	stk	/min	0	stk/	min	
Sample Locati	on			No Mud		suction	Tot. on Loc	cation 30	)84 bbl	gal/min	0	gal	/min	0	gal/	min	0
Flowline Temp	erature °l	F						PHHP =	0	C	IRCULAT	ION DA	TA		n = 0	0.608	K = 242.063
Depth (ft)				17,886'		17,886'	Е	Bit Depth	= '		Washout	= 1%		Pump	Effici	ency =	95%
Mud Weight (p	pg)			9.0		8.9	Drill String	Volun	ne to Bit	0.0 bbl	Stroke	s To Bit			Time '	To Bit	
Funnel Vis (se	c/qt)		@ 85 °F	46		45	Disp.	Bottoms	Up Vol.	0.0 bbl	Bottoms	Up Stks		Botto	msUp	Time	
600 rpm				32		30	0.0 bbl	Total	Circ.Vol.	0.0 bbl	TotalC	irc.Stks		Tota	al Circ.	Time	
300 rpm				21		20		DRILLI	NG AS	SEMBLY D	ATA		S	SOLID	s co	NTRO	L
200 rpm				16		16	Tubulars	OD (in.	) ID	(in.) Le	ength	Тор	Unit	t	Scre	ens	Hours
100 rpm				12		10					0'	0'	Shake	r 1	17	70	20.0
6 rpm				7		6						0'	Shake	r 2	17	70	20.0
3 rpm				5		5						0'	Shake	r 3	17	70	20.0
Plastic Viscos	ity (cp)		@ 150 °F	11		10						0'	Centrifu	ge 1			12.0
Yield Point (lb.	/100 ft²)		T0 = 3	10		10		CAS	ING &	HOLE DAT	A						
Gel Strength (	lb/100 ft²)	10	sec/10 min	7/11		6/10	Casing	OD (in.	) ID	(in.) D	epth	Тор					
Gel Strength (	lb/100 ft <sup>2</sup> )		30 min	14		12	Riser						VOLU	ME AC	cou	NTING	(bbls)
HTHP Filtrate	(cm/30 m	in)	@ 250 °F	6.0		6.0	Surface	10 3/4		3	,000'	0'	Prev.	Total o	n Loc	ation	3415.5
HTHP Cake T	hickness	(32nds)		2.0		2.0	Int. Csg.	7 5/8		10	,245'	0'	Transf	erred l	ln(+)/C	Out(-)	
Retort Solids (	Content			10%		10%	Prod.	5 1/2		9	,465'	0'		Oi	l Adde	d (+)	176.2
Corrected Soli	ds (vol%)			8.3%		8.4%	Prod.	5		17	',886' 9	,465'		Barite	Adde	d (+)	0.0
Retort Oil Con	tent			72%		72%	Oper	n Hole Siz	e 0.	.000 17	7,886'		Other P	roduct	Usag	e (+)	0.0
Retort Water (	Content			18%		18%	ANI	NULAR (	SEOME	TRY & RHI	EOLOGY			Water	Adde	d (+)	
O/W Ratio				80:20		80:20	annulai		neas.	velocity		ECD	Le	eft on	Cutting	gs (-)	0.0
Whole Mud Cl	nlorides (r	mg/L)		42,000		41,000	section	1 (	depth	ft/min	reg	b/gal	Non-Re	covera	able V	ol. (-)	-327.7
Water Phase	Salinity (p	pm)		267,875		263,175								Cen	t/Evap	/Trip	-180.0
Whole Mud Al	kalinity, P	om		1.8		1.9							Est.	Total o	n Loc	ation _	3084.0
Excess Lime (	lb/bbl)			2.3 ppb		2.5 ppb							Est. Los	sses/G	ains (	-)/(+)	0.0
Electrical Stab	ility (volts	)		580 v		610 v							BIT	HYDI	RAUL	CS D	ATA
Average Spec	ific Gravit	y of Solids	S	2.76		2.61							Bit H.S.I.	Bit	ΔΡ	Nozzl	es (32nds)
Percent Low 0	Gravity So	lids		6.4%		7.1%											
ppb Low Grav	ity Solids			52 ppb		59 ppb							Bit Impact		zzle ocity		
Percent Barite	1			1.9%		1.3%							Force		sec)		
ppb Barite				28 ppb		18 ppb	BIT D	ATA	Ma	anuf./Type	1						
