110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

16.0°

2,821' TVD

TEL: (337) 394-1078

Operator MAGN	NOLIA (OIL & G	SAS		TERSO	ON	County / Parish /	Block HINGTO	N	_	Start Date)1/1 <i>4/</i> 2	21	•	904 ft		Drilled	Depth 2,9 0)4 ft	
Well Name and No.	ABINE	B 2-H		Rig Name an	d No. 248		State T	EXAS		Spud Date 0	•)1/1 <i>4/</i> 2		Current RC	5 ft/hr		Activity Ski	id / 0	em	ent
Report for				Report for			Field / OCS-G #			Fluid Type	9	C	Circulating	Rate		Circula	ting Pre	ssure	
JAMES D	YER / J	IM HAF	RRISON	То	ol Pusi	ner	GID	DIGNS			WBN	I	0	gpm			p	si	
	MUD	PROPER	RTY SPECIF	ICATION	S		MUD VO	LUME (BE	BL)	ı	PUMP #	#1	Pl	UMP #2		RIS	ER B	oos	ΓER
Weight	PV	YP	GELS	рН	API fl	% Solids	In Pits	458	8 bbl	Liner S	Size	5.25	Liner Siz	ze 5.	25	Liner	Size	5.	25
8.4-9.6	0-10	0-10	<5 <10	8.4-9	<25	2-10	In Hole	475	5 bbl	Strok	ке	12	Stroke	1	2	Stro	ke	1	2
				1/15/21		1/14/21	Active	93	1 bbl	bbl/s	stk	0.0763	bbl/stk	0.0	763	bbl	/stk	0.0	763
Time Sample	Γaken			2:00		14:00	Storage)		stk/m	nin		stk/mir	า		stk/	min		
Sample Location	on			suction		suction	Tot. on Lo	cation 933	3 bbl	gal/m	nin	0	gal/mir	า ()	gal/	min	(0
Flowline Temp	erature °F	F		100 °F		100 °F		PHHP = 0	ı		CIRC	ULATION	N DATA	ı		n = 0	.737	K = 1	5.441
Depth (ft)				2,925'		1,004'	Bit I	Depth = 2,8	893 '		Wa	ashout = 5	5%	Į į	Pump	Effici	ency :	= 95%	ó
Mud Weight (p	pg)			8.8		8.5	Drill String	Volume	e to Bit	278.2	bbl	Strokes T	o Bit			Time ⁻	To Bit		
Funnel Vis (se	c/qt)		@ 90 °F	34		30	Disp.	Bottoms L	Jp Vol.	194.9	bbl B	ottomsUp	Stks		Botto	msUp	Time		
600 rpm				5		2	46.5 bbl	Riser An	n. Vol.	-12.1	bbl	Riser Stro	okes		Rise	r Circ.	Time		
300 rpm				3		2		DRILLIN	G ASS	SEMBLY	Y DATA			s	OLID	s co	NTRO	L	
200 rpm				2		1	Tubulars	OD (in.)	ID	(in.)	Lengt	h To	р	Unit		Scre	ens	Но	urs
100 rpm				1		1	Casing	10.750	9.	950	2,893	3' 0'		Shaker	1	140	-80	12	2.0
6 rpm				1		1						2,89	93'	Shaker	2	140	-80	12	2.0
3 rpm				1		1						2,89	93'	Shaker	3	140	-80	12	2.0
Plastic Viscosi	ty (cp)		@ 120 °F	2								2,89	93'	Desand	ler			12	2.0
Yield Point (lb/	100 ft²)		T0 = 1	1		2		CASIN	NG & I	HOLE D	ATA			Desilte	er			12	2.0
Gel Strength (I	b/100 ft²)	10	sec/10 min	1/4		1/2	Casing	OD (in.)	ID	(in.)	Deptl	n To	р (Centrifug	je 1	140	-80	12	2.0
Gel Strength (I	b/100 ft ²)		30 min	6		4	Riser	20			108'			VOLUN	IE AC	COU	NTING	G (bb	ls)
API Filtrate / C	ake Thick	kness		20/2		25/2	Surface					108	8'	Prev. T	otal o	n Loc	ation		0.0
HTHP Filtrate	/ Cake Th	nickness	@ 0 °F				Int. Csg.					108	B'	Transfe	rred I	n(+)/C	Out(-)		
Retort Solids C	Content			3.4%		1.2%	Washout 1								Oil	Adde	d (+)		0.0
Retort Oil Con	tent						Washout 2							ı	Barite	Adde	d (+)		0.0
Retort Water C	Content			96.6%		98.8%	Oper	n Hole Size	13	.860	2,904	! '	(Other Pr	oduct	Usag	e (+)		2.3
Sand Content				1%		0.5%	ANI	NULAR GE	EOME	TRY & I	RHEOL	.OGY		١	Nater	Adde	d (+)	23	343.8
M.B.T. (Methyl	ene Blue	Capacity)) (ppb)	3.0		1.5	annulai	r me	eas.	veloc	city flo	ow EC	D	Le	ft on (Cutting	gs (-)	-8	812.9
рН				8.4		8.4	section	l l	epth	ft/mi	in r	eg lb/g	al	Sand	Trap	Disch	arge	-(600.0
Alkalinity, Mud	Pm			0.1		0.1	0x10.75	5 1	08'	0.0)	8.8	0						
Alkalinities, Fil	trate Pf/M	I f		0.1/0.2		0.1/0.2	13.86x10	.75 2,8	893'	0.0) la	ım 8.8	0	Est. T	otal o	n Loc	ation	ç	933.2
Chlorides (mg/	L)			600		400							- 1	Est. Los	ses/G	ains (-)/(+)		0.0
Calcium (ppm)				120		120								ВІТ	HYDR	RAULI	CS D	ATA	
Excess Lime (I	b/bbl)												Ві	it H.S.I.	Bit	ΔΡ	Nozz	les (3	2nds)
Average Speci	fic Gravit	y of Solids	S	2.60	2.60	2.60								0.00	þ	osi	14	14	14
Percent Low G	ravity So	lids		3.4%		1.1%							Bit	t Impact	Noz		14	14	14
Percent Drill S	olids			3.4%		1.1%								Force	(ft/s	ocity sec)	14	14	14
PPA Spurt / To	otal (ml) @	0	@ 0 °F				BIT D	ATA	Ma	anuf./Ty	pe L	Ilterra U61	16S	0 lbs	()			
Estimated Total	al LCM in	System	ppb				Size	Depth In	Н	ours	Foota	ge ROP	ft/hr I	Motor/M	WD	Calc	. Circ	Pres	sure
Sample Taken	Ву						13 1/5	108 ft	7	7.0	2,904	ft 414	.9	1,350 բ	osi				
Remarks/Reco	mmendati	ons:					Rig Activity:		•	I			•			•			

OBM RECEIVED: bbls / OBM RETURNED:

OBM ON SURFACE--- bbls (Storage + Active)

OBM LOSS/GAIN--(Daily-- 0)----Total (0)

Displace Cement with 215bbls / OBM 9.3ppg.

In the past 24hrs: Skid rig over from the Sabine A-1H, Pick up and make up BHA for surface hole while cementing off-line on the A-1H. Drilled surface 13.5" hole to TD 2904', using fresh water, laden with SAPP and Drilling Detergent as primary median. Pump Fresh water sweeps (SAPP & Soap) while drilling, dumping sand trap every 300'. At TD circulate hole clean, pump Hi-Vis sweep to assist on hole cleaning prior to running Surface casing. Rig up Casing crew and Run (10.75" / 45.5# / BTC / P-110) surface casing in the hole. Set circulation on last joint of casing and wash to bottom. Retrieve landing joint and make preparations to skid rig and cement off-line. At this time: Skid rig over to SABINE C 3-H.

Eı	ng. 1:	Mil	ke W	ashb	urn	Eı	ng. 2:	Adolf	o Roman	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Pl	none:	36	61-94	5-57	77	Pl	hone:	956-8	321-9994	Phone:	432-686-7361	Phone:	-			
W 1	P 1	Y 1	g 1	G 1	р 1	A 1	S 1	O	carefully	and may be	ecommendation, exp used if the user so ation, and this is a r	elects, however,	, no representati	nas been prepared on is made as to the	\$3,246.80	\$3,246.80
												INCLUDI	NG 3RD PAR	TY CHARGES	\$3,246.80	\$3,246.80

MATERIAL CONSUMPTION

Date 01/15/21	Operator MAGI	NOLIA OIL	& GAS	Well Name a	ind No. ABINE B 2-	Н	Rig Name ar	nd No. 48	Report No.	ort #1
01/13/21		USAGE 8			ADINE D Z-			1		LATIVE
			Previous		Closing	Daily	D 11 D 4		Cum	
ltem	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost		Usage	Cum Cos
SAPP (50) PHPA LIQUID (pail)	50# sk 5 gal	\$44.56 \$41.36		104 62	74 62	30	\$1,336.80	1	30	\$1,336.80
EVO-LUBE	gal	\$14.00		550	550			1		1
NEW GEL (PREMIUM)	100# sk	\$19.75		70				1		
ALUMINUM TRISTEARATE	25# sk	\$162.83		19				1		
								1		
CACL2 (50)	50# sk	\$14.32								
LIME (50)	50# sk	\$5.00						1		
OPTI - G	50# sk	\$30.59						4		
BENTONE 38 (50)	50# sk	\$163.94						1		_
BENTONE 910 (50)	50# sk	\$59.40						1		<u> </u>
BENTONE 990 (50)	50# sk	\$83.59						1		_
OPTI - MUL OPTI - WET	gal	\$10.75 \$8.34						1		
NEW PHALT	gal 50# sk	\$38.72						1		-
OIL SORB (25)	25# sk	\$4.75						†		
	20# 3N	ψ-7.13						1		<u> </u>
								1		<u> </u>
								1		<u> </u>
								1		<u> </u>
NEW CARB (M)	50# sk	\$5.25						1		1
CYBERSEAL	25# sk	\$21.47						1		
MAGMAFIBER F (25)	25# sk	\$28.05								
MAGMAFIBER R (30)	30# sk	\$28.05								
VARISEAL	50# sk	\$26.50								
FIBER PLUG	30# sk	\$30.37								
NUT PLUG M (50)	50# sk	\$12.04								
								1		
								1		
								4		
NEW WATE (SACK BARITE)	100# sk	\$11.50						1		
BARITE BULK (100)	100# sk	\$7.00						1		
								1		
								1		
								1		1
								1		
								1		
								1		
								1		
]		
]		
OPTI DRILL (OBM)	bbl	\$65.00]		
								1		
DISCOUNTED OBM	bbl	\$15.00						1		
								1		
								1		
								1		
								4		
								4		-
								+		
	-							1		-
	-							1		
ENGINEERING (24 HR)	each	\$925.00	<u> </u>			າ	\$1,850.00	†	2	\$1,850.00
ENGINEERING (DIEM)	bbl	\$30.00				2			2	
ENGINEERING (MILES)	each	\$1.00					20.00	1		\$55.50
, -,		, 120						1		1
								1		
	 							1		
			l	İ	 		İ	1		1
TRUCKING (cwt)	each	\$2.65								
TRUCKING (cwt) TRUCKING (min)	each each	\$2.65 \$795.00						1		
TRUCKING (min)								-		
TRUCKING (min)	each	\$795.00								
PALLETS (ea)	each each	\$795.00 \$12.00						- - -		

THIRD PARTY COST SHEET

Date	Operator			Well Name a	nd No.		Rig Name an	d No.	Report No.	
01/15/21	MAG	NOLIA OIL	& GAS	S	ABINE B 2	-Н	24	48	Repo	ort #1
				<u> </u>			<u> </u>			
	DAILY	USAGE 8	COST						CUMUI	_ATIVE
			.		01 :	D. 11			-	
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
TUDDO OUEM / FIDOT DEODONOS	05# -1-	044.75								
TURBO CHEM / FIRST RESPONSE	25# sk	\$41.75								
		<u></u>	<u></u>	<u></u>	<u> </u>	<u></u>				
							I			
								. !		
	Cum	ulative Tota	al AES & 3re	d Party \$3	246.80					
	Juli									

TEL: (337) 394-1078

OUTSOURCE FLUID SOLUTIONS LLC.

12.4° 6,423' TVD

Operator				Contractor			County / Parish /	Block		Engineer S	Start Date		24 hr ft	g.		Drilled De	epth	
	NOLIA (OIL & G	SAS		TTERSO	ON	_	IINGTO	N		1/14/2			3,739 ft			,64	3 ft
	SABINE	В 2-Н		Rig Name ar	248			EXAS			1/14/2	21		665 ft/hr			rilli	•
Report for	Gwin/	Kevin I	Rurt	Report for	ol Pusi	ner	Field / OCS-G #	DIGNS		Fluid Type	OBM			_{ting Rate} 891 gpm		Circulatin 5	-	psi
Bobby			TY SPECIF	l		10.		LUME (BE	RI Y		PUMP #			PUMP #2	•			OSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	•	3 bbl	Liner S		5.25	Liner		25	Liner S		5.25
8.8-12	5-20	7-13	>400	±250K	<10 <15	<8	In Hole		7 bbl	Stroke		12	Stro		2	Strok		12
			1	1/30/21	1/29/21	1/29/21	Active		0 bbl	bbl/st		0.0763	bbl/		763	bbl/s		0.0763
Time Sample	Taken			2:30	20:18	11:00	Storage		7 bbl	stk/m		139	stk/		39	stk/m		
Sample Locati				suction	suction	suction	•	cation 329		gal/m	iin	445	gal/	min 4	45	gal/m	in	0
Flowline Temp		=		142 °F	125 °F		F	PHHP = 278	38		CIRC	ULATIO	N DA	TA	ļ			< = 197.766
Depth (ft)				6,469'	4,076'	2,904'	Bit I	Depth = 6,6	643 '			shout =			Pump	Efficier	ncy =	95%
Mud Weight (p	opg)			9.3	9.2	8.9	Delli Otele e	Volume	to Bit	133.0	bbl	Strokes 1	Го Bit	1,743		Time To		6 min
Funnel Vis (se	ec/qt)		@ 121 °F	43	44	47	Drill String Disp.	Bottoms U	lp Vol.	463.7	bbl B	ottomsUp	Stks	6,076	Bottor	nsUp T	ime	22 min
600 rpm	.,			31	28	30	36.8 bbl	TotalCi	rc.Vol.	1259.7	bbl	TotalCirc	.Stks	16,507	Total	Circ. T	ime	59 min
300 rpm				20	17	19		DRILLIN						s	OLIDS	CON.	ΓRΟΙ	L
200 rpm				16	13	15	Tubulars	OD (in.)	ID	(in.)	Lengt	h To	р	Unit		Scree	ns	Hours
100 rpm				12	9	11	Drill Pipe	5.000	4.	680	6,041	' 0)'	Shaker	1	140)	10.5
6 rpm				5	4	5	Hevi Wt	5.000	3.	.000	274'	6,0	41'	Shaker	2	140)	10.5
3 rpm				4	5	4	Collars	6.500	2.	875	188'	6,3	15'	Shaker	3	140)	10.5
Plastic Viscosi	ity (cp)		@ 150 °F	11	11	11	Dir. BHA	8.000	2.	.000	140'	6,5	03'	NOV Drying Si	hakers	140)	10.5
Yield Point (lb/	/100 ft²)		T0 = 3	9	6	8		CASIN	IG & I	HOLE D	ATA							
Gel Strength (lb/100 ft²)	10	sec/10 min	5/9	4/7	5/8	Casing	OD (in.)	ID	(in.)	Depth	n To	р	Centrifug	je 1	NO\	/	2.0
Gel Strength (lb/100 ft ²)		30 min	11	9	10	Riser							VOLUN	IE AC	COUN	ΓING	(bbls)
HTHP Filtrate	(cm/30 m	in)	@ 250 °F	6.4	6.8	6.8	Surface	10 3/4	9.	950	2,893	' 0)'	Prev. T	otal o	n Loca	tion	267.8
HTHP Cake T	hickness	(32nds)		2.0	2.0	2.0	Int. Csg.					0)'	Transfe	erred Ir	n(+)/Ou	ıt(-)	2692.0
Retort Solids (Content			10.8%	10%	9%	Washout 1								Oil	Added	(+)	469.1
Corrected Soli	ds (vol%)			9%	8.5%	7.2%	Washout 2							ı	Barite	Added	(+)	0.0
Retort Oil Con	tent			66.7%	66%	70.5%	Oper	Hole Size	9.	875	6,643	!		Other Pr	oduct	Usage	(+)	27.8
Retort Water (Content			22.5%	24%	20.5%	ANI	NULAR GE	ОМЕ	TRY & F	RHEOL	OGY		١	Nater	Added	(+)	60.0
O/W Ratio				75:25	73:27	77:23	annular	· me	eas.	veloci	ity flo	ow EC	D	Le	ft on C	uttings	s (-)	-212.5
Whole Mud Ch	nlorides (n	ng/L)		46,000	40,000	45,000	section	de	epth	ft/mii	n re	eg lb/g	gal		Evap/	Cent/ I	Pits	-7.5
Water Phase	Salinity (p	pm)		242,760	207,197	256,071		•										
Whole Mud Al	kalinity, P	om		1.9	1.7	2.5	9.95x5	2,8	393'	295.	1 tu	rb 10.	03	Est. T	otal o	n Loca	ion	3296.7
Excess Lime (lb/bbl)			2.5 ppb	2.2 ppb	3.3 ppb	9.875x5	5 6,0	041'	301.	1 tu	rb 10.	28	Est. Los	ses/Ga	ains (-)	/(+)	0.0
Electrical Stab	ility (volts)		442 v	363 v	378 v	9.875x5	6,3	315'	301.	1 tu	rb 10.	74	BIT	HYDR	AULIC	S DA	ATA
Average Spec	ific Gravit	y of Solids	S	2.88	2.90	2.77	9.875x6.	5 6,	503'	395.	1 tu	rb 11.	20	Bit H.S.I.	Bit .	ΔP	Nozzle	es (32nds)
Percent Low G	Gravity So	lids		6.3%	5.8%	5.5%	9.875x8	6,6	643'	651.0	6 tu	rb 11.	72	2.08	306	psi	16	16 16
ppb Low Grav	ity Solids			52 ppb	48 ppb	45 ppb								Bit Impact	Noz Velo		14	14 14
Percent Barite	1			2.7%	2.7%	1.7%								Force	(ft/s		14	14 14
ppb Barite				39 ppb	39 ppb	25 ppb	BIT D	ATA	Ма	anuf./Typ	ре	Ulterra_6	313	823 lbs	19	2		
Estimated Total	al LCM in	System	ppb				Size	Depth In	Н	ours	Footag	ge ROP	ft/hr	Motor/M	WD	Calc.	Circ.	Pressure
Sample Taker	Ву			R. Bowlin	R. Bowlin	M. Meehan	9 7/8	2,808 ft	1	0.5	3,835	ft 365	5.2	2,900 բ	osi	5	,357	psi

Remarks/Recommendations:

OBM RECEIVED: 2942bbls

OBM ON SURFACE--- 2700bbls (Storage + Active)

OBM LOSS__(Daily)___Total (0)

MWD Temp: 199 Deg.

Rig Activity:

Skid to B-2H, tested BOP's and PU the 9.875" BHA. TIH to the float at 2,808'MD, drilled the shoe track and 10' of new formation. Pref FIT to 11.6ppg EMW with a 9.2ppg MW with 352PSI. At the time of the am report drilling ahead at 6,643MD. Pumping 10bbls/ 12.5ppb LCM laden sweeps every 3rd stand. Continued aggressive additions of diesel at 10-32bph. Diesel usage reflects the volumes used to blend 9.8ppg in the frac to a 9.0ppg (126bbls) and the reconditioning of the active surface volume to 8.8ppg. Pretreated with Mul. Wet, CaCl2, Opti-G and Lime for drill out. Chemical treatments will be made to maintain the drilling fluid within the recommended parameters. Began drill H2O additions at ,6,639'MD 03:35hrs

	ng. 1: hone:			leeha 1-756			ng. 2: none:		Bowlin 90-1055	WH 1: Phone:	MIDLAND 432-686-7361	WH 2: Phone:	WH #2 -	Rig Phone:	Daily Total	Cumulative Cost
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	as been prepared on is made as to the	\$12,846.92	\$16,093.72
												INCLUDI	NG 3RD PAR	TY CHARGES	\$47,338.14	\$50,584.94

110 Old Market St.

St Martinville, LA 70582

TEL: (337) 394-1078

12.4° 7,797' TVD

Operator	10111	\II ^	0.4.0	Contractor		\.\.	County / Parish		o		er Start Date	24 hr	-		Drilled De		0.64
Well Name and No	NOLIA O	JIL &	GAS	PAT Rig Name ar	TERSO	Ν	WASI State	HINGT	UN	Spud Da	01/14/21		1,407 ft		Activity	3,05	U ft
	SABINE I	B 2-H	ł	. sig ivaille di	248			EXAS		l .	ate 01/14/21		571 ft/hi		,	Drill	ing
Report for				Report for			Field / OSC-G			Fluid Ty	•	Circu	lating Rate		Circulatir	-	
Bobby	Gwin/ k	Kevin	Burt	То	ol Push	ner	GIE	DIGNS	3		OBM		891 gpm	1	5,	131	psi
	MUD F	PROPE	ERTY SPECI	FICATION	IS		MUD VC	DLUME (BBL)		PUMP #1		PUMP #2		RISE	R BC	OSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	5	58 bbl	Liner	Size 5.	25 Line	er Size 5.	25	Liner S	Size	5.25
8.8-12	5-20	7-13	3 >400	±250K	<10 <15	<8	In Hole	7	26 bbl	Stro	ke 1	2 St	roke 1	2	Strok	ке	12
	MU	JD PR	OPERTIES	1			Active	12	284 bbl	bbl/s	stk 0.0	763 bi	ol/stk 0.0	763	bbl/s	tk	0.0763
Time Sample	Taken			2:30	20:18	11:00	Storage	e <u>20</u>)17 bbl	stk/r	min 1	39 st	k/min 1	39	stk/m	nin	
Sample Locat	ion			suction	suction	suction	Tot. on Loc	cation 33	301 bbl	gal/r	min 4	45 ga	ıl/min 4	45	gal/m	nin	
Flowline Temp	perature °F	=		142 °F	125 °F	148 °F	Mud Wt. =	= 9.3 F	V=11	YP:	=9 CI	RCULATION	ON DATA		n = 0.0	632	K = 197.8
Depth (ft)				6,469'	4,076'	8,050'	Bit I	Depth = 8	3,050 '		Wash	out =		Pump	Efficie	ncy =	95%
Mud Weight (ppg)			9.3	9.2	9.3	Drill String	Volun	ne to Bit	162.9	bbl St	okes To B	it 2,135	-	Time To	o Bit	8 min
Funnel Vis (se	ec/qt)		@ 121 °F	43	44	42	Disp.	Bottoms	Up Vol.	562.8	B bbl Botto	msUp Stk	s 7,375	Bottor	msUp T	ime	27 min
600 rpm				31	28	28	41.0 bbl	Total	Circ.Vol.	1283.	7 bbl To	talCirc.Stk	s 16,823	Total	l Circ. T	ime	61 min
300 rpm				20	17	18		DRILLI	NG AS	SEMBI	LY DATA		S	OLIDS	S CON	TRO	_
200 rpm				16	13	14	Tubulars	OD (in.) ID	(in.)	Length	Тор	Unit		Scree	ens	Hours
100 rpm				12	9	11	Drill Pipe	5.000	4.6	680	7,448'		Shake	1	140)	12.0
6 rpm				5	5	5	Hevi Wt	5.000	3.0	000	274'	7,448'	Shake	2	140)	12.0
3 rpm				4	4	4	Collars	6.500	2.8	875	188'	7,722'	Shake	. 3	140)	12.0
Plastic Viscos	sity (cp)		@ 150 °F	11	11	10	Dir. BHA	8.000	2.0	000	140'	7,910'	NOV Drying S	hakers	140)	12.0
Yield Point (lb	/100 ft²)		T0 = 3	9	6	8		CAS	ING &	HOLE	DATA						
Gel Strength	(lb/100 ft²)	1	0 sec / 10 min	5/9	4/7	5/8	Casing	OD (in.) ID	(in.)	Depth	Тор	Centrifuç	ge 1	NO	V	1.0
Gel Strength	(lb/100 ft2))	30 min	11	9	10	Riser						VOLUN	IE AC	COUN	TING	(bbls)
HTHP Filtrate	(cm/30 mi	in)	@ 250 °F	6.4	6.8	6.0	Surface	10 3/4	9.9	950	2,893'		Prev. T	otal o	n Loca	tion	3296.7
HTHP Cake T	hickness ((32nds	·)	2.0	2.0	2.0	Int. Csg.						Transfe	erred I	n(+)/Oı	ut(-)	
Retort Solids	Content			10.8%	10%	11%	Washout 1							Oil	Added	l (+)	88.1
Corrected Sol	ids (vol%)			9%	8.5%	9.2%	Washout 2							Barite	Added	l (+)	
Retort Oil Cor	ntent			66.7%	66%	68.5%	Open	Hole Siz	ze 9.8	875	8,050'		Other Pr	oduct	Usage	(+)	
Retort Water	Content			22.5%	24%	20.5%	ANI	NULAR (GEOME	TRY 8	RHEOLO	GY	,	Water	Added	l (+)	15.9
O/W Ratio				75:25	73:27	77:23	annula	ır		velo	city flow	ECD	Le	ft on C	Cuttings	s (-)	-80.0
Whole Mud C	hlorides (n	ng/L)		46,000	40,000	46,000	section		depth	ft/m		lb/gal		Evap/	Cent/	Pits	
Water Phase	Salinity (p	pm)		242,760	207,197	260,280								Lost F	Returns	s (-)	-20.0
Whole Mud A	Ikalinity, Po	om		1.9	1.7	2.5	9.95x5	5 2	2,893'	295	5.1 turb	9.96	Est. T	otal o	n Loca	tion	3300.7
Excess Lime				2.5 ppb	2.2 ppb	3.3 ppb	9.875x	5 7	,448'	301		10.14	Est. Los			-	0.0
Electrical Stat	, ,)		442 v	363 v	454 v	9.875x		,722'	301		10.54			AULIC	. ,	
Average Spec			olids	2.88	2.90	2.87	9.875x6		, 910'	395		10.95	Bit H.S.I.	Bit			es (32nds)
Percent Low (6.3%	5.8%	6.5%	9.875x		3,050'	651		11.40	2.08	306	-	16	16 16
ppb Low Grav				52 ppb	48 ppb	53 ppb					,			Noz		14	14 14
Percent Barite	•			2.7%	2.7%	2.7%							Bit Impact Force	Velo	city	14	14 14
ppb Barite				39 ppb	39 ppb	39 ppb	BIT D	DATA	Ma	ınuf./Ty	/pe l llt	erra_613	823 lbs	19	-		
					-2 660	Size	Depth I	-	ours	Footage	ROP ft/h				Circ	Pressure	
Estimated Total LCM in System Sample Taken By				R Rowlin	R. Bowlin	M. Meehan	9 7/8	2,808 f		9.0	5,242 ft	275.9	2,500			5,131	
Sample Takel	. Dy			A. DOWNIN	5044111	woonall	3 1/0	<u>_,000 1</u>	. '		∪, <u>∟</u> ¬∠ II	210.0	2,000	-01		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	P-01

Afternoon Remarks/Recommendations:

Pump a 10 bbl LCM sweep every 300 ft. Sweep Contains:

10 ppb Newcarb, 10 ppb Newphalt and 10 ppb Magnafiber fine

Afternoon Rig Activity:

Drilling ahead and sliding as needed to maintain the angle in the vertical section. Pumping a 10 bbl LCM sweep every 300 ft. At 8000 ft. begin adding 10 sx per hour of NewCarb and First Response to the system to reduce seepage losses. Lowered the HTHP fluid loss with additions of Opti-G. Increased the chloride concentration with additions of Calcium Chloride.

TEL: (337) 394-1078

OUTSOURCE FLUID SOLUTIONS LLC.

3.8° 10,014' TVD

Operator MAGI Well Name and No.	NOLIA (OIL &	GAS	Contractor PA1 Rig Name ar	TTERSO	ON	County / Parish / WASH	Block	N	Engineer Start I 01/1 Spud Date	Pate 4/21	24 hr f	3,672 ft		10,3	315 ft	t
	SABINE	B 2-F	1	rtig rtaine ai	248			EXAS		•	4/21	Ourier	0 ft/hr	,	-	Circ	
Report for				Report for			Field / OCS-G #			Fluid Type			ating Rate		Circulating Pi	essure	
Bobby	Gwin/	Kevir	n Burt	То	ol Pusi	ner	GID	DIGNS		OE	BM		891 gpn	n	5,24	5 ps	; i
	MUD	ı	ERTY SPECIF	l	l		MUD VO	LUME (BE	BL)	PUM	IP #1		PUMP #2		RISER E	300ST	ΓER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	66	3 bbl	Liner Size	5.25	Line	r Size 5.	.25	Liner Size	5.2	25
8.8-12	5-20	7-13	>400	±250K	<10 <15	<8	In Hole	96	2 bbl	Stroke	12	Str	oke 1	12	Stroke	1.	2
				1/31/21		1/30/21	Active	162	24 bbl	bbl/stk	0.0763	B bb	l/stk 0.0	763	bbl/stk	0.0	763
Time Sample	Taken			2:45		11:00	Storage	<u> 176</u>	89 bbl	stk/min	139	stk	/min 1	39	stk/min		
Sample Locati	on			suction		suction	Tot. on Loc	cation 339	94 bbl	gal/min	445	gal	l/min 4	45	gal/min	(0
Flowline Temp	erature °F	F		165 °F		148 °F	F	PHHP = 27	26	C	RCULAT	ION DA	ATA	İ	n = 0.663	K = 19	€5.972 35.972
Depth (ft)				10,284'		8,050'	Bit C	Depth = 10	,303 '		Washout	= 2%		Pump E	Efficiency	= 95%	, 5
Mud Weight (p	opg)			9.5		9.3	Drill String	Volume	e to Bit	210.9 bbl	Strok	es To Bit	2,763	Т	ime To Bi	10 ו	min
Funnel Vis (se	c/qt)		@ 140 °F	43		42	Disp.	Bottoms U	Jp Vol.	749.9 bbl	Bottoms	Up Stks	9,828	Bottom	nsUp Time	35 ו	min
600 rpm				38		28	47.8 bbl	TotalC	irc.Vol.	1623.7 bbl	Total	Circ.Stks	21,278	Total	Circ. Time	77 1	min
300 rpm				24		18		DRILLIN	G ASS	SEMBLY DA	ATA		S	OLIDS	CONTR	OL	
200 rpm				17		14	Tubulars	OD (in.)	ID	(in.) Le	ngth	Тор	Unit		Screens	Ho	urs
100 rpm				12		11	Drill Pipe	5.000	4.	680 9,	701'	0'	Shake	r 1	140	24	1.0
6 rpm				5		5	Hevi Wt	5.000	3.	000 2	74'	9,701'	Shake	r 2	140	24	4.0
3 rpm				4		4	Collars	6.500	2.	875 1	88'	9,975'	Shake	r 3	140	24	1.0
Plastic Viscosi	ity (cp)		@ 150 °F	14		10	Dir. BHA	8.000	2.	000 1	40' 1	0,163'	NOV Drying S	Shakers	140	24	1.0
Yield Point (lb/	/100 ft²)		T0 = 3	10		8		CASII	NG & I	HOLE DATA	١						
Gel Strength (lb/100 ft²)		10 sec/10 min	5/10		5/8	Casing	OD (in.)	ID	(in.) De	epth	Тор	Centrifuç	ge 1	NOV	3.	.0
Gel Strength (lb/100 ft ²)		30 min	12		10	Riser						VOLUN	IE ACC	OUNTIN	G (bbl	ls)
HTHP Filtrate	(cm/30 m	in)	@ 250 °F	6.0		6.0	Surface	10 3/4	9.	950 2,	393'	0'	Prev. 1	Total on	Location	32	296.7
HTHP Cake T	hickness	(32nds)	1	2.0		2.0	Int. Csg.					0'	Transfe	erred In	(+)/Out(-		
Retort Solids (Content			11.8%		11%	Washout 1							Oil A	Added (+)	4	438.2
Corrected Soli	ds (vol%)			10%		9.2%	Washout 2							Barite /	Added (+)		0.0
Retort Oil Con	tent			67.7%		68.5%	Oper	Hole Size	10	.073 10	315'		Other P	roduct l	Jsage (+		19.5
Retort Water (Content			20.5%		20.5%	ANI	NULAR GI	EOME	TRY & RHE	OLOGY		,	Water A	Added (+)		81.0
O/W Ratio				77:23		77:23	annular	r m	eas.	velocity	flow	ECD	Le	eft on C	uttings (-)	-2	289.5
Whole Mud Ch	nlorides (n	ng/L)		45,000		46,000	section		epth	ft/min	1	lb/gal		Evap/	Cent/ Pits		-65.2
Water Phase	Salinity (p	pm)		256,071		260,280				I.				;	Seepage		-86.8
Whole Mud Al	kalinity, P	om		1.8		2.5	9.95x5	2,	893'	295.1	turb	9.76	Est. 7	Γotal on	Location	33	393.8
Excess Lime (lb/bbl)			2.3 ppb		3.3 ppb	10.073x	5 9,	701'	285.6	turb	9.75	Est. Los	ses/Ga	ins (-)/(+		0.0
Electrical Stab	oility (volts))		438 v		454 v	10.073x	5 9,	975'	285.6	turb	9.74	BIT	HYDR	AULICS	DATA	
Average Spec	ific Gravit	y of Sol	ids	2.95		2.87	10.073x6	5.5 10	,163'	368.8	turb	9.75	Bit H.S.I.	Bit A	AP Noz	zles (32	2nds)
Percent Low G		-		6.5%		6.5%	10.073x	8 10	,303'	582.9	turb	9.78	2.12	312	psi 16	16	16
ppb Low Grav	ity Solids			54 ppb		53 ppb							Bit Impact	Nozz		14	14
Percent Barite	-			3.5%		2.7%							Force	Veloc (ft/se	city	14	14
ppb Barite				50 ppb		39 ppb	BIT D	ATA	Ma	anuf./Type	Ulterr	a_613	841 lbs	192	<i>′</i>		
			n ppb				Size	Depth In		- 1		OP ft/hr	Motor/M	 	Calc. Cir	c. Pres	sure
	Sample Taken By			R. Bowlin	0	M. Meehan	9 7/8	2,808 ft				231.0	2,500			6 psi	
	,			<u> </u>	<u> </u>		Dia Activity		1			-	,	•	-,,-	•	

Remarks/Recommendations:

OBM RECEIVED: 2942bbls

OBM ON SURFACE__ 2432bbls (Storage + Active)

OBM LOSS__Daily (0)__Total (0)

MWD Temp: Deg: 250 Deg.

TD at 03:53hrs

Rig Activity:

Continued drilling ahead from 6,643'MD to 10,303MD, pumping 10bbl/ 12.5ppb LCM laden sweeps every 3rd connection. At 8,000'MD began back ground LCM additions hourly in the suction of 5sx each First Response and NewCarb Ulti-Mix due to known seepage losses at this depth. Minimal losses observed, LCM additions with preplanned sweeps proved beneficial. Increased the active density to 9.4ppg by 9,000'MD and 9.5ppg by 9,400'MD and maintained here. Continued aggressive diesel additions at 10-30bph and drill H2O at 1.97-2.68bph to maintain density and hole volume. 9.0ppg cement displacement volume has been built in the frac tanks, blended 372bbls 9.9ppg with 146bbls of diesel and 30bbls of drill H2O.

Eı	ng. 1:	Λ	∕latt N	1eeha	an	Er	ng. 2:	Rob	Bowlin	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
PI	none:	98	85-35	1-75	61	Pł	none:	228-9	990-1055	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		o elects, however	, no representati	nas been prepared on is made as to the	\$6,845.34	\$22,939.06
												INCLUDI	NG 3RD PAR	TY CHARGES	\$41,703.05	\$92,287.99

110 Old Market St. St Martinville, LA 70582

TEL: (337) 394-1078

17.1° 3,196' TVD

Operator MAGN	IOLIA OI	186/	1	Contractor	TERSO	NNI	County / Parisl	h / Block HING	TON.	_	Start Date 1/14/21	24 h	ftg. 12 1	F4		Depth 10,3	15 ft	
Well Name and No.		L & G	43	Rig Name ar		N N	State	HING	ION	Spud Date			ent ROP	Tt .	Activit	•	15 11	<u>. </u>
S	ABINE B	2-H		Ü	248		Т	EXAS	;	· .	1/14/21					РО	ОН	
Report for				Report for			Field / OSC-G			Fluid Type		Circu	lating Rate		Circula	ting Pre	ssure	
Bobby	Gwin/ Ke	evin B	urt	То	ol Push	ner	GIE	DDIGN	IS		ОВМ							
	MUD PR	ROPERT	Y SPECII	FICATION	IS		MUD VO	DLUME	(BBL)	P	PUMP #1		PUMP	#2	RIS	ER B	OOST	ΓER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	3	630 bbl	Liner S	size 5	25 Lin	er Size	5.25	Line	r Size	5.2	25
8.8-12	5-20	7-13	>400	±250K	<10 <15	<8	In Hole	е	983 bbl	Strok	e '	2 S	troke	12	Str	oke	1:	2
	MUE	PROPE	ERTIES				Active)	920 bbl	bbl/st	tk 0.0	763 b	bl/stk	0.0763	bb	/stk	0.07	763
Time Sample	Taken			2:45		11:00	Storag	e <u>´</u>	1769 bbl	stk/m	in	st	k/min		stk	/min		
Sample Locati	on			suction		suction	Tot. on Loc	cation 3	3382 bbl	gal/m	in	ga	al/min		gal	/min		
Flowline Temp	erature °F			165 °F			Mud Wt. =	= 9.5	PV=14	YP=1	0 C I	RCULATI	ON DAT	A	n =	0.663	K = 1	96.0
Depth (ft)				10,284'		10,315'	Bit I	Depth =	3,283 '		Wash	out = 2%		Pum	p Effic	iency :	= 95%	6
Mud Weight (p	opg)			9.5		9.6	Drill String	Volu	ume to Bit	61.5 b	obl St	rokes To B	it		Time	To Bit		
Funnel Vis (se	ec/qt)		@ 140 °F	43		44	Disp.	Bottom	ıs Up Vol.	228.5	bbl Bott	omsUp Stk	s	Bot	tomsUp	Time		
600 rpm				38		35	26.7 bbl	Tota	alCirc.Vol.	920.0	bbl To	otalCirc.Stk	s	То	tal Circ	Time		
300 rpm				24		22		DRILL	ING AS	SEMBL	Y DATA			SOLI	DS CO	NTRO	L	
200 rpm				17		17	Tubulars	OD (ir	n.) ID	(in.)	Length	Тор	ı	Jnit	Scr	eens	Ho	urs
100 rpm				12		12	Drill Pipe	5.00	0 4.6	680	2,681'		Sha	aker 1	1	40	3.	.0
6 rpm				5		5	Hevi Wt	5.00	0 3.0	000	274'	2,681'	Sha	aker 2	1	40	3.	.0
3 rpm				4		4	Collars	6.50	0 2.8	875	188'	2,955'	Sha	aker 3	1	40	3.	.0
Plastic Viscos	ity (cp)		@ 150 °F	14		13	Dir. BHA	8.00	0 2.0	000	140'	3,143'	NOV Dry	ing Shaker	s 1	40	3.	.0
Yield Point (lb.	/100 ft²)		T0 = 3	10		9		CA	SING &	HOLE D	ATA							
Gel Strength (lb/100 ft²)	10 se	c / 10 min	5/10		6/9	Casing	OD (ir	n.) ID	(in.)	Depth	Тор	Cent	rifuge 1	N	OV		
Gel Strength (lb/100 ft2)		30 min	12		12	Riser						VO	LUME A	ccou	NTING	€ (bbl	is)
HTHP Filtrate	(cm/30 min)	@ 250 °F	6.0		6.0	Surface	10 3/	4 9.9	950	2,893'		Pre	v. Total	on Lo	ation	33	393.9
HTHP Cake T	hickness (3	2nds)		2.0		2.0	Int. Csg.						Tra	nsferred	d In(+)/	Out(-)		
Retort Solids (Content			11.8%		12%	Washout 1							C	Dil Adde	ed (+)		
Corrected Soli	ds (vol%)			10%		10.2%	Washout 2							Bari	te Add	ed (+)		
Retort Oil Con	tent			67.7%		67.5%	Open	Hole S	Size 10.	.073	10,315'		Othe	r Produ	ct Usa	ge (+)		
Retort Water (Content			20.5%		20.5%	AN	NULAR	GEOME	TRY &	RHEOL	OGY		Wat	er Add	ed (+)		
O/W Ratio				77:23		77:23	annula	·		veloc	ity flow	ECD		Left or	n Cuttin	gs (-)		-0.9
Whole Mud Cl	nlorides (mg	g/L)		45,000		45,000	section		depth	ft/mi	-	lb/gal		Eva	p/ Cen	/ Pits		
Water Phase	Salinity (ppr	m)		256,071		256,071				<u> </u>	!	<u> </u>			See	page		-10.8
Whole Mud Al	kalinity, Por	m		1.8		2.0	9.95x	5	2,681'		lam	9.50	E:	st. Total	on Loc	ation	33	382.1
Excess Lime (2.3 ppb		2.6 ppb	9.95x	5	2,893'		lam	9.50		Losses/				0.0
Electrical Stab				438 v		425 v	10.073	x5	2,955'		lam	9.50	-	BIT HYD		., .,	ATA	
Average Spec		of Solids	,	2.95		3.02	10.073x		3,143'		lam	9.50	Bit H.		Bit ΔP		les (32	 2nds)
Percent Low G				6.5%		6.3%	10.073		3,283'		lam	9.50				16	16	16
ppb Low Grav		•		54 ppb		52 ppb			, - -				B.: :	N	ozzle	14	14	14
Percent Barite				3.5%		3.9%							Bit Imp	pact Ve	elocity t/sec)	14	14	14
ppb Barite	•			50 ppb		57 ppb	RIT F	DATA	Ma	nuf./Typ	ne III	erra_613	-		, 3 5 6)	1-7	<i>₁</i> → <i>q</i>	-
	al I CM in S	vstem		oo ppu		o. ppu	Size	Depth		1	Footage	ROP ft/h	r Moto	or/MWD	Cald	. Circ.	Pres	SUITE
	timated Total LCM in System			R. Bowlin		M. Meehan	9 7/8	2,808			7,507 ft	231.0	IVIOLO	,,,,viv V D	Jail	Gilc.		Juit
Afternoon Rema				. v. DOWIIII		modriall	Afternoon R	<u> </u>			.,	201.0					ادم	

Pump a 10 bbl LCM sweep every 300 ft. Sweep Contains:

10 ppb Newcarb, 10 ppb Newphalt and 10 ppb Magnafiber fine

Afternoon Rig Activity:

Drilled to section TD at 10315 ft. Pumped two 30 bbl LCM sweeps and circulated the hole clean. POOH while laying down pipe. Will rig up and run casing.

TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

0.4° 9,293' TVD

Operator				Contractor			County / Parish /	Block		Engineer S	Start Date	24	hr ftg.			Drilled [Depth		
MAG	NOLIA (OIL & C	SAS	PA	TERSO	N	WASH	HINGTO	V	0	1/14/2 ⁻	1				•	10,3	15 f	t
Well Name and No		B O II		Rig Name ar			State			Spud Date		-	urrent R	OP		Activity	0	:	
Report for	SABINE	В 2-Н		Report for	248		Field / OCS-G #	EXAS		Fluid Type	1/14/2		rculating	g Rate		Circulat	un C		ng
Bobby	Gwin/	Kevin I	Burt	To	ol Pusi	ner	GID	DIGNS			ОВМ		(0 gpm					
	MUD	PROPER	RTY SPECIF	ICATION	s		MUD VO	LUME (BB	L)	F	PUMP #1		Р	UMP #2		RISI	ER B	oos	TER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	607	bbl 7	Liner S	Size 4	1.75 L	iner S	ize 4.7	75	Liner	Size		
8.8-12	5-20	7-13	>400	±250K	<10 <15	<8	In Hole	923	3 bbl	Strok	е	12	Stroke	e 1:	2	Stro	ke		
		l		2/1/21		1/31/21	Active	145	6 bbl	bbl/st	tk 0.	0625	bbl/st	k 0.06	625	bbl/	stk	0.0	0000
Time Sample	Taken			2:00		11:00	Storage	e <u>176</u>	9 bbl	stk/m	in	0	stk/mi	in ()	stk/r	min		
Sample Locati	ion			suction		suction	Tot. on Lo	cation 329	9 bbl	gal/m	in	0	gal/m	in ()	gal/ı	min		0
Flowline Temp	perature °F							PHHP = 0			CIRCU	LATION	DATA	4		n = 0	.692	K = 1	77.275
Depth (ft)				10,315'		10,315'	Bit I	Depth = 9,5	582 '		Was	hout = 3	%	F	oump	Efficie	ency =	= 95%	6
Mud Weight (opg)			10.1		9.6	D : 11 O : :	Volume	to Bit	440.0	bbl s	Strokes To	Bit			Time 1	Γο Bit		
Funnel Vis (se	ec/at)		@ 82 °F	60		44	Drill String Disp.	Bottoms U	p Vol.	409.2	bbl Bot	tomsUp S	Stks		Bottor	msUp	Time		
600 rpm				42		35	101.2 bbl		•	1456.2		otalCirc.S				l Circ.			
300 rpm				26		22		DRILLING						S	OLIDS			L	
200 rpm				19		17	Tubulars			(in.)	Length	Top		Unit		Scre			ours
100 rpm				15		12	Casing			875	9,582'	0'		Shaker	1	14			6.0
6 rpm				6		5	Cuonig	7.020	0.	0.0	0,002	9,582	2'	Shaker		14			5.0
3 rpm				5		4						9,582		Shaker		14			5.0
Plastic Viscos	ity (cp)		@ 150 °F	16		13						9,582		OV Drying Sh		14			5.0
Yield Point (lb.			T0 = 4	10		9		CASIN	IC & L	HOLE D	ΛTΛ	9,302		OV Diying Si	iakeis	14	Ю	·	.0
Gel Strength (10	sec/10 min	6/11		6/9	Casing			(in.)	Depth	Top		Centrifug	10 1	NC	1 1/		
	•	10	30 min	13		12		, ,	טו	(111.)	Берит	ТОР	' -					\ /L L	
Gel Strength (•	:\	@ 250 °F	6.2		6.0	Riser Surface	10 3/4	0	950	2,893'	0'		VOLUM					393.9
HTHP Filtrate	•		@ 250 F					10 3/4	9.	950	2,093			Prev. T				3	393.9
HTHP Cake T		(32nds)		2.0		2.0	Int. Csg.					0'		Transfe		. ,	()		40.4
Retort Solids (14%		12%	Washout 1							_		Adde	` '		18.1
Corrected Sol				12.3%		10.2%	Washout 2		4.0		10.045				Barite		` '		7.0
Retort Oil Con				66%		67.5%		n Hole Size		.171	10,315'			Other Pro		Ū	` '		0.0
Retort Water	Content			20%		20.5%	ANI	NULAR GE	OME	IRY&F	RHEOLO	IGY T			Vater		` '		
O/W Ratio				77:23		77:23	annulai section		eas. pth	veloc ft/mi	-				ft on C		, , ,		0.0
Whole Mud C	•	-		43,000		45,000	30011011	ı de	Pui	101111	11 105	, 15/gc		Evap	o, Pits				-40.0
Water Phase				252,134		256,071										Seep	Ū		-80.1
Whole Mud Al		om		1.7		2.0	9.95x7.6	,	393'	0.0				Est. T			-	3	298.8
Excess Lime ((lb/bbl)			2.2 ppb		2.6 ppb	10.171x7.	625 9,5	582'	0.0	lan	10.1	0	Est. Loss	ses/Ga	ains (-	-)/(+)		0.0
Electrical Stab	-			411 v		425 v									HYDR	1			
Average Spec			S	3.17		3.02							E	Bit H.S.I.	Bit .	-			2nds)
Percent Low 0	Gravity So	lids		6.5%		6.3%							L	0.00	•	si	16	16	16
ppb Low Grav				53 ppb		52 ppb							В	it Impact	Noz Velo		14	14	14
Percent Barite)			5.8%		3.9%							_	Force	(ft/s	, j	14	14	14
ppb Barite				83 ppb		57 ppb	BIT D	ATA	Ма	anuf./Typ	oe U	Iterra_61		0 lbs	0				<u> </u>
Estimated Tot	al LCM in	System	ppb				Size	Depth In		ours	Footage	ROP fi	t/hr	Motor/M\	WD	Calc.	Circ.	Pres	ssure
Sample Taker	п Ву			R. Bowlin	0	M. Meehan	9 7/8	2,808 ft	3:	2.5	7,507 ft	231.	0	psi					
Remarks/Reco	ommendation	ons:					Rig Activity:												
OBM REC	EIVED:	2942b	bls																
OBM ON S	SURFAC	E 243	2bbls (Stor	age + Ac	tive)		Tripped	out of the	hole I	aving d	own the	5" drill «	strina	. LD dire	ctions	al: R⊦	IA. C	han	iaed
OBM LOS	SDaily	(0)T	otal (0)				out DP ra	ams for ca 5" interme 2.5ppg slug	ising i	rams ar casing	nd teste to 9,582	d the sai 2'MD. D	me. I ensity	RU Franl / increas	ks ca	sing o	crew	and	ran
3	Matt Meeha			Bowlin	WH 1:	MIDLA		WH 2:	WH#	2	Rig Ph	one:	D	aily Total		Cu	ımulat	ive C	ost
	85-351-756			990-1055 Any opii	Phone:	432-686 recommenda	-7361 P	hone: d orally or wri	tten he	rein, has	been pren	ared	œ.	3,670.00		¢	26,60)a n4	6
W P Y 1 1 1	E C 1 1	g G 1 1	H O 1 1	carefully	and may be	e used if the	user so elects,	, however, no	repres				φ,	J,U1 U.UU		φ	۷,0۱ ــــــــــــــــــــــــــــــــــــ	,	

INCLUDING 3RD PARTY CHARGES

\$4,992.40

\$97,280.39

110 Old Market St.

St Martinville, LA 70582

TEL: (337) 394-1078

MAGNOLIA OIL & GAS PATTERSON WASHINGTON 01/14/21 10,315 ft Current ROP **SABINE B 2-H** 01/14/21 WOC **TEXAS** Report for ield / OSC-G # Fluid Type Circulating Rate **Bobby Gwin/ Kevin Burt Tool Pusher GIDDIGNS** OBM **MUD PROPERTY SPECIFICATIONS** MUD VOLUME (BBL) PUMP #1 PUMP #2 RISER BOOSTER P\/ ΥP E.S. CaCl2 **GELS** In Pits Weight HTHP 738 bbl Liner Size 4.75 Liner Size 4.75 Liner Size 8.8-12 5-20 7-13 >400 ±250K <10 <15 <8 In Hole 474 bbl Stroke 12 Stroke 12 Stroke **MUD PROPERTIES** 738 bbl 0.0625 0.0625 bbl/stk bbl/stk bbl/stk Active Time Sample Taken 2:00 11:00 1958 bbl Storage stk/min stk/min stk/min Tot on Location 3170 bbl gal/min Sample Location suction suction gal/min gal/min Mud Wt. = 10.1 Flowline Temperature °F PV=16 YP=10 **CIRCULATION DATA** n = 0.692 K = 177.3 Depth (ft) 10.315 10.315 Washout = 3% Pump Efficiency = 95% Mud Weight (ppg) 10.1 9.8 Volume to Bit Strokes To Bit Time To Bit Drill String @ 82 °F 48 Funnel Vis (sec/qt) 60 Bottoms Up Vol. BottomsUp Stks BottomsUp Time 600 rpm 42 38 TotalCirc.Vol. 738.0 bbl TotalCirc.Stks Total Circ. Time DRILLING ASSEMBLY DATA SOLIDS CONTROL 300 rpm 26 24 200 rpm 19 18 Tubulars OD (in.) ID (in.) Top Unit Screens Hours Length 100 rpm 15 14 Casing Shaker 1 140 6 6 Shaker 2 140 6 rpm 5 5 Shaker 3 3 rpm 140 @ 150 °F 16 14 NOV Drying Shakers 140 Plastic Viscosity (cp) 10 10 **CASING & HOLE DATA** Yield Point (lb/100 ft2) T0 = 6/10 OD (in.) NOV Gel Strength (lb/100 ft2) 10 sec / 10 min 6/11 Casing ID (in.) Depth Top Centrifuge 1 **VOLUME ACCOUNTING (bbls)** 30 min 13 13 Gel Strength (lb/100 ft2) Riser HTHP Filtrate (cm/30 min) @ 250 °F 6.2 62 Surface 10 3/4 9.950 2.893' 3298.9 Prev. Total on Location 2.0 2.0 7 5/8 6.875 10,315 HTHP Cake Thickness (32nds) Int. Csg. Transferred In(+)/Out(-) Retort Solids Content 14% 12.5% Oil Added (+) Washout 1 12.3% 10.8% Corrected Solids (vol%) Washout 2 Barite Added (+) 66% 66.5% Retort Oil Content 10.315 Open Hole Size Other Product Usage (+) 20% 21% **ANNULAR GEOMETRY & RHEOLOGY** Retort Water Content Water Added (+) O/W Ratio 77.23 76:24 Left on Cuttings (-) ECD annulai velocity depth section ft/min reg lb/gal Whole Mud Chlorides (mg/L) 43.000 45,000 Evap, Pits, Tripping -39.3 252,134 251,507 Seepage -90.0 Water Phase Salinity (ppm) 1.7 1.5 3169.6 Whole Mud Alkalinity, Pom Est. Total on Location Excess Lime (lb/bbl) 2.2 ppb 2 ppb Est. Losses/Gains (-)/(+) 0.0 398 v **BIT HYDRAULICS DATA** Electrical Stability (volts) 411 v Nozzles (32nds) 3.17 3.14 Bit H.S.I. Average Specific Gravity of Solids Bit AP Percent Low Gravity Solids 6.5% 5.9% #DIV/0! #DIV/0! ppb Low Gravity Solids 53 ppb 49 ppb Nozzle Bit Impac Velocitv Percent Barite 5.8% 4.8% (ft/sec) **BIT DATA** ppb Barite 83 ppb 69 ppb Manuf./Type Ulterra 613 #DIV/0! Size Depth In Hours Footage ROP ft/hi Motor/MWD Calc. Circ. Pressure Estimated Total LCM in System M. Meehar #DIV/0! Sample Taken By R. Bowlin Afternoon Remarks/Recommendations: Afternoon Rig Activity: Pump a 10 bbl LCM sweep every 300 ft. Sweep Contains: Ran 7 5/8" casing to bottom at 10315 ft. Circulated the casing. Cemented in 10 ppb Newcarb, 10 ppb Newphalt and 10 ppb Magnafiber fine casing. Displaced the casing with 9.0 ppg mud. Dumped 39 bbl of spacer

contaminated mud at surface. Rolling the mud pits and lowering the mud wt. with the centrifuge and additions of diesel to 8.7 ppg. Will blend with the mud in

the hole to drill out with 8,8 ppg mud.

OUTSOURCE FLUID SOLUTIONS LLC.

TEL: (337) 394-1078

0.2° 149' TVD

Operator MAGI	NOLIA (OIL & (GAS	Contractor PA	TERSO	ON	County / Parish /	Block	ON	Engineer Start	t Date	24 hr f	tg.		Orilled De		5 ft
Well Name and No.		5011		Rig Name ar			State	=>/ 4 0		Spud Date	4.4/0.4	Currer	nt ROP	А	activity		
Report for	SABINE	В 2-Н		Report for	248		Field / OCS-G #	EXAS		01/	14/21	Circula	ating Rate	C	Pirculating		HA sure
	Gwin/	Kevin	Burt	Тс	ol Pusi	her	GID	DIGNS	;		вм		0 gpm				
	MUD	PROPE	RTY SPECIF	ICATION	s		MUD VO	LUME (E	BL)	PUI	MP #1		PUMP #2		RISE	ВО	OSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	7-	47 bbl	Liner Size	4.7	5 Line	r Size 4.	75	Liner S	ze	
8.8-12	5-20	7-13	>400	±250K	<10 <15	<8	In Hole	4	70 bbl	Stroke	12	2 Str	oke 1	2	Stroke	•	
			•	2/2/21		2/1/21	Active	7	50 bbl	bbl/stk	0.06	25 bb	l/stk 0.0	625	bbl/st	<	0.0000
Time Sample	Taken			2:30		11:00	Storage	e <u>24</u>	157 bbl	stk/min	0	stk	/min	0	stk/mi	n	
Sample Locati	on			suction		suction	Tot. on Lo	cation 36	74 bbl	gal/min	0	gal	/min	0	gal/mi	n	0
Flowline Temp	erature °l	=						PHHP =	0	C	CIRCUL	ATION DA	ΛTA	i	n = 0.6	37 k	ζ = 86.176
Depth (ft)				10,315'		10,315'	Bit	Depth =	149 '		Washo	out = 2%		Pump E	Efficien	cy =	95%
Mud Weight (p	ppg)			8.6		9.8	Drill String	Volun	ne to Bit	0.6 bbl	Stro	kes To Bit		Т	ime To	Bit	
Funnel Vis (se	c/qt)		@ 68 °F	40		48	Disp.	Bottoms	Up Vol.	2.5 bbl	Botto	msUp Stks		Bottom	nsUp Ti	me	
600 rpm				14		38	3.8 bbl	Total	Circ.Vol.	750.0 bb	I Tot	alCirc.Stks		Total	Circ. Ti	me	
300 rpm				9		24		DRILLI	NG ASS	SEMBLY D	ATA		S	OLIDS	CONT	ROL	-
200 rpm				6		18	Tubulars	OD (in.) ID	(in.) Lo	ength	Тор	Unit		Scree	าร	Hours
100 rpm				5		14	Drill Pipe	4.500	3.	826	0'	0'	Shaker	1	170		4.0
6 rpm				3		6	Agitators	5.000	2.	000		0'	Shaker	2	170		4.0
3 rpm				2		5						0'	Shaker	. 3	170		4.0
Plastic Viscos	ity (cp)		@ 150 °F	5		14	Dir. BHA	5.500	2.	000	149'	0'	NOV Drying S	hakers	140		4.0
Yield Point (lb.	/100 ft²)		T0 = 1	4		10		CAS	ING & I	HOLE DAT	Ά						
Gel Strength (lb/100 ft²)	10	0 sec/10 min	3/5		6/10	Casing	OD (in.) ID	(in.)	Depth	Тор	Centrifuç	ge 1	NOV		7.5
Gel Strength (lb/100 ft ²)		30 min	6		13	Riser						VOLUN	IE ACC	COUNT	ING	(bbls)
HTHP Filtrate	(cm/30 m	in)	@ 250 °F	8.4		6.2	Surface	10 3/4		2	2,893'	0'	Prev. T	otal on	Locati	on	3298.9
HTHP Cake T	hickness	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	875 10	0,294'	0'	Transfe	erred In	(+)/Ou	(-)	367.0
Retort Solids (Content			7%		12.5%	Washout 1							Oil A	Added	(+)	188.5
Corrected Soli	ds (vol%)			5.6%		10.8%	Washout 2							Barite /	Added	(+)	0.0
Retort Oil Con	tent			75.5%		66.5%	Oper	n Hole Siz	e 6.	.885 10	0,315'		Other Pr	roduct l	Jsage	(+)	0.0
Retort Water (Content			17.5%		21%	AN	NULAR C	SEOME	TRY & RH	EOLOG	Y	,	Water A	Added	(+)	
O/W Ratio				81:19		76:24	annula		neas.	velocity	flow	ECD	Le	ft on C	uttings	(-)	0.0
Whole Mud Cl	nlorides (r	ng/L)		36,000		45,000	section	1 (depth	ft/min	reg	lb/gal	Int	er/ Spa	icer/ C	ent	-109.0
Water Phase	Salinity (p	pm)		243,901		251,507								;	Seepa	ge	-71.6
Whole Mud Al	kalinity, P	om		1.3		1.5	6.875x4	.5	0'	0.0	lam	8.60	Est. 7	otal on	Locat	on _	3673.8
Excess Lime (lb/bbl)			1.7 ppb		2 ppb	6.875x5	.5	149'	0.0	lam	8.60	Est. Los	ses/Ga	ins (-)/	(+)	0.0
Electrical Stab	ility (volts)		460 v		398 v							BIT	HYDR	AULIC	S DA	·ΤΑ
Average Spec	ific Gravit	y of Solid	ds	2.98		3.14							Bit H.S.I.	Bit ∆	ΔP N	ozzle	s (32nds)
Percent Low 0	Gravity So	lids		3.6%		5.9%							0.00	ps	si 1	8	18 18
ppb Low Grav	ity Solids			29 ppb		49 ppb							Bit Impact	Nozz Veloc		8	18 18
Percent Barite	1			2%		4.8%							Force	(ft/se	-		
ppb Barite				29 ppb		69 ppb	BIT D	ATA	Ma	anuf./Type	SE	C 64H	0 lbs	0			
Estimated Tot	al LCM in	System	ppb				Size	Depth I	n Ho	ours Fo	ootage	ROP ft/hr	Motor/M	WD	Calc. 0	Circ.	Pressure
Sample Taker	в Ву			R. Bowlin	0	M. Meehan	6 3/4	10,294	ft								
Remarks/Reco	mmendati	one:					Rig Activity:										

OBM RECEIVED: 3309bbls Rec. 367bbls/ 16.0ppg

OBM ON SURFACE__ 3404bbls (Storage + Active)

OBM LOSS__Daily (0)__Total (0)

Finished running the 7.625" casing to bottom setting the shoe at 10,294'MD. Circulated 1.5 times casing volume, RU Nine cementers and cemented in good fashion. Observed good returns during the entire cement job and dumped 25bbls of interface and 14bbls spacer. Floats didnt hold and the decision was made to WOC for 3 hours. Performed a full BOP test and began to PU the direction al BHA. Processed the active with NOV centrifuge and diesel dilutions to decrease the active density to 8.6ppg, this volume will be blended with the 9.0ppg casing displacment volume to achieve 8.8-8.9ppg for drill out. Redressed shakers with API-170's, due to lower pump rates that will be 350-400GPM

Е	ng. 1:	Λ	/latt N	1eeha	ın	Er	ng. 2:	Rob	Bowlin	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Р	hone:	98	85-35	1-756	51	Pł	none:	228-9	90-1055	Phone:	432-686-7361	Phone:	-			
W 0	P 1	Y 0	E 1	C 1	g 1	G 1	H 2	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	\$1,910.00	\$28,519.06
												INCLUDI	NG 3RD PAR	TY CHARGES	\$15,688.12	\$112,968.51

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

37.5°

10,387' TVD

TEL: (337) 394-1078

Operator MAG Well Name and No	NOLIA	OIL &	GAS	PA1 Rig Name ar	TTERSO	ON	County / Parish / WASH	HINGTO	N	Or Spud Date	1/14/2 ⁻	1	460 ft		Drilled D Activity		75 ft
	SABINE	B 2-H	İ	Rig Name ar	1d No. 248			EXAS		l -	1/14/2 [.]		90 ft/h	r	,	ina	Curve
Report for				Report for			Field / OCS-G #			Fluid Type		-	ulating Rate	•	Circulatir		
Bobby	/ Gwin/	Kevin	Burt	To	ol Pusi	ner	GID	DIGNS			OBM		394 gpı	n	4,	266	psi
	MUD	PROPE	RTY SPECIF	ICATION	S		MUD VO	LUME (BI	BL)	Р	PUMP #1		PUMP #	2	RISE	R BC	OOSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	81	9 bbl	Liner S	Size 4	4.75 Lii	ner Size 4	1.75	Liner	Size	
8.6-12	5-20	7-13	>400	±250K	<10 <15	<8	In Hole	43	34 bbl	Stroke	е	12	Stroke	12	Strok	ке	
	•		1	2/3/21	2/2/21	2/2/21	Active	12	50 bbl	bbl/st	tk 0.	0625 I	obl/stk 0.	0625	bbl/s	tk	0.0000
Time Sample	Taken			3:00	18:25	11:00	Storage	245	57 bbl	stk/m	in	75 s	tk/min	75	stk/m	nin	
Sample Locat	ion			shaker	suction	suction	Tot. on Loc	cation 37	10 bbl	gal/m	in	197	al/min	197	gal/m	nin	0
Flowline Temp	perature °	F		98 °F	97 °F			PHHP = 97	79	ı	CIRCU	ILATION I	DATA		n = 0.	556	K = 269.819
Depth (ft)				10,713'	10,317'	10,315'	Bit C	epth = 10	,713 '		Was	shout = 4%	5	Pump	Efficie	ncy =	95%
Mud Weight (ppg)			8.7	8.9	8.6	Drill String	Volum	e to Bit	150.3	bbl s	Strokes To	Bit 2,405		Time T	o Bit	16 min
Funnel Vis (se	ec/qt)		@ 98 °F	45	44	41	Disp.	Bottoms l	Up Vol.	280.3	bbl Bo	ttomsUp St	ks 4,487	Botto	msUp 1	Time	30 min
600 rpm				25	23	17	62.2 bbl	TotalC	irc.Vol.	1249.5	bbl	TotalCirc.St	ks 20,004	Tota	l Circ. 7	Time	133 min
300 rpm				17	15	11		DRILLIN	IG ASS	SEMBLY	DATA			SOLID	S CON	TRO	L
200 rpm				13	12	8	Tubulars	OD (in.)	ID	(in.)	Length	Тор	Uni	t	Scree	ens	Hours
100 rpm				9	8	6	Drill Pipe	4.500	3.	826	10,511'	0'	Shake	er 1	170)	24.0
6 rpm				5	4	4	Agitator	5.000	2.	000	53'	10,511	' Shake	er 2	170)	24.0
3 rpm				4	3	3						10,564	' Shake	er 3	170)	24.0
Plastic Viscos	ity (cp)		@ 150 °F	8	8	6	Dir. BHA	5.500	2.	000	149'	10,564	NOV Drying	Shakers	140)	24.0
Yield Point (lb	/100 ft²)		T0 = 3	9	7	5		CASI	NG & F	HOLE D	ATA						
Gel Strength ((lb/100 ft²)	1	0 sec/10 min	5/9	4/7	4/6	Casing	OD (in.)	ID	(in.)	Depth	Тор	Centrifu	ıge 1	NO	V	1.0
Gel Strength ((lb/100 ft ²)		30 min	11	9	8	Riser						VOLU	ME AC	COUN	TING	(bbls)
HTHP Filtrate	(cm/30 m	in)	@ 300 °F	6.8	6.8	7.0	Surface	10 3/4			2,893'	0'	Prev.	Total o	n Loca	tion	3673.8
HTHP Cake T	hickness	(32nds)		2.0	2.0	2.0	Int. Csg.	7 5/8	6.	875	10,294'	0'	Trans	ferred I	n(+)/O	ut(-)	
Retort Solids	Content			7.5%	7.6%	7%	Washout 1							Oil	Added	l (+)	22.9
Corrected Sol	ids (vol%)			5.6%	6.1%	5.6%	Washout 2							Barite	Added	l (+)	0.0
Retort Oil Cor	ntent			69.5%	74.4%	75%	Oper	Hole Size	e 7.	020	10,775'		Other F	Product	Usage	(+)	17.3
Retort Water	Content			23%	18%	18%	ANI	NULAR G	EOME	TRY & F	RHEOLO	GY		Water	Added	l (+)	38.5
O/W Ratio				75:25	81:19	81:19	annular	r m	ieas.	veloci	ity flov	v ECD	L	eft on (Cutting	s (-)	-22.0
Whole Mud C	hlorides (r	mg/L)		48,000	38,000	37,000	section	d	epth	ft/mii	n reg	g lb/gal		Evap/	Pits/ C	ent	-21.0
Water Phase	Salinity (p	pm)		246,564	248,708	243,758									Seepa	age	
Whole Mud A	lkalinity, P	om		2.1	2.0	1.8	6.875x4.	.5 10	,294'	357.0	0 turl	9.53	Est.	Total o	n Loca	tion	3709.5
Excess Lime	(lb/bbl)			2.7 ppb	2.6 ppb	2.3 ppb	7.02x4.	5 10),511'	332.	3 turl	9.61	Est. Lo	sses/G	ains (-)	/(+)	0.0
Electrical Stat	oility (volts)		408 v	385 v	442 v	7.02x5	10	,564'	397.	3 turl	9.70	ВП	HYDR	RAULIC	S D	ATA
Average Spec	ific Gravit	y of Soli	ds	2.76	3.23	2.95	7.02x5.	5 10),713'	506.8	8 turl	9.80	Bit H.S.I	Bit	ΔΡ	Nozzl	es (32nds)
Percent Low (Gravity So	lids		4.3%	3.1%	3.7%							0.36	56	psi	18	18 18
ppb Low Grav	rity Solids			35 ppb	25 ppb	30 ppb							Bit Impac	Noz		18	18 18
Percent Barite)			1.3%	3.1%	1.9%							Force	Velo	-		
ppb Barite				19 ppb	44 ppb	27 ppb	BIT D	ATA	Ma	anuf./Typ	oe S	SEC 64H	150 lbs	8	5		
Estimated Tot	al LCM in	System	ppb				Size	Depth In	Н	ours	Footage	ROP ft/	nr Motor/N	MWD	Calc.	Circ.	Pressure
Sample Taker	n By			R. Bowlin	R. Bowlin	M. Meehan	6 3/4	10,294 ft	t 1	0.0	481 ft	48.1	2,800	psi	4	4,263	psi
Remarks/Reco	ommendati	ons:					Rig Activity:		•			•	•				

OBM RECEIVED: 3309bbls Rec. 367bbls/ 16.0ppg

OBM ON SURFACE__ 3276bbls (Storage + Active)

OBM LOSS__Daily (0)__Total (0)

MWD Temp: 252 Deg.

Finished PU the 4.5" drill string/ TIH, tagged float equipment at 10,203'MD and drilled the shoe track plus 10' of new formation. Performed a FIT to 13.0ppg EMW with 8.7ppg active circulating density at 2235-PSI. Continued drilling on the build section to 10,775'MD at the time of the am report. Made drill H2O additions at 4.28bph for 9hrs to increase the water percentage in the system, proportional additions of CaCl2 were made to maintain the WPS within spec. Chemical additions will continue to be made to maintain the fluid within the recommended parameters. Maintaining MW at 8.7ppg currently. No sweeps until curve section is landed.

Е	ng. 1:	N	1att N	1eeha	an	Eı	ng. 2:	Rob	Bowlin	WH 1:	MIDLA	.ND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Р	none:	98	35-35	1-75	61	PI	hone:	228-9	990-1055	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 representation	nas been prepared on is made as to the	\$7,396.81	\$35,915.87
													INCLUDI	NG 3RD PAR	TY CHARGES	\$8,875.81	\$121,844.32

Report #8

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

90.0°

10,563' TVD

TEL: (337) 394-1078

_	NOLIA	OIL & G	SAS		TERSO	ON		Block	ON		1/14/2	1	nr ftg. 2,838	ft		13,6	13 ft
	SABINE	В 2-Н		Rig Name ar	248			EXAS		_	1/14/2 ⁻	1	rent ROP	/hr		_G L	ATERAL
JAMES [YFR/II	IM HAR	RISON	Report for	ol Pusi	ner	Field / OCS-G #	DIGNS	:	Fluid Type	ОВМ	Circ	ulating Rate	nm .		ting Pre	ssure psi
JAMEOL			TY SPECIF			101	MUD VO				PUMP #1		PUMP		-		OOSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits		92 bbl	Liner S			ner Size	4.75		Size	
8.6-12	5-20	7-13	>400	±265K	<10 <15	<8	In Hole		645 bbl	Strok			Stroke	12	Stro		
	0 -0	1	1	2/4/21		2/3/21	Active		237 bbl	bbl/s				0.0625		/stk	0.0000
Time Sample	Taken			3:00		14:30	Storage	2	457 bbl	stk/m			stk/min	76	stk/	min 'min	
Sample Locat				suction		shaker	Tot. on Loc			gal/m	nin	199 g	al/min	199	gal/	min 'min	0
Flowline Temp		 F		135 °F		101 °F		PHHP = 1		Ü		LATION I			n = ().617	K = 163.477
Depth (ft)				13,551'		12,085'	Bit D	Depth = 1	3,613 '			hout = 1%		Pum	p Effici	ency =	= 95%
Mud Weight (opg)			8.9		8.8	Daill Chain a	Volui	me to Bit	191.5	bbl s	Strokes To	Bit 3,066	3	Time	To Bit	20 min
Funnel Vis (se	ec/qt)		@ 112 °F	40		43	Drill String Disp.	Bottoms	s Up Vol.	353.0	bbl Bot	tomsUp St	ks 5,652	2 Bott	omsUp	Time	37 min
600 rpm				23		25	78.0 bbl	Total	Circ.Vol.	1236.5	bbl 7	otalCirc.St	ks 19,79	6 Tot	al Circ.	Time	130 min
300 rpm				15		18		DRILLI	NG ASS	SEMBLY	/ DATA			SOLIE	os co	NTRO	L
200 rpm				11		14	Tubulars	OD (in	.) ID	(in.)	Length	Тор	U	nit	Scre	eens	Hours
100 rpm				9		10	Drill Pipe	4.500	3.	826	13,411'	0'	Sha	ker 1	17	70	24.0
6 rpm				5		6	Agitator	5.000	2.	000	53'	13,411	' Sha	ker 2	17	70	24.0
3 rpm				4		5						13,464	.' Sha	ker 3	17	70	24.0
Plastic Viscos	ity (cp)		@ 150 °F	8		7	Dir. BHA	5.500	2.	000	149'	13,464	.' NOV Dryir	ng Shakers	: 14	40	24.0
Yield Point (lb	/100 ft²)		T0 = 3	7		11		CAS	SING & I	HOLE D	ATA						
Gel Strength (lb/100 ft²)	10	sec/10 min	5/8		4/8	Casing	OD (in	.) ID	(in.)	Depth	Тор	Centr	ifuge 1	N	VC	6.0
Gel Strength (lb/100 ft ²)		30 min	11		10	Riser						VOL	UME A	ccou	NTING	(bbls)
HTHP Filtrate	(cm/30 m	in)	@ 250 °F	7.0		6.4	Surface	10 3/4	ļ		2,893'	0'	Prev	/. Total	on Loc	ation	3709.2
HTHP Cake T	hickness	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	875	10,294'	0'	Tran	sferred	In(+)/0	Out(-)	
Retort Solids	Content			10%		8%	Washout 1							0	il Adde	ed (+)	90.1
Corrected Sol	ids (vol%)			8.1%		6.2%	Washout 2							Barit	e Adde	ed (+)	0.0
Retort Oil Cor	itent			70%		71%	Oper	n Hole Si	ze 6.	818	13,613'		Other	Produc	t Usag	je (+)	12.8
Retort Water	Content			20%		21%	ANI	NULAR (GEOME	TRY & I	RHEOLO	GY		Wate	r Adde	ed (+)	60.0
O/W Ratio				78:22		77:23	annular	r	meas.	veloc	tity flow	v ECD		Left on	Cuttin	gs (-)	-128.1
Whole Mud C	hlorides (r	ng/L)		48,000		47,000	section	1	depth	ft/mi	in reg	g lb/gal		Evap	/ Pits/	Cent	-50.4
Water Phase	Salinity (p	pm)		273,435		259,781									Seep	oage	
Whole Mud A	kalinity, P	om		3.5		2.1	6.875x4.	.5 1	0,294'	361.	8 turl	9.79	Es	t. Total	on Loc	ation	3693.5
Excess Lime (lb/bbl)			4.6 ppb		2.7 ppb	6.818x4.	.5 1	3,411'	372.	6 turl	10.10	Est. L	osses/0	Gains (-)/(+)	0.0
Electrical Stat	ility (volts)		535 v		455 v	6.818x5	5 1	3,464'	454.	.9 turl	10.22	В	IT HYD	RAUL	ICS D	ATA
Average Spec	ific Gravit	y of Solids	S	2.54		2.86	6.818x5.	.5 1	3,613'	602.	0 turl	10.38	Bit H.S	i.l. Bi	it ∆P	Nozz	es (32nds)
Percent Low 0	Gravity So	lids		7.2%		4.4%							0.38	59) psi	18	18 18
ppb Low Grav	ity Solids			59 ppb		36 ppb							Bit Impa	act _{Ve}	ozzle locity	18	18 18
Percent Barite	•			0.9%		1.8%							Force	2	/sec)		
ppb Barite				12 ppb		26 ppb	BIT D	ATA	Ma	anuf./Typ	pe S	SEC 64H	158 lb		86		
Estimated Tot	al LCM in	System	ppb				Size	Depth		ours	Footage			/MWD	Calc		Pressure
Sample Taker	п Ву			A. ROMAN	0	M Washburb	6 3/4	10,294	ft 1	0.0	481 ft	48.1	2,80	0 psi		4,673	B psi
Remarks/Reco	mmendati	ons:					Rig Activity:										

OBM RECEIVED: 3309bbls Rec. 367bbls/ 16.0ppg

OBM ON SURFACE__ 3149bbls (Storage + Active)

OBM LOSS__Daily (-15bbl)__Total (-15bbl)

MWD Temp: 252 Deg.

In the past 24hrs: We continue drilling (Rotating & Sliding) ahead 6-3/4" hole in lateral section. Maintain 8.8ppg active circulating density. Pump LCM sweeps 10ppb (MagmaFiber/New Carb/1st Response/NewPhalt) Pump 10bbls every 300' of new hole. Pump rate maintain at 400gpm taking returns through the Choke Manifold with 0 casing pressure, Full returns at this time. Additions of CaCl2 were made to maintain the WPS within spec. Water and Diesel additions at 3&5bph respectively. Chemical additions will continue to maintain the fluid within the recommended parameters. At the time of report: Drilling ahead passing 13613'; changing out rotating head.

E	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
F	hone:	3	61-94	5-57	77	Pł	none:	956-8	321-9994	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 user		er, no representat	has been prepared ion is made as to the	\$9,482.60	\$45,398.47
												INCLUE	DING 3RD PAR	TY CHARGES	\$15,682.83	\$137,527.15

MATERIAL CONSUMPTION

Date 02/04/21	Operator MAGI	NOLIA OIL		Well Name a	ind No. ABINE B 2-	-Н	Rig Name an	Report No. Repo	ort #8
	DAILY	USAGE 8	k COST						LATIVE
			Previous		Closing	Daily		Cum	
Item	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost	Usage	Cum Cos
SAPP (50)	50# sk	\$44.56	10		10			30	\$1,336.80
PHPA LIQUID (pail)	5 gal	\$41.36	60		60				
EVO-LUBE	gal	\$14.00	550		550				
NEW GEL (PREMIUM) ALUMINUM TRISTEARATE	25# sk	\$162.83	70 19		70 19				
ALOWINGW TRIOTEARATE	25# 38	ψ10Z.03	19		19				
24010 (70)	50".1	*	100		50	70	* 4 000 40	407	*
CACL2 (50) LIME (50)	50# sk 50# sk	\$14.32 \$5.00	126 100		56 50	70 50	\$1,002.40 \$250.00	427 256	\$6,114.64 \$1,280.00
OPTI - G	50# sk	\$30.59	40		20	20	\$611.80	140	\$4,282.60
BENTONE 38 (50)	50# sk	\$163.94							. ,
BENTONE 910 (50)	50# sk	\$59.40	15		15			22	\$1,306.80
BENTONE 990 (50)	50# sk	\$83.59	20		15	5	\$417.95	37	\$3,092.83
OPTI - MUL	gal	\$10.75	440		220	220	\$2,365.00	385	• •
OPTI - WET	gal	\$8.34	275		275	10	¢207.20	220	· '
NEW PHALT OIL SORB (25)	50# sk 25# sk	\$38.72 \$4.75	65 40		55 40	10	\$387.20	45	\$1,742.40
BENTONE 42 (50)	50# sk	\$327.26	40		35	5	\$1,636.30	5	\$1,636.30
NewCarb UltiMix	50# sk	\$6.35	57		30	27	\$171.45	50	\$317.50
NEW CARB (M)	50# sk	\$5.25	102		102			45	\$236.25
CYBERSEAL	25# sk	\$21.47							
MAGMAFIBER F (25)	25# sk	\$28.05	152		142	10	\$280.50	36	\$1,009.80
MAGMAFIBER R (30)	30# sk	\$28.05	20						
VARISEAL FIRED DI LIC	50# sk	\$26.50	20		20				
FIBER PLUG NUT PLUG M (50)	30# sk 50# sk	\$30.37 \$12.04	55		55				
COTTON SEED HULLS (50)	50# sk	\$12.04	156		156				
00110110222110220(00)	00 0.1	V.2.20							
NEW WATE (SACK BARITE)	100# sk	\$11.50	180		180			100	# 700.00
BARITE BULK (100)	100# sk	\$7.00	1450		1450			100	\$700.00
OPTI DRILL (OBM)	bbl	\$65.00	2878		2878				
DISCOUNTED OBM	bbl	\$10.00	79		79				
		ψ10.00							
Magnolia Owned OBM	bbl		400		385	15		110	
Magnolia Owned LGS	bbl		352		352				
- 3	l l							ļ	
ENGINEERING (24 HR)	each	\$925.00				2			
ENGINEERING (24 HR) ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00	14	\$420.00
ENGINEERING (24 HR)									\$420.00
ENGINEERING (24 HR) ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00	14	\$420.00
ENGINEERING (24 HR) ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00	14	\$420.00
ENGINEERING (24 HR) ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00	14	\$420.00 \$1,049.00
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES) TRUCKING (cwt) TRUCKING (min)	bbl each	\$30.00 \$1.00 \$2.65 \$650.00				2	\$60.00	14	\$420.00 \$1,049.00 \$1,060.00 \$650.00
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES) TRUCKING (cwt) TRUCKING (min) PALLETS (ea)	each each each	\$30.00 \$1.00 \$2.65 \$650.00 \$12.00				2	\$60.00	14 1049 400 1 11	\$1,060.00 \$650.00 \$132.00
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES) TRUCKING (cwt) TRUCKING (min)	each each	\$30.00 \$1.00 \$2.65 \$650.00				2	\$60.00	14 1049 400	\$420.00 \$1,049.00 \$1,060.00 \$650.00

THIRD PARTY COST SHEET

Date	Operator			Well Name a	ınd No.		Rig Name an	d No.	Report No.	
02/04/21	MAGI	NOLIA OIL	& GAS	S	ABINE B 2	-Н	24	48	Repo	ort #8
	DAILY	USAGE 8	k COST	·			ı		CUMU	LATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
TURBO CHEM / FIRST RESPONSE	25# sk	\$41.75	265		265			-	75	\$3,131.25
TURBO CHEM SYNSEAL	25# sk	\$85.00	100		100					
TRUBO CHEM PALLETS & SHRINK WRAP	each	\$40.00						_	8	\$320.00
OBM_D Skid Vol	gal	\$1.74							19278	\$33,543.72
OBM_D 1/29/21	gal	\$1.75							7000	\$12,250.00
Diesel 1/30/21	gal	\$1.74							3500	\$6,090.00
OBM_D 1/30/21 (2)	gal	\$1.74							7003	\$12,185.22
OBM_D 1/30/21 (3)	gal	\$1.74							7001	\$12,181.74
OBM_D 1/31/21	gal	\$1.74	3502			3502	\$6,093.48		7000	\$12,180.00
OBM_D 2/1/21	gal	\$1.75	6920		6859	61	\$106.75		141	\$246.75
Diesel Delivery 2/3/21	gal	\$1.82		7207	7207					
								<u> </u>		
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	1	<u>I</u>	<u> </u>	<u> </u>	Doile C	ub Total *	200.22		600.4	29.69
					Daily S	ub-Total \$6	5,∠00.23		\$92,1	28.68
						 I		_		
	Cumu	ılative Total	AES & 3rd	Party \$137	,527.15					
	<u> </u>					ļ				

FLUID VOLUME ACCOUNTING

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: SAB

SABINE B 2-H

					WEEK 1							WEEK 2							WEEK 3			
	Date	1/30/21	1/31/21	2/1/21	2/2/21	2/3/21	2/4/21	2/5/21	2/6/21	2/7/21	2/8/21	2/9/21	2/10/21	2/11/21	2/12/21	2/13/21	2/14/21	2/15/21	2/16/21	2/17/21	2/18/21	2/19/21
		Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Bit Size	9 7/8	9 7/8	9 7/8	6 3/4	6 3/4	6 3/4															
Grand	Starting Depth	2,894	6,643	10,303	10,315	10,315	10,775	13,613														
Totals	Ending Depth	6,643	10,303	10,315	10,315	10,775	13,613	,														
	Footage Drilled	3,749	3,660	12	-	460	2,838	-			-	_	_	_	-	_	_	_	_	-	_	-
	New Hole Vol.	356	347	1		20	126	-									_	_	_			-
650		•							2.004					2.004					2.004			
77	Starting System Volume Chemical Additions	2,942	3,279	3,394	3,299	3,673	3,714	3,694	3,694	3,694	3,694	3,694	3,694	3,694	3,694	3,694	3,694	3,694	3,694	3,694	3,694	3,694
	Base Fluid Added	28 469	20 438	18	189	17 23	13 90															
	Barite Increase	409	430	7	109	23	- 90															
	Weighted Mud Added			1	367		-															
-	Slurry Added				307																	
		60	81			39	60															
	Added for Washout	- 00	18			- 00	-															
1,935		557	557	25	556	79	163	_		_	_	_			_			_	_	_		_
	Surface Losses		56	40	330	13	25	-	 	-		-	-	-	 	_	<u> </u>	_	-	-	-	+ -
	Formation Loss	8	87	80	72	13	- 25						-	-	-							
	Mud Loss to Cuttings	213	290	60	12	22	128															
	Unrecoverable Volume	213	290		25	22	-															
	Centrifuge Losses		9		84	3	30															
			1																			
1,184	Total Losses	221	442	120	181	38	183	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Mud Transferred Out																					
3,694	Fu dia a Cretana Valona			1			2 22 4	0.004			1	1	1	i								1
-,	Ending System Volume	3,279	3,394	3,299	3,673	3,714	3,694	3,694	3,694	3,694	3,694	3,694	3,694	3,694	3,694	3,694	3,694	3,694	3,694	3,694	3,694	3,694
-	Mud Recovered	3,279	3,394	3,299	3,673	3,714	3,694	3,694	3,694	3,694	3,694	3,694	3,694	3,694	3,694	3,694	3,694	3,694	3,694	3,694	3,694	3,694
,		3,279	3,394	-	•		3,694	3,694	3,694	3,694		·		3,694	3,694	3,694	3,694		·	·	3,694	3,694
,		3,279	3,394	-	3,673 omment		3,694	3,694	3,694	3,694		3,694 Comment		3,694	3,694	3,694	3,694		3,694 omments	·	3,694	3,694
,		1/20/24	Skid over	Confrom the A-	omment	s:			2/6/21	3,694		·		3,694		2/13/21	3,694		·	·	3,694	3,694
,		1/20/24		Confrom the A-	omment	s:				3,694		·		3,694			3,694		·	·	3,694	3,694
-	Mud Recovered	1/30/21	Skid over to 6,643'M	from the A-D	omment. 1H, drilled 2bbls, Cen	s: out at 16:30	Ohrs. Drille	d ahead		3,694		·		3,694			3,694		·	·	3,694	3,694
,	Mud Recovered	1/30/21	Skid over to 6,643'M	Confrom the A-	omment. 1H, drilled 2bbls, Cen	s: out at 16:30	Ohrs. Drille	d ahead	2/6/21	3,694		·		3,694		2/13/21	3,694		·	·	3,694	3,694
-	Mud Recovered	1/30/21	Skid over to 6,643'M Mud Lost t 289.5bbls	from the A-D	omment 1H, drilled 2bbls, Cen ge 87bbls	s: out at 16:30	Ohrs. Drille	d ahead	2/6/21	3,694		·		3,694		2/13/21	3,694		·	·	3,694	3,694
-	Mud Recovered	1/30/21	Skid over to 6,643'M Mud Lost t 289.5bbls	from the A-D to Evap 46	omment 1H, drilled 2bbls, Cen ge 87bbls	s: out at 16:30	Ohrs. Drille	d ahead	2/6/21	3,694		·		3,694		2/13/21	3,694		·	·	3,694	3,694
-	Mud Recovered	1/30/21 1/31/21 2/1/21	Skid over to 6,643'M Mud Lost to 289.5bbls Running ca	from the A-D to Evap 46 and Seepagasing at 958	omment. 1H, drilled 2bbls, Cen ge 87bbls 82'MD.	s: out at 16:30 t 9bbls, Pite	Ohrs. Drille s 10bbls Cu	d ahead attings	2/6/21 2/7/21 2/8/21	3,694		·		3,694		2/13/21 2/14/21 2/15/21	3,694		·	·	3,694	3,694
-	Mud Recovered	1/30/21 1/31/21 2/1/21	Skid over to 6,643'M Mud Lost to 289.5bbls Running co	from the A-D to Evap 46.3 and Seepag	omment. 1H, drilled 2bbls, Cen ge 87bbls 82'MD. sising with fu	s: out at 16:30 t 9bbls, Pite	Ohrs. Drille s 10bbls Cu dumped 25 cutting MW	d ahead uttings	2/6/21	3,694		·		3,694		2/13/21	3,694		·	·	3,694	3,694
-	Mud Recovered	1/30/21 1/31/21 2/1/21 2/2/21	Skid over to 6,643'M Mud Lost to 289.5bbls Running cannot the interface a and 72bbls	from the A-D to Evap 46 and Seepar asing at 958 e 10.75" ca	omment. 1H, drilled 2bbls, Cen ge 87bbls 82'MD. sing with fi spacer. Lo e running of	s: out at 16:30 t 9bbls, Pite t 9bbls, Pite t 9bbls, Pite t 9bbls, Pite t 9bbls, Pite t 9bbls, Pite	Ohrs. Drille s 10bbls Cu dumped 25 butting MW circulaing th	d ahead uttings bbls 84bbls ne hole.	2/6/21 2/7/21 2/8/21	3,694		·		3,694		2/13/21 2/14/21 2/15/21	3,694		·	·	3,694	3,69
-	Mud Recovered	1/30/21 1/31/21 2/1/21 2/2/21	Skid over to 6,643'M Mud Lost to 289.5bbls Running concentrate and 72bbls Drilling cur	from the A-D to Evap 46 and Seepar asing at 958 e 10.75" ca and 14bbls s s to seepag	omment. 1H, drilled 2bbls, Cen ge 87bbls 82'MD. sing with fitspacer. Lo e running of	s: out at 16:30 t 9bbls, Pite t 9bbls, Pite ull returns, ss to cent ocasing and D with 8.7p	Ohrs. Drille s 10bbls Cu dumped 25i cutting MW circulaing th	d ahead uttings bbls 84bbls he hole.	2/6/21 2/7/21 2/8/21 2/9/21	3,694		·		3,694		2/13/21 2/14/21 2/15/21 2/16/21	3,694		·	·	3,694	3,69
-	Mud Recovered	1/30/21 1/31/21 2/1/21 2/2/21 2/3/21	Skid over to 6,643'M Mud Lost to 289.5bbls Running comment the interface a and 72bbls Drilling cur Drilling aheres	from the A-D to Evap 46 and Seepag asing at 958 e 10.75" ca and 14bbls s s to seepag	omment: 1H, drilled 2bbls, Cen ge 87bbls 82'MD. sing with fu spacer. Lo te running of tt 10,775'M	s: out at 16:30 t 9bbls, Pite tll returns, ss to cent casing and D with 8.7p	Ohrs. Drille s 10bbls Cu dumped 25i cutting MW circulaing the	d ahead uttings bbls 84bbls ne hole.	2/6/21 2/7/21 2/8/21 2/9/21	3,694		·		3,694		2/13/21 2/14/21 2/15/21 2/16/21	3,694		·	·	3,694	3,69
-	Mud Recovered	1/30/21 1/31/21 2/1/21 2/2/21 2/3/21	Skid over to 6,643'M Mud Lost to 289.5bbls Running comment the interface a and 72bbls Drilling cur Drilling aheres	from the A-D to Evap 46 and Seepag asing at 958 e 10.75" ca and 14bbls s to seepag rve setion a	omment: 1H, drilled 2bbls, Cen ge 87bbls 82'MD. sing with fu spacer. Lo te running of tt 10,775'M	s: out at 16:30 t 9bbls, Pite tll returns, ss to cent casing and D with 8.7p	Ohrs. Drille s 10bbls Cu dumped 25i cutting MW circulaing the	d ahead uttings bbls 84bbls ne hole.	2/6/21 2/7/21 2/8/21 2/9/21 2/10/21	3,694		·		3,694		2/13/21 2/14/21 2/15/21 2/16/21	3,694		·	·	3,694	

110 Old Market St.

St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

93.2° 10,527' TVD

Operator MAGN	IOLIA (OIL 8	GAS	Contractor PA1	TERSC)N	County / Parish	h / Block	ON	Engineer S	Start Date	24 hr	ftg.		Orilled Depth	379 f	
Well Name and No.	ABINE	B 2-I	Н	Rig Name ar	nd No. 248		State T	EXAS		Spud Date	1/14/21	Curre	151 ft/h		ctivity DRIL	LIN	G
Report for				Report for			Field / OSC-G	#		Fluid Type)	Circu	lating Rate	C	Circulating Pr	essure	
JAMES D	YER/JI	M HA	ARRISON	То	ol Push	ner	GIE	DIGN	S		OBM		394 gpn	า	5,03	0 ps	3i
	MUD	PROP	ERTY SPECI	FICATION	IS		MUD VC	DLUME (BBL)	Р	UMP #1		PUMP #2		RISER E	300S	TER
Weight	PV	YF	P E.S.	CaCl2	GELS	HTHP	In Pits	6	92 bbl	Liner Si	ize 4.7	5 Line	er Size 4	.75	Liner Size		
8.6-12	5-20	7-1	>400	±265K	<10 <15	<8	In Hole	e 5	75 bbl	Stroke	e 1:	2 St	roke '	12	Stroke		
	M	UD PR	ROPERTIES	1			Active	12	267 bbl	bbl/stl	k 0.06	625 bl	ol/stk 0.0	0625	bbl/stk		
Time Sample	Taken			3:00		13:30	Storage	e <u>2</u> 4	457 bbl	stk/mi	n 70	5 st	k/min	74	stk/min		
Sample Locati	ion			suction		shaker	Tot. on Loc	cation 3	724 bbl	gal/mi	n 19	9 ga	ıl/min 1	94	gal/min		
Flowline Temp	erature °	F		135 °F		110 °F	Mud Wt. =	= 8.9	PV=8	YP=7	7 CIF	CULATI	ON DATA	ı	n = 0.617	K =	163.5
Depth (ft)				13,551'		14,379'	Bit C	Pepth = 1	4,379 '		Wash	out = 1%		Pump E	Efficiency	= 95%	%
Mud Weight (p	opg)			8.9		8.8	Drill String	Volur	ne to Bit	202.4 k	obl Str	okes To B	it 3,240	Т	ime To Bi	22	min
Funnel Vis (se	ec/qt)		@ 80 °F	40		45	Disp.	Bottoms	Up Vol.	372.6 k	obl Botto	msUp Stk	s 5,964	Bottom	sUp Time	40	min
600 rpm				23		26	82.2 bbl	Total	Circ.Vol.	1267.0	bbl Tot	alCirc.Stk	s 20,282	Total	Circ. Time	135	5 min
300 rpm				15		18		DRILLI	NG AS	SEMBLY	/ DATA		S	OLIDS	CONTR	DL	
200 rpm				11		14	Tubulars	OD (in	.) ID	(in.)	Length	Тор	Unit		Screens	Но	ours
100 rpm				9		12	Drill Pipe	4.500	3.8	326 ·	14,177'		Shake	r 1	170		
6 rpm				5		6	Agitator	5.000	2.0	000	53'	14,177'	Shake	r 2	170		
3 rpm				4		5						14,230'	Shake	r 3	170		
Plastic Viscos	ity (cp)		@ 150 °F	8		8	Dir. BHA	5.500	2.0	000	149'	14,230'	NOV Drying S	Shakers	140		
Yield Point (lb.	/100 ft²)		T0 = 3	7		10		CAS	SING &	HOLE D	ATA						
Gel Strength (lb/100 ft²))	10 sec / 10 min	5/8		5/7	Casing	OD (in	.) ID	(in.)	Depth	Тор	Centrifu	ge 1	NOV		
Gel Strength (lb/100 ft2	2)	30 min	11		9	Riser						VOLU	/IE ACC	OUNTIN	G (bb	ols)
HTHP Filtrate	(cm/30 m	nin)	@ 250 °F	7.0		6.0	Surface	10 3/4	ļ		2,893'		Prev.	Total on	Location	3	8693.5
HTHP Cake T	hickness	(32nd:	s)	2.0		2.0	Int. Csg.	7 5/8	6.8	875 ·	10,294'		Transfe	erred In	(+)/Out(-)		
Retort Solids (Content			10%		9%	Washout 1							Oil A	Added (+)		
Corrected Soli	ids (vol%))		8.1%		7.2%	Washout 2							Barite A	Added (+)		
Retort Oil Con	tent			70%		70%	Open	Hole Si	ze 6.8	318 ·	14,379'		Other P	roduct l	Jsage (+)		
Retort Water (Content			20%		21%	ANI	NULAR	GEOME	TRY & I	RHEOLO	GY		Water A	Added (+)		
O/W Ratio				78:22		77:23	annula	ar .		veloci	ty flow	ECD	Le	eft on C	uttings (-)		
Whole Mud Cl	hlorides (i	mg/L)		48,000		47,000	section		depth	ft/mir	-	lb/gal		Evap/ P	its/ Cent		
Water Phase	Salinity (p	opm)		273,435		259,781				!				;	Seepage		
Whole Mud Al	kalinity, F	Pom		3.5		2.7	6.875x4	l.5 1	0,294'	357.0) turb	9.79	Est. 7	Γotal on	Location	3	8693.5
Excess Lime (lb/bbl)			4.6 ppb		3.5 ppb	6.818x4	l.5 1	4,177'	367.7	7 turb	10.18	Est. Los	ses/Ga	ins (-)/(+)		30.4
Electrical Stab	oility (volts	s)		535 v		480 v	6.818x	:5 1	4,230'	448.9	9 turb	10.31	BIT	HYDRA	AULICS I	DATA	
Average Spec	ific Gravi	ty of S	olids	2.54		2.58	6.818x5		4,379'	594.1	1 turb	10.50	Bit H.S.I.	Bit A	AP Noz	zles (3	32nds)
Percent Low G				7.2%		6.2%							0.37	57 p		18	18
ppb Low Grav				59 ppb		51 ppb								Nozz		18	
Percent Barite				0.9%		0.9%							Bit Impact Force	Veloc (ft/se	city		
ppb Barite				12 ppb		13 ppb	BIT C	DATA	Ma	nuf./Typ	e SE	C 64H	154 lbs	85	, <u> </u>		+
Estimated Total	al LCM in	Svste	em	- 1- 12-2		- FF~	Size	Depth I			ootage	ROP ft/h		<u> </u>	Calc. Circ	. Pre	ssure
Sample Taker		-,500	· •	A. ROMAN		M Washburb		10,294		0.0	481 ft	48.1	2,800			5 psi	
Afternoon Rema				L				Pia Activity		-	- · ·•		_,,,,,,		-,-	. ,501	

Afternoon Remarks/Recommendations:

Pump a 10 bbl LCM sweep every 300 ft. Sweep Contains:

10 ppb Newcarb, 10 ppb Newphalt and 10 ppb Magnafiber fine

Afternoon Rig Activity:

Continue drilling 6-3/4" lateral hole section, maintain mud wt. at 8.8, pump 10 bbls LCM sweep every 300', operate centrifuge as needed for density reduction and to control LGS. Adding water and diesel for OWR maintenance. Adding Bentone 42 for YP. Start mud cooling system at 08:00 hrs, samples at 14379MD are 100% AC.