Estimated Tot	al LCM in	System	ppb				Size	Depth I	n H	ours Fo	otage R0	OP ft/hr	Motor/M	1WD	Calc	. Circ.	Pressure
Sample Taker	Ву			A. Roman	0	M Washburn											
Remarks/Reco	mmendati	ons:					Rig Activity:										

OBM Received:-----3,310 bbls-----Daily Received--( 0 bbls)

OBM On Surface ----3,084 bbls (Storage)

OBM Daily Gan/Loss--- (-331); Total Gain/Loss---(-224)

12.5# OBM (492bbl)----9# OBM (2592bbls)---- \$65.00/bbl

Finish running production casing in the hole. Set circulation and continue with Surf-Surf cycle. Circulate gas out prior to start cement job. Pump Cement as follows: (spacer 50bbls/9.5#...Cement 250bbls/13.5#) displace Cement with 349bbls of fresh water. Bump plug 1000psi over. Floats holding, shut well in and monitor casing pressure (378psi) and increasing. Start to lay down DP in the mouse hole.---Losses while running casing (180bbl centrifuge / TIH); While Circulating casing on bottom (189bbls); Losses while pumping cement 100bbls. Losses displacing Cement 12bbls + 26bbls on back side on calculated displacement. . Total losses on cement job 327bbls. At this time WOC and lay down DP.

Е	ng. 1:	Mi	ke W	ashb	urn	Er	ng. 2:	Adolfo	Roman	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Р	none:	30	61-94	5-57	77	Ph	none:	956-8	21-9994	Phone:	432-686-7361	Phone:	-			
W 1	P 1	Y 1	E 1	C 1	g 1	G 1	H 1	O 1	carefully	and may be		elects, however	, no representati	nas been prepared on is made as to the	\$5,195.00	\$84,753.18
												INCLUDI	NG 3RD PAR	TY CHARGES	\$14,739.71	\$139,160.05

07/02/20	Operator <b>MAGI</b>	NOLIA OIL	& GAS	Well Name a GRANI	CANYON	A - 1H	Rig Name an
	DAILY	USAGE 8	& COST				
	T		Previous		Closing	Daily	
Item	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost
ALUMINUM TRISTEARATE							
SAPP (50)	50# sk	\$44.56					
PHPA LIQUID (pail)	5 gal	\$41.36	88		88		
DYNADET	5 gal	\$32.23					
EVO-LUBE			075		075		
	gal	\$14.00	975		975		
NEW GEL (PREMIUM)	100# sk	\$19.75	70		70		
CACL2 (50)	50# sk	\$14.32	168		168		
LIME (50)	50# sk	\$5.00	100		100		
BENTONE 910 (50)	50# sk	\$59.40					
BENTONE 990 (50)			25		25		
	50# sk	\$83.59					
OPTI - G	50# sk	\$30.59	40		40		
OPTI - MUL	gal	\$10.75	275		275		
OPTI - WET	gal	\$8.34	440		440		
NEW PHALT	50# sk	\$38.72					
NEW CARB (M)		\$5.25	120		120		
	50# sk		120		120		
MAGMAFIBER F (25)	25# sk	\$28.05					
CYBERSEAL	25# sk	\$21.47	180		180		
OIL SORB (25)	25# sk	\$4.75	28	<u> </u>	28		
BENTONE 38 (50)	50# sk	\$163.94	24		24		
VARISEAL C			50		50		
	+		30		30		
NEW WATE (SACK BARITE)	100# sk	\$11.50	160	<u></u>	160		
BARITE BULK (100)	100# sk	\$7.00	1363		1363		
	1						
	+						
DVALA FIDER MER	05# 1	050.07	400		400		-
DYNA FIBER MED.	25# sk	\$53.67	120		120		
FIBER PLUG	30# sk	\$30.37	15		15		
MAGMAFIBER R (30)	30# sk	\$28.05	78		78		
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OPTI DRILL (OBM)	bbl	\$65.00	3043		3043		
OPTI DRILL (OBM)	bbl	\$65.00	3043		3043		
OPTI DRILL (OBM)							P2 225 25
	bbl	\$65.00	3043		3043	219	\$3,285.00
						219	\$3,285.00
						219	\$3,285.00
						219	\$3,285.00
						219	\$3,285.00
						219	\$3,285.00
						219	\$3,285.00
OPTI DRILL (OBM) DISCOUNTED OBM						219	\$3,285.00
						219	\$3,285.00
						219	\$3,285.00
						219	\$3,285.00
DISCOUNTED OBM	bbl	\$15.00					
DISCOUNTED OBM  ENGINEERING (24 HR)	bbl	\$15.00 \$925.00				2	\$1,850.00
ENGINEERING (24 HR) ENGINEERING (DIEM)	bbl	\$15.00 \$15.00 \$925.00 \$30.00					\$1,850.00
ENGINEERING (24 HR) ENGINEERING (DIEM)	bbl	\$15.00 \$925.00				2	\$1,850.00
ENGINEERING (24 HR) ENGINEERING (DIEM)	bbl each bbl	\$15.00 \$15.00 \$925.00 \$30.00				2	\$1,850.00
ENGINEERING (24 HR)	bbl each bbl	\$15.00 \$15.00 \$925.00 \$30.00				2	\$1,850.00
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES)	each bbl each	\$15.00 \$15.00 \$925.00 \$30.00 \$1.00				2	\$1,850.00
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES)	each bbl each each	\$15.00 \$15.00 \$925.00 \$30.00 \$1.00				2	\$1,850.00
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES)	each bbl each	\$15.00 \$15.00 \$925.00 \$30.00 \$1.00				2	\$1,850.00
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES)	each bbl each each	\$15.00 \$15.00 \$925.00 \$30.00 \$1.00				2	\$1,850.00
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES)  FRUCKING (cwt) FRUCKING (min)	each bbl each each each	\$15.00 \$925.00 \$30.00 \$1.00 \$2.65 \$795.00				2	\$1,850.00
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES)  FRUCKING (cwt) FRUCKING (min)	each bbl each each each each	\$15.00 \$925.00 \$30.00 \$1.00 \$2.65 \$795.00				2	\$1,850.00
	each bbl each each each	\$15.00 \$925.00 \$30.00 \$1.00 \$2.65 \$795.00				2	\$1,850.00

Date	Operator			Well Name a	ind No.		Rig Name ar	nd No.	Report No.	
07/02/20	MAGI	NOLIA OIL	& GAS	GRANI	D CANYON	I A - 1H	2	48	Repo	rt #18
	DAILY	USAGE 8	& COST						СПМП	LATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel Transfer from 3H	gal	\$0.91							7401	\$6,734.91
Diesel Delivery 5/1/20	gal	\$0.87							5423	\$4,718.01
Diesel Delivery 5/3/20	gal	\$0.96								
Diesel Transfer from 3H	gal	\$1.30							8304	\$10,795.20
Diesel Delivery 6/24/20	gal	\$1.35							7205	\$9,726.75
Diesel Delivery 6/27/20	gal	\$1.29							7401	\$9,547.29