OUTSOURCE FLUID SOLUTIONS LLC.

TEL: (337) 394-1078

94.8° 10,496' TVD

Operator MAGI Well Name and No.	NOLIA (OIL & (GAS	Contractor PA Rig Name ar	TTERSO	ON	County / Parish / WASH	Block	N	Engineer Star 01/ Spud Date	t Date	24 hr f	1,348 ft		14,9	61 f	t
	SABINE	В 2-Н		Nig Name ai	248			EXAS		l '	14/21	Currer	75 ft/hr	Aci	DRIL	LING	3
Report for				Report for			Field / OCS-G #			Fluid Type		Circula	ating Rate	Cir	culating Pre		
JAMES D	YER/JI	M HAF	RRISON	То	ol Pusi	ner	GID	DIGNS		0	ВМ		394 gpm	1	4,60	7 ps	i i
	MUD	PROPE	RTY SPECIF	ICATION	S		MUD VO	LUME (BE	BL)	PU	MP #1		PUMP #2	F	RISER B	oos	TER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	800	0 bbl	Liner Size	e 4.7	5 Line	r Size 4.	75 Li	ner Size		
8.6-12	5-20	7-13	>400	±265K	<10 <15	<8	In Hole	598	8 bbl	Stroke	12	Str	oke 1	2	Stroke		
				2/5/21		2/4/21	Active	139	ldd 8	bbl/stk	0.06	25 bb	l/stk 0.0	625	bbl/stk	0.0	0000
Time Sample	Taken			3:00		13:30	Storage	223	86 bbl	stk/min	75	stk	/min 7	75	stk/min		
Sample Locati	on			suction		shaker	Tot. on Loc	cation 363	34 bbl	gal/min	19	gal	l/min 1	97	gal/min		0
Flowline Temp	erature °l	=		95 °F		110 °F	F	PHHP = 105	58	(CIRCULA	TION DA	ATA	n	= 0.585	K = 2	39.066
Depth (ft)				14,888'		14,379'	Bit C	epth = 14,	,961 '		Washo	ut = 1%		Pump Ef	ficiency	= 95%	6
Mud Weight (p	ppg)			8.8		8.8	Drill String	Volume	e to Bit	210.7 bb	l Stro	kes To Bit	3,372	Tin	ne To Bit	22	min
Funnel Vis (se	c/qt)		@ 75 °F	45		45	Disp.	Bottoms U	Jp Vol.	387.4 bb	Bottor	nsUp Stks	6,202	Bottoms	Up Time	41	min
600 rpm				27		26	85.3 bbl	TotalCi	rc.Vol.	1398.1 bb	ol Tota	alCirc.Stks	22,381	Total C	irc. Time	149	min
300 rpm				18		18		DRILLIN	G ASS	SEMBLY D	ATA		S	OLIDS (ONTRO	L	
200 rpm				13		14	Tubulars	OD (in.)	ID	(in.) L	ength	Тор	Unit	S	creens	Но	ours
100 rpm				10		12	Drill Pipe	4.500	3.	826 1	4,759'	0'	Shaker	1	170	24	4.0
6 rpm				6		6	Agitator	5.000	2.	000	53'	14,759'	Shaker	2	170	24	4.0
3 rpm				5		5	1					14,812'	Shaker	. 3	170	24	4.0
Plastic Viscos	ity (cp)		@ 150 °F	9		8	Dir. BHA	5.500	2.	000	149'	14,812'	NOV Drying S	hakers	140	24	4.0
Yield Point (lb.	/100 ft²)		T0 = 4	9		10		CASIN	NG & I	HOLE DAT	'A						
Gel Strength (lb/100 ft²)	10) sec/10 min	5/8		5/7	Casing	OD (in.)	ID	(in.)	Depth	Тор	Centrifuç	ge 1	NOV	4	1.0
Gel Strength (lb/100 ft ²)		30 min	11		9	Riser						VOLUM	IE ACC	OUNTIN	G (bb	ls)
HTHP Filtrate	(cm/30 m	in)	@ 250 °F	6.5		6.0	Surface	10 3/4		2	2,893'	0'	Prev. T	otal on l	ocation	3	693.5
HTHP Cake T	hickness	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	875 10	0,294'	0'	Transfe	erred In(+	-)/Out(-)		
Retort Solids (Content			8.5%		9%	Washout 1							Oil Ad	dded (+)		139.2
Corrected Soli	ds (vol%)			6.7%		7.2%	Washout 2							Barite Ad	dded (+)		0.0
Retort Oil Con	tent			71.5%		70%	Oper	Hole Size	6.	818 1	4,961'		Other Pr	roduct Us	sage (+)		18.3
Retort Water 0	Content			20%		21%	ANI	NULAR GE	EOME	TRY & RH	EOLOG'	1	,	Water Ad	dded (+)		100.0
O/W Ratio				78:22		77:23	annular	· me	eas.	velocity	flow	ECD	Le	ft on Cut	tings (-)		-60.9
Whole Mud Cl	nlorides (r	ng/L)		45,000		47,000	section		epth	ft/min	reg	lb/gal	E	Evap/ Pit	s/ Cent	-	106.1
Water Phase	Salinity (p	pm)		260,803		259,781		I		I				S	pilled (-)	-	150.0
Whole Mud Al	kalinity, P	om		4.0		2.7	6.875x4.	5 10,	,294'	357.0	turb	9.64	Est. T	otal on l	_ocation	3	634.1
Excess Lime (lb/bbl)			5.2 ppb		3.5 ppb	6.818x4.	5 14,	,759'	367.7	turb	10.02	Est. Los	ses/Gair	ıs (-)/(+)		0.0
Electrical Stab	ility (volts)		505 v		480 v	6.818x5	5 14,	,812'	448.9	turb	10.09	BIT	HYDRA	JLICS E	АТА	
Average Spec	ific Gravit	y of Solid	ls	2.76		2.58	6.818x5.	5 14,	,961'	594.1	turb	10.21	Bit H.S.I.	Bit ∆F	Nozz	les (3	2nds)
Percent Low 0	Gravity So	lids		5.1%		6.2%	1						0.36	56 ps	i 18	18	18
ppb Low Grav	ity Solids			42 ppb		51 ppb	1						Bit Impact	Nozzle		18	18
Percent Barite	:			1.6%		0.9%	1						Force	Velocit (ft/sec	-		
ppb Barite				22 ppb		13 ppb	BIT D	ATA	Ma	anuf./Type	SE	C 64H	152 lbs	85			
Estimated Tot	al LCM in	System	ppb				Size	Depth In	Н	ours Fo	ootage	ROP ft/hr	Motor/M	WD C	alc. Circ	. Pres	ssure
Sample Taker	n By			A. ROMAN	0	M Washburb	6 3/4	10,294 ft	5	0.0 4,	,667 ft	93.3	2,800	psi	4,82	0 psi	ļ
Remarks/Reco				l	1		Ria Activity:	<u> </u>	1		J		1	I			

OBM RECEIVED: 3309bbls Rec. 367bbls/ 16.0ppg

OBM ON SURFACE__ 3109bbls (Storage + Active)

OBM LOSS_Daily (-60bbl)_Total (-75bbl)

MWD Temp: 297 Deg.

Rig Activity:

In the past 24hrs: Drilling ahead (Rotating & Sliding) 6-3/4" hole in lateral section. Maintain 8.8ppg active circulating density. Pump LCM sweeps 10ppb (MagmaFiber/New Carb/1st Response/NewPhalt) Pump 10bbls every 300' of new hole. Pump rate maintain at 390gpm taking returns through the Choke Manifold with 600psi casing pressure on connection. Performed 10 stnads Wipper trip. ROP not up to specs. Additions of CaCl2 were made to maintain the WPS. Water and Diesel additions at 5bph respectively. Chemical additions will continue to maintain the fluid within the recommended parameters. At the time of report: Drilling ahead passing 14,968'.

Eng. 1:	Mi	ke W	ashbu	ırn	Er	ng. 2:	Adolfo	Roman	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Phone:	3	61-94	5-577	77	Ph	one:	956-8	21-9994	Phone:	432-686-7361	Phone:	-			
W P 1 1	Y 1	E 1	C 1	g 1	G 1	H 1	O 1	carefully	and may be		o elects, however,	, no representati	nas been prepared on is made as to the	\$10,213.48	\$55,611.95
									•		INCLUDI	NG 3RD PAR	TY CHARGES	\$20,447.48	\$157,974.63

MATERIAL CONSUMPTION

Date 02/05/21	Operator MAG I	NOLIA OIL		Well Name a	ind No. ABINE B 2-		Rig Name and 24	Report No. Repo	ort #9
	DAILY	USAGE 8	COST					CUMUI	ATIVE
			Previous		Closing	Daily		Cum	
Item	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost	Usage	Cum Cost
SAPP (50)	50# sk	\$44.56	10		10			30	\$1,336.80
PHPA LIQUID (pail)	5 gal	\$41.36	60		60				
EVO-LUBE	gal	\$14.00	550		550 70				
NEW GEL (PREMIUM) ALUMINUM TRISTEARATE	25# sk	\$162.83	70 19		19				
ALOWINOW TRISTEARATE	20# SK	\$102.83	19		19				
CACL2 (50)	50# sk	\$14.32	56	168	142	82	- '	509	\$7,288.88
LIME (50)	50# sk	\$5.00	50	200	200	50	\$250.00	306	\$1,530.00
OPTI - G BENTONE 38 (50)	50# sk	\$30.59 \$163.94	20	160	160	20	\$611.80	160	\$4,894.40
BENTONE 910 (50)	50# sk	\$59.40	15	40	55			22	\$1,306.80
BENTONE 990 (50)	50# sk	\$83.59	15	40		6	\$501.54	43	\$3,594.37
OPTI - MUL	gal	\$10.75	220		220		φουσ.	385	\$4,138.75
OPTI - WET	gal	\$8.34	275		275			220	\$1,834.80
NEW PHALT	50# sk	\$38.72	55	160	170	45	\$1,742.40	90	\$3,484.80
OIL SORB (25)	25# sk	\$4.75	40			40	\$190.00	40	\$190.00
BENTONE 42 (50)	50# sk	\$327.26	35	40	69	6	\$1,963.56	11	\$3,599.86
NowCarb LikiMiy	E0# al-	\$0.05	20		30			F0	¢247.50
NewCarb UltiMix	50# sk	\$6.35 \$5.25	30 102		30 92	10	\$52.50	50 55	\$317.50 \$288.75
NEW CARB (M) CYBERSEAL	50# sk 25# sk	\$5.25 \$21.47	102		92	10	ФЭ∠.5U	55	φ∠ၓၓ./5
MAGMAFIBER F (25)	25# sk	\$28.05	142		132	10	\$280.50	46	\$1,290.30
MAGMAFIBER R (30)	30# sk	\$28.05	172		102	10	Ψ200.30	40	ψ1,230.30
VARISEAL	50# sk	\$26.50	20		20				
FIBER PLUG	30# sk	\$30.37							
NUT PLUG M (50)	50# sk	\$12.04	55		55				
COTTON SEED HULLS (50)	50# sk	\$12.23	156		156				
NEW WATE (SACK BARITE)	100# sk	\$11.50	180		180				
BARITE BULK (100)	100# sk	\$7.00	1450		1450			100	\$700.00
OPTI DRILL (OBM)	bbl	\$65.00	2878		2878				
DISCOUNTED OBM	bbl	\$10.00	79		79				
Magnolia Owned OBM	bbl		385		325	60		170	
Magnolia Owned LGS	bbl		352		352				
ENGINEERING (24 HR)	each	\$925.00				2	\$1,850.00	10	\$14,800.00
ENGINEERING (24 HK) ENGINEERING (DIEM)	bbl	\$30.00				2		16	\$480.00
ENGINEERING (MILES)	each	\$1.00					Ψ.σ.σ.σ	1049	
-/		,						3.0	. ,: 2:30
TRUCKING (cwt)	each	\$2.65				417	\$1,104.94	817	\$2,164.94
TRUCKING (min)	each	\$650.00					, ,,	1	\$650.00
PALLETS (ea)	each	\$12.00				18	\$216.00	29	\$348.00
SHRINK WRAP (ea)	each	\$12.00				18		27	\$324.00
			ıb-Total \$1	0.040.40	Cumulati	ve Total \$		\$55,6	44.05

THIRD PARTY COST SHEET

Date	Operator			Well Name a	ind No.		Rig Name an	d No.	Report No.	
02/05/21	MAGI	NOLIA OIL	& GAS	S	ABINE B 2	-Н	24	48	Repo	ort #9
	DAILY	USAGE 8	k COST						СИМИ	LATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost	•	Cum Usage	Cum Cost
TURBO CHEM / FIRST RESPONSE	25# sk	\$41.75	265		265			-	75	\$3,131.25
TURBO CHEM SYNSEAL	25# sk	\$85.00	100		100			=		
TRUBO CHEM PALLETS & SHRINK WRAP	each	\$40.00							8	\$320.00
								-		
								-		
OBM_D Skid Vol	gal	\$1.74						-		\$33,543.72
OBM_D 1/29/21	gal	\$1.75						-		\$12,250.00
Diesel 1/30/21 OBM_D 1/30/21 (2)	gal	\$1.74 \$1.74						-		\$6,090.00 \$12,185.22
OBM_D 1/30/21 (2)	gal gal	\$1.74						-		\$12,181.74
OBM_D 1/31/21	gal	\$1.74						=		\$12,180.00
OBM_D 2/1/21	gal	\$1.75			1011	5848	\$10,234.00	-		\$10,480.75
Diesel Delivery 2/3/21	gal	\$1.82	7207		7207		,	-		,
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	1		ī	ī	Daily Si	ıb-Total \$1	0.234.00		\$102,	362.68
					Daily St	J. (a)	-,207.00	l [ψ102,	32.00
	Cumu	lative Total	AES & 3rd	Party \$157	,974.63					
					J					

FLUID VOLUME ACCOUNTING

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: SAB

SABINE B 2-H

					WEEK 1							WEEK 2							WEEK 3			
	Date	1/30/21	1/31/21	2/1/21	2/2/21	2/3/21	2/4/21	2/5/21	2/6/21	2/7/21	2/8/21	2/9/21	2/10/21	2/11/21	2/12/21	2/13/21	2/14/21	2/15/21	2/16/21	2/17/21	2/18/21	2/19/21
		Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Bit Size	9 7/8	9 7/8	9 7/8	6 3/4	6 3/4	6 3/4	6 3/4														
Grand	Starting Depth	2,894	6,643	10,303	10,315	10,315	10,775	13,613	14,961													
Totals	Ending Depth	6,643	10,303	10,315	10,315	10,775	13,613	14,961														
	Footage Drilled	3,749	3,660	12	-	460	2,838	1,348	-	-	-	-	_	-	-	-	-	-	-	-	-	-
,	New Hole Vol.	356	347	1	-	20	126	60	-	-	_	-	_	_	_	_	_	_	_	_	_	-
	Starting System Volume	2,942	3,279	3,394	3,299	3,673	3,714	3,694	3,634	3,634	3,634	3,634	3,634	3,634	3,634	3,634	3,634	3,634	3,634	3,634	3,634	3,634
	Chemical Additions	28	20	-,	-,	17	13	18	-,	-,	-,	-,	-,	-,	-,	-,	-,	-,	-,	-,	-,	-,
	Base Fluid Added	469	438	18	189	23	90	139														
	Barite Increase	.00	.00	7			-	-														
	Weighted Mud Added				367		-	-														
	Slurry Added						-	-														
	Water Added	60	81			39	60	100														
18	Added for Washout		18				-	-														
	Total Additions	557	557	25	556	79	163	258	-	-	-	-	-	-	-	-	-	-	-	-	-	-
•		8	56	40		13	25	150														
	Formation Loss	0	87	80	72	13	-	-														
	Mud Loss to Cuttings	213	290	00	12	22	128	61														
	Unrecoverable Volume	210	230		25		-	56														
	Centrifuge Losses		9		84	3		50														
			1				1				I	1	1	I			1		1	I.	1	1
1,501	Total Losses	221	442	120	181	38	183	317	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Mud Transferred Out																					
3,634	Ending System Volume	3,279	3,394	3,299	3,673	3,714	3,694	3,634	3,634	3,634	3,634	3,634	3,634	3,634	3,634	3,634	3,634	3,634	3,634	3,634	3,634	3,634
-	Mud Recovered																					
				С	omment	s:					С	omment	s:					-	omment	s:		
		1/30/21	Skid over to 6,643'M	from the A- ID	1H, drilled	out at 16:3	Ohrs. Drille	ed ahead	2/6/21							2/13/21						
	1																					
3,309		1/31/21		to Evap 46. and Seepa			s 10bbls C	uttings	2/7/21							2/14/21						
				'																		
		2/1/21	Running c	asing at 95	82'MD.				2/8/21							2/15/21						
			Cement th	e 10.75" ca	sing with fo	ull returns,	dumped 25	ibbls														
		2/2/21		and 14bbls s s to seepag					2/9/21							2/16/21						
		2/3/21	Drilling cu	rve setion a	ıt 10,775'M	D with 8.7p	pg MW.		2/10/21							2/17/21						
									2,10,21													
			Drilling ob	ead on lata	ral section	MM & Par	a numinin	a sweeps														
		2/4/21		ead on late 10bbls (LC				g sweeps	2/11/21							2/18/21						

Report 9 pm

TEL: (337) 394-1078

94.8° 10,479' TVD

Operator	10114	ou		Contractor			County / Parisl			-	Start Date	24 hr	ftg.		Drilled De		. "	
Well Name and No		OIL & G	ias .	PAT Rig Name ar	TERSC	ON	WAS State	HINGTO	N	O Spud Dat	1/14/21	Curre	ent ROP		Activity	5,13	8 ft	
s	ABINE	В 2-Н		,	248		Т	EXAS		0	1/14/21		36 ft/hr		DI	RILL		3
Report for JAMES D	YFR/JI	M HAR	RISON	Report for	ol Push	ner	Field / OSC-G	# DDIGNS		Fluid Typ	e OBM	Circu	lating Rate 394 gpm		Circulatir	g Press 755		i
0,111200			TY SPECI					DLUME (BE	3L)	F	PUMP #1		PUMP #2	-	RISE		•	
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits		bbl	Liner S	Size 4.	75 Line	er Size 4.	75	Liner S	Size		
8.6-12	5-20	7-13	>400	±265K	<10 <15	<8	In Hole	e 605	bbl	Strok	e 1	2 St	roke 1	2	Strok	e		
	M	UD PROF	PERTIES				Active	140	5 bbl	bbl/s	tk 0.00	625 bl	ol/stk 0.0	625	bbl/s	tk		
Time Sample	Taken			3:00		13:30	Storage	e <u>223</u> 6	6 bbl	stk/m	in 7	5 st	k/min 7	' 5	stk/m	iin		
Sample Locat	ion			suction		shaker	Tot. on Loc	cation 364	1 bbl	gal/m	in 19)7 ga	ıl/min 1	97	gal/m	iin		
Flowline Temp	perature °	·F		95 °F		96 °F	Mud Wt. =	= 8.8 PV	/=9	YP=	9 CIF	RCULATION	ON DATA	I	n = 0.	585 H	< = 2	239.1
Depth (ft)				14,888'		15,125'	Bit D	Depth = 15,	138 '		Wash	out = 1%	ı	Pump	Efficie	ncy =	95%	, o
Mud Weight (ppg)			8.8		8.8	Drill String	Volume	to Bit	213.2	bbl Str	okes To B	it 3,413	٦	Γime Τα	Bit	23 r	min
Funnel Vis (se	ec/qt)		@ 79 °F	45		43	Disp.	Bottoms U	p Vol.	391.9	bbl Botto	msUp Stk	s 6,274	Bottor	nsUp T	ime	42 r	min
600 rpm				27		25	86.3 bbl	TotalCir	c.Vol.	1405.1	bbl To	talCirc.Stk	s 22,494	Total	Circ. T	ime	150	min
300 rpm				18		17		DRILLING	3 ASS	SEMBL	Y DATA		s	OLIDS	CON	TROL	-	
200 rpm				13		14	Tubulars	OD (in.)	ID	(in.)	Length	Тор	Unit		Scree	ens	Hou	urs
100 rpm				10		11	Drill Pipe	4.500	3.8	326	14,936'		Shaker	1	170)		
6 rpm				6		6	Agitator	5.000	2.0	000	53'	14,936'	Shaker	2	170)		
3 rpm				5		5						14,989'	Shaker	3	170)		
Plastic Viscos	sity (cp)		@ 150 °F	9		8	Dir. BHA	5.500	2.0	000	149'	14,989'	NOV Drying S	hakers	140)		
Yield Point (lb	/100 ft²)		T0 = 4	9		9		CASIN	IG & I	HOLE [DATA		1					
Gel Strength ((lb/100 ft²) 10 s	sec / 10 min	5/8		5/9	Casing	OD (in.)	ID	(in.)	Depth	Тор	Centrifuç	ge 1	NO	V		
Gel Strength ((lb/100 ft2	2)	30 min	11		12	Riser						VOLUM	IE AC	COUN	TING	(bbl	s)
HTHP Filtrate	(cm/30 m	nin)	@ 250 °F	6.5		6.0	Surface	10 3/4			2,893'		Prev. T	otal or	n Loca	tion	36	34.1
HTHP Cake T	hickness	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.8	375	10,294'		Transfe	rred Ir	า(+)/Oเ	ut(-)		
Retort Solids	Content			8.5%		9%	Washout 1							Oil	Added	(+)		
Corrected Sol	ids (vol%)		6.7%		7.2%	Washout 2							Barite	Added	(+)		
Retort Oil Cor	ntent			71.5%		70.5%	Open	Hole Size	6.8	318	15,138'		Other Pr	oduct	Usage	(+)		
Retort Water	Content			20%		20.5%	AN	NULAR GE	ОМЕ	TRY &	RHEOLO	GY	\	Nater	Added	(+)		
O/W Ratio				78:22		77:23	annula	ue	pth	veloc	-	ECD	Le	ft on C	Cuttings	s (-)		
Whole Mud C	hlorides (mg/L)		45,000		46,500	section	n	F	ft/mi	n reg	lb/gal	E	Evap/ I	Pits/ C	ent		
Water Phase	Salinity (p	opm)		260,803		262,367									Spilled	d (-)		
Whole Mud A	lkalinity, F	Pom		4.0		1.9	6.875x4	1.5 10,2	294'	357.	0 turb	9.61	Est. T	otal or	n Loca	tion _	36	34.1
Excess Lime	(lb/bbl)			5.2 ppb		2.5 ppb	6.818x4	1.5 14,9	936'	367.	7 turb	9.97	Est. Los	ses/Ga	ains (-)	/(+)		7.0
Electrical Stat	oility (volt	s)		505 v		532 v	6.818x	5 14,9	989'	448.	9 turb	10.01	BIT	HYDR	AULIC	S DA	TA	
Average Spec	cific Gravi	ty of Solid	ls	2.76		2.59	6.818x5	5.5 15,	138'	594.	1 turb	10.10	Bit H.S.I.	Bit .	ΔΡ Ι	Nozzle	s (32	2nds)
Percent Low (Gravity So	olids		5.1%		6.2%							0.36	56	psi	18	18	18
ppb Low Grav	ity Solids			42 ppb		51 ppb							Bit Impact	Noz Velo		18	18	18
Percent Barite)			1.6%		1%			l				Force	(ft/s	-			
ppb Barite				22 ppb		14 ppb	BIT [DATA	Ма	nuf./Tyր	oe SE	C 64H	152 lbs	8	5			
Estimated Tot	al LCM ir	System					Size	Depth In	Но	urs	Footage	ROP ft/h	r Motor/M	WD	Calc.	Circ.	Pres	sure
Sample Taker	n By			A. ROMAN		M Washburb	6 3/4	10,294 ft	50	0.0	4,667 ft	93.3	2,800	osi	2	,840	psi	
Afternoon Rem	arks/Reco	mmendati	ons:				Afternoon R	Rig Activity:										

Pump a 10 bbl LCM sweep every 300 ft. Sweep Contains:

10 ppb Newcarb, 10 ppb Newphalt and 10 ppb Magnafiber fine

Drill 6-3/4" hole section to 15050, perform clean up cycle, pump 3 X 30 bbls sweeps with enhanced flow properties and weighted up to 9.3#, when sweeps returned to shakers did not observe any increase in cuttings volume. Continue to monitor shale shakers, cuttings are "coffee ground" sized, samples at 15138MD are 100% AC. Currently sliding at 15139' Maintain mud wt at 8.8# and keep mud properties and concentrations withins recommended specs.

Report #10 TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

5.3°

9,982' TVD

Operator MAG	NOLIA (OIL & 0	GAS	Contractor PA	TERSO	ON	County / Parish /	HINGTO	N	Engineer Sta	/14/21	24 hr	181 ft		Drilled Depth 15,	142 1	ft
Well Name and No	SABINE	В 2-Н		Rig Name ar	nd No. 248		State TI	EXAS		Spud Date 01/	/14/21	Curre	nt ROP 18 ft/hr		Activity P(ЮН	
Report for	\\ED/!		NDIO ONI	Report for			Field / OCS-G #	DIONO		Fluid Type	. D. I.	Circu	lating Rate		Circulating P		
JAMES [ol Pusi	ner		DIGNS)BM		394 gpm	+	3,15	-	
		1	RTY SPECIF	1	l	T		LUME (B			IMP #1		PUMP #2		RISER I		STER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits		30 bbl	Liner Size					Liner Size		
8.6-12	5-20	7-13	>400	±265K	<10 <15	<8	In Hole		32 bbl	Stroke				12	Stroke		
				2/6/21		2/5/21	Active		92 bbl	bbl/stk	0.0			0625	bbl/stk	0.0	0000
Time Sample				3:00		13:30	Storage		81 bbl	stk/min				75	stk/min		
Sample Locat				suction		shaker	Tot. on Lo			gal/min				97	gal/min		0
Flowline Temp	perature °l	F		95 °F		96 °F		PHHP = 7				ATION D			n = 0.610		
Depth (ft)				15,142'		15,125'	Bit [Depth = 10				out = 1%		Pump I	Efficiency	= 95	%
Mud Weight (opg)			9.5		8.8	Drill String Disp.	Volum	e to Bit	144.0 bb	ol Str	rokes To B	it 2,305	Т	Time To Bi	t 15	i min
Funnel Vis (se	ec/qt)		@ 75 °F	46		43	ызр.	Bottoms	Up Vol.	267.9 bb	ol Botto	omsUp Stk	s 4,288	Botton	nsUp Time	29	9 min
600 rpm				29		25	59.8 bbl	TotalC	irc.Vol.	1191.8 b	bl To	talCirc.Stk	s 19,080	Total	Circ. Time	12	7 min
300 rpm				19		17		DRILLIN	IG ASS	SEMBLY D	DATA		s	OLIDS	CONTR	OL	
200 rpm				15		14	Tubulars	OD (in.)	ID	(in.) L	_ength	Тор	Unit		Screens	Н	ours
100 rpm				12		11	Drill Pipe	4.500	3.	826 1	0,069'	0'	Shake	r 1	170	2	24.0
6 rpm				6		6	Agitator	5.000	2.	000	53'	10,069'	Shake	r 2	170	2	24.0
3 rpm				5		5						10,122'	Shake	r 3	170	2	24.0
Plastic Viscos	ity (cp)		@ 150 °F	10		8	Dir. BHA	5.500	2.	000	149'	10,122'	NOV Drying S	Shakers	140	2	24.0
Yield Point (lb	/100 ft ²)		T0 = 4	9		9		CASI	NG & F	HOLE DAT	ГА						
Gel Strength ([lb/100 ft²)	10	sec/10 min	5/9		5/9	Casing	OD (in.)	ID	(in.)	Depth	Тор	Centrifuç	ge 1	NOV	:	2.0
Gel Strength ((lb/100 ft ²)	ı	30 min	14		12	Riser						VOLUN	IE ACC	COUNTIN	IG (bl	ols)
HTHP Filtrate	(cm/30 m	in)	@ 250 °F	6.0		6.0	Surface	10 3/4		2	2,893'	0'	Prev. 7	Γotal or	Location	1 3	3634.1
HTHP Cake T	hickness	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	875 1	0,294'	0'	Transfe	erred In	n(+)/Out(-)	
Retort Solids	Content			11%		9%	Washout 1							Oil	Added (+)	57.5
Corrected Sol	ids (vol%)	1		9.2%		7.2%	Washout 2							Barite A	Added (+)	69.1
Retort Oil Cor	ntent			70%		70.5%	Oper	n Hole Siz	e 6.	818 1	5,142'		Other P	roduct l	Usage (+)	3.2
Retort Water	Content			19%		20.5%	AN	NULAR G	EOME	TRY & RH	IEOLOG	¥Υ	,	Water	Added (+)	40.0
O/W Ratio				79:21		77:23	annula	r n	neas.	velocity	flow	ECD	Le	eft on C	uttings (-)	-8.2
Whole Mud C	hlorides (r	mg/L)		44,000		46,500	section	n c	lepth	ft/min	reg	lb/gal	l	Evap/ F	Pits/ Cent		-50.0
Water Phase	Salinity (p	pm)		266,397		262,367							Non-Red	coverab	ole Vol. (-)	-53.0
Whole Mud A	lkalinity, P	om		2.5		1.9	6.875x4	.5 10	0,069'	357.0	turb	10.36	Est. 7	Γotal or	Location	1 3	3692.8
Excess Lime ((lb/bbl)			3.3 ppb		2.5 ppb	6.875x	5 10),122'	433.2	turb	10.38	Est. Los	ses/Ga	ains (-)/(+)	0.0
Electrical Stat	oility (volts)		540 v		532 v	6.875x5	.5 10),271'	566.9	turb	10.44	ВІТ	HYDR.	AULICS	DATA	
Average Spec	ific Gravit	y of Solid	ls	3.17		2.59							Bit H.S.I.	Bit /	ΔP Noz	zles (3	32nds)
Percent Low 0	Gravity So	lids		4.9%		6.2%							0.39	61	psi 18	18	18
ppb Low Grav	ity Solids			40 ppb		51 ppb							Bit Impact	Noz		18	18
Percent Barite)			4.3%		1%							Force	Veloc (ft/se	-		
ppb Barite				62 ppb		14 ppb	BIT D	ATA	Ma	anuf./Type	SE	EC 64H	164 lbs	85	5		
Estimated Tot	al LCM in	System	ppb				Size	Depth Ir	n Ho	ours F	ootage	ROP ft/h	r Motor/M	WD	Calc. Cir	c. Pre	ssure
Sample Taker	n By			A. ROMAN	0	M Washburb	6 3/4	10,294 f	t 5	0.0 4	,667 ft	93.3	2,800	psi	4,4	l1 ps	i
Remarks/Reco	mmendati	ons.					Rig Activity:		•				•	1			

OBM RECEIVED: 3309bbls Rec. 367bbls/ 16.0ppg

OBM ON SURFACE__ 3109bbls (Storage + Active)

OBM LOSS_Daily (-60bbl)_Total (-75bbl)

MWD Temp: 297 Deg.

Rig Activity:

In the past 24hrs: Drilling ahead (Rotating & Sliding) 6-3/4" hole in lateral section to 15142'. Poor ROP while sliding push to decicion to POOH to change out BHA. Pump LCM Sweep (20bbls) and circulate 4.5hrs. While circulating increase Mud Density to 9.2ppg, close well in and monitor pressure, Casing pressure up to 900psi. Resume circulation and increase Density to 9.4ppg. Monitor pressure with well shut in, 550psi. Start Wash & Ream out of the hole to bottom of curve section, and circulate BU. At this point, spot 106 bbls of 16# Kill mud out the bit and resume to POOH conventional way. At the time of report: POOH passing 10271'.

Е	ng. 1:	Mil	ke W	ashb	urn	Er	ng. 2:	Adolf	o Roman	WH 1:	MIDLA	ND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Р	none:	36	61-94	5-57	77	Pł	hone:	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	used if the	user so		no representation	nas been prepared on is made as to the	\$12,280.62	\$67,892.57
													INCLUDII	NG 3RD PAR	TY CHARGES	\$16,608.79	\$174,583.42

MATERIAL CONSUMPTION

Date 02/06/21	Operator MAG I	NOLIA OIL		Well Name a	ind No. ABINE B 2 -	-H	Rig Name and		Report No. Repo i	rt #10
	DAILY	USAGE 8	& COST	•					CUMUL	ATIVE
_			Previous		Closing	Daily			Cum	
ltem	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost		Usage	Cum Cost
SAPP (50)	50# sk	\$44.56	10		10				30	\$1,336.80
PHPA LIQUID (pail)	5 gal	\$41.36			60					
EVO-LUBE	gal	\$14.00	550		550			_		
NEW GEL (PREMIUM) ALUMINUM TRISTEARATE	25# sk	\$162.83	70 19		70 19					
ALUMINUM INISTERNATE	23# SK	\$102.83	19		19			-		
CACL2 (50)	50# sk	\$14.32	142		120	22	\$315.04		531	\$7,603.92
LIME (50)	50# sk	\$5.00	200		180	20	\$100.00		326	\$1,630.00
OPTI - G	50# sk	\$30.59	160		160			-	160	\$4,894.40
BENTONE 38 (50) BENTONE 910 (50)	50# sk	\$163.94 \$59.40	55		55				22	\$1,306.80
BENTONE 990 (50)	50# sk	\$83.59	49		47	2	\$167.18		45	\$3,761.55
OPTI - MUL	gal	\$10.75	220		220		ψ107.10	-	385	\$4,138.75
OPTI - WET	gal	\$8.34	275		275				220	\$1,834.80
NEW PHALT	50# sk	\$38.72	170		170				90	\$3,484.80
OIL SORB (25)	25# sk	\$4.75							40	\$190.00
BENTONE 42 (50)	50# sk	\$327.26	69		67	2	\$654.52	=	13	\$4,254.38
Mau Carlo I II SAC.	FO.: .	**								***
NewCarb UltiMix	50# sk	\$6.35 \$5.25	30 92		30 92			-	50 55	\$317.50 \$288.75
NEW CARB (M) CYBERSEAL	25# sk	\$21.47	92		92				55	\$288.75
MAGMAFIBER F (25)	25# sk	\$28.05	132		132				46	\$1,290.30
MAGMAFIBER R (30)	30# sk	\$28.05	102		102				10	ψ1,200.00
VARISEAL	50# sk	\$26.50	20		20					
FIBER PLUG	30# sk	\$30.37								
NUT PLUG M (50)	50# sk	\$12.04	55		55					
COTTON SEED HULLS (50)	50# sk	\$12.23	156		156					
								-		
NEW WATE (SACK BARITE)	100# sk	\$11.50	180		180			-		
BARITE BULK (100)	100# sk	\$7.00	1450	823	1280	993	\$6,952.40		1093	\$7,652.40
BARTE BOLK (100)	100# 31	Ψ1.00	1400	023	1200	333	ψ0,332.40		1000	ψ1,002.40
								F		
								-		
								-		
								-		
								-		
OPTI PRILL (OPTI)		***								
OPTI DRILL (OBM)	bbl	\$65.00	2878		2878			-		
DISCOUNTED OBM	bbl	\$10.00	79		79			<u> </u>		
Magnolia Owned OBM	bbl		325		311	14			184	
Magnolia Owned LGS	bbl		352		352					
								-		
								_		
ENGINEERING (24 HR)	each	\$925.00				?	\$1,850.00	-	12	\$16,650.00
ENGINEERING (DIEM)	bbl	\$30.00				2		-	18	\$540.00
ENGINEERING (MILES)	each	\$1.00					\$30.00	-	1049	\$1,049.00
· \ -7		,5						-		. ,: 2:30
		<u>L_</u>						F		
TRUCKING (cwt)	each	\$2.65				823	\$2,181.48		1640	\$4,346.42
TRUCKING (min)	each	\$650.00							1	\$650.00
PALLETS (ea)	each	\$12.00							29	\$348.00
SHRINK WRAP (ea)	each	\$12.00						<u> </u>	27	\$324.00
		Daily St	ub-Total \$1	2,280.62	Cumulati	ive Total \$	67,892.57		\$67,8	92.57

THIRD PARTY COST SHEET

Date	Operator			Well Name a	ınd No.		Rig Name an	d No.	Report No.	
02/06/21	MAGI	NOLIA OIL	& GAS	S	ABINE B 2	-Н	24	18	Repo	rt #10
	DAILY	USAGE 8	& COST						CUMUI	LATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost	-	Cum Usage	Cum Cost
TURBO CHEM / FIRST RESPONSE	25# sk	\$41.75	265		265				75	\$3,131.25
TURBO CHEM SYNSEAL	25# sk	\$85.00	100		100			l l		
TRUBO CHEM PALLETS & SHRINK WRAP	each	\$40.00						Ī	8	\$320.00
								Ī		
								Ī		
OBM_D Skid Vol	gal	\$1.74							19278	\$33,543.72
OBM_D 1/29/21	gal	\$1.75							7000	\$12,250.00
Diesel 1/30/21	gal	\$1.74							3500	\$6,090.00
OBM_D 1/30/21 (2)	gal	\$1.74						_		\$12,185.22
OBM_D 1/30/21 (3)	gal	\$1.74							7001	\$12,181.74
OBM_D 1/31/21	gal	\$1.74							7000	\$12,180.00
OBM_D 2/1/21	gal	\$1.75	1011			1011	\$1,769.25		7000	\$12,250.00
Diesel Delivery 2/3/21	gal	\$1.82	7207		5801	1406	\$2,558.92	<u> </u>	1406	\$2,558.92
Diesel Delivery 2/5/21	gal	\$1.82		7205	7205			<u> </u>		
								-		
								-		
								_		
								-		
								-		
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								-		
	1									
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	1							-		
								-		
								-		
								-		
	1									
								-		
	1									
	1									
]								
					Daily S	ub-Total \$4	1,328.17		\$106,0	690.85
						•		· L		
	Cum	ulative Total	AES & 3rd	Party \$174	,583.42					

FLUID VOLUME ACCOUNTING

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: SAB

SABINE B 2-H

					WEEK 1							WEEK 2							WEEK 3			
	Date	1/30/21	1/31/21	2/1/21	2/2/21	2/3/21	2/4/21	2/5/21	2/6/21	2/7/21	2/8/21	2/9/21	2/10/21	2/11/21	2/12/21	2/13/21	2/14/21	2/15/21	2/16/21	2/17/21	2/18/21	2/19/21
		Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Bit Size	9 7/8	9 7/8	9 7/8	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4													
Grand	Starting Depth	2,894	6,643	10,303	10,315	10,315	10,775	13,613	14,961	15,142												
Totals	Ending Depth	6,643	10,303	10,315	10,315	10,775	13,613	14,961	15,142													
12,248	Footage Drilled	3,749	3,660	12	-	460	2,838	1,348	181	-	-	-	-	-	-	-	-	-	-	-	-	-
917	New Hole Vol.	356	347	1	_	20	126	60	8	-	-	-	-	-	-	-	-	-	-	-	-	-
	Starting System Volume	2,942	3,279	3,394	3,299	3,673	3,714	3,694	3,634	3,693	3,693	3,693	3,693	3,693	3,693	3,693	3,693	3,693	3,693	3,693	3,693	3,693
99	Chemical Additions	28	20	,		17	13	18	3	,		ŕ	,	ŕ	,	,	,	Ĺ	,	,		,
	Base Fluid Added	469	438	18	189	23	90	139	58													
	Barite Increase			7			-	-	69													
367	Weighted Mud Added				367		-	-	-													
-	Slurry Added						-		-													
380	Water Added	60	81			39	60	100	40													
18	Added for Washout		18				-	-	-													
2,363	Total Additions	557	557	25	556	79	163	258	170	-	-	-	-	-	-	-	-	-	-	-	-	-
315	Surface Losses	8	56	40		13	25	150	23													
	Formation Loss		87	80	72		-	-	-													
	Mud Loss to Cuttings	213	290			22	128	61	8													
131	Unrecoverable Volume				25		-	56	50													
206	Centrifuge Losses		9		84	3	30	50	30													
1.612	Total Losses	221	442	120	181	38	183	317	111	_	_	_	_	_	_	_	_	_	_	_	_	_
•					.01		.00	0.7														
•	Mud Transferred Out																					
3,693	Ending System Volume	3,279	3,394	3,299	3,673	3,714	3,694	3,634	3,693	3,693	3,693	3,693	3,693	3,693	3,693	3,693	3,693	3,693	3,693	3,693	3,693	3,693
•	Mud Recovered																					
				С	omment	s:					С	omment	s:					С	omment	s:		
		1/30/21	Skid over to 6,643'M	from the A-	1H, drilled	out at 16:30	Ohrs. Drille	d ahead	2/6/21	Drilled to	15142' PO	OH to chan	ge out BH	A .		2/13/21						
	1																					
3,309		1/31/21		to Evap 46. and Seepa		t 9bbls, Pits	s 10bbls Cu	ıttings	2/7/21							2/14/21						
		2/1/21	Running c	asing at 95	32'MD.				2/8/21							2/15/21						
		2/2/21	interface a	e 10.75" ca and 14bbls s s to seepag	spacer. Lo	ss to cent o	utting MW	84bbls	2/9/21							2/16/21						
		2/3/21		rve setion a					2/10/21							2/17/21						
		2/4/21		ead on late 10bbls (LC				g sweeps	2/11/21							2/18/21						
		2/5/21	Drilling ah and resum	ead. Perfor ne drilling.	m Wiper tri	p 10 stands	s. Back to	bottom	2/12/21							2/19/21						