Diesel Delivery 6/29/20	gal	\$1.29	7399			7399	\$9,544.71		7399	\$9,544.71
Turbo Chem / First Response	25# sk	\$41.75	50		50				80	\$3,340.00
								1		
								ł		
								1		
								1		
								1		
								1		
								]		
					Daily S	ub-Total \$9	9,544.71		\$54,4	06.87
	Cumi	ulative Total	I AES & 3rd	Party \$139	,160.05					

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: Well Name: MAGNOLIA OIL & GAS

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GRAND CANYON A - 1H

					WEEK 1							WEEK 2							WEEK 3			
	Date	6/22/20	6/23/20	6/24/20	6/25/20	6/26/20	6/27/20	6/28/20	6/29/20	6/30/20	7/1/20	7/2/20	7/3/20	7/4/20	7/5/20	7/6/20	7/7/20	7/8/20	7/9/20	7/10/20	7/11/20	7/12/20
		Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun
	Bit Size	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4										
Grand	Starting Depth	10,335	10,335	10,335	10,862	10,954	11,900	14,160	16,220	17,427	17,886	17,886	17,886									
Totals	Ending Depth	10,335	10,335	10,862	10,954	11,900	14,160	16,220	17,427	17,886	17,886	17,886	-									
	Footage Drilled	-	-	527	92	946	2,260	2,060	1,207	459	-	,	_	_	_	_	_			_	_	-
	New Hole Vol.		_	23	4	42	100	91	53	20		-				_				_	_	_
334	Starting System Volume	470	3,310	3,284	3,310	3,303	3,307	3,357	3,368	3,408	3,424	3,416	3,084	3,084	3,084	3,084	3,084	3,084	3,084	3,084	3,084	3,084
0.1				· ·								3,410	3,004	3,064	3,064	3,064	3,064	3,064	3,004	3,064	3,064	3,004
	Chemical Additions	-	-	7 92	0	5 32	17	13	17	3	-	470										
	Base Fluid Added Barite Increase	-	-	92	55	- 32	89	108	113	53 -	18	176										
	Weighted Mud Added	2.840	-	,	-	-	-	-	-	-		-										
2,040	Slurry Added	2,040	-	-	-	-	<del>-</del>	<del>-</del>	-	-	-	-										
321	Water Added	-	-	60	-	11	60	80	80	30	-	-										
321	Added for Washout	-	-	-	-	- ''	- 00	- 00	-	-	-											
3.964		2,840	_	166	55	47	166	201	210	86	18	176			_	_					_	
- ,			-									176	-	-	-	-	-	-	-	-	-	-
	Surface Losses	-		30	15	-	-	30	30	30	-											
	Formation Loss	-	-	30	- 4	- 40	102	52	-	- 04	-											
	Mud Loss to Cuttings Unrecoverable Volume	-	-		4	43	102	93	55 70	21		328										
303			-	60 20	15	-	14	15	15	- 20	14	180										
303	Centrifuge Losses	-	-	20	28	-	14	15	15	20	12	100										
1,324	Total Losses	-	-	140	62	43	116	190	170	70	26	508	-	-	•	-	-	-	-	-	-	-
26	Mud Transferred Out	-	26	-	-	-																
3,084	Ending System Volume	3,310	3,284	3,310	3,303	3,307	3,357	3,368	3,408	3,424	3,416	3,084	3,084	3,084	3,084	3,084	3,084	3,084	3,084	3,084	3,084	3,084
				,	,																	
-	Mud Recovered	-		,	,																	
-	Mud Recovered				omment	e.						omment	e.					C	omment	c.		