110 Old Market St. St Martinville, LA 70582

TEL: (337) 394-1078

15.4° 2,852' TVD

Operator MAGN	IOLIA C	OIL & G	SAS	Contractor PA	TERSO	N	County / Paris WAS	HINGTO	N	_	or Start Date 01/14/2		24 hr ft	5		orilled I	15,14	2 ft	
Well Name and No.	ABINE	B 2-H		Rig Name ar	nd No. 248		State T	EXAS		Spud Da	ate 01/14/2		Current	t ROP	А	ctivity	TIH		
Report for				Report for			Field / OSC-G			Fluid Ty	•	(Circula	ting Rate	C	Circulat	ting Press	ure	
JAMES D	YER/JII	M HAR	RISON	То	ol Push	ner		DIGNS			OBM								
			TY SPECI	l	ı		MUD V	DLUME (BE	BL)		PUMP #			PUMP #2		RIS	ER BO	OST	ER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	780) bbl	Liner	Size 4	.75	Liner	Size 4.	75	Liner	Size		
8.6-12	5-20	7-13	>400	±265K	<10 <15	<8	In Hole	e 672	2 bbl	Stro	ke	12	Stro	oke 1	2	Stro	ke		
	MU	JD PROI	PERTIES	ı	I		Active	865	bbl	bbl/s	stk 0.	0625	bbl	/stk 0.00	625	bbl/	/stk		
Time Sample	Taken			3:00		13:30	Storag	e <u>228</u>	1 bbl	stk/r	min		stk/	min		stk/	min		
Sample Locati				suction		suction	Tot. on Lo	cation 373	3 bbl	gal/r	min		gal/	min		gal/	min		
Flowline Temp	erature °l			95 °F			Mud Wt. :		=10	YP:	=9 C	IRCUL	ATIO	N DATA	ı	n = 0	.610 K	. = 2	15.8
Depth (ft)				15,142'		15,142'	Bit	Depth = 83	36 '		Was	hout =	1%	F	Pump E	Efficie	ency =	95%	
Mud Weight (p	ppg)			9.5		9.5	Drill String	Volume	to Bit	10.1	bbl S	trokes T	o Bit		Т	ime 7	Γo Bit		
Funnel Vis (se	c/qt)		@ 75 °F	46		46	Disp.	Bottoms U	p Vol.	75.3	bbl Bot	tomsUp	Stks		Bottom	sUp	Time		
600 rpm				29		32	19.2 bbl	TotalCir				otalCirc.	.Stks		Total				
300 rpm				19		21		DRILLING	G ASS	SEMBL	LY DATA			S	OLIDS	COI	NTROL		
200 rpm				15		16	Tubulars	OD (in.)	ID	(in.)	Length	То	р	Unit		Scre	eens	Hou	ırs
100 rpm				12		12	Drill Pipe	4.500	3.8	326	-2,089'			Shaker	1	17	70		
6 rpm				6		6	Agitator	5.000	2.0	000	28'	-2,0	89'	Shaker	2	17	70		
3 rpm				5		5	Drill Pipe	4.500	3.8	326	2,755'	-2,0	61'	Shaker	3	17	70		
Plastic Viscos	ity (cp)		@ 150 °F	10		11	Dir. BHA	5.500	2.0	000	142'	69	4'	NOV Drying Sh	hakers	14	10		
Yield Point (lb.	/100 ft²)		T0 = 4	9		10		CASIN	IG & I	HOLE	DATA								
Gel Strength (lb/100 ft²)	10 :	sec / 10 min	5/9		5/9	Casing	OD (in.)	ID ((in.)	Depth	То	р	Centrifug	je 1	NC	ΟV		
Gel Strength (lb/100 ft2))	30 min	14		13	Riser							VOLUM	IE ACC	OUI	NTING	(bbls	5)
HTHP Filtrate	(cm/30 m	in)	@ 250 °F	6.0		6.0	Surface	10 3/4			2,893'			Prev. T	otal on	Loc	ation	369	92.8
HTHP Cake T	hickness	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.8	375	10,294'			Transfe	rred In	(+)/C	Out(-)		
Retort Solids (Content			11%		11%	Washout 1								Oil A	Adde	d (+)		
Corrected Soli	ds (vol%)			9.2%		9.3%	Washout 2							E	Barite A	Adde	d (+)		
Retort Oil Con	tent			70%		70%	Oper	Hole Size	6.8	318	15,142'			Other Pro	oduct l	Jsag	e (+)		
Retort Water (Content			19%		19%	AN	NULAR GE	ОМЕ	TRY 8	RHEOL	OGY		V	Nater A	Adde	d (+)		
O/W Ratio				79:21		79:21	annula	ar de	pth	velo	- 1			Lef	ft on C	uttino	gs (-)		
Whole Mud Cl	nlorides (r	ng/L)		44,000		43,000	sectio	n		ft/m	nin reg	lb/g	jal	E	Evap/ P	its/ (Cent		
Water Phase	Salinity (p	pm)		266,397		261,928								Non-Rec	overab	le Vo	ol. (-)		
Whole Mud Al	kalinity, P	om		2.5		2.1	6.875x	5 2	8'		lam	9.5	0	Est. T	otal on	Loc	ation	369	92.8
Excess Lime (lb/bbl)			3.3 ppb		2.7 ppb	6.875x4	1.5 2,7	783'		lam	9.5	0	Est. Loss	ses/Ga	ins (-)/(+)		40.6
Electrical Stab	ility (volts)		540 v		515 v	6.875x5	5.5 2,9	925'		lam	9.5	0	BIT	HYDRA	AULI	CS DA	TA	
Average Spec	ific Gravit	y of Solid	ds	3.17		3.17								Bit H.S.I.	Bit ∆	νP	Nozzle	s (32	nds)
Percent Low G	Gravity So	lids		4.9%		5%											18	18	18
ppb Low Grav	ty Solids			40 ppb		41 ppb								Bit Impact	Nozz Veloc		18	18	18
Percent Barite				4.3%		4.3%			ı					Force	(ft/se	,			
ppb Barite				62 ppb		62 ppb	BIT	DATA	Ма	nuf./Ty	/pe (GTD64N	И						
Estimated Total	al LCM in	System					Size	Depth In	Но	ours	Footage	ROP	ft/hr	Motor/M\	WD	Calc	. Circ. F	ress	sure
Sample Taker	Ву			A. ROMAN		M Washburb	6 3/4	15,142 ft				#DI\	//0!				58 p	si	
Afternoon Rema	arks/Recor	mmendati	ons:				Afternoon F	Rig Activity:	_				_						_
							6295 dowi Trip	flow che thruster,	ck, w moto pth a	ell sta or and ot time	ble, pum bit, mak	p slug e up ne	cont w Bl	ull up out o inue to pul HA #4. Su eceive 206	ll out o rface t	f hol est N	le to BI MWD -	HA, I goo	d.

Report #11 TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

93.2°

10,486' TVD

	NOLIA (OIL & (GAS	Contractor PA Rig Name ar	TTERSO	ON	_	Block IINGTO	N		rt Date /14/21	24 hr	0 ft			42 ft	t
Well Name and No.	SABINE	В 2-Н		Rig Name ar	248		State TE	EXAS		Spud Date 01/	14/21	Curre	ont ROP Oft/hr	Acti	'IH / C	ircul	late
Report for				Report for			Field / OCS-G #			Fluid Type		Circul	ating Rate	Circ	culating Pre	ssure	
JAMES D	YER/JI	M HAF	RRISON	То	ol Pusi	ner	GID	DIGNS		С	BM		399 gpm	1	4,92	1 ps	și <u> </u>
	MUD	PROPE	RTY SPECIF	ICATION	S	r	MUD VO	LUME (BE	BL)	PU	MP #1		PUMP #2	R	ISER B	oos	TER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	600	0 bbl	Liner Size	e 4.7	75 Line	er Size 4.	75 Lii	ner Size		
8.6-12	5-20	7-13	>400	±265K	<10 <15	<8	In Hole	600	6 bbl	Stroke	1:	2 Sti	roke 1	2	Stroke		
				2/7/21		2/6/21	Active	120	6 bbl	bbl/stk	0.06	625 bb	ol/stk 0.0	625	obl/stk	0.0	000
Time Sample	Taken			3:00		13:30	Storage	<u>255</u>	1 bbl	stk/min	70	6 stk	x/min 7	'6 s	stk/min		
Sample Locati	ion			suction		suction	Tot. on Loc	cation 375	7 bbl	gal/min	19	9 ga	I/min 1	99 (jal/min		0
Flowline Temp	erature °l	F					F	PHHP = 114	15	(CIRCUL	ATION DA	ATA	n:	= 0.610	K = 2	15.795
Depth (ft)				15,142'		15,142'	Bit C	epth = 15,	142 '		Wash	out = 1%		Pump Eff	iciency	= 95%	6
Mud Weight (p	opg)			9.5		9.5	Drill String	Volume	to Bit	213.6 bb	ol Str	okes To Bi	t 3,419	Tim	ne To Bit	22	min
Funnel Vis (se	ec/qt)		@ 70 °F	50		46	Disp.	Bottoms L	Jp Vol.	392.2 bb	ol Botto	msUp Stks	6,279	Bottoms	Up Time	41	min
600 rpm				29		32	85.8 bbl	TotalCi	rc.Vol.	1205.8 bl	bl To	alCirc.Stks	19,303	Total Ci	rc. Time	127	min
300 rpm				19		21		DRILLIN	G ASS	SEMBLY D	DATA		s	OLIDS C	ONTRO)L	
200 rpm				16		16	Tubulars	OD (in.)	ID	(in.) L	ength	Тор	Unit	S	creens	Но	ours
100 rpm				10		12	Drill Pipe	4.500	3.	826 1	2,217'	0'	Shaker	1	170	24	4.0
6 rpm				6		6	Agitator	5.000	2.	000	28'	12,217'	Shaker	2	170	24	4.0
3 rpm				5		5	Drill Pipe	4.500	3.	826 2	2,755'	12,245'	Shaker	3	170	24	4.0
Plastic Viscos	ity (cp)		@ 150 °F	10		11	Dir. BHA	5.500	2.	000	142'	15,000'	NOV Drying S	hakers	140	24	4.0
Yield Point (lb.	/100 ft²)		T0 = 4	9		10		CASI	IG & I	HOLE DAT	ГА						
Gel Strength (lb/100 ft²)	10) sec/10 min	5/9		5/9	Casing	OD (in.)	ID	(in.) [Depth	Тор	Centrifuç	ge 1	NOV	3	3.0
Gel Strength (lb/100 ft ²)		30 min	12		13	Riser						VOLUM	IE ACCC	UNTIN	G (bb	ls)
HTHP Filtrate	(cm/30 m	in)	@ 250 °F	7.0		6.0	Surface	10 3/4		2	2,893'	0'	Prev. T	otal on L	ocation	30	692.8
HTHP Cake T	hickness	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	875 1	0,294'	0'	Transfe	erred In(+)/Out(-)	:	206.0
Retort Solids (Content			11%		11%	Washout 1							Oil Ac	lded (+)		23.5
Corrected Soli	ids (vol%)			9.3%		9.3%	Washout 2							Barite Ac	lded (+)		0.0
Retort Oil Con	itent			70%		70%	Open	Hole Size	6.	818 1	5,142'		Other Pr	oduct Us	age (+)		0.0
Retort Water (Content			19%		19%	ANI	NULAR GE	ЕОМЕ	TRY & RH	IEOLOG	Υ	1 ,	Water Ac	lded (+)		20.0
O/W Ratio				79:21		79:21	annular	. m	eas.	velocity	flow	ECD	Le	ft on Cut	tings (-)		0.0
Whole Mud Cl	hlorides (r	ng/L)		43,000		43,000	section		epth	ft/min	reg	lb/gal	E	Evap/ Pit	s/ Cent		-50.0
Water Phase	Salinity (p	pm)		261,928		261,928		l					Non-Red	overable	Vol. (-)		135.5
Whole Mud Al	kalinity, P	om		2.5		2.1	6.875x4.	5 10	,294'	361.8	turb	10.41	Est. T	otal on L	.ocation	3.	756.8
Excess Lime (lb/bbl)			3.3 ppb		2.7 ppb	6.818x4.	5 12	,217'	372.6	turb	10.53	Est. Los	ses/Gain	s (-)/(+)		0.0
Electrical Stab	oility (volts)		540 v		515 v	6.818x5	5 12,	,245'	454.9	turb	10.53	ВІТ	HYDRAL	JLICS E	DATA	
Average Spec	ific Gravit	v of Solic	ds	3.23		3.17	6.818x4.	.5 15	,000'	372.6	turb	10.78	Bit H.S.I.	Bit ΔP	Nozz	zles (3	2nds)
Percent Low 0				4.6%		5%	6.818x5.		,142'	602.0	turb	10.84	0.41	63 ps		18	18
ppb Low Grav				38 ppb		41 ppb		-			-			Nozzle	_	18	18
Percent Barite				4.6%		4.3%							Bit Impact Force	Velocit (ft/sec	y		
ppb Barite				67 ppb		62 ppb	BIT D	ATA	Ma	anuf./Type	G ⁻	TD64M	169 lbs	86			
Estimated Tot	al LCM in	System	ppb	115-		1154	Size	Depth In	-	<u> </u>		ROP ft/hr	1	<u> </u>	alc. Circ	. Pres	ssure
Sample Taker			11-	A. ROMAN	0	M Washburb	6 3/4	15,142 ft		0.0	0 ft	#DIV/0!	2,240			0 psi	
Remarks/Reco		onai		<u> </u>	<u> </u>	<u> </u>	Ria Activity:						1 , - 1				

OBM RECEIVED: 3515bbls Rec. 206bbls/ 16.0ppg

OBM ON SURFACE__ 3151bbls (Storage + Active)

OBM LOSS__Daily (-bbl)__Total (-75bbl)

MWD Temp: --- Deg.

Rig Activity:

In the past 24hrs: POOH and change out BHA. Bit showed 1 chiped cutter and motor in fair condition. Picked up new bit, Motor and start TIH 800'. Perform Rig service and Slip & Cut Drill line. Resume TIH to 9000', install rotating head and Pump BU. No heavy mud at this point. Continue TIH to 12000' circulate 2nd. BU. Capture heavy mud in the trip tank and forward it to slug tank, max density noted was 15.6ppg total recovered 160bbls (11.5 to 15.6ppg). Continue to Strip in the hole back to bottom. Casing pressure 550 to 450psi while striping in the hole. At the time of report: Reach Bottom, set circulation and resume drilling operations passing 15158'.

Eı	ng. 1:	Mi	ke W	ashbı	urn	Er	ng. 2:	Adolf	Roman	WH 1:	MIDLA	.ND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
PI	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	used if the	user so		no representation	nas been prepared on is made as to the	\$1,910.00	\$69,802.57
													INCLUDIN	NG 3RD PAR	TY CHARGES	\$3,704.52	\$178,287.94

MATERIAL CONSUMPTION

Date 02/07/21	Operator MAGI	NOLIA OIL		Well Name a	ABINE B 2-	н	Rig Name an			rt #11
	DAILY	USAGE 8	COST				1			ATIVE
	7,112		Previous		Closing	Daily		Cur	n	
Item	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost	Usa		Cum Cos
SAPP (50)	50# sk	\$44.56	10		10				30	\$1,336.8
PHPA LIQUID (pail)	5 gal	\$41.36	60		60					
EVO-LUBE	gal	\$14.00	550		550					
NEW GEL (PREMIUM)			70		70					
ALUMINUM TRISTEARATE	25# sk	\$162.83	19		19					
CACL2 (50)	50# sk	\$14.32	120		120				531	\$7,603.9
LIME (50)	50# sk	\$5.00	180		180				326	\$1,630.0
OPTI - G	50# sk	\$30.59	160		160				160	\$4,894.4
BENTONE 38 (50)	50# sk	\$163.94								
BENTONE 910 (50)	50# sk	\$59.40	55		55				22	\$1,306.8
BENTONE 990 (50)	50# sk	\$83.59	47		47				45	\$3,761.5
OPTI - MUL	gal	\$10.75	220		220				385	\$4,138.7
OPTI - WET	gal	\$8.34	275		275				220	\$1,834.8
NEW PHALT	50# sk	\$38.72	170		170				90	\$3,484.8
OIL SORB (25)	25# sk	\$4.75							40	\$190.0
BENTONE 42 (50)	50# sk	\$327.26	67		67				13	\$4,254.3
NewCarb UltiMix	50# sk	\$6.35	30		30				50	\$317.5
NEW CARB (M)	50# sk	\$5.25	92		92				55	\$288.7
CYBERSEAL	25# sk	\$21.47								
MAGMAFIBER F (25)	25# sk	\$28.05	132		132				46	\$1,290.3
MAGMAFIBER R (30)	30# sk	\$28.05								
VARISEAL	50# sk	\$26.50	20		20					
FIBER PLUG	30# sk	\$30.37								
NUT PLUG M (50)	50# sk	\$12.04	55		55					
COTTON SEED HULLS (50)	50# sk	\$12.23	156		156					
NEW WATE (SACK BARITE)	100# sk	\$11.50	180		180					
, , ,					-			<u> </u>	000	Ф7 CEO 4
BARITE BULK (100)	100# sk	\$7.00	1280		1280				093	\$7,652.4
							<u> </u>			
							<u> </u>			
									1	
OPTI DRILL (OBM)	bbl	\$65.00	2878	206	3084				1	
DISCOUNTED OBM	bbl	\$10.00	79		79					
Magnolia Owned OBM	bbl		311		242	69			253	
Magnolia Owned LGS	bbl		352		352					
							İ			
ENGINEERING (24 HR)	each	\$925.00				2	\$1,850.00		20	\$18,500.0
ENGINEERING (DIEM)	bbl	\$30.00				2			20	\$600.0
ENGINEERING (MILES)	each	\$1.00					,,,,,,,	 	049	\$1,049.0
	Caon	ψ1.00							- 10	+ .,o ro.(
	- 						<u> </u>	 		
							1	 		
TRUCKING (cwt)	00-6	60.05						 	640	\$4.240
	each	\$2.65					1	<u> </u>	640	
FRUCKING (min) PALLETS (ea)	each	\$650.00 \$12.00						<u> </u>	1	\$650.0 \$348.0
SHRINK WRAP (ea)	each each	\$12.00							29 27	\$324.0
ZIII (Ea)	EdCII	00.∠.پ	l				1		4 1	ψυ24.(
								J.		

THIRD PARTY COST SHEET

Date	Operator			Well Name a	ınd No.		Rig Name an	d No.	Report No.	
02/07/21	MAGI	NOLIA OIL	& GAS	S	ABINE B 2	-Н	24	48	Repo	rt #11
	DAILY	USAGE 8	k COST						CUMUI	LATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost	-	Cum Usage	Cum Cost
TURBO CHEM / FIRST RESPONSE	25# sk	\$41.75	265		265			-	75	\$3,131.25
TURBO CHEM SYNSEAL	25# sk	\$85.00	100		100			-		
TRUBO CHEM PALLETS & SHRINK WRAP	each	\$40.00						-	8	\$320.00
								-		
								_		
OBM_D Skid Vol	gal	\$1.74						<u>-</u>	19278	\$33,543.72
OBM_D 1/29/21	gal	\$1.75						-		\$12,250.00
Diesel 1/30/21	gal	\$1.74						-		\$6,090.00
OBM_D 1/30/21 (2)	gal	\$1.74						-		\$12,185.22
OBM_D 1/30/21 (3)	gal	\$1.74						-		\$12,181.74
OBM_D 1/31/21	gal	\$1.74						-		\$12,180.00
OBM_D 2/1/21	gal	\$1.75			1015		04.704.50	-		\$12,250.00
Diesel Delivery 2/3/21	gal	\$1.82			4815		\$1,794.52	=	2392	\$4,353.44
Diesel Delivery 2/5/21	gal	\$1.82	7205		7205			-		
								=		
								=		
								-		
								-		
								=		
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								-		
								-		
					Daily S	ub-Total \$1	1,794.52		\$108,4	485.37
								ı L		
	Cum	ulative Total	AFS & 2rd	Party ¢170	287 94					
	Junit		a a a a	. a.e.y - φ170	.,_004					
Ī										

FLUID VOLUME ACCOUNTING

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: SAB

SABINE B 2-H

					WEEK 1				I			WEEK 2							WEEK 3			
	Date	1/30/21	1/31/21	2/1/21	2/2/21	2/3/21	2/4/21	2/5/21	2/6/21	2/7/21	2/8/21	2/9/21	2/10/21	2/11/21	2/12/21	2/13/21	2/14/21	2/15/21	2/16/21	2/17/21	2/18/21	2/19/21
		Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Bit Size	9 7/8	9 7/8	9 7/8	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4												
Grand	Starting Depth	2,894	6,643	10,303	10,315	10,315	10,775	13,613	14,961	15,142	15,142											
Totals	Ending Depth	6,643	10,303	10,315	10,315	10,775	13,613	14,961	15,142	15,142												
	Footage Drilled	3,749	3,660	12	-	460	2,838	1,348	181	-	-	-	-	-	_		_	-	-	-	_	_
,	New Hole Vol.	356	347	1	-	20	126	60	8	-	-				_		-	_		_	_	_
	Starting System Volume	2,942	3,279	3,394	3,299	3,673	3,714	3,694	3,634	3,693	3,757	3,757	3,757	3,757	3,757	3,757	3,757	3,757	3,757	3,757	3,757	3,757
	Chemical Additions	2,342	20	3,334	3,233	17	13	18	3,034	-	3,737	3,737	3,737	3,737	3,737	3,737	3,737	3,737	3,737	3,737	3,737	3,737
	Base Fluid Added	469	438	18	189	23	90	139	58	24												
,	Barite Increase	703	430	7	103	20	-	-	69	-												
	Weighted Mud Added			,	367		-	-	-	206												
	Slurry Added				001		_	-	_	-												
	Water Added	60	81			39	60	100	40	20												
	Added for Washout		18				-	-	-	-												
	Total Additions	557	557	25	556	79	163	258	170	250	-	-	-	-	-	-	-	-	-	-	-	_
, -	Surface Losses	8	56	40		13	25	150	23	-							-					1
	Formation Loss	0	87	80	72	10	-	-	-	-												
	Mud Loss to Cuttings	213	290	- 00	12	22	128	61	8	-												
	Unrecoverable Volume	210	200		25		-	56	50	136												
	Centrifuge Losses		9		84	3	30	50	30	50												
												1	1		1		1	1			1	1
1,797	Total Losses	221	442	120	181	38	183	317	111	186	-	-	-	-	-	-	-	-	-	-	-	-
-	Mud Transferred Out																					
3,757	Ending System Volume	3,279	3,394	3,299	3,673	3,714	3,694	3,634	3,693	3,757	3,757	3,757	3,757	3,757	3,757	3,757	3,757	3,757	3,757	3,757	3,757	3,757
-	Mud Recovered																					
				C	omment	s:					C	omment	s:					С	omment	s:		
						.						011111101110							011111101110	<u>. </u>		
		1/30/21	Skid over to 6,643'M	from the A-	1H, drilled	out at 16:30	Ohrs. Drille	d ahead	2/6/21	Drilled to 1	5142' PO	OH to chan	ge out BHA	۸.		2/13/21						
]																					
3,515				o Evap 46. and Seepa		t 9bbls, Pits	ร 10bbls Cเ	ıttings	7/7/7	Pick up ne resume dri		H, circulate	kill mud. R	each botto	m and	2/14/21						
	•	2/1/21 Running casing at 9582'MD.							2/8/21							2/15/21						
		Cement the 10.75" casing with full returns, dumped 25bbls																				
		2/2/21 interface and 14bbls spacer. Loss to cent cutting MW 84bbls and 72bbls to seepage running casing and circulaing the hole.							2/9/21							2/16/21						
		2/3/21 Drilling curve setion at 10,775'MD with 8.7ppg MW.							2/10/21							2/17/21						
			Drilling ah	ead on late	al section	MM/ 0.0																
		2/4/21		10bbls (LC				g sweeps	2/11/21							2/18/21						

110 Old Market St.

St Martinville, LA 70582

93.1° 10,482' TVD

Operator			Contractor			County / Parish	n / Block		Engineer S	start Date	24 hr	ftg.		Drilled D	Depth		
MAGNOLIA (OIL & G	AS		TERSO	N	WASI	HINGTO	N		/14/21					15,20	4 ft	t
Well Name and No.	вац		Rig Name ar			State	EVAC		Spud Date	/14/21		ent ROP	,	Activity	ו וום	INIC	_
SABINE Report for	В ∠-П		Report for	248		Field / OSC-G	EXAS		Fluid Type	/14/21		4 ft/hr			RILL ing Pres		
JAMES DYER/JI	M HAR	RISON	То	ol Push	ner	GIE	DIGNS		(ОВМ		399 gpn	า	4	,616	ps	i
MUD	PROPER	TY SPECII	FICATION	S		MUD VC	LUME (BE	BL)	PI	JMP #1		PUMP #2		RISI	ER BC	OST	TER
Weight PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	600	bbl	Liner Siz	ze 4.	75 Line	er Size 4	.75	Liner	Size		
8.6-12 5-20	7-13	>400	±265K	<10 <15	<8	In Hole	608	bbl	Stroke	1	2 St	roke	12	Stro	ke		
M	UD PROF	ERTIES				Active	1208	3 bbl	bbl/stk	0.0	625 bl	ol/stk 0.0	0625	bbl/s	stk		
Time Sample Taken			3:00		12:30	Storage	e <u>2551</u>	l bbl	stk/mir	n 7	6 st	k/min	76	stk/r	min		
Sample Location			suction		shaker	Tot. on Loc	cation 3759	bbl	gal/mir	ո 19	99 ga	ıl/min 1	99	gal/r	min		
Flowline Temperature °	F				105 °F	Mud Wt. =	9.5 PV=	=10	YP=9	CII	RCULATI	ON DATA	I	n = 0	.610 I	K = 2	215.8
Depth (ft)			15,142'		15,204'	Bit C	epth = 15,2	204 '		Wash	out = 1%		Pump	Efficie	ency =	95%	6
Mud Weight (ppg)			9.5		9.4	Drill String	Volume	to Bit	214.4 b	bl Str	okes To B	it 3,433	7	Γime T	o Bit	23 ו	min
Funnel Vis (sec/qt)		@ 72 °F	50		43	Disp.	Bottoms Up	o Vol.	393.8 b	bl Botto	msUp Stk	s 6,304	Bottor	nsUp [·]	Time	41 r	min
600 rpm			29		28	86.1 bbl	TotalCirc	c.Vol.	1208.2 k	obl To	talCirc.Stk	s 19,342	Total	Circ.	Time	127	min
300 rpm			19		19		DRILLING	S ASS	SEMBLY	DATA		8	OLIDS	CON	NTROL		
200 rpm			16		16	Tubulars	OD (in.)	ID ((in.) L	ength	Тор	Unit		Scre	ens	Ho	urs
100 rpm			10		11	Drill Pipe	4.500	3.8	326 1	2,279'		Shake	r 1	17	0		
6 rpm			6		6	Agitator	5.000	2.0	000	28'	12,279'	Shake	r 2	17	0		
3 rpm			5		5	Drill Pipe	4.500	3.8	326	2,755'	12,307'	Shake	r 3	17	0		
Plastic Viscosity (cp)	, , , ,				9	Dir. BHA	5.500	2.0	000	142'	15,062'	NOV Drying S	Shakers	14	0		
Yield Point (lb/100 ft²)	T0 = 4	9		10		CASIN	G & F	HOLE D	ATA								
Gel Strength (lb/100 ft²)	10 s	ec / 10 min	5/9		5/9	Casing	OD (in.)	ID ((in.)	Depth	Тор	Centrifu	ge 1	NC	V		
Gel Strength (lb/100 ft2)	30 min	12		11	Riser						VOLU	/IE AC	COUN	NTING	(bbl	ls)
HTHP Filtrate (cm/30 m	nin)	@ 250 °F	7.0		6.6	Surface	10 3/4		;	2,893'		Prev.	Γotal or	n Loca	ation	37	756.8
HTHP Cake Thickness	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.8	375 1	0,294'		Transfe	erred Ir	n(+)/O	out(-)		
Retort Solids Content			11%		11%	Washout 1							Oil	Adde	d (+)		
Corrected Solids (vol%)		9.3%		9.3%	Washout 2							Barite	Adde	d (+)		
Retort Oil Content			70%		69%	Open	Hole Size	6.8	318 1	5,204'		Other P	roduct	Usage	e (+)		
Retort Water Content			19%		20%	ANI	NULAR GE	OME	TRY & F	RHEOLO	GY		Water	Adde	d (+)		
O/W Ratio			79:21		78:22	annula	i dei	oth	velocit	·	ECD	Le	eft on C	Cutting	js (-)		
Whole Mud Chlorides (mg/L)		43,000		44,500	section	ו ו		ft/min	reg	lb/gal	-	Evap/ I				
Water Phase Salinity (p	ppm)		261,928		258,654							Non-Red	coveral	ole Vo	ol. (-)		
Whole Mud Alkalinity, F	om		2.5		2.1	6.875x4	.5 10,2	294'	361.8	turb	10.41	Est.	Total or	n Loca	ation _	37	756.8
Excess Lime (lb/bbl)			3.3 ppb		2.7 ppb	6.818x4	.5 12,2	279'	372.6	turb	10.54	Est. Los	ses/Ga	ains (-	·)/(+)		2.5
Electrical Stability (volts	s)		540 v		590 v	6.818x	5 12,3	307'	454.9	turb	10.55	BIT	HYDR	AULI	CS DA	ATA	
Average Specific Gravi	ty of Solid	S	3.23		3.01	6.818x4	.5 15,0	062'	372.6	turb	10.80	Bit H.S.I.	Bit .	ΔΡ	Nozzle	es (32	2nds
Percent Low Gravity So	olids		4.6%		5.8%	6.818x5	.5 15,2	204'	602.0	turb	10.86	0.41	63	•	18	18	18
opb Low Gravity Solids			38 ppb		47 ppb							Bit Impact	Noz Velo		18	18	18
Percent Barite		4.6%		3.5%		Т					Force	(ft/s	· F				
ppb Barite			67 ppb		50 ppb	BIT D			nuf./Type		TD64M	169 lbs	86				<u> </u>
Estimated Total LCM in	System					Size	Depth In	Но	urs F	ootage	ROP ft/h				Circ.		
Sample Taken By A. ROMAN M Washbur						6 3/4	15,142 ft				#DIV/0!	2,240	psi		4,478	psi	

Ream and wash with new BHA #4 to btm at 15142, currently sliding at 2 - 4 ft/hr. Cuttings are consistently coffee ground sized 100% Austin Chalk. Pumping 10 bbls sweep every 15 minutes with Magmafiber F, First Response, Newcarb M, Newphalt, and Evolube as requested by Magnolia, flow properties enhanced with Bentone 990. Increasing mud wt from 9.4# to 9.8#. Ordered Polybeads and Graphite from Newpark Cotulla WH.

Report #12 TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

88.4° 10,490' TVD

Operator MAGI	NOLIA (OIL &	GAS	Contractor PA	TERSO	ON	County / Parish /	Block IINGTO	N	Engineer	Start Da		24 hr f	544 ft		Drilled E	Depth 15,68	36 ft
	SABINE	В 2-Н		Rig Name ar	nd No. 248			EXAS		_	1/14	/21	Currer	25 ft/hr				LING
Report for JAMES D	VED/II		DDISON	Report for	ol Pusi	hor	Field / OCS-G #	DIGNS		Fluid Type	• OB	м		ating Rate 399 gpm		Circulati	-	sure psi
JANESL			RTY SPECIF			ICI) \		PUMF			PUMP #2				OOSTER
Weight	PV	YP	E.S.	CaCl2	GELS	НТНР	In Pits	LUME (BE	bbl 9 bbl	Liner		4.75	Lino		75	Liner		JOSTER
8.6-12	5-20	7-13	>400	±265K	<10 <15	<8	In Hole		7 bbl	Strok		12			2	Stro		
0.0-12	3-20	7-13	>400	2/8/21	<10 <15	2/7/21	Active		6 bbl	bbl/s		0.0625			625	bbl/s		0.0000
Time Sample	Takon			3:00		12:30	Storage		1 bbl	stk/m		76			76	stk/r		0.0000
Sample Locati				suction		shaker		220 cation 367		gal/n		199			99	gal/r		0
Flowline Temp		 F		100 °F		105 °F		PHHP = 112		gairii		CULATI	Ŭ		00			K = 125.689
Depth (ft)	ociatare i			15,684'		15,204'		Depth = 15.				Vashout			Pumn	Efficie		
Mud Weight (r	nna)			10.1		9.4		-,		221.3			s To Bit					23 min
Funnel Vis (se	. 07		@ 72 °F	46		43	Drill String Disp.	Bottoms L				Bottomsl				msUp		43 min
600 rpm	.0/91/		<u> </u>	29		28	88.8 bbl			1396.4			irc.Stks	,		•		147 min
300 rpm				18		19	00.0 22.	DRILLIN								S CON		
200 rpm				15		16	Tubulars	OD (in.)		(in.)	Len		Тор	Unit		Scre		Hours
100 rpm				10		11	Drill Pipe	4.500		826	12,7		0'	Shaker	· 1	17		24.0
6 rpm				6		6	Agitator	5.000	2.	000	28		2,761'	Shakei	. 2	17	0	24.0
3 rpm				5		5	Drill Pipe	4.500	3.	826	2,7	55' 12	2,789'	Shaker	. 3	17	0	24.0
Plastic Viscos	ity (cp)		@ 150 °F	11		9	Dir. BHA	5.500		000	14		5,544'	NOV Drying S		14	0	24.0
Yield Point (lb/			T0 = 4	7		10		CASIN	IG & F	HOLE D	ATA			-				
Gel Strength (10	0 sec/10 min	5/10		5/9	Casing	OD (in.)	ID	(in.)	Dep	oth	Тор	Centrifuç	ge 1	NC	V	2.0
Gel Strength (lb/100 ft ²)		30 min	14		11	Riser							VOLUN	IE AC	COUN	ITING	(bbls)
HTHP Filtrate	(cm/30 m	in)	@ 250 °F	6.0		6.6	Surface	10 3/4			2,89	93'	0'	Prev. T	otal o	n Loca	ation	3756.8
HTHP Cake T	hickness	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	875	10,2	94'	0'	Transfe	erred li	n(+)/O	ut(-)	
Retort Solids (Content			14%		11%	Washout 1								Oil	Adde	d (+)	103.1
Corrected Soli	ds (vol%)			12.3%		9.3%	Washout 2								Barite	Adde	d (+)	40.6
Retort Oil Con	tent			67%		69%	Oper	n Hole Size	6.	818	15,6	86'		Other Pr	roduct	Usage	e (+)	23.6
Retort Water (Content			19%		20%	ANI	NULAR GE	OME	TRY &	RHEC	LOGY		,	Water	Adde	d (+)	50.0
O/W Ratio				78:22		78:22	annular	r me	eas.	veloc	city	flow I	ECD	Le	ft on C	Cutting	js (-)	-24.6
Whole Mud Cl	nlorides (r	ng/L)		42,000		44,500	section		epth	ft/m			o/gal	1	Evap/	Pits/ C	Cent	-50.0
Water Phase	Salinity (p	pm)		257,405		258,654		I		I				Non-Red	overa	ble Vo	ol. (-)	-222.1
Whole Mud Al	kalinity, P	om		2.0		2.1	6.875x4.	.5 10,	294'	361	.8	turb 1	1.09	Est. 7	otal o	n Loca	ation	3677.4
Excess Lime (lb/bbl)			2.6 ppb		2.7 ppb	6.818x4.	.5 12,	761'	372	.6	turb 1	1.29	Est. Los	ses/G	ains (-	-)/(+)	0.0
Electrical Stab	ility (volts)		565 v		590 v	6.818x5	5 12,	789'	454	.9	turb 1	1.31	BIT	HYDR	RAULI	CS D	ATA
Average Spec	ific Gravit	y of Solid	ds	3.23		3.01	6.818x4.	.5 15,	544'	372	.6	turb 1	1.60	Bit H.S.I.	Bit	ΔΡ	Nozzl	es (32nds)
Percent Low C	Fravity So	lids		6.1%		5.8%	6.818x5.	.5 15,	686'	602	.0	turb 1	1.68	0.43	67	psi	18	18 18
ppb Low Grav	ity Solids			50 ppb		47 ppb]							Bit Impact	Noz		18	18 18
Percent Barite	!			6.2%		3.5%]							Force	Velo (ft/s	-		
ppb Barite				89 ppb		50 ppb	BIT D	ATA	Ma	anuf./Ty	ре	GTD	64M	180 lbs	8	6		
Estimated Tot	al LCM in	System	ppb				Size	Depth In	Н	ours	Foot	age RC	P ft/hr	Motor/M	WD	Calc.	Circ.	Pressure
Sample Taker	в Ву			A. ROMAN	0	M Washburb	6 3/4	15,142 ft	2	2.0	544	l ft	24.7	2,240	psi		4,704	psi
		_									_						_	

Remarks/Recommendations:

OBM RECEIVED: 3515bbls Rec. 206bbls/ 16.0ppg

OBM ON SURFACE__ 3151bbls (Storage + Active)

OBM LOSS__Daily (-80bbl)__Total (-155bbl)

MWD Temp: 291 Deg.

Rig Activity:

In the past 24hrs: We continue drilling ahead inlateral section, formation samples showing 100%AC. @15,193' Start implementing 10bbl Sweeps every 15min with 10ppb Polymer Beads & 2.5ppb Graphite. Incrementing ROP while Sliding F/4-6 T/7-17ft/hr. Rotating ROP steady F/170 T/200+ ft/hr. By eliminating LCM from sweeps, well start showing signs of seepage. Start 10ppb LCM Sweeps while while rotating 10bbls (MagmaFiber/1st response + NewCarb & NewPhalt 2.5ppb/ea). Pump Rate maintain @390-400gpm. Diesel / Water and chemical additions to maintain properties and addition. Muc Chiller running. At the time of report: Continue Drilling operations passing 15688'.

Е	ng. 1:	Mi	ke W	ashb	urn	Eı	ng. 2:	Adolf	o Roman	WH 1:	MIDLANI	D \	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Р	hone:	36	61-94	15-57	77	PI	hone:	956-8	321-9994	Phone:	432-686-73	361 P	hone:	-			
W 1	P 1	Y 1	E 1	C 1	g 1	G 1	H 1	O 1	carefully	and may be		ser so elects	, howeve	'	as been prepared n is made as to the	\$41,292.10	\$111,094.67
												II	NCLUE	ING 3RD PART	Y CHARGES	\$49,529.59	\$227,817.53

MATERIAL CONSUMPTION

Date 02/08/21	Operator MAG I	NOLIA OIL		Well Name a	ind No. ABINE B 2 -	н	Rig Name and 24	Report No. Repo	rt #12
	DAILY	USAGE 8	& COST	•				CUMUI	ATIVE
			Previous		Closing	Daily		Cum	
ltem	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost	Usage	Cum Cost
SAPP (50)	50# sk	\$44.56	10		10			30	\$1,336.80
PHPA LIQUID (pail)	5 gal	\$41.36	60		60				** ***
EVO-LUBE	gal	\$14.00	550 70		400 70	150	\$2,100.00	150	\$2,100.00
NEW GEL (PREMIUM) ALUMINUM TRISTEARATE	25# sk	\$162.83	19		19				
ALUWINGWI TRISTEARATE	20# SK	\$102.03	19		19				
CACL2 (50)	50# sk	\$14.32	120		100	20	\$286.40	551	\$7,890.32
LIME (50)	50# sk	\$5.00	180		140	40	\$200.00	366	\$1,830.00
OPTI - G BENTONE 38 (50)	50# sk 50# sk	\$30.59 \$163.94	160		120	40	\$1,223.60	200	\$6,118.00
BENTONE 910 (50)	50# sk	\$59.40	55		53	2	\$118.80	24	\$1,425.60
BENTONE 990 (50)	50# sk	\$83.59	47		42	5		50	\$4,179.50
OPTI - MUL	gal	\$10.75	220		220		ψ111100	385	\$4,138.75
OPTI - WET	gal	\$8.34	275		275			220	\$1,834.80
NEW PHALT	50# sk	\$38.72	170		150	20	\$774.40	110	\$4,259.20
OIL SORB (25)	25# sk	\$4.75						40	\$190.00
BENTONE 42 (50)	50# sk	\$327.26	67		62	5	\$1,636.30	18	\$5,890.68
NowCarb HH:Mix	FO# -1	#0.05	00		00	40	# 00.50	00	#204.00
NewCarb UltiMix NEW CARB (M)	50# sk 50# sk	\$6.35 \$5.25	30 92		20 82	10		60 65	\$381.00 \$341.25
CYBERSEAL	25# sk	\$21.47	92		02	10	φ52.50	00	Φ341.23
MAGMAFIBER F (25)	25# sk	\$28.05	132		115	17	\$476.85	63	\$1,767.15
MAGMAFIBER R (30)	30# sk	\$28.05	102		110	.,	ψ17 0.00		ψ1,707.10
VARISEAL	50# sk	\$26.50	20		20				
FIBER PLUG	30# sk	\$30.37							
NUT PLUG M (50)	50# sk	\$12.04	55		55				
COTTON SEED HULLS (50)	50# sk	\$12.23	156		156				
GRAPHITE - FINE (50)	50# sk	\$24.14		69	52	17	\$410.38	17	\$410.38
POLYBEADS FINE (50)	50# sk	\$311.38		360	280	80	\$24,910.40	80	\$24,910.40
NEW WATE (SACK BARITE)	100# sk	\$11.50	180		180				
BARITE BULK (100)	100# sk	\$7.00	1280	403	1100	583	\$4,079.60	1676	\$11,732.00
(11)		,					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		, ,
OPTI DRILL (OBM)	bbl	\$65.00	3084		3084				
DISCOUNTED OBM	bbl	\$10.00	79		79				
Magnolia Owned OBM	bbl		242		162	80		333	
Magnolia Owned LGS	bbl		352		352				
ENGINEERING (24 HR)	each	\$925.00				2	\$1,850.00	22	\$20,350.00
ENGINEERING (DIEM)	bbl	\$30.00				2		22	\$660.00
ENGINEERING (MILES)	each	\$1.00						1049	\$1,049.00
						_			
TRUCKING (cwt)	each	\$2.65				403		2043	. ,
TRUCKING (min)	each	\$650.00				2		3	\$1,950.00
PALLETS (ea)	each	\$12.00				11		40	\$480.00
SHRINK WRAP (ea)	each	\$12.00				11	\$132.00	38	\$456.00
		Daily S	ub-Total \$4	1,292.10	Cumulativ	ve Total \$1	11,094.67	\$111,0	094.67

THIRD PARTY COST SHEET

Date	Operator			Well Name a	ind No.		Rig Name ar	id No.	Report No.	
02/08/21	MAG	NOLIA OIL	& GAS	S	ABINE B 2	-Н	2	48	Repo	rt #12
	DAILY	USAGE 8	k COST						СПМП	LATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
TURBO CHEM / FIRST RESPONSE	25# sk	\$41.75	265		250	15	\$626.25		90	\$3,757.50
TURBO CHEM SYNSEAL	25# sk	\$85.00	100		100					
TRUBO CHEM PALLETS & SHRINK WRAP	each	\$40.00							8	\$320.00
OBM_D Skid Vol	gal	\$1.74								\$33,543.72
OBM_D 1/29/21	gal	\$1.75								\$12,250.00
Diesel 1/30/21	gal	\$1.74								\$6,090.00
OBM_D 1/30/21 (2)	gal	\$1.74								\$12,185.22
OBM_D 1/30/21 (3)	gal	\$1.74								\$12,181.74
OBM_D 1/31/21	gal	\$1.74								\$12,180.00
OBM_D 2/1/21	gal	\$1.75			600	44.00	Ф7 C44 O4			\$12,250.00 \$11,964.68
Diesel Delivery 2/3/21 Diesel Delivery 2/5/21	gal	\$1.82 \$1.82	4815 7205		633 7205	4182	\$7,611.24		6574	\$11,964.66
Diesei Delivery 2/3/21	gal	\$1.02	7203		7203					
	<u> </u>									
	<u> </u>									
					Daily S	ub-Total \$8	3,237.49		\$116,7	722.86
									1	
	Cumi	ılative Total	AES & 3rd	Party \$227	,817.53					
				,						

FLUID VOLUME ACCOUNTING

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name:

Well Name:

MAGNOLIA OIL & GAS

248

SABINE B 2-H

					WEEK 1				I			WEEK 2							WEEK 3			
	Date	1/30/21	1/31/21	2/1/21	2/2/21	2/3/21	2/4/21	2/5/21	2/6/21	2/7/21	2/8/21	2/9/21	2/10/21	2/11/21	2/12/21	2/13/21	2/14/21	2/15/21	2/16/21	2/17/21	2/18/21	2/19/21
		Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Bit Size	9 7/8	9 7/8	9 7/8	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4											
Grand	Starting Depth	2,894	6,643	10,303	10,315	10,315	10,775	13,613	14,961	15,142	15,142	15,686										
Totals	Ending Depth	6,643	10,303	10,315	10,315	10,775	13,613	14,961	15,142	15,142	15,686											
	Footage Drilled	3,749	3,660	12	-	460	2,838	1,348	181	-	544	-	_	_	_	_	_	_		-	_	_
·		356	3,000	12	-	20	126	60	8		24		-	-	-	-	-	-	-		-	-
	New Hole Vol.												1						1			
	Starting System Volume Chemical Additions	2,942	3,279	3,394	3,299	3,673	3,714	3,694	3,634	3,693	3,757	3,677	3,677	3,677	3,677	3,677	3,677	3,677	3,677	3,677	3,677	3,677
	Base Fluid Added	28 469	20 438	18	189	23	13 90	18 139	58	- 24	23 103											
	Barite Increase	409	430	7	109	23	-	-	69	-	41											
	Weighted Mud Added			1	367		-	-	-	206												
	Slurry Added				307		-	-	_	-	-											-
		60	81			39	60	100	40	20	50											-
	Water Added Added for Washout	00	18			39	-	-	- 40	-	- 50		1						1			1
				0.5		7.							-						-			-
_,==	Total Additions	557	557	25	556	79	163	258	170	250	217	-	-	-	-	-	-	-	_	-	-	-
437	Surface Losses	8	56	40		13	25	150	23	-	122											
	Formation Loss		87	80	72		-	-	-	-	100											
	Mud Loss to Cuttings	213	290			22	128	61	8	-	25											
	Unrecoverable Volume				25		-	56	50	136												
306	Centrifuge Losses		9		84	3	30	50	30	50	50								Į.			
2,094	Total Losses	221 442 120 181 38 183 317 111 186 297							-	-	-	-	-	-	-							
-	Mud Transferred Out																					
3,677	Ending System Volume	3,279	3,394	3,299	3,673	3,714	3,694	3,634	3,693	3,757	3,677	3,677	3,677	3,677	3,677	3,677	3,677	3,677	3,677	3,677	3,677	3,677
-	Mud Recovered																					
					omment							omment	· · ·						omment			•
					Ullillelle	s.						Omment	3.						Omment	s.		
		1/30/21	Skid over to 6,643'M	from the A-	1H, drilled	out at 16:3	Ohrs. Drille	ed ahead	2/6/21	Drilled to 1	15142' PO	OH to chan	nge out BHA	λ.		2/13/21						
3,515		1/31/21		to Evap 46. and Seepa		t 9bbls, Pits	s 10bbls Cu	uttings		Pick up ne resume dr		H, circulate	kill mud. R	each botto	m and	2/14/21						
	!	289.5bbls and Seepage 87bbls 2/1/21 Running casing at 9582'MD.											lymer Bead M sweeps			2/15/21						
		Cement the 10.75" casing with full returns, dumped 25bbls interface and 14bbls spacer. Loss to cent cutting MW 84bl and 72bbls to seepage running casing and circulaing the ho							2/9/21							2/16/21						
		2/3/21 Drilling curve setion at 10,775'MD with 8.7ppg MW.							2/10/21							2/17/21						
		2/4/21 Drilling ahead on lateral section. MW 8.8ppg, pumiping swee every 300' 10bbls (LCM). 400gpm pump rate,							2/11/21							2/18/21						
		2/5/21	Drilling ah and resum	ead. Perfor e drilling.	m Wiper tri	p 10 stand	s. Back to	bottom	2/12/21							2/19/21						

110 Old Market St.

St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

90.2° 10,598' TVD

Operator MAGN Well Name and No.	IOLIA C	OIL &	GAS	Contractor PAT Rig Name ar	TTERSO	N	County / Parisi WASI State	n / Block HINGTO	N	_	er Start Date 01/14/2 Date	1	24 hr ft Curren			Drilled I	15,69	96 ft	•
S	ABINE	B 2-H			248		Т	EXAS			01/14/2	1					PO	ЭН	
Report for	VED/111			Report for			Field / OSC-G			Fluid T		(Circula	ting Rate		Circulat	ting Pres		
JAMES D					ol Push	ner		DIGNS			ОВМ			47 gpm			60		
10/ 11/			RTY SPECI					DLUME (BE			PUMP #1			PUMP #2			ER BO	oos	EK
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits		bbl						75	Liner			
8.6-12	5-20	7-13		±265K	<10 <15	<8	In Hole		bbl	Stro		12	Stro		2	Stro			
Time Comple		אין ענ	OPERTIES	2.00		12.00	Active		3 bbl	bbl		0625		/stk 0.0	025	bbl/			
Time Sample				3:00		13:00	Storag		1 bbl			18	stk/			stk/			
Sample Locati				suction		suction		cation 369				47		min		gal/		V 4	
Flowline Temp	erature *I			100 °F		45.000		10.1 PV		YP	_			N DATA	<u> </u>		.688		
Depth (ft)				15,684'		15,696'	Bit L	Depth = 12,				hout = '					ency =		
Mud Weight (p			0.70.7	10.1		10.0	Drill String Disp.	Volume				trokes T		,			Γο Bit		
Funnel Vis (se	c/qt)		@ 72 °F	46		44	·	Bottoms U				tomsUp		,			Time		
600 rpm				29		33	70.5 bbl	TotalCir				otalCirc.	.Stks	<u>, </u>			Time		mir
300 rpm				18		21					LY DATA				OLID		NTRO		
200 rpm				15		17	Tubulars	` ,		(in.)	Length	То	p	Unit		Scre		Но	urs
100 rpm				10		11	Drill Pipe	4.500		826	9,407'			Shaker		17			
6 rpm				6		6	Agitator	5.000		000	28'	9,40		Shaker		17			
3 rpm				5		5	Drill Pipe	4.500		826	2,755'	9,43		Shaker		17			
Plastic Viscosi	,		@ 150 °F	11		12	Dir. BHA	5.500		000	142'	12,1	90'	NOV Drying SI	hakers	14	10		
Yield Point (lb/			T0 = 4	7		9					DATA								
Gel Strength (b/100 ft²)	10) sec / 10 min	5/10		5/9	Casing	OD (in.)	ID	(in.)	Depth	То	р	Centrifug		NC			
Gel Strength (b/100 ft2))	30 min	14		11	Riser							VOLUM				`	
HTHP Filtrate	(cm/30 m	in)	@ 250 °F	6.0		6.6	Surface	10 3/4			2,893'			Prev. T	otal o	n Loc	ation	36	677.4
HTHP Cake TI	nickness ((32nds)	1	2.0		2.0	Int. Csg.	7 5/8	6.8	875	10,294'			Transfe	rred I	n(+)/C	Out(-)		
Retort Solids (Content			14%		13.5%	Washout 1								Oil	Adde	d (+)		
Corrected Soli	ds (vol%)			12.3%		11.8%	Washout 2							E	Barite	Adde	d (+)		
Retort Oil Con	tent			67%		66.5%	Open	Hole Size	6.8	818	15,696'			Other Pr	oduct	Usag	e (+)		
Retort Water 0	Content			19%		20%	AN	NULAR GE	OME	TRY	& RHEOL	OGY		١	Nater	Adde	d (+)		
O/W Ratio				78:22		77:23	annula	ae ae	pth		ocity flov			Let	ft on (Cutting	gs (-)		
Whole Mud Ch	nlorides (r	ng/L)		42,000		43,500	section	n		ft/n	nin reg	lb/g	jal	E	Evap/	Pits/ (Cent		
Water Phase \$	Salinity (p	pm)		257,405		254,320								Non-Rec	overa	ble Vo	ol. (-)		
Whole Mud Al	kalinity, P	om		2.0		1.9	6.875x4	1.5 9,4	107'	42	2.8 lam	10.4	42	Est. T	otal o	n Loc	ation _	36	677.4
Excess Lime (b/bbl)			2.6 ppb		2.5 ppb	6.875x	5 9,4	35'	52	2.0 lam	10.4	42	Est. Loss	ses/G	ains (-)/(+)		18.7
Electrical Stab	ility (volts)		565 v		590 v	6.875x4	1.5 10,	294'	42	2.8 lam	10.4	42	BIT	HYDF	AULI	CS D	ATA	
Average Spec	fic Gravit	y of So	lids	3.23		3.16	6.818x4	1.5 12,	190'	44	1.1 lam	10.4	45	Bit H.S.I.	Bit	ΔΡ	Nozzl	es (32	2nds)
Percent Low G	ravity So	lids		6.1%		6.3%	6.818x5	5.5 12,	332'	71	.3 lam	10.4	46	0.00	1	psi	18	18	18
ppb Low Gravi	ty Solids			50 ppb		52 ppb								Bit Impact	Noz Velo		18	18	18
Percent Barite				6.2%		5.5%			ı					Force	(ft/s	,			
ppb Barite	Barite					79 ppb	BIT [DATA	Ма	nuf./T	ype (GTD64N	M	3 lbs	1	0			
Estimated Total	al LCM in	Systen	n				Size	Depth In	Но	ours	Footage	ROP	ft/hr	Motor/M\	WD	Calc	. Circ.	Pres	sure
Sample Taken	Ву			A. ROMAN		M Washburb	6 3/4	15,142 ft	22	2.0	544 ft	24.	.7	2,240 p	osi		2,472	psi psi	
Afternoon Rema	arks/Recor	mmenda	ations:				swee F/ Fi back fill do	6-3/4" late eps every rst Respoi	15 m nse/ I of hol g. Tri _l	inutes Newc le to 1 p dep	s alternati arb M / N 13574 coi	ng with ewpha ntinue p	LCI It. At	ping 10 bb M sweeps 15696, tri ng out of ho 11952. M	conta p for ole pu	ining new E Impin	: Mag BHA, ig cald	ımafi culat	ber ed

Report #13 TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

0.0° 0' TVD

SABINE B 2-H 248 TEXAS 01/14/21 2 ft/hr	P/U BHA Circulating Pressure 60 psi RISER BOOSTER Liner Size Stroke bbl/stk 0.0000 stk/min gal/min 0 n = 0.632 K = 197.766 Efficiency = 95% Time To Bit insUp Time
Page	60 psi RISER BOOSTER Liner Size Stroke bbl/stk 0.0000 stk/min gal/min 0 n = 0.632 K = 197.766 Efficiency = 95%
Weight PV PV PV PV E.S. CaCl2 GELS HTHP In Pits 669 bbl Liner Size 4.75 Liner	RISER BOOSTER Liner Size Stroke bbl/stk 0.0000 stk/min gal/min 0 n = 0.632 K = 197.766 Efficiency = 95%
Weight PV YP E.S. CaCl2 GELS HTHP In Pits 669 bbl Liner Size 4.75 Liner Size Liner Size 4.75 Liner Size Liner Size Liner Size Liner Size Liner Size	Liner Size Stroke bbl/stk 0.0000 stk/min gal/min 0 n = 0.632 K = 197.766 Efficiency = 95%
8.6-12 5-20 7-13 >400 ±260K <10 <15 <8	Stroke bbl/stk 0.0000 stk/min gal/min 0 n = 0.632 K = 197.766 Efficiency = 95% Time To Bit
2/9/21 2/8/21 Active 669 bbl bbl/stk 0.0625 bbl/stk 0.	bbl/stk 0.0000 stk/min gal/min 0 n = 0.632 K = 197.766 Efficiency = 95%
Time Sample Taken 3:00 13:00 Storage 2332 bbl stk/min 0 stk/min 0 gal/min 0	stk/min gal/min 0 n = 0.632 K = 197.766 Efficiency = 95%
Sample Location suction suction Tot. on Location 3718 bbl gal/min 0 0 Depth (ft) 15,696' 15,696' Bit Depth = ' Washout = 1% Pump Ef Mud Weight (ppg) 10.1 10.0 Drill String Disp. Volume to Bit 0.0 bbl Strokes To Bit Tir Funnel Vis (sec/qt) © 70 °F 50 44 Poligo Bottoms Up Vol. 0.0 bbl Bottoms Up Vol. 0.0 bbl TotalCirc.Stks TotalCirc.Stks TotalCirc.Stks TotalCirc.Stks TotalCirc.Stks TotalCirc.Stks TotalCirc.Stks	gal/min 0 n = 0.632 K = 197.766 Efficiency = 95%
Flowline Temperature °F	n = 0.632 K = 197.766 Efficiency = 95% Time To Bit
Depth (ft) 15,696' 15,696' Bit Depth = ' Washout = 1% Pump Ef Mud Weight (ppg) 10.1 10.0 Drill String Disp. Volume to Bit 0.0 bbl Bottoms Up Vol. 0.0 bbl Bottoms Up Vol. 0.0 bbl Bottoms Up Vol. 0.0 bbl Bottoms Up Vol. 0.0 bbl TotalCirc.Stks Bottoms Up Vol. 0.0 bbl Bottoms Up Vol. 0.0 bbl TotalCirc.Stks Bottoms Up Vol. 0.0 bbl TotalCirc.Stks Total Circ.Stks	Efficiency = 95%
Mud Weight (ppg) 10.1 10.0 Drill String Disp. Volume to Bit O.0 bbl Strokes To Bit Bottoms Up Vol. O.0 bbl Total Circ. Stks Total Circ. Stks Bottoms Up Vol. O.0 bbl Dotal Circ. Stks Total Circ. Stks	Fime To Bit
Funnel Vis (sec/qt) @ 70 °F 50	
Funnel Vis (sec/qt) @ 70 °F 50 44 Disp. Bottoms Up Vol. 0.0 bbl BottomsUp Stks Bottoms 600 rpm 31 33 0.0 bbl TotalCirc.Vol. 669.0 bbl TotalCirc.Stks Total Circ.Stks Total Circ.Stks Total Circ.Stks Total Circ.Stks Total Circ.Stks SOLIDS (Inc.) 20 21 DRILLING ASSEMBLY DATA SOLIDS (Inc.) Solid Circ.Stks SOLIDS (Inc.) 20	nsUp Time
300 rpm 20 21 DRILLING ASSEMBLY DATA SOLIDS (200 rpm) 200 rpm 16 17 Tubulars OD (in.) ID (in.) Length Top Unit States of the control of the con	
200 rpm 16 17 Tubulars OD (in.) ID (in.) Length Top Unit S 100 rpm 11 11 11 prill Pipe 4.500 3.826 0' 0' Shaker 1 6 rpm 6 6 Agitator 5.000 2.000 0' Shaker 2 3 rpm 5 5 Drill Pipe 4.500 3.826 0' Shaker 3 Plastic Viscosity (cp) @ 150 °F 11 12 Dir. BHA 5.500 2.000 0' NOV Dryring Shakers	Circ. Time
100 rpm 11 11 Drill Pipe 4.500 3.826 0' 0' Shaker 1 6 rpm 6 6 Agitator 5.000 2.000 0' Shaker 2 3 rpm 5 5 Drill Pipe 4.500 3.826 0' Shaker 3 Plastic Viscosity (cp) @ 150 °F 11 12 Dir. BHA 5.500 2.000 0' NOV Drying Shakers	CONTROL
6 rpm 6 6 Agitator 5.000 2.000 0' Shaker 2 3 rpm 5 5 Drill Pipe 4.500 3.826 0' Shaker 3 Plastic Viscosity (cp) @ 150 °F 11 12 Dir. BHA 5.500 2.000 0' NOV Drying Shakers	Screens Hours
3 rpm 5 5 5 Drill Pipe 4.500 3.826 0' Shaker 3 Plastic Viscosity (cp) @ 150 °F 11 12 Dir. BHA 5.500 2.000 0' NOV Drying Shakers	170 24.0
Plastic Viscosity (cp) @ 150 °F 11 12 Dir. BHA 5.500 2.000 0' NOV Drying Shakers	170 24.0
The state of the s	170 24.0
Viold Point (lb/100 ft2) T0 = 4 9 9 CASING 2 HOLE DATA	140 24.0
THERE I FORTING A TICLE DATA	
Gel Strength (lb/100 ft²) 10 sec/10 min 6/11 5/9 Casing OD (in.) ID (in.) Depth Top Centrifuge 1	NOV 0.0
Gel Strength (lb/100 ft²) 30 min 14 11 Riser VOLUME ACCO	COUNTING (bbls)
HTHP Filtrate (cm/30 min) @ 250 °F 7.0 6.6 Surface 10 3/4 2,893' 0' Prev. Total on I	Location 3677.4
HTHP Cake Thickness (32nds) 2.0 2.0 Int. Csg. 7 5/8 6.875 10,294' 0' Transferred In(-	ı(+)/Out(-)
Retort Solids Content 14% 13.5% Washout 1 Oil Ad	Added (+) 21.7
Corrected Solids (vol%) 12.2% 11.8% Washout 2 Barite Ad	Added (+) 13.9
Retort Oil Content 66% 66.5% Open Hole Size 6.818 15,696' Other Product Use	Usage (+) 0.0
Retort Water Content 20% 20% ANNULAR GEOMETRY & RHEOLOGY Water Adv	Added (+) 10.0
O/W Ratio 77:23 annular meas. velocity flow ECD Left on Cu	cuttings (-) -0.5
Whole Mud Chlorides (mg/L) 44,000 43,500 section depth ft/min reg lb/gal Evap/ Pit	Pits/ Cent -4.9
Water Phase Salinity (ppm) 256,494 254,320 Non-Recoverable	ole Vol. (-)
Whole Mud Alkalinity, Pom 1.8 1.9 Est. Total on I	Location 3717.6
Excess Lime (lb/bbl) 2.3 ppb 2.5 ppb Est. Losses/Gair	ains (-)/(+) 0.0
Electrical Stability (volts) 574 v 590 v BIT HYDRA	AULICS DATA
Average Specific Gravity of Solids 3.21 3.16 Bit H.S.I. Bit ΔF	∆P Nozzles (32nds)
Percent Low Gravity Solids 6.2% 6.3% 0.00 psi	si 10 10 10
ppb Low Gravity Solids 51 ppb 52 ppb Bit Impact Volcoi	
Percent Barite 6% 5.5% Velocit (ft/sec	-
ppb Barite 86 ppb 79 ppb BIT DATA Manuf./Type CF 613 0 lbs 0	
Estimated Total LCM in System ppb Size Depth In Hours Footage ROP ft/hr Motor/MWD C	Calc. Circ. Pressure
Sample Taken By A. ROMAN 0 M Washburb 6 3/4 15,696 ft 0.0 0 ft #DIV/0! 1,500 psi	

Remarks/Recommendations:

OBM RECEIVED: 3515bbls Rec. 206bbls/ 16.0ppg

OBM ON SURFACE__ 3001bbls (Storage + Active)

OBM LOSS__Daily (-80bbl)__Total (-155bbl)

MWD Temp: XXXX Deg.

Rig Activity:

In the past 24hrs: We drilled to 15696'. Start Back reaming out of the hole up to 13574', Pull conventional up to 11281'. Circulate BU at this point maintaining 10.1ppg, gas from well bore peaked at 5000units with 1# mud cut (9.2ppg at flowLine). With gas at 700units Pumped 116bbls of 16ppg Kill mud and pump same out of the bit. Continue POOH up to the shoe and perform flow check at the trip tanks. With Well in static conditions, continue POOH. Lay down all Directional BHA, and Pick up Schlumberger BHA. Pending stabilizer for BHA arraive on location 03:00hrs. While waiting on tool to arrive, perform rig service and maintenance. At the time of report: Finish up with BHA.

E	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
F	hone:	3	61-94	5-57	77	Pł	none:	956-8	21-9994	Phone:	432-686-73	61 Phon				
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 us		vever, no represe	ein, has been prepared entation is made as to the	-\$8,150.40	\$102,944.27
												INCL	UDING 3RD F	PARTY CHARGES	-\$6,494.20	\$221,323.33

Date 02/09/21	Operator MAGI	NOLIA OIL		Well Name a	ind No. ABINE B 2-		Rig Name ar	nd No. 48	Report No. Repo	rt #13
	DAILY	USAGE 8	k COST							LATIVE
			Previous		Closing	Daily			Cum	
Item	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost		Usage	Cum Cost
SAPP (50)	50# sk	\$44.56	10		10				30	\$1,336.80
PHPA LIQUID (pail)	5 gal	\$41.36	60		60				450	£2.400.00
EVO-LUBE NEW GEL (PREMIUM)	gal	\$14.00	400 70		400 70				150	\$2,100.00
ALUMINUM TRISTEARATE	25# sk	\$162.83	19		19					
ALOMINOM TRIOTEARATE	20# 310	ψ102.00	13		13					
CACL2 (50)	50# sk	\$14.32	100		100				551	\$7,890.32
LIME (50) OPTI - G	50# sk 50# sk	\$5.00 \$30.59	140 120		140 120				366 200	\$1,830.00 \$6,118.00
BENTONE 38 (50)	50# sk	\$163.94	120		120				200	\$0,110.00
BENTONE 910 (50)	50# sk	\$59.40	53		53				24	\$1,425.60
BENTONE 990 (50)	50# sk	\$83.59	42		42				50	
OPTI - MUL	gal	\$10.75	220		220				385	\$4,138.75
OPTI - WET	gal	\$8.34	275		275				220	\$1,834.80
NEW PHALT	50# sk	\$38.72	150		150				110	\$4,259.20
OIL SORB (25)	25# sk	\$4.75							40	\$190.00
BENTONE 42 (50)	50# sk	\$327.26	62		62			ļ	18	\$5,890.68
		-						1		
NewCarb UltiMix	50# sk	\$6.35	20		20				60	\$381.00
NEW CARB (M)	50# sk	\$5.25	82		82			1	65	\$341.25
CYBERSEAL	25# sk	\$21.47								*-
MAGMAFIBER F (25)	25# sk	\$28.05	115		115				63	\$1,767.15
MAGMAFIBER R (30)	30# sk	\$28.05								
VARISEAL	50# sk	\$26.50	20		20					
FIBER PLUG	30# sk	\$30.37								
NUT PLUG M (50)	50# sk	\$12.04	55		55					
COTTON SEED HULLS (50) GRAPHITE - FINE (50)	50# sk	\$12.23	156		156				47	£440.00
POLYBEADS FINE (50)	50# sk 50# sk	\$24.14 \$311.38	52 280	-360	52	-80	-\$24,910.40		17	\$410.38
POLYBEADS FINE (50)	50# sk	\$160.00		160	80		\$12,800.00		80	\$12,800.00
(0)		4.00.00					V 1,000100			V 1,000000
NEW WATE (SACK BARITE)	100# sk	\$11.50	180		180					
BARITE BULK (100)	100# sk	\$7.00	1100		900	200	\$1,400.00		1876	\$13,132.00
	-									
		-								
OPTI DRILL (OBM)	bbl	\$65.00	3084		3084			-		
	501	ψ00.00	5504		5504			1		
DISCOUNTED OBM	bbl	\$10.00	79		79			1		
		<u>L</u>]		
Magnolia Owned OBM	bbl		162		162				333	
Magnolia Owned LGS	bbl	1	352		352					
								1		
								1		
ENGINEERING (24 HR)	each	\$925.00				2	\$1,850.00		24	\$22,200.00
ENGINEERING (DIEM)	bbl	\$30.00		_		2	\$60.00		24	\$720.00
ENGINEERING (MILES)	each	\$1.00			<u> </u>				1049	\$1,049.00
	1									
TRUCKING (court)	asch	¢2 6F							2042	\$5 412 04
TRUCKING (cwt) TRUCKING (min)	each each	\$2.65 \$650.00				1	\$650 00		2043	\$5,413.84 \$2,600.00
TRUCKING (cwt) TRUCKING (min) PALLETS (ea)	each each	\$2.65 \$650.00 \$12.00				1	\$650.00			\$5,413.84 \$2,600.00 \$480.00
TRUCKING (min)	each	\$650.00				1	\$650.00		4	\$2,600.00

Date	Operator			Well Name a	nd No.		Rig Name an	d No.	Report No.	
02/09/21	MAG	NOLIA OIL	& GAS	S	ABINE B 2	-H	2	48	Repo	rt #13
	DAILY	USAGE 8	k COST						CUMUI	_ATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
TURBO CHEM / FIRST RESPONSE	25# sk	\$41.75	250		250				90	\$3,757.50
TURBO CHEM SYNSEAL	25# sk	\$85.00	100		100					
TRUBO CHEM PALLETS & SHRINK WRAP	each	\$40.00							8	\$320.00
POLYBEADS FINE (50)	50# sk	\$95.00		200	200					
OBM_D Skid Vol	gal	\$1.74							19278	\$33,543.72
OBM_D 1/29/21	gal	\$1.75							7000	\$12,250.00
Diesel 1/30/21	gal	\$1.74								\$6,090.00
OBM_D 1/30/21 (2)	gal	\$1.74								\$12,185.22
OBM_D 1/30/21 (3)	gal	\$1.74								\$12,181.74
OBM_D 1/31/21	gal	\$1.74								\$12,180.00
OBM_D 2/1/21	gal	\$1.75								\$12,250.00
Diesel Delivery 2/3/21	gal	\$1.82				633	\$1,152.06			\$13,116.74
Diesel Delivery 2/5/21	gal	\$1.82	7205		6928		\$504.14		277	\$504.14
			7203				φ504.14		211	φ304.14
Diesel Delivery 2/8/21	gal	\$1.87		7200	7200					
	1	<u>I</u>	<u> </u>	<u>I</u>	Daily S	ub-Total \$	1,656.20		\$118,	379.06
	Cumu	ılative Total	AES & 3rd	Party \$221	,323.33					
	1					I				

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: SAB

SABINE B 2-H

		WEEK 1 WEEK 2															WEEK 3					
	Date	1/30/21	1/31/21	2/1/21	2/2/21	2/3/21	2/4/21	2/5/21	2/6/21	2/7/21	2/8/21	2/9/21	2/10/21	2/11/21	2/12/21	2/13/21	2/14/21	2/15/21	2/16/21	2/17/21	2/18/21	2/19/21
		Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Bit Size	9 7/8	9 7/8	9 7/8	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	2,894	6,643	10,303	10,315	10,315	10,775	13,613	14,961	15,142	15,142	15,686	15,696									
Totals	Ending Depth	6,643	10,303	10,315	10,315	10,775	13,613	14,961	15,142	15,142	15,686	15,696										
12.802	Footage Drilled	3,749	3,660	12	-	460	2,838	1,348	181	-	544	10	-	-	-	-	-	-	-	-	-	-
,	New Hole Vol.	356	347	1	-	20	126	60	8	-	24	0	-	-	-	-	-	-	-	-	-	-
	Starting System Volume	2,942	3,279	3,394	3,299	3,673	3,714	3,694	3,634	3,693	3,757	3,677	3,718	3,718	3,718	3,718	3,718	3,718	3,718	3,718	3,718	3,718
122	Chemical Additions	28	20	-		17	13	18	3	-	23	-		-								
	Base Fluid Added	469	438	18	189	23	90	139	58	24	103	22										
,-	Barite Increase			7			-	-	69	-	41	14										
	Weighted Mud Added				367		-	-	-	206	-	-										
	Slurry Added						-	-	-	-	-	-										
460	Water Added	60	81			39	60	100	40	20	50	10										
18	Added for Washout		18				-	-	-	-	-	-										
2.875	Total Additions	557	557	25	556	79	163	258	170	250	217	46	-	-	-	-	-		-	-	-	-
441		8		40		13	25	150	23	-	122	4										
338	Formation Loss		87	80	72	10	-	-	-	-	100											
747	Mud Loss to Cuttings 213 290 22 128 61 8 - 25 1																					
	267 Unrecoverable Volume 25 - 56 50 136 -																					
306	Centrifuge Losses 9 84 3 30 50 30 50 -																					
2,098	Total Losses	221	442	120	181	38	183	317	111	186	297	5		_		_		_	_	_		_
2,096		221	442	120	101	30	103	317	111	100	291	3		-				_	-			-
-	Mud Transferred Out																					
3,718	Ending System Volume	3,279	3,394	3,299	3,673	3,714	3,694	3,634	3,693	3,757	3,677	3,718	3,718	3,718	3,718	3,718	3,718	3,718	3,718	3,718	3,718	3,718
-	Mud Recovered																					
				C	omment:	s:					C	omment	s:					С	omment	s:		
					omment						C	omment	s:					С	omment	s <i>:</i>		
		1/30/21	Skid over to 6,643'M	from the A-			Ohrs. Drille	ed ahead	2/6/21	Drilled to 1	C o 5142' POO			λ.		2/13/21		С	omment	s:		
	1	1/30/21		from the A-			Ohrs. Drille	ed ahead	2/6/21	Drilled to 1				λ.		2/13/21		С	comment	s:		
3,515		1/30/21	to 6,643'M Mud Lost t	from the A-	1H, drilled	out at 16:3			2/7/24	Pick up ne	5142' POC w BHA, TIF	OH to chan	ge out BHA	A. each bottor	m and	2/13/21 2/14/21		С	comments	s:		
3,515			to 6,643'M Mud Lost t	from the A-	1H, drilled	out at 16:3			2/7/24		5142' POC w BHA, TIF	OH to chan	ge out BHA		m and			С	comment	s:		
3,515		1/31/21	Mud Lost t 289.5bbls	from the A-ID to Evap 46.	1H, drilled 2bbls, Cen ge 87bbls	out at 16:3			2/7/21	Pick up ne resume dri	5142' POO w BHA, TIH Iling. ead, Pump	OH to chang I, circulate	ge out BH <i>F</i> kill mud. R ymer Bead	each bottor	min, while	2/14/21		С	comment	s:		
3,515			Mud Lost t 289.5bbls	from the A-	1H, drilled 2bbls, Cen ge 87bbls	out at 16:3			2/7/21	Pick up ne resume dri	5142' POO w BHA, TIH Iling. ead, Pump	OH to chang I, circulate	ge out BH <i>F</i> kill mud. R ymer Bead	each bottor	min, while			С	comment	s:		
3,515		2/1/21	Mud Lost to 289.5bbls Running co	from the A-ID to Evap 46 and Seepagasing at 958 the 10.75" ca	1H, drilled of 2bbls, Center 87bbls and 2'MD.	out at 16:3	s 10bbls Co	uttings	2/7/21	Pick up ne resume dri Drilling ahd sliding, Se	5142' POC w BHA, TIH Illing. ead, Pump epage note	DH to chandle, circulate 10bbls Pold, start LC	ge out BHA kill mud. R ymer Bead M sweeps	each botton s every 15r while rotatin	min, while ng,	2/14/21		c	comment	s:		
3,515		1/31/21	Mud Lost to 289.5bbls Running co	from the A-ID to Evap 46 and Seepag	2bbls, Cenge 87bbls 32'MD. sing with fuspacer. Los	t 9bbls, Pit	s 10bbls Co	uttings Sibbls 84bbls	2/7/21	Pick up ne resume dri Drilling ah sliding, Se	5142' POC w BHA, TIH lling. ead, Pump epage note 5696'. Sta	DH to chandle, circulate 10bbls Polid, start LC	ge out BHA kill mud. R ymer Bead M sweeps	each bottor	min, while ng, g OBM at	2/14/21		c	omment	s:		
3,515		2/1/21	Mud Lost to 289.5bbls Running co Cement the interface a and 72bbls	from the A-ID to Evap 46 and Seepag asing at 958 as 10.75" ca and 14bbls s s to seepag	2bbls, Cenige 87bbls 32'MD. sing with fuspacer. Lose running of	t 9bbls, Pit	s 10bbls Cr dumped 25 cutting MW circulaing t	uttings Sbbls 84bbls he hole.	2/7/21 2/8/21 2/9/21	Pick up ne resume dri Drilling ah sliding, Se	5142' POC w BHA, TIH lling. ead, Pump epage note 5696'. Sta	DH to chandle, circulate 10bbls Polid, start LC	ge out BHA kill mud. R ymer Bead M sweeps	ls every 15r while rotation	min, while ng, g OBM at	2/14/21 2/15/21 2/16/21		c	Comment	s:		
3,515		2/1/21	Mud Lost to 289.5bbls Running co Cement the interface a and 72bbls	from the A-ID to Evap 46 and Seepar asing at 958 the 10.75" ca and 14bbls s	2bbls, Cenige 87bbls 32'MD. sing with fuspacer. Lose running of	t 9bbls, Pit	s 10bbls Cr dumped 25 cutting MW circulaing t	uttings Sbbls 84bbls he hole.	2/7/21	Pick up ne resume dri Drilling ah sliding, Se	5142' POC w BHA, TIH lling. ead, Pump epage note 5696'. Sta	DH to chandle, circulate 10bbls Polid, start LC	ge out BHA kill mud. R ymer Bead M sweeps	ls every 15r while rotation	min, while ng, g OBM at	2/14/21		C	comment	s:		
3,515		2/1/21 2/2/21 2/3/21	Mud Lost to 289.5bbls Running co Cement the interface a and 72bbls Drilling cu	from the A-ID to Evap 46 and Seepar asing at 958 the 10.75" ca and 14bls s to seepag tree setion a	2bbls, Cenige 87bbls 32'MD. sing with fuspacer. Loe running c	out at 16:3 t 9bbls, Pit ull returns, ss to cent casing and	s 10bbls Co dumped 25 butting MW circulaing to	uttings Sibbls 84bbls she hole.	2/7/21 2/8/21 2/9/21 2/10/21	Pick up ne resume dri Drilling ah sliding, Se	5142' POC w BHA, TIH lling. ead, Pump epage note 5696'. Sta	DH to chandle, circulate 10bbls Polid, start LC	ge out BHA kill mud. R ymer Bead M sweeps	ls every 15r while rotation	min, while ng, g OBM at	2/14/21 2/15/21 2/16/21 2/17/21		c	Comment	s:		
3,515		1/31/21 2/1/21 2/2/21	Mud Lost to 289.5bbls Running co Cement th interface a and 72bbls Drilling cu	from the A-ID to Evap 46 and Seepag asing at 958 as 10.75" ca and 14bbls s s to seepag	2bbls, Cenige 87bbls 32'MD. sing with fuspacer. Loe e running of	t 9bbls, Pit t 9bbls, Pit ull returns, ss to cent of assing and D with 8.7p	dumped 25 butting MW circulaing to opg MW.	uttings Sibbls 84bbls 84-bbls the hole.	2/7/21 2/8/21 2/9/21	Pick up ne resume dri Drilling ah sliding, Se	5142' POC w BHA, TIH lling. ead, Pump epage note 5696'. Sta	DH to chandle, circulate 10bbls Polid, start LC	ge out BHA kill mud. R ymer Bead M sweeps	ls every 15r while rotation	min, while ng, g OBM at	2/14/21 2/15/21 2/16/21		c	Comment	s:		
3,515		2/1/21 2/2/21 2/3/21	Mud Lost to 289.5bbls Running co Cement the interface a and 72bbls Drilling cu Drilling ah every 300	from the A-ID to Evap 46.3 and Seepag asing at 958 asing at 958 as 10.75" ca and 14bbls s s to seepag rve setion a ead on later 10bbls (LC ead. Perform	2bbls, Cenige 87bbls 32'MD. sing with fuspacer. Loe running c t 10,775'M ral section.	ull returns, ss to cent casing and D with 8.7p	dumped 25 butting MW circulaing to opg MW.	uttings Sibbls 84bbls 84bbls the hole.	2/7/21 2/8/21 2/9/21 2/10/21	Pick up ne resume dri Drilling ah sliding, Se	5142' POC w BHA, TIH lling. ead, Pump epage note 5696'. Sta	DH to chandle, circulate 10bbls Polid, start LC	ge out BHA kill mud. R ymer Bead M sweeps	ls every 15r while rotation	min, while ng, g OBM at	2/14/21 2/15/21 2/16/21 2/17/21		C	comment	s:		

110 Old Market St. St Martinville, LA 70582

91.8° 10,602' TVD

	NOLIA (OIL & (GAS		TTERSO	N		n / Block HINGTO	N		r Start Date)1/14/21		hr ftg.				Depth 15,69	96 ft	
	ABINE	В 2-Н		Rig Name a	nd No. 248			EXAS			01/14/21		irrent RC				IP IN)LE
Report for	VED/III		DICON	Report for	al Dual		Field / OSC-G			Fluid Typ		Cir	culating				ing Pres		
JAMES D					ol Push	ner		DIGNS			OBM			39 gpm)		,081	•	
	MUDI	PROPE	RTY SPECI	FICATION	IS		MUD VO	DLUME (BE	BL)		PUMP #1		P	UMP #2		RIS	ER BO	OOST	ER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	669	bbl	Liner	Size 4	.75 Li	iner Si	ize 4.	75	Liner	Size		
8.6-12	5-20	7-13	>400	±260K	<10 <15	<8	In Hole	e 652	bbl	Strol	ke ′	12	Stroke	e 1	2	Stro	ke		
	M	UD PRO	PERTIES	ı	ı		Active	114	6 bbl	bbl/s	stk 0.0	625	bbl/stk	k 0.0	625	bbl	stk		
Time Sample	Taken			3:00		13:00	Storage	e <u>233</u>	2 bbl	stk/n	nin 9	91 :	stk/mii	n		stk/	min		
Sample Locat	ion			suction		suction	Tot. on Loc	cation 365	3 bbl	gal/n	nin 2	39 (gal/miı	n		gal/	min		
Flowline Temp	perature °	F					Mud Wt. =	10.1 PV	=11	YP=	=9 CI	RCULAT	TION	DATA		n = 0	.632	K = 1	97.8
Depth (ft)				15,696'		15,696'	Bit C	epth = 11,	825 '		Wash	out = 19	%	F	Pump	Effici	ency =	95%	,
Mud Weight (ppg)			10.1		10.1	Drill String	Volume	to Bit	168.2	bbl St	rokes To	Bit	2,692		Time 1	o Bit	30 r	nin
Funnel Vis (se	ec/qt)		@ 85 °F	50		48	Disp.	Bottoms U	p Vol.	309.2	bbl Bott	omsUp S	tks	4,949	Botto	msUp	Time	54 r	min
600 rpm				31		32	64.5 bbl	TotalCir	c.Vol.	1146.3	3 bbl To	otalCirc.S	tks ´	18,351	Tota	l Circ.	Time	202	min
300 rpm				20		21		DRILLING	3 ASS	SEMBL	Y DATA			S	OLID	s coi	NTRO	L	
200 rpm				16		16	Tubulars	OD (in.)	ID	(in.)	Length	Тор		Unit		Scre	ens	Hou	urs
100 rpm				11		12	Drill Pipe	4.500	3.8	326	11,825'	·		Shaker	1	17	0		
6 rpm				6		6	Dir. BHA	5.750	2.2	250	,	11,825	5'	Shaker	2	17	0		
3 rpm				5		5	J	000				11,82		Shaker		17			
Plastic Viscos	eity (op)		@ 150 °F	11		11						11,82		OV Drying Si		14			
	,			9		10		CASIN	16 8 1	UOI E	DATA	11,020		ov Drying Oi	iditors		.0		
Yield Point (lb		10	T0 = 4	_		6/10	Oin-					Ton	\dashv ,	Centrifuc	1	NC	N /		
Gel Strength	,) sec / 10 min				Casing	OD (in.)	טו	(in.)	Depth	Тор	F,					/I- I- I	
Gel Strength			30 min	14		12	Riser							VOLUM				•	
HTHP Filtrate			@ 250 °F			6.4		10 3/4			2,893'			Prev. T				37	'17.6
HTHP Cake T	hickness	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.8	375	10,294'			Transfe		` ,	. ,		
Retort Solids	Content			14%		14%	Washout 1								Oil	Adde	d (+)		
Corrected Sol	ids (vol%))		12.2%		12.3%	Washout 2							E	Barite	Adde	d (+)		
Retort Oil Cor	ntent			66%		66%	Open	Hole Size	6.8	318	15,696'		_ (Other Pr	oduct	Usag	e (+)		
Retort Water	Content			20%		20%	AN	NULAR GE	OME	TRY &	RHEOLO	OGY		١	Vater	Adde	d (+)		
O/W Ratio				77:23		77:23	annula	ır de	pth	velo	city flow	ECD	,	Let	ft on (Cutting	gs (-)		
Whole Mud C	hlorides (r	mg/L)		44,000		44,500	section	n de	pui	ft/m	in reg	lb/gal	I	E	Evap/	Pits/ (Cent		
Water Phase	Salinity (p	pm)		256,494		258,654		•		•	•	•	1	Non-Rec	overa	ıble Vo	ol. (-)		
Whole Mud A	lkalinity, P	om		1.8		1.6	6.875x4	1.5 10,	294'	216	.6 lam	10.57	7	Est. T	otal c	n Loc	ation	37	17.6
Excess Lime	(lb/bbl)			2.3 ppb		2.1 ppb	6.818x4	1.5 11,	825'	223	.0 lam	10.61	1	Est. Loss	ses/G	ains (-)/(+)	-	-64.5
Electrical Stat	oility (volts	s)		574 v		605 v								BIT	HYDF	RAULI	CS D	ATA	
Average Spec	cific Gravit	ty of Sol	ids	3.21		3.17	•						В	sit H.S.I.	Bit	ΔΡ	Nozzl	es (32	nds
Percent Low (Gravity So	lids		6.2%		6.5%								0.98	251	psi	10	10	10
ppb Low Grav				51 ppb		54 ppb	!						D.			zzle	10	10	10
Percent Barite				6%		5.7%								t Impact Force		ocity sec)			
ppb Barite				86 ppb		82 ppb	BIT [DATA	Ma	nuf./Ty	pe ·	CF 613	-	209 lbs	,	66			
• •	tal LCM in	System	1				Size	Depth In		ours	Footage	ROP ft/		Motor/M\			Circ.	Pres	sure
	timated Total LCM in System mple Taken By A. ROMAN MV							15,696 ft			· Jouge	#DIV/0		1,500 p		Jaio	2,419		2410
-	mple Taken By A. ROMAN MV ernoon Remarks/Recommendations:							,	<u> </u>			#DIV/(·	1,000	, UI	<u> </u>	<u>د,</u> -, 13	Poi	
Allemoon Kem	iaiks/Kecol	mmenda	uons:		Afternoon R	in hole wit	h BH	A #5 to	o 7200, c	irculate	and o	catch 20) bbls	12.5	# in tri	ip tar	۱k,		
							tanks enco	n hole to 1 s and trans ounter tight bleed off	sfer to t hole	o stora , work	age. Strip pipe, wa	in hole sh and	from ream	10300 t down to	o 113 o 113	330 ba 52, cu	ase of urrent	curv ly stri	∕e, ip ir

hole, bleed off calculated displacement in trip tank, trip depth at time of report is 11825. Maintain 10.1 ppg mud wt while circulate. No downhole mud losses

observed at this time.

Report #14 TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

88.4° 10,493' TVD

Operator MAGI	NOLIA (OIL & (GAS	Contractor PA	TERSO	ON	County / Parish / WASH	Block IINGTOI	N	Engineer	Start Da		24 hr ft	g. 116 ft		Drilled D	-	12 ft
Well Name and No.	SABINE	В 2-Н		Rig Name ar	nd No. 248		State TE	EXAS		Spud Da	te 01/14	1/21	Curren	t ROP 58 ft/hr		Activity Drill	ling	Lateral
Report for				Report for			Field / OCS-G #			Fluid Typ				ting Rate		Circulati	-	
JAMES D	YER/JI	IM HAF	RRISON	Тс	ol Pusi	ner	GID	DIGNS			ОВ			304 gpm				psi
	MUD	PROPE	RTY SPECIF	ICATION	S		MUD VO	LUME (BB	BL)		PUMF	P #1		PUMP #2		RISE	ER BO	OOSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	835	5 bbl	Liner	Size	4.75	Line	Size 4.	75	Liner	Size	
8.6-12	5-20	7-13	>400	±260K	<10 <15	<8	In Hole	633	3 bbl	Stro	ke	12	Stre	oke 1	2	Stro	ke	
				2/10/21		2/9/21	Active	146	8 bbl	bbl/s	stk	0.0625	bbl	/stk 0.0	625	bbl/s	stk	0.0000
Time Sample	Taken			3:00		13:00	Storage	223	7 bbl	stk/r	min	58	stk	min 5	8	stk/n	min	
Sample Locati	on			suction		suction	Tot. on Loc	cation 370	5 bbl	gal/r	nin	152	gal	/min 1	52	gal/r	min	0
Flowline Temp	erature °l	F		85 °F				PHHP = 91	4		CIF	RCULATIO	ON DA	TA		n = 0.	.659	K = 159.065
Depth (ft)				15,731'		15,696'	Bit D	Depth = 15,	812 '		٧	Vashout =	: 1%		Pump	Efficie	ency =	95%
Mud Weight (p	opg)			10.1		10.1	Drill String	Volume	to Bit	223.6	bbl	Strokes	To Bit	3,580		Time T	o Bit	31 min
Funnel Vis (se	c/qt)		@ 70 °F	52		48	Disp.	Bottoms U	lp Vol.	409.1	bbl	BottomsU	p Stks	6,550	Bottor	msUp ⁻	Time	56 min
600 rpm				30		32	89.1 bbl	TotalCi	rc.Vol.	1467.	7 bbl	TotalCi	c.Stks	23,497	Tota	l Circ.	Time	203 min
300 rpm				19		21		DRILLING	G ASS	SEMBL	Y DA	ГА		s	OLIDS	S CON	ITRO	L
200 rpm				16		16	Tubulars	OD (in.)	ID	(in.)	Len	gth 7	ор	Unit		Scre	ens	Hours
100 rpm				12		12	Drill Pipe	4.500	3.	826	15,6	679'	0'	Shaker	1	17	0	24.0
6 rpm				6		6	Dir. BHA	5.750	2.	250	13	3' 15	,679'	Shaker	2	17	0	24.0
3 rpm				5		5						15	,812'	Shaker	. 3	17	0	24.0
Plastic Viscos	ity (cp)		@ 150 °F	11		11						15	,812'	NOV Drying S	hakers	14	0	24.0
Yield Point (lb.	/100 ft²)		T0 = 4	8		10		CASIN	IG & H	HOLE [DATA							
Gel Strength (lb/100 ft²)	10	0 sec/10 min	5/11		6/10	Casing	OD (in.)	ID	(in.)	Dep	oth 7	ор	Centrifuç	ge 1	NO	V	3.0
Gel Strength (lb/100 ft ²)		30 min	14		12	Riser							VOLUM	IE AC	COUN	ITING	(bbls)
HTHP Filtrate	(cm/30 m	in)	@ 250 °F	6.0		6.4	Surface	10 3/4			2,8	93'	0'	Prev. T	otal o	n Loca	ation	3717.6
HTHP Cake T	hickness	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	875	10,2	294'	0'	Transfe	erred In	n(+)/O	ut(-)	
Retort Solids (Content			14%		14%	Washout 1								Oil	Added	d (+)	70.9
Corrected Soli	ds (vol%)			12.3%		12.3%	Washout 2								Barite	Added	d (+)	0.0
Retort Oil Con	tent			66%		66%	Oper	Hole Size	6.	818	15,8	312'		Other Pr	oduct	Usage	e (+)	1.1
Retort Water (Content			20%		20%	ANI	NULAR GE	OME	TRY &	RHEC	DLOGY		,	Water	Added	d (+)	
O/W Ratio				77:23		77:23	annular	r me	eas.	velo	city	flow E	CD	Le	ft on C	Cutting	js (-)	-5.2
Whole Mud Cl	nlorides (r	ng/L)		43,000		44,500	section		epth	ft/m	,		/gal	E	Evap/	Pits/ C	Cent	-20.0
Water Phase	Salinity (p	pm)		252,134		258,654						ı		Non-Red	overa	ble Vo	ol. (-)	-59.6
Whole Mud Al	kalinity, P	om		1.6		1.6	6.875x4.	.5 10,	294'	276	5.1	turb 10	0.78	Est. T	otal o	n Loca	ation	3704.7
Excess Lime (lb/bbl)			2.1 ppb		2.1 ppb	6.818x4.	.5 15,	679'	284	.3	turb 1	1.12	Est. Los	ses/G	ains (-	-)/(+)	0.0
Electrical Stab	ility (volts)		581 v		605 v	6.818x5.7	75 15,	812'	555	5.7	turb 1	1.24	BIT	HYDR	AULI	CS D	ATA
Average Spec	ific Gravit	y of Solid	ds	3.21		3.17								Bit H.S.I.	Bit	ΔΡ	Nozzl	es (32nds)
Percent Low 0				6.2%		6.5%								2.03	408	psi	10	10 10
ppb Low Grav	ity Solids			51 ppb		54 ppb								Bit Impact	Noz		10	10 10
Percent Barite				6.1%		5.7%								Force	Velo	-		
ppb Barite				87 ppb		82 ppb	BIT D	ATA	Ma	anuf./Ty	/pe	CF 6	13	339 lbs	21	´ -		
Estimated Tot	al LCM in	System	ppb				Size	Depth In		ours	Foot		P ft/hr	Motor/M			Circ.	Pressure
Sample Taker				A. ROMAN	0	M Washburb	6 3/4	15,696 ft		2.0	116		8.0	1,500			3,339	
-apio rakei	,							.,	1	-			-	.,	- '		.,	1 - 1

Remarks/Recommendations:

OBM RECEIVED: 3515bbls Rec. 206bbls/ 16.0ppg

OBM ON SURFACE__ 3072bbls (Storage + Active)

OBM LOSS__Daily (-80bbl)__Total (-155bbl)

MWD Temp: 235 Deg.