-	Mud Recovered	-		С	comment	s:					С	omment	s:					С	omment	s:		
-	Mud Recovered	6/22/20		ack materia	al and OBM	I from Levi	Goodrich L	J2-3H.		Drilling ahe	ead on late	ral. Consta	ant addition			7/6/20		C	omment	s:		
-	Mud Recovered			ack materia		I from Levi	Goodrich L	J2-3H.		Drilling ahe	ead on late	ral. Consta	ant addition			7/6/20		С	omment	s:		
	1	6/22/20	Skid Rig /	ack materia Nipple Up,	al and OBM Test BOP's	I from Levi s			6/29/20	Volume bu	ead on late ild 40bbls. Circulate	ral. Consta No Losses Clean up cy	ant addition or Seepag	e at this tin	ne. OH and			C	omment	s:		
3,284	1		Skid Rig /	ack materia Nipple Up, s, Pick up a	al and OBM	I from Levi s			6/39/20	Volume bu TD 17886'. spot 200bb	ead on late ild 40bbls. Circulate (	ral. Consta No Losses Clean up cy 15430'. PC	ant addition or Seepag ycle and sh DOH up to s	ort trip. PO	ne. OH and	7/6/20		C	omment	s:		
	1	6/22/20	Skid Rig / Test BOP's	ack materia Nipple Up, s, Pick up a	al and OBM Test BOP's	I from Levi s			6/30/20	TD 17886's spot 200bb spot 85bbl	ead on later ild 40bbls. Circulate ( ils LCM @ is 14#mud (	ral. Consta No Losses Clean up cy 15430'. PC cap. POOH	ant addition or Seepag ycle and sh OOH up to s	ort trip. PO shoe, circul ing.	OH and ate and			C	omment	s:		
	1	6/22/20 6/23/20	Skid Rig / Test BOP's	ack materia Nipple Up, s, Pick up a	al and OBM Test BOP's	I from Levi s p new BH/	A, TIH 26bb	ols lost to	6/30/20	TD 17886'. spot 200bb spot 85bbl.	ead on late ild 40bbls. Circulate ( els LCM @ s 14#mud of BHA, Start	ral. Consta No Losses Clean up cy 15430'. PC cap. POOH production	ant addition or Seepag ycle and sh OOH up to s I to run casi casing run.	ort trip. PO shoe, circul ing.	OH and ate and	7/7/20		C	omment	s:		
	1	6/22/20	Skid Rig / Test BOP's gas separa Drilled on o	ack materia Nipple Up, s, Pick up a ator.	al and OBM Test BOP's	I from Levi s up new BHA 2'. Mud Mc	A, TIH 26bb	ols lost to	6/30/20	TD 17886's spot 200bb spot 85bbl	ead on late ild 40bbls. Circulate ils LCM @ s 14#mud o BHA, Start 00'& 110	ral. Consta No Losses Clean up cy 15430'. PC cap. POOH production 000'. Push	ant addition or Seepag ycle and sh OOH up to s I to run casi casing run.	ort trip. PO shoe, circul ing.	OH and ate and			C	omment	s:		
	1	6/22/20 6/23/20	Skid Rig / Test BOP's gas separa Drilled on o	ack materia Nipple Up, s, Pick up a ator.	al and OBM Test BOP's and Make u	I from Levi s up new BHA 2'. Mud Mc	A, TIH 26bb	ols lost to	6/30/20	Volume bu TD 17886'. spot 200bb spot 85bbl: Lay down I 9000'100 losses dow	ead on late ild 40bbls. Circulate on als LCM @ s 14#mud on BHA, Start 00'& 110 rn hole at th	ral. Consta No Losses Clean up cy 15430'. PC cap. POOH production 000'. Push his time.	ant addition or Seepag ycle and sh DOH up to s I to run casi casing run mud cap or	ort trip. PO shoe, circul ing.  Circulate ut of wellbo	OH and ate and BU @ re. No	7/7/20		C	omment	s:		
	1	6/22/20 6/23/20	Test BOP's gas separa  Drilled on rates. POr	ack materia Nipple Up, s, Pick up a ator. curve section OH to char	al and OBM Test BOP's and Make u on to 10862 age mud mo	I from Levi s p new BHA 2'. Mud Mo otor.	A, TIH 26bb	ols lost to	6/30/20	TD 17886'. spot 200bb spot 85bbl. Lay down I 9000'100	ead on late ild 40bbls. Circulate on the second of the second is LCM @ s 14#mud of the second of the	ral. Consta No Losses Clean up cy 15430'. PC cap. POOH production 100'. Push his time.	ant addition or Seepag ycle and sh OOH up to s I to run casi casing run mud cap or ses: 180bb	e at this tin ort trip. PO shoe, circul ing.  Circulate ut of wellbo	OH and ate and BU @ re. No	7/7/20		C	omment	s:		
	1	6/22/20 6/23/20 6/24/20	Test BOP's gas separa  Drilled on rates. POr	ack materia Nipple Up, s, Pick up a ator. curve section OH to char	al and OBM Test BOP's and Make u	I from Levi s p new BHA 2'. Mud Mo otor.	A, TIH 26bb	ols lost to	6/30/20 7/1/20	Volume bu TD 17886'. spot 200bb spot 85bbl: Lay down I 9000'100 losses dow Casing on	ead on laterild 40bbls.  Circulate 0 els LCM @ s 14#mud 0 BHA, Start 00'& 110 en hole at the	ral. Consta No Losses Clean up cy 15430'. PC cap. POOH production 000'. Push his time.	ant addition or Seepag ycle and sh OOH up to s I to run casi casing run mud cap or ses: 180bb casing on	nort trip. PO shoe, circulating.  Circulate ut of wellbounds while rur bottom; 10	OH and ate and BU @ re. No	7/7/20		C	omment	s:		
	1	6/22/20 6/23/20 6/24/20	Test BOP's gas separa  Drilled on rates. POr	ack materia Nipple Up, s, Pick up a ator. curve section OH to char	al and OBM Test BOP's and Make u on to 10862 age mud mo	I from Levi s p new BHA 2'. Mud Mo otor.	A, TIH 26bb	ols lost to	6/30/20 7/1/20	Volume bu TD 17886'. spot 200bb spot 85bbl: Lay down I 9000'100 losses dow Casing on casing; 189	ead on laterild 40bbls.  Circulate 0 els LCM @ s 14#mud 0 BHA, Start 00'& 110 en hole at the	ral. Consta No Losses Clean up cy 15430'. PC cap. POOH production 000'. Push his time.	ant addition or Seepag ycle and sh OOH up to s I to run casi casing run mud cap or ses: 180bb casing on	nort trip. PO shoe, circulating.  Circulate ut of wellbounds while rur bottom; 10	OH and ate and BU @ re. No	7/7/20		C	omment	s:		
	1	6/22/20 6/23/20 6/24/20 6/25/20	Test BOP's gas separa  Drilled on rates. POr	ack material ack material Nipple Up, s, Pick up a ator.  curve section OH to chartill to 10954000H to ch	al and OBM Test BOP's and Make u on to 10862 age mud mo 4'. Circulate ange out M	I from Levi s up new BH/ 2'. Mud Mo otor. e BU and m lud Motor.	A, TIH 26bb otor not givi	ols lost to	6/30/20 7/1/20	Volume bu TD 17886'. spot 200bb spot 85bbl: Lay down I 9000'100 losses dow Casing on casing; 189	ead on laterild 40bbls.  Circulate 0 els LCM @ s 14#mud 0 BHA, Start 00'& 110 en hole at the	ral. Consta No Losses Clean up cy 15430'. PC cap. POOH production 000'. Push his time.	ant addition or Seepag ycle and sh OOH up to s I to run casi casing run mud cap or ses: 180bb casing on	nort trip. PO shoe, circulating.  Circulate ut of wellbounds while rur bottom; 10	OH and ate and BU @ re. No	7/7/20		C	omment	s:		
	1	6/22/20 6/23/20 6/24/20 6/25/20	Test BOP's gas separa  Drilled on rates. POr	ack material ack material Nipple Up, s, Pick up a ator.  curve section OH to chartill to 10954000H to ch	al and OBM Test BOP's and Make u on to 10862 age mud mo 4'. Circulate ange out M	I from Levi s up new BH/ 2'. Mud Mo otor. e BU and m lud Motor.	A, TIH 26bb otor not givi	ols lost to	6/30/20 6/30/20 7/1/20 7/2/20	Volume bu TD 17886'. spot 200bb spot 85bbl: Lay down I 9000'100 losses dow Casing on casing; 189	ead on laterild 40bbls.  Circulate 0 els LCM @ s 14#mud 0 BHA, Start 00'& 110 en hole at the	ral. Consta No Losses Clean up cy 15430'. PC cap. POOH production 000'. Push his time.	ant addition or Seepag ycle and sh OOH up to s I to run casi casing run mud cap or ses: 180bb casing on	nort trip. PO shoe, circulating.  Circulate ut of wellbounds while rur bottom; 10	OH and ate and BU @ re. No	7/7/20 7/8/20 7/9/20		C	omment	s:		