Rig Activity:

In the past 24hrs: Stage in the hole 7200' / 10300' / 11330'. Circulate BU each depth, capture Heavy mud from well in the trip tanks. F/11300' tight hole conditions indicated the need to Pump and Ream to bottom. Wash & Ream to bottom, working through tight spots. Maintain MW at 10.1ppg and increase Viscocity up to 50+ sec/qt as requested by Directional Team. Resume Drilling operations @02:00hrs. Gradually decrease MW to 10ppg. At the time of report: Continue drilling ahead with 306gpm pump rate. ROP=45-100ft/hr. passing 15830'. Pumping Hi-Vis sweeps as requested by Directional Team.

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	hone:	36	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	used if the user		r, no representati	has been prepared on is made as to the	\$4,542.28	\$107,486.55
												INCLUD	ING 3RD PAR	TY CHARGES	\$9,962.24	\$231,285.57

SPAN DIALOG (SPAN)	Nem	Date 02/10/21	Operator MAG I	NOLIA OIL		Well Name a	ind No. ABINE B 2 :	-H	Rig Name an	d No. 18	Report No. Repo l	rt #14
Name	Name		l .			I			I			
March Marc	Company Comp			1	ı		Clesing	Doily	l			
SPAN DIALOG (SPAN)	PART LEGIS 1949 1940	Item	Unit	Unit Cost		Received	_	-	Daily Cost			Cum Cost
REVOLUE (PREMIUM)	SPACE LINE STATE OF THE STATE O	SAPP (50)	50# sk	\$44.56	10		10				30	\$1,336.80
REVIOLE PRESSURANT ALMANUSCATE 25 96 \$1 \$40,000 190 190 190 190 190 190 190 190 190	REW CELL PROPENDING	PHPA LIQUID (pail)	5 gal	\$41.36	60		60					
ALMINIAM TRISTARATE Set al.	LILLANNIM TRISTERANTE	EVO-LUBE	gal	\$14.00	400		400				150	\$2,100.00
CACLO (XVI) CACLO	ACL2 (50)	, ,					70					
IMME (B)	MRE (60)	ALUMINUM TRISTEARATE	25# sk	\$162.83	19		19					
IMME (B)	MRE (60)											
IMME (B)	MRE (60)											
OPTI-G	PPTI- 6	` '										
SENTONE 90 (50)	SENTONE DE 1950 South So	, ,										
SENTONE 910 (50)	ENTONE 10,500 50 et al. 59,40 53 50 50 50 50 50 50 5						120				200	\$6,118.00
BENTONE 809 (50)	INFOTON # 200 (50)						53				24	\$1 <i>42</i> 5 60
OPT1-MUL 98 \$10.75 220 20 20 20 20 20 20	S10.75 220 200 380 54.138.78 220 2	` '						8	\$668.72			
OPT1-VET 98	DPT1-VET								\$600			\$4,138.75
OIL SORP (29)	DIL SORB (20)										220	\$1,834.80
BENTONE 42 (50) OPF 84 S327.26 62	SENTONE 42 (50)	NEW PHALT	50# sk	\$38.72	150		150				110	\$4,259.20
NewCorth District NewCorth Dist	NewCarth UMBN/N Sop sk \$0.35 20 20 20 36 3541.2	OIL SORB (25)	25# sk	\$4.75							40	\$190.00
NEW CARS (M) 50 # 34	SOF SOF	BENTONE 42 (50)	50# sk	\$327.26	62		56	6	\$1,963.56		24	\$7,854.24
NEW CARS (M) 50 # 34	SOF SOF	NewCarb HHiMiy	E0# al-	¢c 25	20		20					¢204.00
CYBERSEAL	279 87 87 87 87 87 87 87											
MAGMAPRIBER (25)	AGAMAPIERE P. (26) AGAMAPIER R. (30) 308 sk \$20.05 AGAMSCAL 509 sk \$20.05 AGAMSCAL 509 sk \$30.37 505 sk \$30.37 505 sk \$30.37 507 sk \$30.37 508 sk \$30.37 509 sk \$30.37 507 sk \$30.37 509 sk \$30.37 509 sk \$30.37 509 sk \$30.37 507 sk \$30.37 509 sk \$30.37 509 sk \$30.37 509 sk \$30.37 500 sk \$30.37 500 sk \$30.37 500 sk \$30.37 500 sk \$30.37 500 sk \$30.37 500 sk \$30.37 500 sk \$30.37 500 sk \$30.37 500 sk \$30.37 500 sk \$30.38 500 sk \$30.37 500 sk \$30.38 500 sk \$30.48 \$30.38 500 sk \$30.48 \$30.38 \$30.48 \$30.38 \$30						02				65	ψυ 4 1.∠5
MAGNAMPIBER R (30) ADD #8	AGAMAPIER R (30) AGAMAPIER R (30) AGAMAPIER R (30) AGAMSA S20 50 20 20 20 20 20 20 20 20 20 20 20 20 20						115				63	\$1.767.15
VARISEAL 500 sk \$25.50 20 20	ARISEAL Sofie & \$20.50 20 20 20											V 1,1 C 1 1 1 C
NUT PLUE M (50)	RUT PLUS M (50)		50# sk				20					
COTTON SEED HULLS (50)	DOTTON SEED HULLS (60) Sobre sk \$12.20 156 156	FIBER PLUG	30# sk	\$30.37								
GRAPHTE - FINE (50)	SRAPHITE - FINE (50)	NUT PLUG M (50)	50# sk	\$12.04	55		55					
POLYBEADS FINE (50)	POLYBEADS FINE (80)	COTTON SEED HULLS (50)	50# sk	\$12.23	156		156					
POLYBEADS FINE (50)	POLYBEADS FINE (50)	. ,	50# sk	\$24.14	52		52				17	\$410.38
NEW WATE (SACK BARITE) 100# sk	SEW WATE (SACK BARITE)		50# sk	\$311.38								
BARITE BULK (100)	ARRITE BULK (100) 100# sk \$7.00 900 900 1876 \$13,132.0 1876 \$13,132.0 1878 \$13,132.0 1878 \$13,132.0 1878 \$13,132.0 1878 \$13,132.0 1878 \$13,132.0 1878 \$13,132.0 1878 \$13,132.0 1878 \$13,132.0 1878 \$13,132.0 1878 \$13,132.0 1878 \$10,00 900 900 900 900 900 900 900 900 900	POLYBEADS FINE (50)	50# sk	\$160.00	80		80				80	\$12,800.00
BARITE BULK (100)	ARRITE BULK (100) 100# sk \$7.00 900 900 1876 \$13,132.0 1876 \$13,132.0 1878 \$13,132.0 1878 \$13,132.0 1878 \$13,132.0 1878 \$13,132.0 1878 \$13,132.0 1878 \$13,132.0 1878 \$13,132.0 1878 \$13,132.0 1878 \$13,132.0 1878 \$13,132.0 1878 \$10,00 900 900 900 900 900 900 900 900 900	NEW WATE (SACK BARITE)	100# sk	\$11.50	180		180					
	DPTI DRILL (OBM) bbl \$65.00 3084 3084										1876	\$13,132.00
DISCOUNTED OBM bbl \$10.00 79 79 79	DISCOUNTED OBM bbl \$10.00 79 79 79 79 79 79 79 79 79 79 79 79 79			•								, ,, ,
DISCOUNTED OBM bbl \$10.00 79 79 79	DISCOUNTED OBM bbl \$10.00 79 79 79 79 79 79 79 79 79 79 79 79 79											
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DISCOUNTED OBM bbl \$10.00 79 79 79	DISCOUNTED OBM bbl \$10.00 79 79 79											
Magnolia Owned DBM bbl 162 162 333 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Magnolia Owned OBM bbl 162 162 333 33	OPTI DRILL (OBM)	bbl	\$65.00	3084		3084					
Magnolia Owned LGS bbl 352 352	Magnolia Owned LGS bbl 352 352	DISCOUNTED OBM	bbl	\$10.00	79		79					
Magnolia Owned LGS bbl 352 352	Magnolia Owned LGS bbl 352 352	Magnolia Owned OBM	hhl	-	162		162				333	
ENGINEERING (24 HR) each \$925.00 2 \$1,850.00 26 \$24,050.00 ENGINEERING (DIEM) bbl \$30.00 2 \$60.00 1049 \$1,049.0	ENGINEERING (24 HR) each \$925.00	imagriolia owiled obivi	DDI		102		102				333	
ENGINEERING (DIEM) bbl \$30.00	ENGINEERING (DIEM) bbl \$30.00	Magnolia Owned LGS	bbl		352		352					
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											
ENGINEERING (DIEM) bbl \$30.00	ENGINEERING (DIEM) bbl \$30.00											
ENGINEERING (DIEM) bbl \$30.00	ENGINEERING (DIEM) bbl \$30.00	ENGINEERING (24 HP)	aaah	¢025.00				2	\$1.050.00		30	\$24.050.00
ENGINEERING (MILES) each \$1.00	RUCKING (cwt) each \$2.65											
TRUCKING (cwt) each \$2.65	TRUCKING (cwt) each \$2.65								Ψ00.00			
TRUCKING (min) each \$650.00 4 \$2,600.00 PALLETS (ea) each \$12.00 40 \$480.00 SHRINK WRAP (ea) each \$12.00 38 \$456.00	RUCKING (min) each \$650.00 4 \$2,600.0 PALLETS (ea) each \$12.00 40 \$480.0 SHRINK WRAP (ea) each \$12.00 38 \$456.0		54011	\$7.00							.515	,
TRUCKING (min) each \$650.00 4 \$2,600.00 PALLETS (ea) each \$12.00 40 \$480.00 SHRINK WRAP (ea) each \$12.00 38 \$456.00	RUCKING (min) each \$650.00 4 \$2,600.0 PALLETS (ea) each \$12.00 40 \$480.0 SHRINK WRAP (ea) each \$12.00 38 \$456.0											
TRUCKING (min) each \$650.00 4 \$2,600.00 PALLETS (ea) each \$12.00 40 \$480.00 SHRINK WRAP (ea) each \$12.00 38 \$456.00	RUCKING (min) each \$650.00 4 \$2,600.0 PALLETS (ea) each \$12.00 40 \$480.0 SHRINK WRAP (ea) each \$12.00 38 \$456.0											
TRUCKING (min) each \$650.00 4 \$2,600.00 PALLETS (ea) each \$12.00 40 \$480.00 SHRINK WRAP (ea) each \$12.00 38 \$456.00	RUCKING (min) each \$650.00 4 \$2,600.0 PALLETS (ea) each \$12.00 40 \$480.0 SHRINK WRAP (ea) each \$12.00 38 \$456.0	TRUCKING (cwt)	each	\$2.65	İ						2043	\$5,413.84
PALLETS (ea) each \$12.00 40 \$480.00 SHRINK WRAP (ea) each \$12.00 38 \$456.00	PALLETS (ea) each \$12.00 40 \$480.0 SHRINK WRAP (ea) each \$12.00 38 \$456.0										_	\$2,600.00
			each	\$12.00							40	\$480.00
Daily Sub Tatal 64 F40 00	Daily Sub-Total \$4,542.28	SHRINK WRAP (ea)	each	\$12.00							38	\$456.00
	Daily Sub-Total \$4,542.28 Cumulative Total \$107,486.55 \$107,486.55			D-'' 0					07.400.55		610 -	100 55

Date	Operator			Well Name a	ind No.		Rig Name an	id No.	Report No.	
02/10/21	MAGI	NOLIA OIL	& GAS	S	ABINE B 2	-Н	2	48	Repo	rt #14
	DAILY	USAGE 8	k COST						СПМП	_ATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
TURBO CHEM / FIRST RESPONSE	25# sk	\$41.75	250		250				90	\$3,757.50
TURBO CHEM SYNSEAL	25# sk	\$85.00	100		100					
TRUBO CHEM PALLETS & SHRINK WRAP	each	\$40.00							8	\$320.00
POLYBEADS FINE (50)	50# sk	\$95.00	200		200					
OBM_D Skid Vol	gal	\$1.74							19278	\$33,543.72
OBM_D 1/29/21	gal	\$1.75							7000	\$12,250.00
Diesel 1/30/21	gal	\$1.74							3500	\$6,090.00
OBM_D 1/30/21 (2)	gal	\$1.74							7003	\$12,185.22
OBM_D 1/30/21 (3)	gal	\$1.74							7001	\$12,181.74
OBM_D 1/31/21	gal	\$1.74								\$12,180.00
OBM_D 2/1/21	gal	\$1.75								\$12,250.00
Diesel Delivery 2/3/21	gal	\$1.82								\$13,116.74
Diesel Delivery 2/5/21	gal	\$1.82	6928		3950	2978	\$5,419.96		3255	
Diesel Delivery 2/8/21	gal	\$1.87	7200		7200		4 0,11000			,
	3	*****								
								l		
	 									
	1									
	1									
					Daily S	ub-Total \$5	5,419.96		\$123,7	799.02
									,	
					1					
	Cumu	ılative Total	AES & 3rd	Party \$231	,285.57					
						1				

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: SAB

SABINE B 2-H

					WEEK 1							WEEK 2							WEEK 3			
	Date	1/30/21	1/31/21	2/1/21	2/2/21	2/3/21	2/4/21	2/5/21	2/6/21	2/7/21	2/8/21	2/9/21	2/10/21	2/11/21	2/12/21	2/13/21	2/14/21	2/15/21	2/16/21	2/17/21	2/18/21	2/19/21
		Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Bit Size	9 7/8	9 7/8	9 7/8	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	2,894	6,643	10,303	10,315	10,315	10,775	13,613	14,961	15,142	15,142	15,686	15,696	15,812								
Totals	Ending Depth	6,643	10,303	10,315	10,315	10,775	13,613	14,961	15,142	15,142	15,686	15,696	15,812									
12.918	Footage Drilled	3,749	3,660	12	-	460	2,838	1,348	181	-	544	10	116	-	-	-	-	-	-	-	-	-
,	New Hole Vol.	356	347	1	-	20	126	60	8	-	24	0	5	-	-	-	-	-	-	-	-	-
	Starting System Volume	2,942	3,279	3,394	3,299	3,673	3,714	3,694	3,634	3,693	3,757	3,677	3,718	3,705	3,705	3,705	3,705	3,705	3,705	3,705	3,705	3,705
123	Chemical Additions	28	20	-,	-,	17	13	18	3	-	23	-	1	-,	-,	-,	-,	, , , , ,	-,	-,	-,	-,
	Base Fluid Added	469	438	18	189	23	90	139	58	24	103	22	71									
	Barite Increase	.00	.00	7			-	-	69	-	41	14	-									
	Weighted Mud Added			-	367		-	-	-	206	-	-	-									
-	Slurry Added						-	-	-	-	-	-	-									
460	Water Added	60	81			39	60	100	40	20	50	10	-									
	Added for Washout		18				-	-	-	-	-	-	-									
2.947	Total Additions	557	557	25	556	79	163	258	170	250	217	46	72	-	-	-	-	-	_	_	_	-
•	Surface Losses	8	56	40		13	25	150	23	-	122	4	15									
	8	0	87	80	72	10	-	-	-	-	100	-	-									
	Mud Loss to Cuttings	213	290	- 00	12	22	128	61	8	_	25	1	5									
		2.0	200		25		-	56	50	136		_ '	60									
311	Centrifuge Losses		9		84	3	30	50	30	50	50	_	5									
												_										
2,183	Total Losses	221	442	120	181	38	183	317	111	186	297	5	85	-	-	-	-	-	-	-	-	-
-	Mud Transferred Out																					
3,705	Ending System Volume	3,279	3,394	3,299	3,673	3,714	3,694	3,634	3,693	3,757	3,677	3,718	3,705	3,705	3,705	3,705	3,705	3,705	3,705	3,705	3,705	3,705
-	Mud Recovered																					
				C	omment	8.					C	omment	s.					C	omment	8.		
					Ommone	<u>. </u>						Ommone	.						O I I I I I I I I I I I I I I I I I I I	<u>. </u>		
		1/30/21	Skid over to 6,643'M		1H, drilled	out at 16:3	0hrs. Drille	d ahead	2/6/21	Drilled to 1	15142' PO	OH to chan	ige out BH/	A .		2/13/21						
	7																					
3,515		1/31/21	Mud Lost t 289.5bbls			t 9bbls, Pits	s 10bbls Cu	uttings	17///71	Pick up ne resume dri		H, circulate	kill mud. F	teach botto	m and	2/14/21						
]			•																		
		2/1/21	Running ca	asing at 958	82'MD.									ls every 15r while rotati		2/15/21						
	0							hhlo														
	Cement the 10.75" casing with full returns, dumped 25bb 2/2/21 interface and 14bbls spacer. Loss to cent cutting MW 84 and 72bbls to seepage running casing and circulaing the							84bbls						ols of 16ppg up Schlum		2/16/21						
		2/3/21	Drilling cur	rve setion a	nt 10,775'M	D with 8.7p	ppg MW.					n from 1133 down to 10		m. Tight Ho	le	2/17/21						
		2/4/21		ead on late 10bbls (LC			og, pumiping ate,	g sweeps	2/11/21							2/18/21						

110 Old Market St.

St Martinville, LA 70582

TEL: (337) 394-1078

94.5°

10,431' TVD

Operator MAGNOL	LIA O	IL & G	AS	Contractor PA1	TERSO)N	County / Parish	n / Block	N	_	er Start Date	24 hr	ftg. 840 ft		Drilled D	epth 6,53	6 ft	
Well Name and No.	INE E	3 2-H		Rig Name ar	nd No. 248		State T	EXAS		Spud D	^{ate} 01/14/21	Curre	99 ft/hr	i	Activity DI	RILL	ING	i
Report for	:D/ III	I LLADE	DICON	Report for	al Duak		Field / OSC-G			Fluid Ty	•	Circu	ating Rate		Circulatir	-		
JAMES DYE					ol Push	ier		DIGNS			OBM DUMB #4		289 gpm				psi	
	1		TY SPECII			LITLID		DLUME (B			PUMP #1		PUMP #2				OSTI	EK
	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits		5 bbl	Liner				75	Liner			
8.6-12 5	5-20	7-13	>400	±260K	<10 <15	<8	In Hole		1 bbl	Stro				2	Strok			
Ti OI- T-I-		D PROP	EKIIES	0.00		40.00	Active		6 bbl	bbl/				625	bbl/s			
Time Sample Take	en			3:00		13:30	Storage		57 bbl	stk/r				54	stk/m			
Sample Location	=			suction		suction		cation 373		gal/r		J		42	gal/n			
Flowline Temperat	ture °F			85 °F		84 °F	Mud Wt. =			YP:		RCULATIO			n = 0.			
Depth (ft)				15,731'		16,536'	Bit C	epth = 16				out = 1%		Pump I				
Mud Weight (ppg))			10.1		10.1	Drill String Disp.	Volume	to Bit	233.9	9 bbl Str	okes To Bi	t 3,745	7	Time To	o Bit	34 m	nin
Funnel Vis (sec/qt	t)		@ 63 °F	52		54	ызр.	Bottoms U	Jp Vol.	427.6	6 bbl Botto	msUp Stk	6,845	Bottor	nsUp T	ime	62 m	nin
600 rpm				30		36	93.0 bbl	TotalCi	rc.Vol.	1496.	5 bbl To	talCirc.Stk	23,957	Total	Circ. T	ime	218 n	min
300 rpm				19		23		DRILLIN	G ASS	SEMBI	LY DATA		s	OLIDS	CON	TROL	•	
200 rpm				16		18	Tubulars	OD (in.)	ID	(in.)	Length	Тор	Unit		Scree	ens	Hou	ırs
100 rpm	·			12		14	Drill Pipe	4.500	3.8	326	16,403'		Shaker	1	170)		
6 rpm	·			6		6	Dir. BHA	5.750	2.2	250	133'	16,403'	Shaker	2	170)		
3 rpm	•			5		5						16,536'	Shaker	. 3	170)		
Plastic Viscosity (ср)		@ 150 °F	11		13						16,536'	NOV Drying S	hakers	140)		
Yield Point (lb/100) ft²)		T0 = 4	8		10		CASI	NG & I	HOLE	DATA							
Gel Strength (lb/10	00 ft²)	10 se	ec / 10 min	5/11		5/9	Casing	OD (in.)	ID	(in.)	Depth	Тор	Centrifuç	ge 1	NO	V		
Gel Strength (lb/10	00 ft2)		30 min	14		11	Riser						VOLUM	IE AC	COUN	TING	(bbls	s)
HTHP Filtrate (cm.	/30 mir	n)	@ 250 °F	6.0		6.0	Surface	10 3/4			2,893'		Prev. T	otal or	n Loca	tion	370	04.7
HTHP Cake Thick	ness (3	32nds)		2.0		2.0	Int. Csg.	7 5/8	6.8	375	10,294'		Transfe	erred Ir	n(+)/O	ut(-)		
Retort Solids Cont	tent			14%		14%	Washout 1							Oil	Added	(+)		
Corrected Solids ((vol%)			12.3%		12.3%	Washout 2							Barite	Added	(+)		
Retort Oil Content	t			66%		66%	Open	Hole Size	6.8	318	16,536'		Other Pr	oduct	Usage	(+)		
Retort Water Cont	tent			20%		20%	ANI	NULAR GI	EOME	TRY 8	RHEOLO	GY	1 ,	Water	Added	l (+)		
O/W Ratio				77:23		77:23	annula	r .		velo	city flow	ECD	Le	ft on C	Cutting	s (-)	-3	37.9
Whole Mud Chlori	ides (m	ıg/L)		43,000		44,000	section	I GE	epth	ft/m	-	lb/gal	E	Evap/ I	Pits/ C	ent		
Water Phase Salir	nity (pp	m)		252,134		256,494		ļ		 	!		Non-Red	overal	ble Vo	. (-)		
Whole Mud Alkalir	nity, Po	om		1.6		2.0	6.875x4	.5 10,	294'	261	I.8 turb	10.77	Est. T	otal or	n Loca	tion	366	66.8
Excess Lime (lb/bl	bl)			2.1 ppb		2.6 ppb	6.818x4	.5 16,	403'	269	9.6 turb	11.17	Est. Los	ses/Ga	ains (-)	/(+)	6	66.7
Electrical Stability	(volts)			581 v		603 v	6.818x5.	.75 16,	536'	527	7.0 turb	11.34	ВІТ	HYDR	AULIC	S DA	TA	
Average Specific (. ,		S	3.21		3.17							Bit H.S.I.	Bit .	ΔΡ	Nozzle	s (32r	nds)
Percent Low Grav				6.2%		6.6%							1.73	367	-			10
ppb Low Gravity S				51 ppb		54 ppb							Rit Impact	Noz	zle		10	10
Percent Barite				6.1%		5.7%							Bit Impact Force	Velo (ft/s	-		\dashv	
ppb Barite				87 ppb		82 ppb	BIT C	DATA	Ма	nuf./Ty	/pe (CF 613	305 lbs	20	´ -		\dashv	
	CM in S	System		1.5-		115-	Size	Depth In	1	ours	Footage	ROP ft/h		1	Calc.	Circ.	Press	sure
Sample Taken By	stimated Total LCM in System					M WashburN	6 3/4	15,696 ft		2.0	116 ft	58.0	1,500			3,227		
. ,	mple Taken By ernoon Remarks/Recommendations:						Afternoon R		<u> </u>	-	,		.,500	-		,		

Drilling 6-3/4" lateral hole section with Schlumberger rotary steerable tool. Average ROP 100 FPH / TQ 16-20k, samples are uniformly consistant fine, coffee ground sized Austin Chalk. Pumping low visc / high visc sweep sequence when requested by directional team and 10 bbls hi-visc sweep every 300 ft (no LCM in sweeps). Maintaining elevated viscosity and flow properies with additions of hectorite (Bentone 42) and attapulgite (Bentone 990) to diminish the effects of tool vibration. No downhole mud losses observed since AM report.

Report #15 TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

92.1° 10,401' TVD

	NOLIA (OIL &	GAS		TTERSO	ON		Block IINGTOI	N	_	1/14		24 hr ft	1,518 ft			•	30 ft
Well Name and No.	SABINE	B 2-H	1	Rig Name ar	nd No. 248		State TE	EXAS		Spud Date	e)1/14	/21	Current	ROP 76 ft/hr		Activity D	RILL	ING
Report for				Report for			Field / OCS-G #			Fluid Type	е	_	Circula	ting Rate		Circulati	ng Pres	sure
JAMES D	YER/JI	МНА	RRISON	То	ol Pusi	ner	GID	DIGNS			ОВ	М	- 2	299 gpn		4	,248	psi
	MUD	PROPE	ERTY SPECIF	ICATION	S		MUD VO	LUME (BE	SL)	I	PUMP	#1		PUMP #2		RISE	ER BO	OOSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	816	6 bbl	Liner S	Size	4.75	Liner	Size 4.	.75	Liner	Size	
8.6-12	5-20	7-13	>400	±250K	<10 <15	<8	In Hole	693	3 bbl	Strok	ке	12	Stro	oke 1	12	Stro	ke	
				2/11/21		2/10/21	Active	150	9 bbl	bbl/s	stk	0.0625	bbl	/stk 0.0	625	bbl/s	stk	0.0000
Time Sample	Taken			3:00		13:30	Storage	<u>234</u>	2 bbl	stk/m	nin	57	stk/	min 5	57	stk/n	nin	
Sample Locati	on			suction		suction	Tot. on Loc	cation 385	1 bbl	gal/m	nin	150	gal/	min 1	50	gal/r	nin	0
Flowline Temp	erature °F	=		90 °F		84 °F		PHHP = 74	1		CIR	CULATIO	N DA	TA		n = 0.	.678	K = 148.626
Depth (ft)				17,330'		16,536'	Bit C	epth = 17,	330 '		٧	Vashout =	1%		Pump	Efficie	ency =	: 95%
Mud Weight (p	opg)			10.0		10.1	Drill String	Volume	to Bit	245.2	bbl	Strokes	To Bit	3,925		Time T	o Bit	34 min
Funnel Vis (se	c/qt)		@ 55 °F	53		54	Disp.	Bottoms U	p Vol.	447.8	bbl	BottomsU	Stks	7,169	Botto	msUp ⁻	Time	63 min
600 rpm				32		36	97.4 bbl	TotalCi	rc.Vol.	1509.0) bbl	TotalCir	c.Stks	24,157	Tota	l Circ.	Time	212 min
300 rpm				20		23		DRILLIN	G ASS	SEMBL	Y DAT	Α		S	OLID	S CON	ITRO	L
200 rpm				15		18	Tubulars	OD (in.)	ID	(in.)	Len	gth T	ор	Unit		Scre	ens	Hours
100 rpm	•			10		14	Drill Pipe	4.500	3.	826	17,1	97'	0'	Shake	r 1	17	0	24.0
6 rpm	•			6		6	Dir. BHA	5.750	2.	250	13	3' 17,	197'	Shake	r 2	17	0	24.0
3 rpm				4		5						17,	330'	Shake	r 3	17	0	24.0
Plastic Viscos	ity (cp)		@ 150 °F	12		13						17,	330'	NOV Drying S	hakers	14	0	24.0
Yield Point (lb.	/100 ft²)		T0 = 2	8		10		CASIN	IG & F	HOLE D	АТА							
Gel Strength (lb/100 ft²)	1	10 sec/10 min	5/14		5/9	Casing	OD (in.)	ID	(in.)	Dep	oth T	ор	Centrifuç	ge 1	NO	V	2.0
Gel Strength (lb/100 ft ²)		30 min	18		11	Riser							VOLUN	ME AC	COUN	ITING	(bbls)
HTHP Filtrate	(cm/30 mi	in)	@ 250 °F	6.0		6.0	Surface	10 3/4			2,89	93'	0'	Prev. 7	Total o	n Loca	ation	3704.7
HTHP Cake T	hickness ((32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	875	10,2	94'	0'	Transfe	erred li	n(+)/O	ut(-)	
Retort Solids (Content			13%		14%	Washout 1								Oil	Added	(+) b	141.1
Corrected Soli	ds (vol%)			11.3%		12.3%	Washout 2								Barite	Added	(+) b	10.4
Retort Oil Con	tent			66%		66%	Oper	Hole Size	6.	818	17,3	30'		Other P	roduct	Usage	e (+)	13.8
Retort Water (Content			21%		20%	ANI	NULAR GE	OME	TRY &	RHEC	LOGY		,	Water	Added	(+) b	75.0
O/W Ratio				76:24		77:23	annular	me	eas.	veloc	city	flow E	CD	Le	eft on C	Cutting	ıs (-)	-68.5
Whole Mud Cl	nlorides (n	ng/L)		44,000		44,000	section		pth	ft/m			'gal	1	Evap/	Pits/ C	ent	-25.6
Water Phase	Salinity (p	pm)		247,300		256,494				I	L	ı						
Whole Mud Al	kalinity, P	om		1.5		2.0	6.875x4.	5 10,	294'	271	.3	turb 10	.69	Est. 7	Total o	n Loca	ation	3851.0
Excess Lime (lb/bbl)			2 ppb		2.6 ppb	6.818x4.	5 17,	197'	279	.4	turb 11	.14	Est. Los	ses/G	ains (-)/(+)	0.0
Electrical Stab	oility (volts))		545 v		603 v	6.818x5.7	75 17,	330'	546	.1	turb 11	.28	BIT	HYDR	RAULI	CS D	ATA
Average Spec	ific Gravity	y of Soli	ids	3.30		3.17								Bit H.S.I.	Bit	ΔΡ	Nozzl	es (32nds)
Percent Low C	Gravity Sol	lids		5.2%		6.6%								1.90	391	psi	10	10 10
ppb Low Grav	ity Solids			42 ppb		54 ppb								Bit Impact	Noz		10	10 10
Percent Barite	!			6.1%		5.7%								Force	Velo	-		
ppb Barite				87 ppb		82 ppb	BIT D	ATA	Ma	anuf./Ty	ре	CF 61	3	324 lbs	20	· -		
Estimated Tot	al LCM in	System	ı ppb				Size	Depth In	Н	ours	Foota	age ROF	ft/hr	Motor/M	WD	Calc.	Circ.	Pressure
Sample Taker		-		A. ROMAN	0	M WashburN	6 3/4	15,696 ft	2:	2.0	1,63	4 ft 7	4.3	1,500	psi		3,425	psi
,	,																	•

Remarks/Recommendations:

OBM RECEIVED: 3515bbls Rec. 206bbls/ 16.0ppg

OBM ON SURFACE__ 3158bbls (Storage + Active)

OBM LOSS__Daily (-0bbl)__Total (-155bbl)

MWD Temp: 302 Deg.

Rig Activity:

In the past 24hrs: Drilling ahead on 6.75" hole with Schlumberger Rotary Steerable tools. Maintain ROP @100ft/hr, when performing Downlink drop ROP to 24ft/hr. Maintain 10ppg MW with Vis of 50+ sec/qt as requested by Directional Team. Pumping Low Vis / Hi-Vis sweeps 10bbls/ea every 300' or as requested. Formation samples show 100% Chalk. Pump rate while drilling 290-300gpm / 90rpm / 25klbs WOB. No Down hole losses noted, No LCM been pumped at this time. Maintain Diesel and water additions with respective chemicals to maintain dilution and porperties. At the time of report: Continue drilling ahead with 300gpm pump rate. Passing 17,340'.

E	ng. 1:	Mi	ke W	ashbı	ırn	Er	ng. 2:	Adolfo	Roman	WH 1:	MIDLA	.ND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
F	hone:	3	61-94	5-577	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	used if the	user so e		no representation	nas been prepared on is made as to the	\$9,648.33	\$117,134.88
													INCLUDI	NG 3RD PAR	TY CHARGES	\$20,532.45	\$251,818.02

New Unit Unit Cost Previous Previo	Well Name a	and No. ABINE B 2	-H	Rig Name and 248		ort #15
New Carb Unith/like New Carb Unith/like	•				CUMU	LATIVE
New Carb Unith/like New Carb Unith/like		Closing	Daily		Cum	
PHPA LIQUID (pail) EVO-LUBE gal \$14.00 400 REW GEL (PREMIUM) ALUMINUM TRISTEARATE 25# sk \$162.83 15 CACL2 (50) LIME (50) 50# sk \$14.32 LIME (50) 50# sk \$30.59 120 ENTONE 38 (60) ENTONE 980 (50) 50# sk \$30.59 ENTONE 990 (50) 50# sk \$3.35 ENTONE 990 (50) FOH sk \$3.32 ENTONE 42 (60) ENTONE 42 (60) ENTONE 42 (60) FOH sk \$3.32 ENTONE 42 (50) ENTONE 42 (50) ENTONE 42 (50) ENTONE 42 (50) FOH sk \$3.32 ENTONE 43 (50) ENTONE 44 (50) ENTONE 44 (50) ENTONE 45 (50) ENT	Received	Inventory	Usage	Daily Cost	Usage	Cum Cost
EVO-LUSE NEW GEL (PREMIUM) ALUMINUM TRISTEARATE 26 sk \$162.83 15 ALUMINUM TRISTEARATE 26 sk \$162.83 15 CACL2 (50) 50 sk \$162.83 15 CACL2 (50) 50 sk \$14.32 100 CACL2 (50) 50 sk \$5.00 140 OPTI - G 50 sk \$5.00 140 OPTI - G 50 sk \$5.00 140 OPTI - G 50 sk \$5.00 50 sk \$5.00 140 OPTI - G 50 sk \$5.00 50 sk \$5.00 140 OPTI - MUL 9al \$10.75 220 OPTI - MUL 9al \$10.75 220 OPTI - MUL 9al \$10.75 220 OPTI - WET 9al \$8.34 275 OL SORR (25) 25 sk \$4.475 DENTONE 90 (50) 50 sk \$33.72 150 OL SORR (25) 25 sk \$4.475 DENTONE 42 (50) 50 sk \$53.7.26 56 New Carb Utilmix 50 sk \$5.25 62 OVBERSEAL 25 sk \$4.275 NEW CARB (M) 50 sk \$5.25 62 OVBERSEAL 25 sk \$21.47 MAGMAFIBER R (30) 30 sk \$28.05 VARISEAL 50 sk \$28.05 115 MAGMAFIBER R (30) 30 sk \$30.37 NUT PLUG M (50) 50 sk \$11.20 GRAPHITE - FINE (50) 50 sk \$311.38 POLVBEADS FINE (50) 50 sk \$311.38 POLVBEADS FINE (50) 50 sk \$311.30 OPTI - WILL (100) 100 sk \$11.00 75 Magnolia Owned OBM bbl \$10.00 75 Magnolia Owned OBM bbl \$10.00 75 Magnolia Owned OBM bbl \$10.00 75 TRUCKING (cwi) each \$2.65 TRUCKING (cwi) each \$2.65 TRUCKING (cwi) each \$2.65 TRUCKING (cwi) each \$2.65 TRUCKING (cwi) each \$2.65 TRUCKING (cwi) each \$52.00 PALLETS (ca) each \$52.00 PALLETS (ca) each \$52.00 PALLETS (ca) each \$52.00 PALLETS (ca) each \$52.00 PALLETS (ca) each \$52.00 PALLETS (ca) each \$52.00 PALLETS (ca) each \$52.00 PALLETS (ca) each \$52.00 PALLETS (ca) each \$52.00 PALLETS (ca) each \$52.00 PALLETS (ca) each \$52.00 PALLETS (ca) each \$52.00 PALLETS (ca) each \$52.00)	10			30	\$1,336.80
NEW GEL (PREMIUM) ALUMINUM TRISTEARATE 25# sk \$162.83 158 150.83 158 CACL2 (50) 50# sk \$14.32 100 CACL2 (50) 50# sk \$14.32 100 COPTI - G 50# sk \$30.59 120 BENTONE 910 (50) 50# sk \$30.59 120 BENTONE 90 (50) 50# sk \$33.59 340 BENTONE 90 (50) 50# sk \$33.59 340 BENTONE 90 (50) 50# sk \$33.59 340 BENTONE 90 (50) 50# sk \$33.59 340 BENTONE 90 (50) 50# sk \$33.59 340 COPTI - WET 991 \$8.34 275 NEW PHALT 50# sk \$33.72 150 COLL SORR (25) 25# sk \$32.72 6 56 BENTONE 42 (50) 50# sk \$32.72 6 56 ENTONE 42 (50) 50# sk \$32.72 6 56 COVERSEAL 25# sk \$21.47 MAGMAFIBER R (25) 25# sk \$21.47 MAGMAFIBER R (30) 30# sk \$23.05 VARISER R (30) 30# sk \$30.37 NATI PLUG M (50) 50# sk \$12.44 56 COTTON SED PHULS (50) 50# sk \$10.44 56 COTTON SED PHULS (50) 50# sk \$10.44 56 COTTON SED PHULS (50) 50# sk \$10.44)	60				
ALUMINUM TRISTEARATE	+	400			150	\$2,100.00
CACL2 (50)	+	70				
LIME (50))	19				
LIME (50)						
LIME (50))	56	44	\$630.08	595	\$8,520.40
BENTONE 38 (50)		100	40		406	+
BENTONE 910 (50))	100	20	\$611.80	220	\$6,729.80
BENTONE 990 (50)						
OPTI - MUL gal \$10.75 220 OPTI - WET gal \$8.3.4 275 NEW PHALT 50# sk \$38.72 150 OIL SORB (25) 25# sk \$4.75 150 BENTONE 42 (50) 50# sk \$327.26 56 New Carb UltiMix 50# sk \$6.35 20 NEW CARB (M) 50# sk \$5.25 82 CYBERSEAL 25# sk \$28.05 115 MAGMAFIBER F (25) 25# sk \$28.05 115 MAGMAFIBER R (30) 30# sk \$28.05 115 MAGMAFIBER R (30) 30# sk \$28.05 115 MAGMAFIBER R (30) 50# sk \$28.05 115 MAGMAFIBER R (30) 50# sk \$22.05 20 VARISEAL 50# sk \$22.05 20 VARISEAL 50# sk \$12.24 55 GOTTON SEED HULLS (50) 50# sk \$12.23 156 GRAPHITE - FINE (50) 50# sk \$24.14 52 <td< td=""><td>3</td><td>53</td><td></td><td></td><td>24</td><td>\$1,425.60</td></td<>	3	53			24	\$1,425.60
OPTI - WET gal \$8.34 275 NEW PHALT 50# sk \$38.72 150 OIL SORB (25) 25# sk \$4.75 DISORD (25) 50# sk \$327.26 56 BENTONE 42 (50) 50# sk \$327.26 56 New Carb UltiMix 50# sk \$5.25 56 New Carb UltiMix 50# sk \$5.25 82 NEW CARB (M) 50# sk \$5.25 82 CYBERSEAL 25# sk \$21.47 MAGMAFIBER F (25) 25# sk \$21.47 MAGMAFIBER F (25) 30# sk \$28.05 115 MAGMAFIBER F (26) 30# sk \$28.05 115 MAGMAFIBER F (26) 50# sk \$20.50 20 FIBER PLUG 30# sk \$20.50 20 COTTON SEED HULLS (50) 50# sk \$12.23 156 GRAPHITE - FINE (50) 50# sk \$24.14 52 POLYBEADS FINE (50) 50# sk \$311.38 90 NEW WATE (SACK BARITE) 100# sk \$1	+	25	9	\$752.31	67	+
NEW PHALT OIL SORB (25) DISORB	_	220			385	
OIL SORB (25) 25# sk \$4.75 BENTONE 42 (50) 50# sk \$327.26 56 NewCarb UltiMix 50# sk \$6.35 20 NEW CARB (M) 50# sk \$5.25 82 CYBERSEAL 25# sk \$28.05 115 MAGMAFIBER F (25) 25# sk \$28.05 115 MAGMAFIBER R (30) 30# sk \$28.05 115 MAGMAFIBER R (30) 30# sk \$28.05 20 YARISEAL 50# sk \$26.50 20 FIBER PLUG 30# sk \$30.37 30# sk \$30.37 NUT PLUG M (50) 50# sk \$12.24 55 GRAPHITE - FINE (50) 50# sk \$24.14 52 POLYBEADS FINE (50) 50# sk \$311.38 POLYBEADS FINE (50) 50# sk \$11.50 180 NEW WATE (SACK BARITE) 100# sk \$11.50 180 BARITE BULK (100) 100# sk \$10.00 75 Magnolia Owned OBM bbl \$352 Magnol	_	275			220	+
BENTONE 42 (50))	110	40	\$1,548.80	150	+
NewCarb UltiMix		47	9	\$2,945.34	40	\$190.00 \$10,799.58
NEW CARB (M) 50# sk \$5.25 82 CYBERSEAL 25# sk \$21.47 MAGMAFIBER F (25) 25# sk \$28.05 115 MAGMAFIBER R (30) 30# sk \$28.05 VARISEAL 50# sk \$26.50 20 FIBER PLUG 30# sk \$26.50 20 FIBER PLUG 30# sk \$12.04 55 COTTON SEED HULLS (50) 50# sk \$12.23 156 GRAPHITE - FINE (50) 50# sk \$12.23 156 GRAPHITE - FINE (50) 50# sk \$11.38 POLYBEADS FINE (50) 50# sk \$11.38 POLYBEADS FINE (50) 50# sk \$160.00 80 NEW WATE (SACK BARITE) 100# sk \$11.50 180 BARITE BULK (100) 100# sk \$7.00 900 DISCOUNTED OBM bbl \$65.00 3084 Magnolia Owned OBM bbl \$10.00 75 Magnolia Owned LGS bbl 362 ENGINEERING (24 HR) each \$925.00 ENGINEERING (DIEM) bbl \$30.00 ENGINEERING (MILES) each \$1.00 TRUCKING (min) each \$650.00 PALLETS (ea) each \$12.00	,	47	9	φ∠,540.34	33	φιυ,/99.58
NEW CARB (M) 50# sk \$5.25 82 CYBERSEAL 25# sk \$21.47 MAGMAFIBER F (25) 25# sk \$28.05 115 MAGMAFIBER R (30) 30# sk \$28.05 VARISEAL 50# sk \$26.50 20 FIBER PLUG 30# sk \$26.50 20 FIBER PLUG 30# sk \$12.04 55 COTTON SEED HULLS (50) 50# sk \$12.23 156 GRAPHITE - FINE (50) 50# sk \$12.23 156 GRAPHITE - FINE (50) 50# sk \$11.38 POLYBEADS FINE (50) 50# sk \$11.38 POLYBEADS FINE (50) 50# sk \$160.00 80 NEW WATE (SACK BARITE) 100# sk \$11.50 180 BARITE BULK (100) 100# sk \$7.00 900 DISCOUNTED OBM bbl \$65.00 3084 Magnolia Owned OBM bbl \$10.00 75 Magnolia Owned LGS bbl 362 ENGINEERING (24 HR) each \$925.00 ENGINEERING (DIEM) bbl \$30.00 ENGINEERING (MILES) each \$1.00 TRUCKING (min) each \$650.00 PALLETS (ea) each \$12.00		20			60	\$381.00
CYBERSEAL 25# sk \$21.47 MAGMAFIBER F (25) 25# sk \$28.05 115 MAGMAFIBER R (30) 30# sk \$28.05 115 MAGMAFIBER R (30) 30# sk \$28.05 20 FIBER PLUG 30# sk \$30.37 100 50# sk \$12.04 55 FIBER PLUG 50# sk \$12.04 55 50# sk \$12.23 156 COTTON SEED HULLS (50) 50# sk \$12.23 156 50# sk \$24.14 52 POLYBEADS FINE (50) 50# sk \$311.38 160.00 80 80 NEW WATE (SACK BARITE) 100# sk \$11.50 180 180 180 NEW WATE (SACK BARITE) 100# sk \$7.00 90	+	82			65	
MAGMAFIBER F (25)		02				Ψ311.20
VARISEAL 50# sk \$26.50 20 FIBER PLUG 30# sk \$30.37 NUT PLUG M (50) 50# sk \$12.04 55 COTTON SEED HULLS (50) 50# sk \$12.04 55 GRAPHITE - FINE (50) 50# sk \$24.14 52 POLYBEADS FINE (50) 50# sk \$11.38 POLYBEADS FINE (50) 50# sk \$11.39 NEW WATE (SACK BARITE) 100# sk \$11.50 180 BARITE BULK (100) 100# sk \$7.00 900 OPTI DRILL (OBM) bbl \$65.00 3084 Magnolia Owned OBM bbl \$10.00 75 Magnolia Owned LGS bbl 352 ENGINEERING (24 HR) each \$925.00 ENGINEERING (MILES) each \$1.00 FALLETS (ea) \$265 TRUCKING (min) each \$560.00 FALLETS (ea) \$22.65 TRUCKING (min) each \$560.00 FALLETS (ea)	5	115			63	\$1,767.15
FIBER PLUG 30# sk \$30.37 NUT PLUG M (50) 50# sk \$12.04 55 COTTON SEED HULLS (50) 50# sk \$12.23 156 GRAPHITE - FINE (50) 50# sk \$24.14 52 POLYBEADS FINE (50) 50# sk \$160.00 80 NEW WATE (SACK BARITE) 100# sk \$11.50 180 BARITE BULK (100) 100# sk \$7.00 900 OPTI DRILL (OBM) bbl \$65.00 3084 Magnolia Owned OBM bbl 162 Magnolia Owned LGS bbl 352 ENGINEERING (24 HR) each \$925.00 ENGINEERING (MILES) each \$1.00 ENGINEERING (MILES) each \$1.00 FALLETS (ea) \$2.65 TRUCKING (min) each \$550.00 FALLETS (ea) \$12.00						
NUT PLUG M (50) 50# sk \$12.04 55 COTTON SEED HULLS (50) 50# sk \$12.23 156 GRAPHITE - FINE (50) 50# sk \$24.14 52 POLYBEADS FINE (50) 50# sk \$311.38 POLYBEADS FINE (50) 50# sk \$111.38 POLYBEADS FINE (50) 50# sk \$111.30 80 NEW WATE (SACK BARITE) 100# sk \$11.50 186 BARITE BULK (100) 100# sk \$7.00 900 DISCOUNTED OBM bbl \$65.00 3084 Magnolia Owned OBM bbl \$10.00 75 Magnolia Owned LGS bbl 352 ENGINEERING (24 HR) each \$925.00 ENGINEERING (DIEM) bbl \$30.00 ENGINEERING (MILES) each \$1.00 TRUCKING (cwt) each \$2.65 TRUCKING (min) each \$565.00 PALLETS (ea) \$12.00)	20				
COTTON SEED HULLS (50) 50# sk \$12.23 156 GRAPHITE - FINE (50) 50# sk \$24.14 52 POLYBEADS FINE (50) 50# sk \$311.38 POLYBEADS FINE (50) 50# sk \$160.00 80 NEW WATE (SACK BARITE) 100# sk \$11.50 180 BARITE BULK (100) 100# sk \$7.00 900 OPTI DRILL (OBM) bbl \$65.00 3084 DISCOUNTED OBM bbl \$10.00 79 Magnolia Owned OBM bbl 162 Magnolia Owned LGS bbl 352 ENGINEERING (24 HR) each \$925.00 ENGINEERING (DIEM) bbl \$30.00 ENGINEERING (MILES) each \$1.00 TRUCKING (cwt) each \$2.65 TRUCKING (min) each \$2.65 TRUCKING (min) each \$650.00 PALLETS (ea) \$12.00						
GRAPHITE - FINE (50) 50# sk \$24.14 52 POLYBEADS FINE (50) 50# sk \$311.38 POLYBEADS FINE (50) 50# sk \$1160.00 80 NEW WATE (SACK BARITE) 100# sk \$11.50 180 BARITE BULK (100) 100# sk \$7.00 900 OPTI DRILL (OBM) bbl \$65.00 3084 DISCOUNTED OBM bbl \$10.00 79 Magnolia Owned OBM bbl 352 Magnolia Owned LGS bbl 352 ENGINEERING (24 HR) each \$925.00 ENGINEERING (DIEM) bbl \$30.00 ENGINEERING (MILES) each \$1.00 TRUCKING (cwt) each \$2.65 TRUCKING (cwt) each \$650.00 PALLETS (ea) each \$12.00	5	55				
POLYBEADS FINE (50)	6	156				
POLYBEADS FINE (50) 50# sk \$160.00 80 NEW WATE (SACK BARITE) 100# sk \$11.50 180 BARITE BULK (100) 100# sk \$7.00 900 OPTI DRILL (OBM) bbl \$65.00 3084 DISCOUNTED OBM bbl \$10.00 79 Magnolia Owned OBM bbl 162 Magnolia Owned LGS bbl 352 ENGINEERING (24 HR) each \$925.00 ENGINEERING (DIEM) bbl \$30.00 ENGINEERING (MILES) each \$1.00 ENGINEERING (MILES) each \$1.00 TRUCKING (cwt) each \$2.65 TRUCKING (cwt) each \$650.00 PALLETS (ea) \$650.00 PALLETS (ea) \$650.00	2	52			17	\$410.38
NEW WATE (SACK BARITE) 100# sk \$11.50 180 BARITE BULK (100) 100# sk \$7.00 900 OPTI DRILL (OBM) bbl \$65.00 3084 DISCOUNTED OBM bbl \$10.00 79 Magnolia Owned OBM bbl 162 Magnolia Owned LGS bbl 352 ENGINEERING (24 HR) each \$925.00 ENGINEERING (DIEM) bbl \$30.00 ENGINEERING (MILES) each \$1.00 TRUCKING (cwt) each \$2.65 TRUCKING (cwt) each \$650.00 PALLETS (ea) each \$12.00						
BARITE BULK (100) 100# sk \$7.00 900)	80			80	\$12,800.00
OPTI DRILL (OBM) DISCOUNTED OBM Magnolia Owned OBM Magnolia Owned LGS BUSINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES))	180				
DISCOUNTED OBM)	750	150	\$1,050.00	2026	\$14,182.00
DISCOUNTED OBM						
DISCOUNTED OBM						
DISCOUNTED OBM						
DISCOUNTED OBM						
DISCOUNTED OBM bbl \$10.00 79						
DISCOUNTED OBM bbl \$10.00 79						
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DISCOUNTED OBM bbl \$10.00 79						
DISCOUNTED OBM						
Magnolia Owned OBM	!	3084				
Magnolia Owned LGS bbl 352 Magnolia Owned LGS bbl 352 ENGINEERING (24 HR) each \$925.00 ENGINEERING (DIEM) bbl \$30.00 ENGINEERING (MILES) each \$1.00 TRUCKING (cwt) each \$2.65 TRUCKING (min) each \$650.00 PALLETS (ea) each \$12.00		79				
ENGINEERING (24 HR) each \$925.00 ENGINEERING (DIEM) bbl \$30.00 ENGINEERING (MILES) each \$1.00 TRUCKING (cwt) each \$2.65 TRUCKING (min) each \$650.00 PALLETS (ea) each \$12.00	2	162			333	3
ENGINEERING (DIEM) bbl \$30.00 ENGINEERING (MILES) each \$1.00 TRUCKING (cwt) each \$2.65 TRUCKING (min) each \$650.00 PALLETS (ea) each \$12.00	2	352				
ENGINEERING (DIEM) bbl \$30.00 ENGINEERING (MILES) each \$1.00 TRUCKING (cwt) each \$2.65 TRUCKING (min) each \$650.00 PALLETS (ea) each \$12.00						
ENGINEERING (DIEM) bbl \$30.00 ENGINEERING (MILES) each \$1.00 TRUCKING (cwt) each \$2.65 TRUCKING (min) each \$650.00 PALLETS (ea) each \$12.00						
ENGINEERING (DIEM) bbl \$30.00 ENGINEERING (MILES) each \$1.00 TRUCKING (cwt) each \$2.65 TRUCKING (min) each \$650.00 PALLETS (ea) each \$12.00					<u> </u>	
ENGINEERING (DIEM) bbl \$30.00 ENGINEERING (MILES) each \$1.00 TRUCKING (cwt) each \$2.65 TRUCKING (min) each \$650.00 PALLETS (ea) each \$12.00						
ENGINEERING (DIEM) bbl \$30.00 ENGINEERING (MILES) each \$1.00 TRUCKING (cwt) each \$2.65 TRUCKING (min) each \$650.00 PALLETS (ea) each \$12.00			2	\$1,850.00	28	\$ \$25,900.00
ENGINEERING (MILES) each \$1.00 TRUCKING (cwt) each \$2.65 TRUCKING (min) each \$650.00 PALLETS (ea) each \$12.00			2	\$60.00	28	
TRUCKING (min) each \$650.00 PALLETS (ea) each \$12.00					1049	\$1,049.00
TRUCKING (min) each \$650.00 PALLETS (ea) each \$12.00						
TRUCKING (min) each \$650.00 PALLETS (ea) each \$12.00					<u> </u>	
TRUCKING (min) each \$650.00 PALLETS (ea) each \$12.00					2046	QE /40 04
PALLETS (ea) each \$12.00					2043	\$5,413.84
	1				40	
(σω) ψ12.00					38	1
	1			<u> </u>	30	\$ 100.00
Daily Sub-Total \$	9,648.33	Cumulati	ve Total \$1	17,134.88	\$117	134.88