	1	6/22/20 6/23/20 6/24/20 6/25/20	Test BOP's gas separa  Drilled on rates. POr  TIH and dr slug and P	ack materia Nipple Up, s, Pick up a ator. curve section OH to char rill to 10954 OOH to char e drilling, Mead, gain 5	and OBM Test BOP's and Make u on to 10862 age mud mo 4'. Circulate ange out M	Il from Levi s ip new BHA 2'. Mud Mo totor. e BU and m lud Motor.	A, TIH 26bb otor not givi nonitor well	ng build	6/30/20 7/1/20 7/2/20	Volume bu TD 17886'. spot 200bb spot 85bbl: Lay down I 9000'100 losses dow Casing on casing; 189	ead on laterild 40bbls.  Circulate 0 els LCM @ s 14#mud 0 BHA, Start 00'& 110 en hole at the	ral. Consta No Losses Clean up cy 15430'. PC cap. POOH production 000'. Push his time.	ant addition or Seepag ycle and sh OOH up to s I to run casi casing run mud cap or ses: 180bb casing on	nort trip. PO shoe, circulating.  Circulate ut of wellbounds while rur bottom; 10	OH and ate and BU @ re. No	7/7/20 7/8/20 7/9/20 7/10/20		C	omment	s:		
	1	6/22/20 6/23/20 6/24/20 6/25/20	Test BOP's gas separa  Drilled on rates. POr  TIH and dr slug and P	ack materia Nipple Up, s, Pick up a ator. curve section OH to char rill to 10954 OOH to char e drilling, Mead, gain 5	and OBM Test BOP's and Make u on to 10862 age mud mo 4'. Circulate ange out M	Il from Levi s ip new BHA 2'. Mud Mo totor. e BU and m lud Motor.	A, TIH 26bb otor not givi nonitor well	ng build	6/30/20 7/1/20 7/2/20 7/3/20	Volume bu TD 17886'. spot 200bb spot 85bbl: Lay down I 9000'100 losses dow Casing on casing; 189	ead on laterild 40bbls.  Circulate 0 els LCM @ s 14#mud 0 BHA, Start 00'& 110 en hole at the	ral. Consta No Losses Clean up cy 15430'. PC cap. POOH production 000'. Push his time.	ant addition or Seepag ycle and sh OOH up to s I to run casi casing run mud cap or ses: 180bb casing on	nort trip. PO shoe, circulating.  Circulate ut of wellbounds while rur bottom; 10	OH and ate and BU @ re. No	7/7/20 7/8/20 7/9/20		C	omment	s:		
	1	6/22/20 6/23/20 6/24/20 6/25/20 6/26/20	Test BOP's gas separa  Drilled on rates. POr  TIH and dr slug and P  TIH resum  Drilling ahe losses note	ack materia Nipple Up, s, Pick up a ator.  curve section of to char to the char of the char of the char of the drilling, Mead, gain 5 ed at this tient with the chart of the c	al and OBM Test BOP's and Make u on to 10862 nge mud mo 4'. Circulate ange out M WW 8.9ppg 50bbls. Tota me. 1bbls. Tota	I from Levi s ip new BHA 22. Mud Mo otor. e BU and m lud Motor. . (+4bbls O	otor not givinonitor well DBM)  bls on the w	ng build . Pump	6/30/20 7/1/20 7/2/20 7/3/20	Volume bu TD 17886'. spot 200bb spot 85bbl: Lay down I 9000'100 losses dow Casing on casing; 189	ead on laterild 40bbls.  Circulate 0 els LCM @ s 14#mud 0 BHA, Start 00'& 110 en hole at the	ral. Consta No Losses Clean up cy 15430'. PC cap. POOH production 000'. Push his time.	ant addition or Seepag ycle and sh OOH up to s I to run casi casing run mud cap or ses: 180bb casing on	nort trip. PO shoe, circulating.  Circulate ut of wellbounds while rur bottom; 10	OH and ate and BU @ re. No	7/7/20 7/8/20 7/9/20 7/10/20		C	omment	s:		