Date	Operator			Well Name a	nd No.		Rig Name an	d No.	Report No.	
02/11/21	MAGI	NOLIA OIL	& GAS	S	ABINE B 2	-H	24	48	Repo	rt #15
	DAILY	USAGE 8	k COST	l					CUMUI	LATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
TURBO CHEM / FIRST RESPONSE	25# sk	\$41.75	250		250				90	\$3,757.50
TURBO CHEM SYNSEAL	25# sk	\$85.00	100		100					
TRUBO CHEM PALLETS & SHRINK WRAP	each	\$40.00							8	\$320.00
POLYBEADS FINE (50)	50# sk	\$95.00	200		200					
OBM_D Skid Vol	gal	\$1.74							19278	\$33,543.72
OBM_D 1/29/21	gal	\$1.75							7000	\$12,250.00
Diesel 1/30/21	gal	\$1.74							3500	\$6,090.00
OBM_D 1/30/21 (2)	gal	\$1.74							7003	\$12,185.22
OBM_D 1/30/21 (3)	gal	\$1.74								\$12,181.74
OBM_D 1/31/21	gal	\$1.74							7000	\$12,180.00
OBM_D 2/1/21	gal	\$1.75								\$12,250.00
Diesel Delivery 2/3/21	gal	\$1.82								\$13,116.74
Diesel Delivery 2/5/21	gal	\$1.82	3950			3950				\$13,113.10
Diesel Delivery 2/8/21	gal	\$1.87	7200		5224	1976	\$3,695.12		1976	\$3,695.12
Diesel Delivery 2/10/21	gal	\$1.91		7000	7000					
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					Daily St	ıb-Total \$1	υ,οσ4.12		\$134,0	683.14
						 I				
	Cumı	ılative Total	AES & 3rd	Party \$251	,818.02					
						l				

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: SAB

SABINE B 2-H

					WEEK 1							WEEK 2							WEEK 3			
	Date	1/30/21	1/31/21	2/1/21	2/2/21	2/3/21	2/4/21	2/5/21	2/6/21	2/7/21	2/8/21	2/9/21	2/10/21	2/11/21	2/12/21	2/13/21	2/14/21	2/15/21	2/16/21	2/17/21	2/18/21	2/19/21
		Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Bit Size	9 7/8	9 7/8	9 7/8	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	2,894	6,643	10,303	10,315	10,315	10,775	13,613	14,961	15,142	15,142	15,686	15,696	15,812	17,330							
Totals	Ending Depth	6,643	10,303	10,315	10,315	10,775	13,613	14,961	15,142	15,142	15,686	15,696	15,812	17,330								
14.436	Footage Drilled	3,749	3,660	12	-	460	2,838	1,348	181	-	544	10	116	1,518	-	-	-	-	-	-	-	-
	New Hole Vol.	356	347	1	-	20	126	60	8	-	24	0	5	67	-	-	-	-	-	-	-	-
.,	Starting System Volume	2,942	3,279	3,394	3,299	3,673	3,714	3,694	3,634	3,693	3,757	3,677	3,718	3,705	3,851	3,851	3,851	3,851	3,851	3,851	3,851	3,851
136	Chemical Additions	28	20	,		17	13	18	3		23	<u> </u>	1	13		,	,	,	,	,		
	Base Fluid Added	469	438	18	189	23	90	139	58	24	103	22	71	141								
, -	Barite Increase			7			-	-	69	-	41	14	-	10								
	Weighted Mud Added				367		-	-	-	206	-	-	-	-								
	Slurry Added						-	-	-	-	-	-	-	-								
535	Water Added	60	81			39	60	100	40	20	50	10	-	75								
18	Added for Washout		18				-	-	-	-	-	-	-	-								
3.186	Total Additions	557	557	25	556	79	163	258	170	250	217	46	72	240	-	-	-	-	-	-	-	-
456		8	56	40		13		150	23	-	122	4	15	-								
338	Formation Loss		87	80	72	10	-	-	-	_	100		-	_								
	Mud Loss to Cuttings	213	290	- 00		22	128	61	8	-	25	1	5	69								
	Unrecoverable Volume		200		25		-	56	50	136			60	-								
337	Centrifuge Losses		9		84	3		50	30	50	50		5	26								
				100	404																	1
2,277	Total Losses	221	442	120	181	38	183	317	111	186	297	5	85	94	-	-	-	-	-	-	-	-
-	Mud Transferred Out																					
3,851	Ending System Volume	3,279	3,394	3,299	3,673	3,714	3,694	3,634	3,693	3,757	3,677	3,718	3,705	3,851	3,851	3,851	3,851	3,851	3,851	3,851	3,851	3,851
-	Mud Recovered		1																			
				C	omment	s:					C	omment	s:					C	omment	s:		
					omment						C	omment	s:					С	omment	s:		
		1/30/21	Skid over to 6,643'M	from the A-			Ohrs. Drille	ed ahead	2/6/21	Drilled to 1	C 6			Α.		2/13/21		С	omment	s:		
	1	1/30/21		from the A-			Ohrs. Drille	ed ahead	2/6/21	Drilled to 1				Α.		2/13/21		C	comment	s:		
3,515		1/30/21	to 6,643'M Mud Lost t	from the A-	1H, drilled	out at 16:3			2/7/24	Pick up ne	5142' PO0 w BHA, TIF	OH to chan	ge out BHA	A. Reach botton	m and	2/13/21		С	comment	s:		
3,515			to 6,643'M Mud Lost t	from the A-	1H, drilled	out at 16:3			2/7/24		5142' PO0 w BHA, TIF	OH to chan	ge out BHA		m and			C	Comment	s:		
3,515		1/31/21	Mud Lost t 289.5bbls	from the A-ID to Evap 46.	1H, drilled 2bbls, Cent ge 87bbls	out at 16:3			2/7/21	Pick up ne resume dri	5142' POO w BHA, TIH lling. ead, Pump	OH to chan I, circulate 10bbls Pol	ge out BH/kill mud. R	Reach bottor	nin, while	2/14/21		C	comment	s:		
3,515			Mud Lost t 289.5bbls	from the A-	1H, drilled 2bbls, Cent ge 87bbls	out at 16:3			2/7/21	Pick up ne resume dri	5142' POO w BHA, TIH lling. ead, Pump	OH to chan I, circulate 10bbls Pol	ge out BH/kill mud. R	Reach bottor	nin, while			C	comment	s:		
3,515		2/1/21	Mud Lost to 289.5bbls Running co	from the A-ID to Evap 46 and Seepagasing at 958 the 10.75" ca	1H, drilled of 2bbls, Center 87bbls a2'MD.	out at 16:3	s 10bbls Co	uttings	2/7/21	Pick up ne resume dri Drilling ah sliding, Se	w BHA, TIH lling. ead, Pump epage note	DH to chan I, circulate 10bbls Pol Id, start LC rt POOH.	ge out BHA kill mud. R ymer Bead M sweeps Spot 116bt	ds every 15r while rotation	nin, while ng,	2/14/21		C	Comment	s:		
3,515		1/31/21	Mud Lost to 289.5bbls Running co	from the A-ID to Evap 46 and Seepag	2bbls, Cenge 87bbls 32'MD. sing with fuspacer. Los	out at 16:30 t 9bbls, Pits	s 10bbls Control of the state o	uttings Sibbls 84bbls	2/7/21	Pick up ne resume dri Drilling ah sliding, Se	w BHA, TIH lling. ead, Pump epage note	DH to chan I, circulate 10bbls Pol Id, start LC rt POOH.	ge out BHA kill mud. R ymer Bead M sweeps Spot 116bt	Reach botton Is every 15r while rotatin	nin, while ng,	2/14/21		C	comment	s:		
3,515		2/1/21	Mud Lost to 289.5bbls Running co Cement the interface a and 72bbls	from the A-ID to Evap 46 and Seepag asing at 958 as 10.75" ca and 14bbls s s to seepag	2bbls, Cenige 87bbls 32'MD. sing with fuspacer. Lose running of	t 9bbls, Pit	s 10bbls Control of the state o	uttings Sbbls 84bbls he hole.	2/7/21 2/8/21 2/9/21	Pick up ne resume dri Drilling ahe sliding, Se Drilled to 1 11,500'. L	5142' POC w BHA, TIH liling. ead, Pump epage note 5696'. Sta ay down Pr	OH to chan I, circulate 10bbls Pol d, start LC rt POOH. oDirection:	ge out BH/ kill mud. R ymer Bead M sweeps Spot 116bl al and pick	Reach botton ds every 15r while rotatin bils of 16ppg up Schlumi	nin, while ng, g OBM at perger.	2/14/21 2/15/21 2/16/21		C	Comment	5:		
3,515		2/1/21	Mud Lost to 289.5bbls Running co Cement the interface a and 72bbls	from the A-ID to Evap 46 and Seepar asing at 958 the 10.75" ca and 14bbls s	2bbls, Cenige 87bbls 32'MD. sing with fuspacer. Lose running of	t 9bbls, Pit	s 10bbls Control of the state o	uttings Sbbls 84bbls he hole.	2/7/21 2/8/21 2/9/21	Pick up ne resume dri Drilling ahe sliding, Se Drilled to 111,500'. L	5142' POC w BHA, TIH liling. ead, Pump epage note 5696'. Sta ay down Pr	DH to chan I, circulate 10bbls Pol d, start LC rt POOH. oDirection:	ge out BH/kill mud. R ymer Bead M sweeps Spot 116bt al and pick	ds every 15r while rotation	nin, while ng, g OBM at perger.	2/14/21		C	Comment	s:		
3,515		2/1/21 2/2/21 2/3/21	Mud Lost to 289.5bbls Running co Cement the interface a and 72bbls Drilling cu	from the A-ID to Evap 46 and Seepar asing at 958 the 10.75" ca and 14bls s to seepag tree setion a	1H, drilled 2bbls, Cenge 87bbls 32'MD. sing with fuspacer. Loe running c	out at 16:3 t 9bbls, Pit ull returns, ss to cent casing and	s 10bbls C dumped 25 cutting MW circulaing t	uttings ibbls 84bbls he hole.	2/7/21 2/8/21 2/9/21 2/10/21	Pick up ne resume dri Drilling ahe sliding, Se Drilled to 1 11,500'. L TIH, Wash conditions.	w BHA, TIHiling. ead, Pump epage note 5696'. Sta ay down Pr and Ream Cut MW or or or or or or or or or or or or or	DH to chan I, circulate 10bbls Pol Id, start LC rt POOH. oDirection from 1133 down to 10. ad on latera	ge out BH/kill mud. R ymer Bead M sweeps Spot 116bt al and pick 90' to bottor +ppg. al section.	ds every 15r while rotation bls of 16ppg up Schlumi m. Tight Ho	nin, while ng, g OBM at perger.	2/14/21 2/15/21 2/16/21 2/17/21		C	Comment	5:		
3,515		2/1/21	Mud Lost to 289.5bbls Running co Cement th interface a and 72bbls Drilling cu	from the A-ID to Evap 46 and Seepag asing at 958 as 10.75" ca and 14bbls s s to seepag	2bbls, Cenige 87bbls 32'MD. sing with fuspacer. Loe running of	out at 16:3 t 9bbls, Pit ull returns, ss to cent of assing and D with 8.7p	s 10bbls Codumped 25 cutting MW circulaing to ppg MW.	uttings ibbls 84bbls he hole.	2/7/21 2/8/21 2/9/21 2/10/21 2/11/21	Pick up ne resume dri Drilling ah sliding, Se Drilled to 1 11,500'. L TIH, Wash conditions. Continue E sweeps (1	w BHA, TIHiling. ead, Pump epage note 5696'. Sta ay down Pr and Ream Cut MW or or or or or or or or or or or or or	DH to chan I, circulate 10bbls Pol Id, start LC It POOH. If rom 1133 down to 10. ad on laterary 300'. Do	ge out BH/kill mud. R ymer Bead M sweeps Spot 116btal and pick 00' to bottor+ppg. al section.	ds every 15r while rotation bls of 16pps up Schlumi m. Tight Ho	nin, while ng, g OBM at perger.	2/14/21 2/15/21 2/16/21		C	Comment	s:		
3,515		2/1/21 2/2/21 2/3/21	Mud Lost to 289.5bbls Running co Cement the interface a and 72bbls Drilling cu Drilling ah every 300	from the A-ID to Evap 46 and Seepag asing at 958 as 10.75" ca and 14bbls s s to seepag rve setion a	2bbls, Cenige 87bbls 32'MD. sing with fuspacer. Loe running ct 10,775'M ral section.	out at 16:3 t 9bbls, Pit tl 9bbls, Pit ull returns, ss to cent of the casing and D with 8.7p MW 8.8pp m pump r	dumped 25 cutting MW circulaing to ppg MW.	uttings ibbls 84bbls he hole.	2/7/21 2/8/21 2/9/21 2/10/21 2/11/21	Pick up ne resume dri Drilling ah sliding, Se Drilled to 1 11,500'. L TIH, Wash conditions. Continue E sweeps (1	w BHA, TIHiling. ead, Pump epage note 5696'. Sta ay down Pr and Ream Cut MW contilling ahea biblis) ever	DH to chan I, circulate 10bbls Pol Id, start LC It POOH. If rom 1133 down to 10. ad on laterary 300'. Do	ge out BH/kill mud. R ymer Bead M sweeps Spot 116btal and pick 00' to bottor+ppg. al section.	ds every 15r while rotation bls of 16ppg up Schlumi m. Tight Ho	nin, while ng, g OBM at perger.	2/14/21 2/15/21 2/16/21 2/17/21		C	Comment	5:		

OUTSOURCE FLUID SOLUTIONS LLC.

110 Old Market St.

St Martinville, LA 70582

91.8° 10,389' TVD

															•			
Operator MAGNO	1 IA O	NI &	GAS	Contractor	TERSO	NNI	County / Parish	n / Block HINGTO	N	_	er Start Date 01/1 <i>4</i> /21	24 hi	ftg.		Drilled	Depth 17,6 1	IQ ff	
Well Name and No.	LIA	/IL &	GAS	Rig Name an		/IN	State	HINGTO	'IN	Spud Da			ent ROP		Activity	-	ויפו	
SAE	BINE I	В 2-Н			248		Т	EXAS		(01/14/21		100 ft/h	r	D	RILL	ING	}
Report for JAMES DYE	-D/ III	л ша	DDISON	Report for	ol Push		Field / OSC-G	# DDIGNS		Fluid Ty	rpe OBM	Circu	lating Rate			ting Pres		
						iei			DI.)		PUMP #1		291 gpr			1,350	-	
			RTY SPECI			LITLID		DLUME (B				75	PUMP #2			ER BO	0051	IEK
Weight	PV F 20	YP	E.S.	CaCl2	GELS	HTHP	In Pits		5 bbl	Liner				.75		Size		
8.6-12	5-20	7-13		±250K	<10 <15	<8	In Hole		4 bbl	Stro				12	Stro			
Ti OI- T-I		ארן עונ	OPERTIES	0.00		40.00	Active		0 bbl	bbl/s				0625		/stk		
Time Sample Tak				3:00		13:30	Storage		2 bbl	stk/r				55	stk/			
Sample Location				suction		shaker	Tot. on Loc			gal/r				144	Ŭ	min	17 4	1.40.0
Flowline Tempera	ature °F			90 °F		91 °F	Mud Wt. =			YP:			ON DATA).678		
Depth (ft)	`			17,330'		17,619'	Bit L	Depth = 17				out = 1%		Pump				
Mud Weight (ppg			0	10.0		10.0	Drill String Disp.	Volume				rokes To B	•			Γο Bit		
Funnel Vis (sec/q	qt)		@ 55 °F	53		54	·	Bottoms U				omsUp Stk				Time		
600 rpm				32		40	98.9 bbl	TotalCi				talCirc.Stk	1			Time		min
300 rpm				20		25					LY DATA			SOLID				
200 rpm				15		18	Tubulars	, ,		(in.)	Length	Тор	Uni			ens	Ho	urs
100 rpm	00 rpm 6 rpm			10		11	Drill Pipe	4.500		326	17,486'		Shake			70		
6 rpm	•			6		6	Dir. BHA	5.750	2.2	250	133'	17,486'	Shake			70		
3 rpm	3 rpm			4		5						17,619'	Shake	er 3	17	70		
Plastic Viscosity (,		@ 150 °F	12		15						17,619'	NOV Drying	Shakers	14	10		
Yield Point (lb/10)	0 ft²)		T0 = 2	8		10			NG & I	HOLE	DATA							
Gel Strength (lb/1	100 ft²)	10	0 sec / 10 min	5/14		5/9	Casing	OD (in.)	ID ((in.)	Depth	Тор	Centrifu			OV		
Gel Strength (lb/1	100 ft2)		30 min	18		13	Riser						VOLUI	ME AC	COU	NTING		
HTHP Filtrate (cm	n/30 mi	in)	@ 250 °F	6.0		6.0	Surface	10 3/4			2,893'		Prev.	Total o	n Loc	ation	38	851.0
HTHP Cake Thick	kness ((32nds))	2.0		2.0	Int. Csg.	7 5/8	6.8	375	10,294'		Transf	erred I	n(+)/C	Out(-)		
Retort Solids Con	ntent			13%		14%	Washout 1							Oil	Adde	d (+)		
Corrected Solids	(vol%)			11.3%		12.2%	Washout 2							Barite	Adde	d (+)		
Retort Oil Conten	nt			66%		64%	Open	Hole Size	6.8	318	17,619'		Other P	roduct	Usag	e (+)		
Retort Water Con	ntent			21%		22%	ANI	NULAR GI	EOME	TRY 8	RHEOLO	GY		Water	Adde	ed (+)		
O/W Ratio				76:24		74:26	annula	ır de	epth	velo	-	ECD	Le	eft on (Cutting	gs (-)		
Whole Mud Chlor	rides (n	ng/L)		44,000		46,000	section	n		ft/m	nin reg	lb/gal		Evap/	Pits/	Cent		
Water Phase Sali	inity (p	om)		247,300		246,915												
Whole Mud Alkali	inity, P	om		1.5		2.0	6.875x4	1.5 10,	294'	264	1.2 turb	10.69	Est.	Total c	n Loc	ation _	38	851.0
Excess Lime (lb/b	obl)			2 ppb		2.6 ppb	6.818x4	1.5 17,	486'	272	2.1 turb	11.17	Est. Los	sses/G	iains (-)/(+)		11.5
Electrical Stability	y (volts))		545 v		455 v	6.818x5.	.75 17,	619'	531	I.8 turb	11.33	ВІТ	HYDI	RAUL	CS D	ATA	
Average Specific	Gravity	y of So	lids	3.30		3.03							Bit H.S.I.	Bit	ΔΡ	Nozzl	es (32	2nds)
Percent Low Grav	vity Sol	ids		5.2%		7.5%							1.76	370	psi	10	10	10
ppb Low Gravity	Solids			42 ppb		61 ppb							Bit Impac		zzle ocity	10	10	10
Percent Barite				6.1%		4.8%							Force		sec)			
ppb Barite				87 ppb		68 ppb	BIT C	DATA	Ма	nuf./Ty	ype (CF 613	307 lbs	20	03			
Estimated Total L	_CM in	Systen	n				Size	Depth In	Но	ours	Footage	ROP ft/h	r Motor/M	1WD	Calc	. Circ.	Pres	sure
Sample Taken By	Sample Taken By					M WashburN	6 3/4	15,696 ft	22	2.0	1,634 ft	74.3	1,500	psi		3,358	psi	
Afternoon Remarks/Recommendations:							Afternoon R	Rig Activity:										

Drill 6-3/4" hole section to 17350, Gamma signal failed to downlink, continue control drilling at 100 FPH, catching samples every 25' to confirm if still drilling in Austin Chalk. Circulate B/U every 200' for re evaluation. Maintain mud wt at 10.0 Pump low visc / hi visc sweep sequence as requested by directional team. Adding diesel and water for OWR maintenance and chemicals to maintain mud properties. Restocking location with mud additives, barite and diesel in preparation for expected ice storm.

Report #16 TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

99.5° 10,361' TVD

Operator MAGI Well Name and No.	NOLIA (OIL &	GAS		TTERSO	ON	County / Parish / WASH	Block IINGTON	N	Engineer Start I 01/1		24 hr ft	566 ft		17,	8 9 6	ft
	SABINE	B 2-F	1	Rig Name ar	248			EXAS		Spud Date 01/1	4/21	Curren	31 ft/hr		ctivity Cir. C	lean	up
Report for				Report for			Field / OCS-G #			Fluid Type			ting Rate		irculating P		
JAMES D					ol Pusi	ner		DIGNS		OE			294 gpm		4,61	•	
	l		ERTY SPECIF	1		T		LUME (BB		PUM			PUMP #2		RISER		STER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits) bbl	Liner Size	4.75				Liner Size	:	
8.6-12	5-20	7-13	>400	±250K	<10 <15	<8	In Hole		5 bbl	Stroke	12	Stro		12	Stroke		
				2/12/21		2/11/21	Active		5 bbl	bbl/stk	0.0625			625	bbl/stk	0.	0000
Time Sample				3:00		13:30	Storage		2 bbl	stk/min	56			56	stk/min		
Sample Locati				suction		shaker		cation 383		gal/min	147	ŭ		47	gal/min		0
Flowline Temp	erature °F	Ē		90 °F		91 °F		PHHP = 79°		CI	RCULATION	ON DA			n = 0.652		
Depth (ft)				17,896'		17,619'	Bit D	epth = 17,	896 '		Washout =	- 1%		Pump E	Efficiency	' = 95	%
Mud Weight (p	opg)			10.0		10.0	Drill String	Volume	to Bit	253.2 bbl	Strokes	To Bit	4,054	Т	ime To B	it 36	3 min
Funnel Vis (se	c/qt)		@ 50 °F	54		54	Disp.	Bottoms U	p Vol.	462.2 bbl	BottomsU	lp Stks	7,400	Bottom	sUp Tim	e 66	6 min
600 rpm				33		40	100.4 bbl	TotalCir	rc.Vol.	1495.5 bbl	TotalCi	rc.Stks	23,941	Total	Circ. Time	21	4 min
300 rpm				21		25		DRILLING	G ASS	SEMBLY DA	TA		S	OLIDS	CONTR	OL	
200 rpm				15		18	Tubulars	OD (in.)	ID	(in.) Le	ngth -	Гор	Unit		Screens	Н	lours
100 rpm	•			10		11	Drill Pipe	4.500	3.	826 17,	763'	0'	Shaker	r 1	170	2	24.0
6 rpm	•			6		6	Dir. BHA	5.750	2.:	250 1	33' 17	,763'	Shaker	r 2	170	2	24.0
3 rpm				4		5					17	,896'	Shaker	r 3	170	2	24.0
Plastic Viscos	ity (cp)		@ 150 °F	12		15					17	,896'	NOV Drying S	hakers	140	2	24.0
Yield Point (lb.	/100 ft²)		T0 = 2	9		10		CASIN	IG & H	HOLE DATA	Ī						
Gel Strength (lb/100 ft ²)		10 sec/10 min	6/11		5/9	Casing	OD (in.)	ID	(in.) De	epth -	Гор	Centrifuç	ge 1	NOV		2.0
Gel Strength (lb/100 ft ²)		30 min	15		13	Riser						VOLUM	ME ACC	OUNTIN	IG (b	bls)
HTHP Filtrate	(cm/30 mi	in)	@ 250 °F	6.0		6.0	Surface	10 3/4		2,8	393'	0'	Prev. 7	Total on	Location	ո :	3851.0
HTHP Cake T	hickness ((32nds))	2.0		2.0	Int. Csg.	7 5/8	6.	875 10,	294'	0'	Transfe	erred In	(+)/Out(-)	
Retort Solids (Content			14%		14%	Washout 1							Oil A	Added (+)	41.9
Corrected Soli	ds (vol%)			12.3%		12.2%	Washout 2							Barite A	Added (+)	11.3
Retort Oil Con	tent			65%		64%	Oper	Hole Size	6.	818 17,	896'		Other Pr	roduct l	Jsage (+)	17.7
Retort Water (Content			21%		22%	ANI	NULAR GE	OME.	TRY & RHE	OLOGY		,	Water A	Added (+)	20.0
O/W Ratio				76:24		74:26	annular	me	eas.	velocity	flow E	CD	Le	eft on C	uttings (-)	-25.6
Whole Mud Cl	nlorides (n	ng/L)		44,000		46,000	section		pth	ft/min		/gal	ı	Evap/ P	its/ Cent		-50.0
Water Phase	Salinity (p	pm)		247,300		246,915		l .		I			Non-Red	coverab	le Vol. (-)	-29.0
Whole Mud Al	kalinity, P	om		2.0		2.0	6.875x4.	5 10,	294'	266.6	turb 1	0.63	Est. 7	⊺otal on	Location	n ;	3837.5
Excess Lime (lb/bbl)			2.6 ppb		2.6 ppb	6.818x4.	5 17,	763'	274.5	turb 1	1.06	Est. Los	ses/Ga	ins (-)/(+)	0.0
Electrical Stab	oility (volts))		555 v		455 v	6.818x5.	75 17,	896'	536.6	turb 1	1.15	BIT	HYDR	AULICS	DATA	
Average Spec	ific Gravity	y of Sol	ids	3.10		3.03							Bit H.S.I.	Bit Δ	P Noz	zles (32nds)
Percent Low 0	Gravity Sol	lids		7%		7.5%							1.81	377	psi 10	10	10
ppb Low Grav	ity Solids			58 ppb		61 ppb							Bit Impact	Nozz		10	10
Percent Barite	-			5.2%		4.8%							Force	Veloc (ft/se	-		+
ppb Barite				75 ppb		68 ppb	BIT D	ATA	Ma	anuf./Type	CF 6	13	313 lbs	205	•		+
Estimated Tot	al LCM in	System	n ppb				Size	Depth In			tage RO	P ft/hr	Motor/M	<u> </u>	Lalc. Cir	c. Pre	ssure
Sample Taker				A. ROMAN	0	M WashburN	6 3/4	15,696 ft				5.0	1,500			11 ps	
,							Dia Activity		l						•		

Remarks/Recommendations:

OBM RECEIVED: 3515bbls Rec. 206bbls/ 16.0ppg

OBM ON SURFACE__ 3158bbls (Storage + Active)

OBM LOSS_Daily (-0bbl)_Total (-155bbl)

MWD Temp: 295 Deg.

Rig Activity:

In the past 24hrs: Drilling ahead on 6.75" hole with Schlumberger Rotary Steerable tools. Gamma sensor not working, continue drilling ahead monitor formation samples every 25' drilled. Reduce and Maintain ROP @50ft/hr while drilling, when performing Downlink drop ROP to 0ft/hr. Maintain 10ppg MW with Vis of 54-56 sec/qt as requested by Directional Team. Pumping Low Vis / Hi-Vis sweeps 10bbls/ea every 300' or as requested. Formation samples steady showing 100% Chalk, sample @17896' 50%Chalk/50%ASH. Decision to call TD 17,896'. Pump rate while drilling 290-300gpm / 80rpm / 15-20klbs WOB. No Down hole losses noted at this time. Pump Hi-Vis Sweep and circulate clean up cycle. At the time of report: Circulate Clean up @ 300gpm pump rate. Prepare to Wash and Ream out.

												repor	i. Circulate	Clean up @	soogpiii puilip i	ale. Prepare lo was	and Ream out.
E	ng. 1:	Mi	ke Wa	ashbı	urn	Eı	ng. 2:	Adolf	Roman	WH 1:	MIDLA	ND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
PI	none:	30	61-94	5-57	77	PI	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	used if the	user so el		no representation	nas been prepared on is made as to the	\$14,430.40	\$131,565.28
													INCLUDI	NG 3RD PAR	TY CHARGES	\$17,620.62	\$269,438.64

Date 02/12/21	Operator MAGI	NOLIA OIL	& GAS	Well Name a	nd No. ABINE B 2-	Н	Rig Name and No 248		ort #16
	DAILY	USAGE 8	COST				•	CUMU	ILATIVE
16	11-11	Hadis Octob	Previous	Beechard	Closing	Daily	Daile Card	Cum	0
Item	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost	Usage	Cum Cos
SAPP (50)	50# sk	\$44.56	10		10			30	\$1,336.80
PHPA LIQUID (pail) EVO-LUBE	5 gal	\$41.36 \$14.00	60 400		60 400			150	\$2,100.00
NEW GEL (PREMIUM)	gal	\$14.00	70		70			150	\$2,100.00
ALUMINUM TRISTEARATE	25# sk	\$162.83	19		19				
ALOMINOM TRIOTE/RICKTE	20# 310	ψ102.00	13		13				
CACL2 (50)	50# sk	\$14.32	56	336	336	56	\$801.92	65	+
LIME (50)	50# sk	\$5.00	100	200	200	100	\$500.00	500	<u> </u>
OPTI - G BENTONE 38 (50)	50# sk 50# sk	\$30.59	100	80	160	20	\$611.80	24	\$7,341.60
BENTONE 36 (50) BENTONE 910 (50)	50# sk	\$163.94 \$59.40	53		50	3	\$178.20	2	7 \$1,603.80
BENTONE 990 (50)	50# sk	\$83.59	25		15	10	\$835.90	7	
OPTI - MUL	gal	\$10.75	220	220	440	10	ψοσο.σσ	38	+
OPTI - WET	gal	\$8.34	275	275	495	55	\$458.70	27	+
NEW PHALT	50# sk	\$38.72	110	80	160	30		180	+
OIL SORB (25)	25# sk	\$4.75						40	
BENTONE 42 (50)	50# sk	\$327.26	47		37	10	\$3,272.60	4:	\$14,072.18
			_	_		_			
									1
NewCarb UltiMix	50# sk	\$6.35	20		20			60	
NEW CARB (M)	50# sk	\$5.25	82		82			6:	\$341.25
CYBERSEAL	25# sk	\$21.47	445		445				0 04 707 45
MAGMAFIBER F (25) MAGMAFIBER R (30)	25# sk 30# sk	\$28.05	115		115			69	\$1,767.15
VARISEAL	50# sk	\$28.05 \$26.50	20		20				
FIBER PLUG	30# sk	\$30.37	20		20				
NUT PLUG M (50)	50# sk	\$12.04	55		55				
COTTON SEED HULLS (50)	50# sk	\$12.23	156		156			_	
GRAPHITE - FINE (50)	50# sk	\$24.14	52		52			1	7 \$410.38
POLYBEADS FINE (50)	50# sk	\$311.38							·
POLYBEADS FINE (50)	50# sk	\$160.00	80		80			80	\$12,800.00
NEW WATE (SACK BARITE)	100# sk	\$11.50	180		180				
BARITE BULK (100)	100# sk	\$7.00	750	813	1400	163	\$1,141.00	218	\$15,323.00
									1
OPTI DRILL (OBM)	bbl	\$65.00	3084		3084				+
DISCOUNTED OBM	bbl	\$10.00	79		79				1
DIGGOOM I ED OBIVI	IUU	φ10.00	79		79				1
Magnolia Owned OBM	bbl		162		162			333	3
go.a o mod obivi	501		102		102			33.	-
Magnolia Owned LGS	bbl		352		352				1
								_	
			_	_		_			
									1
									1
ENOINEEDING (CALES)		***					04.050.50		0 00 ===
ENGINEERING (24 HR)	each	\$925.00					\$1,850.00		\$27,750.00
ENGINEERING (DIEM)	bbl	\$30.00 \$1.00				2	\$60.00	104	
ENGINEERING (MILES)	each	\$1.00						1049	\$1,049.00
									+
									1
	aaab	\$2.65				1207	\$3,198.68	3250	\$8,612.53
TRUCKING (cwt)	each								
TRUCKING (cwt) TRUCKING (min)	each	\$650.00							\$2,600.00
		\$650.00 \$12.00				15	\$180.00	5:	
TRUCKING (min)	each					15 15			\$660.00

Date	Operator			Well Name a	ind No.		Rig Name an	d No.	Report No.	
02/12/21	MAGI	NOLIA OIL	& GAS	S	ABINE B 2	-Н	2	48	Repo	rt #16
	DAILY	USAGE 8	k COST						СПМП	LATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
TURBO CHEM / FIRST RESPONSE	25# sk	\$41.75	250		250				90	\$3,757.50
TURBO CHEM SYNSEAL	25# sk	\$85.00	100		100					
TRUBO CHEM PALLETS & SHRINK WRAP	each	\$40.00							8	\$320.00
POLYBEADS FINE (50)	50# sk	\$95.00	200		200					
OBM_D Skid Vol	gal	\$1.74							19278	\$33,543.72
OBM_D 1/29/21	gal	\$1.75							7000	\$12,250.00
Diesel 1/30/21	gal	\$1.74							3500	\$6,090.00
OBM_D 1/30/21 (2)	gal	\$1.74							7003	\$12,185.22
OBM_D 1/30/21 (3)	gal	\$1.74							7001	\$12,181.74
OBM_D 1/31/21	gal	\$1.74							7000	\$12,180.00
OBM_D 2/1/21	gal	\$1.75							7000	\$12,250.00
Diesel Delivery 2/3/21	gal	\$1.82							7207	\$13,116.74
Diesel Delivery 2/5/21	gal	\$1.82							7205	\$13,113.10
Diesel Delivery 2/8/21	gal	\$1.87	5224		3518	1706	\$3,190.22		3682	\$6,885.34
Diesel Delivery 2/10/21	gal	\$1.91	7000		7000					
					Daily S	ub-Total \$3	3,190.22		\$137,8	373.36
						I				
	Cum	ılative Total	AES & 3rd	Party \$269	,438.65					
	1									

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: SAB

SABINE B 2-H

					WEEK 1							WEEK 2							WEEK 3			
	Date	1/30/21	1/31/21	2/1/21	2/2/21	2/3/21	2/4/21	2/5/21	2/6/21	2/7/21	2/8/21	2/9/21	2/10/21	2/11/21	2/12/21	2/13/21	2/14/21	2/15/21	2/16/21	2/17/21	2/18/21	2/19/21
		Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Bit Size	9 7/8	9 7/8	9 7/8	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	2,894	6,643	10,303	10,315	10,315	10,775	13,613	14,961	15,142	15,142	15,686	15,696	15,812	17,330	17,896						
Totals	Ending Depth	6,643	10,303	10,315	10,315	10,775	13,613	14,961	15,142	15,142	15,686	15,696	15,812	17,330	17,896	,						
	Footage Drilled	3,749	3,660	12	-	460	2,838	1,348	181	-	544	10	116	1,518	566	_	_	_	_	_	_	_
	New Hole Vol.	356	347	1		20	126	60	8	-	24	0	5	67	25	_	_	_	-	_		_
1,039	Starting System Volume	2.942	3,279	3,394	3,299	3,673	3,714	3,694	3.634	3,693	3,757	3,677	3,718	3,705	3,851	3,837	3,837	3,837	3,837	3,837	3,837	3,837
151	Chemical Additions	28	20	0,004	0,200	17	13	18	3	-	23	-	1	13	18	0,007	0,001	0,001	3,007	0,001	3,007	0,007
	Base Fluid Added	469	438	18	189	23	90	139	58	24	103	22	71	141	42							
	Barite Increase	403	430	7	103	23	-	-	69	-	41	14	-	10	11							
	Weighted Mud Added			,	367		_	-	-	206	-	- 17		-	- ''							
-	Slurry Added				001		_		_	-	_			_	-							
	Water Added	60	81			39	60	100	40	20	50	10	_	75	20							
	Added for Washout		18				-	-	-	-	-	-	-	-	-							
3.277	Total Additions	557	557	25	556	79	163	258	170	250	217	46	72	240	91	_	_	_	_	_	_	_
- ,	Surface Losses			40	330	13	25	150	23	-	122	40		-	31		_	-	_	=	_	-
	Formation Loss	8	87	80	72	13		150	23	-	100	- 4	15 -	-	_							
	Mud Loss to Cuttings	213	290	60	12	22	128	61	- 8	-	25		5	69	26							
		213	290		25	22	-	56	50	136	23	- '	60	- 09	29							
387	Centrifuge Losses		9		84	3	30	50	30	50	50		5	26	50							
				1													I	1			1	
2,382	Total Losses	221	442	120	181	38	183	317	111	186	297	5	85	94	105	-	-	-	-	-	-	-
-	Mud Transferred Out																					
3,837	Ending System Volume	3,279	3,394	3,299	3,673	3,714	3,694	3,634	3,693	3,757	3,677	3,718	3,705	3,851	3,837	3,837	3,837	3,837	3,837	3,837	3,837	3,837
-	Mud Recovered																					
				С	omment	s:					С	omment	s:					С	omment	s:		
		1/30/21	Skid over to 6,643'M	from the A-	1H, drilled	out at 16:30	Ohrs. Drille	d ahead	2/6/21	Drilled to 1	5142' PO0	OH to chan	ge out BH	Α.		2/13/21						
3,515		1/31/21		to Evap 46. and Seepa		t 9bbls, Pits	s 10bbls Cu	uttings	7///71	Pick up ne resume dri		l, circulate	kill mud. R	Reach bottor	m and	2/14/21						
		2/1/21	Running c	asing at 95	82'MD.									ls every 15r while rotatii		2/15/21						
		Cement the 10.75" casing with full returns, dumped 25bbls interface and 14bbls spacer. Loss to cent cutting MW 84bb and 72bbls to seepage running casing and circulaing the ho												bls of 16ppg up Schlum		2/16/21						
		2/3/21	Drilling cu	rve setion a	at 10,775'M	D with 8.7p	pg MW.				and Ream Cut MW o			m. Tight Ho	e	2/17/21						
		2/4/21		ead on late ' 10bbls (LC				g sweeps	2/11/21	sweeps (1		ry 300'. Do	own link as	Pump Low needed to		2/18/21						
		2/5/21	Drilling ah and resum	ead. Perfor ne drilling.	m Wiper tri	p 10 stands	s. Back to	bottom						I it TD. Circ out of the h		2/19/21						

110 Old Market St.

St Martinville, LA 70582

91.4° 10,531' TVD

Operator				Contractor			County / Parish	h / Block		Enginee	er Start Date	24	nr ftg.		Drilled	Depth		
	IOLIA (OIL &	GAS		TERSC	N		HINGTO	N		01/14/21					17,89	96 ft	t
Well Name and No.	ABINE	B 2-F	1	Rig Name ar	nd No. 248		State T	EXAS		Spud Da	^{ate} 01/1 <i>4</i> /21		rent ROP		Activity	ream o	out of	i Hole
Report for				Report for			Field / OSC-G	#		Fluid Ty	ре	Circ	ulating Rate		Circula	ating Pres	sure	
JAMES D	YER/JI	М НА	RRISON	То	ol Push	ner	GIE	DIGNS			OBM		291 gp	m				
	MUD	PROPE	ERTY SPECI	FICATION	IS		MUD VC	DLUME (B	BL)		PUMP #1		PUMP #	2	RIS	SER BO	oos	ΓER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	780) bbl	Liner	Size 4.	75 Lii	ner Size	4.75	Line	r Size		
8.6-12	5-20	7-13	3 >400	±250K	<10 <15	<8	In Hole	e 735	5 bbl	Stro	ke 1	2 5	Stroke	12	Str	oke		
	M	UD PR	OPERTIES				Active	135	6 bbl	bbl/s	stk 0.0	625	obl/stk 0	.0625	bb	l/stk		
Time Sample	Taken			3:00		13:30	Storage	e <u>234</u>	2 bbl	stk/r	min 5	55 s	tk/min	56	stk	/min		
Sample Locat	ion			suction		shaker	Tot. on Loc	cation 385	7 bbl	gal/r	min 1	44 (al/min	147	gal	/min		
Flowline Temp	erature °	F		90 °F		91 °F	Mud Wt. =	10.0 PV	=12	YP:	=9 CI	RCULAT	ION DATA		n = (0.652	K = 1	183.5
Depth (ft)				17,896'		17,896'	Bit D	Depth = 14,	382 '		Wash	out = 1%	ò	Pump	Effici	iency =	95%	6
Mud Weight (p	opg)			10.0		10.0	Drill String	Volume	to Bit	203.3	3 bbl St	rokes To I	Bit 3,254		Time	To Bit	29	min
Funnel Vis (se	ec/qt)		@ 50 °F	54		52	Disp.	Bottoms U	p Vol.	372.7	bbl Botte	omsUp St	ks 5,966	Botto	omsUp	Time	54	min
600 rpm				33		35	81.3 bbl	TotalCii	rc.Vol.	1356.	0 bbl To	otalCirc.St	ks 21,707	Tota	al Circ.	. Time	196	min
300 rpm				21		22		DRILLIN	G ASS	SEMBI	LY DATA			SOLIE	s co	NTRO	L	
200 rpm				15		18	Tubulars	OD (in.)	ID	(in.)	Length	Тор	Un	it	Scr	eens	Но	urs
100 rpm				10		11	Drill Pipe	4.500	3.8	326	14,249'		Shak	er 1	1	70		
6 rpm				6		5	Dir. BHA	5.750	2.2	250	133'	14,249	Shak	er 2	1	70		
3 rpm	·			4		4						14,382	' Shak	er 3	1	70		
Plastic Viscos	ity (cp)		@ 150 °F	12		13						14,382	NOV Drying	Shakers	1-	40		
Yield Point (lb.	/100 ft²)		T0 = 2	9		9		CASIN	IG & I	HOLE	DATA							
Gel Strength (lb/100 ft²)	1	0 sec / 10 min	6/11		5/10	Casing	OD (in.)	ID	(in.)	Depth	Тор	Centrif	uge 1	N	OV		
Gel Strength (lb/100 ft2)	30 min	15		13	Riser						VOLU	JME A	ccou	NTING	(bb	ls)
HTHP Filtrate	(cm/30 m	nin)	@ 250 °F	6.0		6.0	Surface	10 3/4			2,893'		Prev.	Total	on Loc	cation	38	837.5
HTHP Cake T	hickness	(32nds	5)	2.0		2.0	Int. Csg.	7 5/8	6.8	375	10,294'		Trans	ferred	In(+)/0	Out(-)		
Retort Solids (Content			14%		14%	Washout 1							0	I Adde	ed (+)		
Corrected Soli	ids (vol%))		12.3%		12.3%	Washout 2							Barite	e Adde	ed (+)		
Retort Oil Con	itent			65%		65%	Open	Hole Size	6.8	318	17,896'		Other	Produc	t Usaç	ge (+)		
Retort Water (Content			21%		21%	ANI	NULAR GI	OME	TRY 8	RHEOLO	OGY		Wate	r Adde	ed (+)		
O/W Ratio				76:24		76:24	annula	ar	41-	velo	city flow	ECD	l	eft on	Cuttin	gs (-)		
Whole Mud Cl	hlorides (mg/L)		44,000		45,000	section	ı de	pth	ft/m	-	lb/gal		Evap	Pits/	Cent		
Water Phase	Salinity (p	pm)		247,300		251,507		*		Į.			Non-Re	ecover	able V	ol. (-)		
Whole Mud Al	kalinity, F	om		2.0		2.0	6.875x4	l.5 10,	294'	264	l.2 turb	10.59	Est.	Total	on Loc	cation	38	837.5
Excess Lime ((lb/bbl)			2.6 ppb		2.6 ppb	6.818x4	1.5 14,	249'	272	2.1 turb	10.77	Est. Lo	sses/C	ains ((-)/(+)		19.2
Electrical Stab	oility (volts	s)		555 v		510 v	6.818x5.	.75 14,	382'	531	.8 turb	10.83	BI	T HYD	RAUL	ICS D	ATA	
Average Spec	ific Gravi	ty of Sc	olids	3.10		3.05							Bit H.S.	I. Bi	t ΔP	Nozzl	es (32	2nds)
Percent Low 0	Gravity Sc	olids		7%		7.3%							1.76	370) psi	10	10	10
ppb Low Grav	ity Solids			58 ppb		60 ppb							Bit Impa	∩t I	zzle	10	10	10
Percent Barite)			5.2%		4.9%							Force	vei	ocity sec)			
ppb Barite				75 ppb		70 ppb	BIT D	DATA	Ма	nuf./Ty	/pe (CF 613	307 lbs	. 2	203			
Estimated Tot	al LCM in	Syster	m				Size	Depth In	Но	urs	Footage	ROP ft/	hr Motor/	MWD	Calc	c. Circ.	Pres	sure
Sample Taker	Sample Taken By					M WashburN	6 3/4	15,696 ft	40	0.0	2,200 ft	55.0	1,500	psi		3,100	psi	
Afternoon Rem	Afternoon Remarks/Recommendations:						Afternoon R	Rig Activity:		ļ					-			

Drill to TD at 17,896, pump 2 X 30 bbls Hi Visc sweeps and circulate until shale shakers were observed to be clean. Begin pumping and backreaming out of hole, pump 10 bbls Low Visc and 10 bbls Hi Visc sweeps every 500', and shut in well during connections. At the top of the curve 11,300' will pump and spot 100+bbls 16.0# kill mud to relieve annular pressures. Trip depth at the time of report is 14382', no downhole mud losses observed since AM report.

Report #17 TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

0.4° 500' TVD

Operator MAG	NOLIA (OIL & G	SAS	Contractor PA	TERSO)N	County / Parish / WASh	Block HINGTON	1	Engineer Start 01/	t Date 14/21	24 hr 1	ftg. Oft		Drilled D	Depth 17,89	6 ft	
Well Name and No	SABINE	B 2-H		Rig Name ar	nd No.		State T	EXAS		Spud Date	14/21	Curre	ot ROP Oft/hr		Activity Lay	Dow	n B	НА
Report for	VED/II	IM LIAD	DISON	Report for	ol Pusi	or	Field / OCS-G #	DIGNS		Fluid Type	вм	Circul	ating Rate			ing Press	sure	
JANES			RTY SPECIF			ier				_	MP #1		0 gpm PUMP #2		DIGI	ps ER BO		ED
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	OLUME (BB	bbl	Liner Size		5 Line		75	Liner		031	
8.6-12	5-20	7-13	>400	±250K	<10 <15	<8	In Hole		bbl bbl	Stroke	12			2	Stro			
0.0 .2	0 20	0	7 100	2/13/21	110 110	2/12/21	Active		bbl	bbl/stk	0.06			625	bbl/		0.00	000
Time Sample	Taken			3:00		13:30	Storage		2 <u>bbl</u>	stk/min	0			0	stk/r			
Sample Locat				suction		shaker		cation 382		gal/min	0	ga	l/min (0	gal/r	min	0	,
Flowline Tem	perature °F					91 °F		PHHP = 0			CIRCULA	ATION DA	ATA	J	n = 0	.628 k	(= 22;	3.367
Depth (ft)				17,896'		17,896'	Bit	t Depth = 50	00 '		Washo	ut = 1%		Pump	Efficie	ency =	95%	
Mud Weight (ppg)			10.2		10.0	Drill String	Volume	to Bit	5.9 bbl	Stro	kes To Bit	t		Time T	Го Bit		
Funnel Vis (se	ec/qt)		@ 50 °F	61		52	Disp.	Bottoms U	p Vol.	11.5 bbl	Bottor	nsUp Stks	;	Bottor	nsUp	Time		
600 rpm				34		35	5.6 bbl	TotalCir	c.Vol.	686.3 bb	I Tota	alCirc.Stks	;	Total	l Circ.	Time		
300 rpm				22		22		DRILLING	3 ASS	SEMBLY D	ATA		S	OLIDS	S CON	NTROL		
200 rpm				16		18	Tubulars	OD (in.)	ID	(in.) L	ength	Тор	Unit		Scre	ens	Ηοι	ırs
100 rpm				12		11	Drill Pipe	4.500	3.	826	367'	0'	Shaker	1	17	0	24.	.0
6 rpm				6		5	Dir. BHA	5.750	2.	250	133'	367'	Shaker	2	17	0	24.	.0
3 rpm				4		4						500'	Shaker	3	17	0	24.	.0
Plastic Viscos	sity (cp)		@ 150 °F	12		13						500'	NOV Drying S	hakers	14	10	24.	.0
Yield Point (lb	/100 ft²)		T0 = 2	10		9		CASIN	G & F	HOLE DAT	'A							
Gel Strength	(lb/100 ft²)	10	sec/10 min	6/12		5/10	Casing	OD (in.)	ID	(in.)	Depth	Тор	Centrifuç	ge 1	NC	V		
Gel Strength	(lb/100 ft ²)		30 min	16		13	Riser						VOLUM	IE AC	COUN	NTING	(bbl	s)
HTHP Filtrate	(cm/30 m	in)	@ 250 °F	6.0		6.0	Surface	10 3/4		2	2,893'	0'	Prev. T	otal o	n Loca	ation	38	37.5
HTHP Cake T	hickness	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	875 10	0,294'	0'	Transfe	erred Ir	n(+)/O	out(-)		
Retort Solids	Content			15%		14%	Washout 1							Oil	Adde	d (+)		12.3
Corrected Sol	ids (vol%)			13.3%		12.3%	Washout 2							Barite	Adde	d (+)		0.0
Retort Oil Cor	ntent			64%		65%	Орег	n Hole Size	6.	818 17	7,896'		Other Pr	oduct	Usag	e (+)		0.0
Retort Water	Content			21%		21%	AN	NULAR GE	ОМЕ	TRY & RH	EOLOG	Y	,	Water	Adde	d (+)		
O/W Ratio				75:25		76:24	annula	r me	as.	velocity	flow	ECD	Le	ft on C	Cutting	gs (-)		0.0
Whole Mud C	hlorides (n	ng/L)		44,000		45,000	section	n de	pth	ft/min	reg	lb/gal		Evap/ I	Pits/ C	Cent	-:	28.5
Water Phase	Salinity (p	pm)		247,300		251,507							Non-Red	overal	ble Vo	ol. (-)		
Whole Mud A	lkalinity, P	om		2.0		2.0	6.875x4	.5 36	67'	0.0	lam	10.20	Est. T	otal or	n Loca	ation _	38	21.3
Excess Lime	(lb/bbl)			2.6 ppb		2.6 ppb	6.875x5.	75 50	00'	0.0	lam	10.20	Est. Los	ses/Ga	ains (-	-)/(+)		0.0
Electrical Stat	oility (volts)		521 v		510 v							BIT	HYDR	AULI	CS DA	TA	
Average Spec	cific Gravit	y of Solids	S	3.07		3.05							Bit H.S.I.	Bit .	ΔΡ	Nozzle	s (32	nds)
Percent Low (Gravity So	lids		7.8%		7.3%							0.00	р	si	10	10	10
ppb Low Grav	vity Solids			64 ppb		60 ppb							Bit Impact	Noz Velo		10	10	10
Percent Barite	9			5.5%		4.9%							Force	(ft/s	ec)			
ppb Barite				78 ppb		70 ppb	BIT C	DATA	Ма	nuf./Type	1	F 613	0 lbs	0				
Estimated Tot	tal LCM in	System	ppb				Size	Depth In				ROP ft/hr			Calc.	Circ.	Press	sure
Sample Taker				A. ROMAN	0	M WashburN		15,696 ft	4	0.0 2,	200 ft	55.0	1,500	osi				
Remarks/Reco	ommendation	ons:					Rig Activity:											
OBM REC	EIVED:	3515b	bls Rec	206bbls	/ 16.0ppg	l												
			8bbls (Stor Total (-	_	tive)		At 11300 Spot 110 POOH o	0' circulate Obbls of 16	d BU ppg l al way	. Continue kill mud ou y to the Bl	POOH utside th	to the sl e bit, Pu	tart wash a hoe. At the Ill out of the of report: L	shoe e Kill p	circu oill an	ılated ıd pun	BU a	and ug.
MWD Ten	np: Ne	a.																
Eng. 1: M	ike Washbi	urn E	Ü	o Roman 821-9994	WH 1:	MIDLA 432-686		WH 2: Phone:	WH #	2 I	Rig Phone	э:	Daily Total		Cu	ımulativ	re Co	st
W P Y 1 1 1	E C 1 1	g G 1 1	H O 1 1	Any opi	nion and or and may b	recommenda e used if the	ation, expresse e user so elects this is a recomm	d orally or wri	repres				\$1,910.00)	\$1	133,47	75.28	}
								NCLUDING	3RD	PARTY CI	HARGES	: I	\$2.878.66		\$:	272.3°	17 30	a l

Date 02/13/21	Operator MAG	NOLIA OIL		Well Name a	ind No. ABINE B 2-	Н	Rig Name ar	nd No. 48	Report No. Repo	rt #17
	DAILY	USAGE 8	k COST							LATIVE
			Previous		Closing	Daily	<u> </u>		Cum	
Item	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost		Usage	Cum Cost
SAPP (50)	50# sk	\$44.56	10		10				30	\$1,336.80
PHPA LIQUID (pail)	5 gal	\$41.36	60		60				450	#0.400.00
EVO-LUBE NEW GEL (PREMIUM)	gal	\$14.00	400 70		400 70				150	\$2,100.00
ALUMINUM TRISTEARATE	25# sk	\$162.83	19		19					
ALOMINOM TRIOTEAUATE	20# 310	ψ102.00	13		13		<u> </u>			
CACL2 (50)	50# sk	\$14.32	336		336				651	\$9,322.32
OPTI - G	50# sk 50# sk	\$5.00 \$30.59	200 160		200 160				506 240	\$2,530.00 \$7,341.60
BENTONE 38 (50)	50# sk	\$163.94	100		100				240	\$7,341.00
BENTONE 910 (50)	50# sk	\$59.40	50		50		1		27	\$1,603.80
BENTONE 990 (50)	50# sk	\$83.59	15		15				77	\$6,436.43
OPTI - MUL	gal	\$10.75	440		440				385	
OPTI - WET	gal	\$8.34	495		495				275	\$2,293.50
NEW PHALT	50# sk	\$38.72	160		160				180	\$6,969.60
OIL SORB (25)	25# sk	\$4.75							40	\$190.00
BENTONE 42 (50)	50# sk	\$327.26	37		37				43	\$14,072.18
NewCarb UltiMix	50# sk	\$6.35	20		20			-	60	\$381.00
NEW CARB (M)	50# sk	\$5.25	82		82				65	\$341.25
CYBERSEAL	25# sk	\$21.47	02		02				0.5	ψ541.25
MAGMAFIBER F (25)	25# sk	\$28.05	115		115				63	\$1,767.15
MAGMAFIBER R (30)	30# sk	\$28.05								
VARISEAL	50# sk	\$26.50	20		20					
FIBER PLUG	30# sk	\$30.37								
NUT PLUG M (50)	50# sk	\$12.04	55		55					
COTTON SEED HULLS (50)	50# sk	\$12.23	156		156					
GRAPHITE - FINE (50)	50# sk	\$24.14	52		52				17	\$410.38
POLYBEADS FINE (50)	50# sk 50# sk	\$311.38	00		80		1		00	\$12,800.00
POLYBEADS FINE (50)	50# SK	\$160.00	80		80		1		80	\$12,800.00
NEW WATE (SACK BARITE)	100# sk	\$11.50	180		180					
BARITE BULK (100)	100# sk	\$7.00	1400		1400				2189	\$15,323.00
							1			
]		
OPTI DRILL (OBM)	bbl	\$65.00	3084		3084			-		
DISCOLINTED OPM	LL.I	Ø40.00	70		70					
DISCOUNTED OBM	bbl	\$10.00	79		79					
Magnolia Owned OBM	bbl		162		162				333	
	DOI		102		102			1	333	
Magnolia Owned LGS	bbl		352		352					
							1			
								-		
ENGINEERING (24 HR)	each	\$925.00					2 \$1,850.00		20	\$29,600.00
ENGINEERING (DIEM)	bbl	\$925.00				2			32	\$960.00
ENGINEERING (MILES)	each	\$1.00					φ00.00	1	1049	
- (,	23011	+						1		, , , , , , , , , , , , , , , , , , , ,
								1		
	each	\$2.65							3250	\$8,612.53
TRUCKING (cwt)						_				_
TRUCKING (min)	each	\$650.00							4	\$2,600.00
TRUCKING (min) PALLETS (ea)	each	\$12.00							55	\$660.00
TRUCKING (min)										

Date	Operator			Well Name a	ind No.		Rig Name an	d No.	Report No.	
02/13/21	MAGI	NOLIA OIL	& GAS	S	ABINE B 2	-Н	24	48	Repo	rt #17
	DAILY	USAGE 8	& COST				l		CUMUI	LATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
TURBO CHEM / FIRST RESPONSE	25# sk	\$41.75	250		250			-	90	\$3,757.50
TURBO CHEM SYNSEAL	25# sk	\$85.00	100		100			-		
TRUBO CHEM PALLETS & SHRINK WRAP	each	\$40.00						•	8	\$320.00
POLYBEADS FINE (50)	50# sk	\$95.00	200		200			•		
								•		
OBM_D Skid Vol	gal	\$1.74							19278	\$33,543.72
OBM_D 1/29/21	gal	\$1.75							7000	\$12,250.00
Diesel 1/30/21	gal	\$1.74							3500	\$6,090.00
OBM_D 1/30/21 (2)	gal	\$1.74						•	7003	\$12,185.22
OBM_D 1/30/21 (3)	gal	\$1.74						•		\$12,181.74
OBM_D 1/31/21	gal	\$1.74						-		\$12,180.00
OBM_D 2/1/21	gal	\$1.75						-		\$12,250.00
Diesel Delivery 2/3/21	gal	\$1.82								\$13,116.74
Diesel Delivery 2/5/21	gal	\$1.82								\$13,113.10
Diesel Delivery 2/8/21	gal	\$1.87	3518		3000		\$968.66	•	4200	\$7,854.00
Diesel Delivery 2/10/21	gal	\$1.91	7000		7000			-		
	 							•		
	 							•		
	+							-		
	+							-		
								-		
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								•		
					Daily S	Sub-Total \$	968.66		\$138.8	342.02
								<u> </u>	,	
	Cumu	ulative Total	AES & 3rd	Party \$272	2,317.31					
1						•				

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: SAB

SABINE B 2-H

					WEEK 1							WEEK 2							WEEK 3			
	Date	1/30/21	1/31/21	2/1/21	2/2/21	2/3/21	2/4/21	2/5/21	2/6/21	2/7/21	2/8/21	2/9/21	2/10/21	2/11/21	2/12/21	2/13/21	2/14/21	2/15/21	2/16/21	2/17/21	2/18/21	2/19/21
		Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Bit Size	9 7/8	9 7/8	9 7/8	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	6 3/4						
Grand	Starting Depth	2,894	6,643	10,303	10,315	10,315	10,775	13,613	14,961	15,142	15,142	15,686	15,696	15,812	17,330	17,896	17,896					
Totals	Ending Depth	6,643	10,303	10,315	10,315	10,775	13,613	14,961	15,142	15,142	15,686	15,696	15,812	17,330	17,896	17.896	,					
	Footage Drilled	3,749	3,660	12	-	460	2,838	1,348	181	-	544	10	116	1,518	566	-	_	_	_	_	_	_
	New Hole Vol.	3,749	3,000	1 1		20	126	60	8		24	0	5	67	25			-			-	-
1,039				-								_										
454	Starting System Volume Chemical Additions	2,942 28	3,279	3,394	3,299	3,673	3,714	3,694	3,634	3,693	3,757 23	3,677	3,718	3,705	3,851	3,837	3,821	3,821	3,821	3,821	3,821	3,821
		469	438	18	189	23	13 90	139	58	- 24	103	- 22	71	141	42	12						
	Barite Increase	409	430	7	109	23	-	-	69	-	41	14	-	10	11	-						
				,	367			_	- 09	206	-	-	-	-	- ''							
	Slurry Added				307		-	-		200	-		-	-								
	Water Added	60	81			39	60	100	40	20	50	10		75	20							
	Added for Washout	00	18			39	-	-	-	-	-	-	-	- 75	- 20							1
	Total Additions	EE7		25	556	70	163		470					240	91							
0,200		557	557	25	ეეზ	79		258	170	250	217	46	72	_	91	12	-	-	-	-	-	-
456	Surface Losses	8	56	40	70	13	25	150	23	-	122	4	15	-		-						
338	Formation Loss	040	87 290	80	72	22	128	- 04	-	-	100	- 4		- 69	-	-						
846	Mud Loss to Cuttings	213	290		٥٢	22		61	8	-	25	1	5		26	-						
369 402	Unrecoverable Volume Centrifuge Losses		9		25 84	3	30	56 50	50 30	136 50	50	-	60 5	- 26	29 50	14 15						
402	Centriluge Losses		9		04	3	30	50	30	50	50		3	20	50	15						
2,410	Total Losses	221	442	120	181	38	183	317	111	186	297	5	85	94	105	29	-	-	-	-	-	-
-	Mud Transferred Out																					
3,821	Ending System Volume	3,279	3,394	3,299	3,673	3,714	3,694	3,634	3,693	3,757	3,677	3,718	3,705	3,851	3,837	3,821	3,821	3,821	3,821	3,821	3,821	3,821
-	Mud Recovered																					
				C	omment	s.					C	omment	s.						omment	٠.		
					OIIIII CIIC	··						omment.	·-						Ommone			
		1/30/21	Skid over to 6,643'M	from the A-	1H, drilled	out at 16:30	Ohrs. Drille	ed ahead	2/6/21	Drilled to 1	5142' POC	OH to chan	ge out BHA	A .		2/13/21	POOH lay	down BHA				
3,515		1/31/21		to Evap 46. and Seepa		t 9bbls, Pits	s 10bbls Cu	uttings	17///71	Pick up ne resume dr		H, circulate	kill mud. R	each bottor	m and	2/14/21						
	1	2/1/21	Running c	asing at 958	32'MD.									s every 15r while rotatir		2/15/21						
		2/2/21	interface a	ne 10.75" ca and 14bbls s s to seepag	spacer. Lo	ss to cent o	utting MW	84bbls	bbls 2/9/21 Drilled to 15696'. Start POOH. Spot 11600is of 16ppg C							2/16/21						
		2/3/21	Drilling cu	rve setion a	t 10,775'M	D with 8.7p	pg MW.				and Ream Cut MW o			m. Tight Hol	le	2/17/21						
		2/4/21		ead on late ' 10bbls (LC				g sweeps	2/11/21	sweeps (1		ry 300'. Do	own link as	Pump Low\ needed to		2/18/21						
		2/5/21	Drilling ah	ead. Perfor	m Wiper tri	p 10 stand	s. Back to	bottom	2/12/21	Drilled to 1	7896'. 50/5	50 (chalk-A	sh) Called	it TD. Circ	ulate	2/19/21						

110 Old Market St. St Martinville, LA 70582

16.4° 1,529' TVD

	IOLIA C	IL & G	AS		TTERSO	ON		HINGTO	N		r Start Date	I	24 hr fto			1	Pepth 17,89	6 ft	1
Well Name and No.	ABINE	В 2-Н		Rig Name a	nd No. 248		State T	EXAS		Spud Da	_{ite})1/14/21	1	Current	ROP		ctivity Run	Pro	d. C	;sg
Report for	VED/ III	4	21221	Report for			Field / OSC-G			Fluid Typ		C	Circulat	ting Rate	Ci	irculati	ng Pres	sure	
JAMES D					ool Pusi	ner		DDIGNS			ОВМ								
NA			Y SPECI	l		LITLID		OLUME (B			PUMP #1			PUMP #2			ER BC	0081	IER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits) bbl	Liner			Liner			iner			
8.6-12	5-20	7-13	>400	±250K	<10 <15	<8	In Hole		bbl	Strol		12	Stro			Stro			
T: 0 1		JD PROP	EKIIES	0.00	1	40.00	Active) bbl	bbl/s)625	bbl/		025	bbl/s			
Time Sample				3:00		13:30	Storag		2 bbl	stk/n			stk/ı			stk/n			
Sample Locati				suction		suction		cation 381		gal/n			gal/ı			gal/r		, ,	
Flowline Temp	erature °l	-						: 10.2 PV		YP=				N DATA			.628		
Depth (ft)				17,896'		17,896'	Bit	Depth = 1,				nout = ´		F	Pump E			95%	<u> </u>
Mud Weight (p				10.2		10.2	Drill String Disp.					rokes T	o Bit				o Bit		
Funnel Vis (se	c/qt)		@ 45 °F	61		60	-	Bottoms U	p Vol.	33.5	bbl Bott	omsUp	Stks		Bottom	sUp ⁻	Time		
600 rpm				34		36	10.1 bbl	TotalCi				otalCirc.	Stks		Total (
300 rpm				22		23		DRILLIN							OLIDS				
200 rpm				16		17		OD (in.)		(in.)	Length	To	р	Unit		Scre		Ho	urs
100 rpm				12		13	Casing	5.000	4.2	278	1,548'			Shaker	1	17	0		
6 rpm				6		6	Casing					1,54	18'	Shaker	2	17	0		
3 rpm				4		5						1,54	18'	Shaker	3	17	0		
Plastic Viscos	ty (cp)		@ 150 °F	12		13						1,54	18'	NOV Drying Sh	nakers	14	0		
Yield Point (lb.	100 ft²)		T0 = 2	10		10		CASIN	IG & I	HOLE	DATA								
Gel Strength (b/100 ft ²)	10 se	ec / 10 min	6/12		6/10	Casing	OD (in.)	ID	(in.)	Depth	To	р	Centrifug		NO			
Gel Strength (b/100 ft2))	30 min	16		13	Riser						_	VOLUM				`	
HTHP Filtrate	(cm/30 m	in)	@ 250 °F	6.0		6.0	Surface	10 3/4			2,893'			Prev. T	otal on	Loca	ation	38	321.3
HTHP Cake T	nickness	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.8	375	10,294'			Transfe	rred In((+)/O	ut(-)		
Retort Solids (Content			15%		15%	Washout 1								Oil A	dded	(+)		
Corrected Sol	ds (vol%)			13.3%		13.3%	Washout 2							E	Barite A	dded	(+) b		
Retort Oil Con	tent			64%		64%	Oper	n Hole Size	6.8	318	17,896'			Other Pro	oduct U	Isage	e (+)		
Retort Water (Content			21%		21%	AN	NULAR GI	OME	TRY &	RHEOL	OGY		V	Vater A	dded	(+) b		
O/W Ratio				75:25		75:25	annula	i de	pth	velo	,			Lef	t on Cu	utting	ıs (-)		
Whole Mud Cl	nlorides (r	ng/L)		44,000		44,000	sectio	n		ft/m	in reg	lb/g	al	E	vap/ P	its/ C	Cent		
Water Phase	Salinity (p	pm)		247,300		247,300								Non-Reco	overabl	e Vo	l. (-)		
Whole Mud Al	kalinity, P	om		2.0		1.9	6.875x	(5 1,5	548'		lam	10.2	20	Est. T	otal on	Loca	ation _	38	321.3
Excess Lime (lb/bbl)			2.6 ppb		2.5 ppb								Est. Loss	ses/Gai	ns (-)/(+)		-4.5
Electrical Stab	ility (volts)		521 v		535 v								BIT	HYDRA	ULI	CS DA	ATA	
Average Spec	ific Gravit	y of Solids	S	3.07		3.07								Bit H.S.I.	Bit Δ	Р	Nozzle	es (32	2nds)
Percent Low 0	Fravity So	lids		7.8%		7.9%								#DIV/0!	#DIV/	0!			
ppb Low Grav	ty Solids			64 ppb		65 ppb								Bit Impact	Nozz Veloc				
Percent Barite				5.5%		5.4%								Force	(ft/se	-			
ppb Barite				78 ppb		78 ppb	BIT I	DATA	Ма	nuf./Ty	pe	CF 613	i	#DIV/0!					
Estimated Tot	al LCM in	System					Size	Depth In	Но	ours	Footage	ROP	ft/hr	Motor/M\	ND C	Calc.	Circ.	Pres	sure
Sample Taker	Ву			A. ROMAN		M WashburN	6 3/4		L								#DIV	/0!	
Afternoon Rem	arks/Recor	mmendatio	ns:				test	up casing shoe track	, pick	c up 5"	18# P11	0 prod	luctic	on shoe tra on casing. e and OBM	Casing	g run	dept		

Report #18 TEL: (337) 394-1078

9,411' TVD

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

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0.8°

MAGI Well Name and No.	NOLIA (OIL &	GAS	Contractor PA Rig Name ar	TTERSO	ON	County / Parish / WASH	HINGTO	N	Engineer S 01 Spud Date	tart Date	I	hr ftg. O	ft		Drilled Do	-)6 ft	i .
	ABINE	R 2-F	4	Rig Name ar	248			EXAS		l -	1/14/21			t/hr		Run	Pro	d C	ne:
Report for			•	Report for			Field / OCS-G #			Fluid Type	.,,.		culating Ra	-		Circulatin			, og.
JAMES D	YER/JI	М НА	RRISON	То	ol Pusi	ner	GID	DIGNS			ОВМ		205	gpm	1	5	62	psi	
	MUD	PROPI	ERTY SPECII	ICATION	s		MUD VO	LUME (BE	BL)	Р	UMP #1		PUN	/IP #2		RISE	R BC	ост	ſΕR
Weight	PV	ΥP	E.S.	CaCl2	GELS	HTHP	In Pits	72	6 bbl	Liner Si	ize 4	1.75 L	iner Size	4.	75	Liner S	Size		
8.6-12	5-20	7-13	>400	±250K	<10 <15	<8	In Hole	74	4 bbl	Stroke)	12	Stroke	1	2	Strok	e		
			'	2/14/21		2/13/21	Active	109	9 bbl	bbl/stl	k 0.	0625	bbl/stk	0.0	625	bbl/s	tk	0.00	000
Time Sample	Taken			3:00		13:30	Storage	233	89 bbl	stk/mi	n	0	stk/min	7	78	stk/m	iin		
Sample Locati	on			suction		suction	Tot. on Loc	cation 380	9 bbl	gal/mi	n	0	gal/min	20	05	gal/m	iin	C)
Flowline Temp	erature °F			85 °F				PHHP = 67	7	I.	CIRCU	LATION	DATA			n = 0.0	670	ζ = 17	′2.089
Depth (ft)				17,896'		17,896'	Bit [Depth = 9,	700 '		Was	hout = 19	%		Pump	Efficie	ncy =	95%	D
Mud Weight (p	pg)			10.3		10.2	Drill String	Volume	e to Bit	172.4 b	obl S	trokes To	Bit 2,	761	-	Time To	Bit	35 r	min
Funnel Vis (se	c/qt)		@ 35 °F	72		60	Disp.	Bottoms U	Jp Vol.	201.0 k	obl Bot	tomsUp S	tks 3,2	218	Bottor	nsUp T	īme	41 r	min
600 rpm				35		36	71.9 bbl	TotalCi	rc.Vol.	1099.5	bbl T	otalCirc.S	tks 17,	,602	Total	Circ. T	ime	226	min
300 rpm				22		23		DRILLIN	G ASS	SEMBLY	DATA			s	OLIDS	CON	TRO	L	
200 rpm				15		17	Tubulars	OD (in.)	ID	(in.)	Length	Тор		Unit		Scree	ens	Hou	urs
100 rpm				10		13	Casing	5.500	4.	278	1,718'	0'	S	Shaker	1	170)	18	3.0
6 rpm				6		6	Casing	5.000	4.	278	7,982'	1,718	3' S	Shaker	2	170)	18	3.0
3 rpm				5		5						9,700)' S	Shaker	. 3	170)	18	3.0
Plastic Viscosi	ity (cp)		@ 150 °F	13		13						9,700)' NOV [Orying S	hakers	140)	18	3.0
Yield Point (lb/	/100 ft²)		T0 = 4	9		10		CASI	NG & F	HOLE DA	ATA								
Gel Strength (l	lb/100 ft²)	,	10 sec/10 min	6/11		6/10	Casing	OD (in.)	ID	(in.)	Depth	Тор	Ce	ntrifug	ge 1	NO	V		
Gel Strength (l	lb/100 ft ²)		30 min	15		13	Riser						V	OLUN	IE AC	COUN	TING	(bbl	is)
HTHP Filtrate	(cm/30 mi	n)	@ 250 °F	6.0		6.0	Surface	10 3/4			2,893'	0'	P	rev. T	otal or	n Loca	tion	38	321.3
HTHP Cake T	hickness (32nds)	ı	2.0		2.0	Int. Csg.	7 5/8	6.	875	10,294'	0'	Т	ransfe	erred Ir	า(+)/Oเ	ut(-)		
Retort Solids (Content			15.5%		15%	Washout 1								Oil	Added	(+)		8.3
Corrected Soli	ds (vol%)			13.8%		13.3%	Washout 2							1	Barite	Added	(+)		14.6
Retort Oil Con	tent			64%		64%	Open	Hole Size	6.	818	17,896'		Ot	her Pr	roduct	Usage	(+)		0.0
Retort Water 0	Content			20.5%		21%	ANI	NULAR GE	EOME	TRY & R	HEOLO	GY		١	Water	Added	(+)		
O/W Ratio				76:24		75:25	annular	r me	eas.	veloci	ty flow	/ ECD	,	Le	ft on C	Cuttings	s (-)		0.0
Whole Mud Ch	nlorides (m	ng/L)		43,000		44,000	section	de	epth	ft/mir	reg	lb/ga	ı	E	Evap/ I	Pits/ C	ent	-	-35.2
Water Phase S	Salinity (pp	om)		247,507		247,300							No	n-Rec	coveral	ole Vol	. (-)		
Whole Mud All	kalinity, Po	om		1.5		1.9	6.875x5.	.5 1,	718'	294.8	3 turk	11.67	7	Est. T	otal o	n Loca	tion	38	309.0
Excess Lime (lb/bbl)			2 ppb		2.5 ppb	6.875x5	5 9,	700'	225.3	3 lam	11.10	Es	t. Los	ses/Ga	ains (-)	/(+)		0.0
Electrical Stab	ility (volts)			515 v		535 v								BIT	HYDR	AULIC	S D	ATA	
Average Spec	ific Gravity	of Sol	ids	3.12		3.07							Bit I	H.S.I.	Bit .	ΔΡ Ι	Nozzle	es (32	2nds)
Percent Low G	Gravity Sol	ids		7.7%		7.9%													
ppb Low Gravi	ity Solids			63 ppb		65 ppb							Bit Ir	npact	Noz Velo				
Percent Barite				6.1%		5.4%							Fo	rce	(ft/s				
ppb Barite				87 ppb		78 ppb	BIT D	ATA	Ma	anuf./Typ	е								
Estimated Total	al LCM in	System	n ppb				Size	Depth In	Н	ours	Footage	ROP ft	/hr Mc	otor/M	WD	Calc.	Circ.	Pres	sure
				A. ROMAN	0	M WashburN	6 3/4		1	1			1						

Remarks/Recommendations:

OBM RECEIVED: 3515bbls Rec. 206bbls/ 16.0ppg

OBM ON SURFACE__ 3158bbls (Storage + Active)

OBM LOSS__Daily (-0bbl)__Total (-155bbl)

MWD Temp: --- Deg.

Rig Activity:

In the past 24hrs: POOH and lay down directional BHA. Well in static conditions. Shut well in; perform rig service and clean up rig floor in preparation to Casing running tools. Pick up and Rig up Casing running tools; make up shoe track and tow sleeve, test free flow through. Continue Running 5" / 18# / P110 casing 7979'. Make up Cross over to 5.5" / 23# / P110. continue with 5.5" casing. Circulate B/U at 9234', monitor MW and 11ppg heaviest observed. Strip in the hole with casing from this point down. Monitor Casing presure and open the choke accordingly. At the time of report: Continue Running production casing in the hole passing 9900'. Proper displacement and fill, no losses noted at this time.

Е	ng. 1:	Mil	ke Wa	ashbı	ırn	Er	ng. 2:	Adolf	o Roman	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Р	none:	36	61-94	5-577	77	Pł	none:	956-8	321-9994	Phone:	432-686-736	S1 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		ver, no represen	in, has been prepared ntation is made as to the	\$4,470.36	\$137,945.64
												INCLU	DING 3RD P	ARTY CHARGES	\$5,119.25	\$277,436.55

9 02/14/21	Operator MAG	NOLIA OIL		Well Name a	ind No. ABINE B 2 :	-H	Rig Name ar	d No. 48	Report No. Repo	rt #18
	DAILY	USAGE 8	& COST	•					CUMUI	LATIVE
	1		Previous		Closing	Daily			Cum	
Item	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost		Usage	Cum Cost
PP (50)	50# sk	\$44.56	10		10				30	\$1,336.80
PA LIQUID (pail)	5 gal	\$41.36			60					
O-LUBE	gal	\$14.00	400		400 70				150	\$2,100.00
N GEL (PREMIUM) JMINUM TRISTEARATE	25# sk	\$162.83	70 19		19					
ININOW INSTEARATE	20# SR	\$102.03	19		19					
CL2 (50)	50# sk	\$14.32	336		336				651	\$9,322.32
E (50)	50# sk	\$5.00	200		200				506	\$2,530.00
TI - G	50# sk	\$30.59	160		160				240	\$7,341.60
NTONE 38 (50)	50# sk	\$163.94								
NTONE 910 (50)	50# sk	\$59.40	50		50				27	\$1,603.80
NTONE 990 (50)	50# sk	\$83.59	15		15				77	\$6,436.43
TI - MUL TI - WET	gal	\$10.75	440		440				385 275	- '
W PHALT	gal 50# sk	\$8.34 \$38.72	495 160		495 160				180	· '
SORB (25)	25# sk	\$4.75	100		100				40	\$190.00
NTONE 42 (50)	50# sk	\$327.26	37		37					\$14,072.18
O- de LIBORO		** -	-						-	***
vCarb UltiMix	50# sk	\$6.35	20		20		1		60	\$381.00
N CARB (M) BERSEAL	50# sk	\$5.25 \$21.47	82		82				65	\$341.25
GMAFIBER F (25)	25# sk 25# sk	\$21.47	115		115				63	\$1,767.15
GMAFIBER R (30)	30# sk	\$28.05	113		113				03	\$1,707.13
RISEAL	50# sk	\$26.50	20		20					
ER PLUG	30# sk	\$30.37			20					
T PLUG M (50)	50# sk	\$12.04	55		55					
TTON SEED HULLS (50)	50# sk	\$12.23	156		156					
APHITE - FINE (50)	50# sk	\$24.14	52		52				17	\$410.38
LYBEADS FINE (50)	50# sk	\$311.38								
LYBEADS FINE (50)	50# sk	\$160.00	80		80				80	\$12,800.00
N WATE (SACK BARITE)	100# sk	\$11.50	180		180					
RITE BULK (100)	100# sk	\$7.00	1400	410	1600	210	\$1,472.80		2399	\$16,795.80
TI DRILL (OBM)	bbl	\$65.00	3084		3084					
COUNTED OBM	bbl	\$10.00	79		79					
gnolia Owned OBM	bbl		162		162				333	
gnolia Owned LGS	bbl		352		352					
CINEEDING (24 HP)	cast	#00F 00				^	¢4 050 00		0.1	¢24 450 00
GINEERING (24 HR)	each	\$925.00				2	\$1,850.00			\$31,450.00
GINEERING (DIEM) GINEERING (MILES)	bbl	\$30.00 \$1.00				2	\$60.00		1049	\$1,020.00 \$1,049.00
SINCEINING (WILES)	each	\$1.00					1		1049	φ1,049.00
		1								
JCKING (cwt)	each	\$2.65				410	\$1,087.56		3660	\$9,700.09
JCKING (min)	each	\$650.00				410	ψ1,001.00		4	\$2,600.00
LETS (ea)	each	\$12.00							55	\$660.00
RINK WRAP (ea)	each	\$12.00							53	\$636.00
	•									
		Daily S	ub-Total \$4	1,470.36	Cumulati	ve Total \$1	37,945.64		\$137,9	945.65
		Daily S	ub-Total \$4	1,470.36	Cumulati	ve Total \$1	37,945.64		\$137	7,9

Date	Operator			Well Name a	nd No.		Rig Name an	d No.	Report No.	
02/14/21	MAGI	NOLIA OIL	& GAS	S	ABINE B 2	-H	24	48	Repo	rt #18
	DAILY	USAGE 8	& COST				l		CUMUI	LATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
TURBO CHEM / FIRST RESPONSE	25# sk	\$41.75	250		250				90	\$3,757.50
TURBO CHEM SYNSEAL	25# sk	\$85.00	100		100			•		
TRUBO CHEM PALLETS & SHRINK WRAP	each	\$40.00						-	8	\$320.00
POLYBEADS FINE (50)	50# sk	\$95.00	200		200			-		
								•		
OBM_D Skid Vol	gal	\$1.74						•	19278	\$33,543.72
OBM_D 1/29/21	gal	\$1.75						•	7000	\$12,250.00
Diesel 1/30/21	gal	\$1.74						•		\$6,090.00
OBM_D 1/30/21 (2)	gal	\$1.74						•	7003	\$12,185.22
OBM_D 1/30/21 (3)	gal	\$1.74						•	7001	\$12,181.74
OBM_D 1/31/21	gal	\$1.74						•	7000	\$12,180.00
OBM_D 2/1/21	gal	\$1.75						•	7000	\$12,250.00
Diesel Delivery 2/3/21	gal	\$1.82						•	7207	\$13,116.74
Diesel Delivery 2/5/21	gal	\$1.82						•	7205	\$13,113.10
Diesel Delivery 2/8/21	gal	\$1.87	3000		2653	347	\$648.89	•	4547	\$8,502.89
Diesel Delivery 2/10/21	gal	\$1.91	7000		7000			•		
Diesel Delivery 2/12/21	gal	\$1.89		6999	6999			•		
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					Daily S	Sub-Total \$	648.89		\$139,4	490.91
	_									
	Cumi	ulative Tota	I AES & 3rd	Party \$277	.436.56					
	24			, V 2.11	,					
Ī										

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: SAB

SABINE B 2-H

					WEEK 1							WEEK 2							WEEK 3			
	Date	1/30/21	1/31/21	2/1/21	2/2/21	2/3/21	2/4/21	2/5/21	2/6/21	2/7/21	2/8/21	2/9/21	2/10/21	2/11/21	2/12/21	2/13/21	2/14/21	2/15/21	2/16/21	2/17/21	2/18/21	2/19/21
		Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Bit Size	9 7/8	9 7/8	9 7/8	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	6 3/4	6 3/4					
Grand	Starting Depth	2,894	6,643	10,303	10,315	10,315	10,775	13,613	14,961	15,142	15,142	15,686	15,696	15,812	17,330	17,896	17,896	17,896				
Totals	Ending Depth	6,643	10,303	10,315	10,315	10,775	13,613	14,961	15,142	15,142	15,686	15,696	15,812	17,330	17,896	17,896	17,896					
	Footage Drilled	3.749	3,660	12	-	460	2,838	1,348	181	-	544	10	116	1,518	566	-	-	-	-	-	-	-
•	New Hole Vol.	356	347	1	-	20	126	60	8	-	24	0	5	67	25	_	_	_	_	-	_	_
1,000	Starting System Volume	2,942	3,279	3,394	3,299	3,673	3,714	3,694	3,634	3,693	3,757	3,677	3,718	3,705	3,851	3,837	3,821	3,809	3,809	3,809	3,809	3,809
154	Chemical Additions	28		-,	-,	17	13	18	3	-	23	-	1	13	18	-	-	-,	-,	-,	-,	,,,,,,,
	Base Fluid Added	469	438	18	189	23	90	139	58	24	103	22	71	141	42	12	8					
	Barite Increase			7			-	-	69	-	41	14	-	10	11	-	15					
573	Weighted Mud Added				367		-	-	-	206	-	-	-	-	-	-	-					
-	Slurry Added						-	-	-		-	-	-	-	-	-	-					
555	Water Added	60	81			39	60	100	40	20	50	10	-	75	20	-	-					
18	Added for Washout		18				-	-	-	-	-	-	-	-	-	-	-					
3,312	Total Additions	557	557	25	556	79	163	258	170	250	217	46	72	240	91	12	23	-	-	-	-	-
456	Surface Losses	8	56	40		13	25	150	23	-	122	4	15	-		-	-					
338	Formation Loss		87	80	72		-	-	-	-	100	-	-	-	-	-	-					
846	Mud Loss to Cuttings	213	290			22	128	61	8		25	1	5	69	26	-	-					
404	Unrecoverable Volume				25		-	56	50	136		-	60	-	29	14	35					
402	Centrifuge Losses		9		84	3	30	50	30	50	50	-	5	26	50	15	-					
2,446	Total Losses	221	442	120	181	38	183	317	111	186	297	5	85	94	105	29	35	-	-	-	-	-
-	Mud Transferred Out																					
3,809	Ending System Volume	3,279	3,394	3,299	3,673	3,714	3,694	3,634	3,693	3,757	3,677	3,718	3,705	3,851	3,837	3,821	3,809	3,809	3,809	3,809	3,809	3,809
		3,273	3,334	3,233	3,073	3,714	3,034	3,034	3,033	3,737	3,011	3,710	3,703	3,031	3,037	3,021	3,003	3,003	3,003	3,003	3,003	3,003
	Mud Recovered																					
				С	omment	s:					С	omment	s <i>:</i>					C	omment	s <i>:</i>		
		1/30/21	Skid over to 6,643'M	from the A- ID	1H, drilled	out at 16:3	Ohrs. Drille	ed ahead	2/6/21	Drilled to 1	5142' PO(OH to chan	ge out BHA	Α.		2/13/21	POOH lay	down BHA	۸.			
3,515		1/31/21		to Evap 46 and Seepa		t 9bbls, Pits	s 10bbls Ci	uttings		Pick up ne resume dri		l, circulate	kill mud. R	each bottor	m and				Casing, circ on returns.			
	-	2/1/21 Running casing at 9582'MD. 2/8/21 Drilling ahead, Pump 10bbls Polymer Beads every 15m sliding, Seepage noted, start LCM sweeps while rotating.										2/15/21										
	Cement the 10.75" casing with full returns, dumped 25bbls interface and 14bbls spacer. Loss to cent cutting MW 84bbls and 72bbls to seepage running casing and circulaing the hole. 2/9/21 Drilled to 15696'. Start POOH. Spot 116bbls of 16ppg 011,500'. Lay down ProDirectional and pick up Schlumber										2/16/21											
		2/3/21	Drilling cu	rve setion a	at 10,775'M	D with 8.7p	pg MW.				and Ream Cut MW o			m. Tight Ho	le	2/17/21						
		2/4/21		ead on late	ral section.			g sweeps	2/11/21		Obbls) eve	ry 300'. Do		Pump Low needed to		2/18/21						
			,		, ,		,			direction. I	ИW 10ppg	with 53Vis.	•									

OUTSOURCE FLUID SOLUTIONS LLC.

110 Old Market St

St Martinville, LA 70582

94.6° 10,442' TVD

MAGNOLIA OIL & GAS PATTERSON WASHINGTON 01/14/21 17.896 ft Current ROP **SABINE B 2-H TEXAS** 01/14/21 Run Prod. Csg. 248 ield / OSC-G # Fluid Type Circulating Rate JAMES DYER/JIM HARRISON **Tool Pusher GIDDIGNS** OBM **MUD PROPERTY SPECIFICATIONS** MUD VOLUME (BBL) PUMP #1 PUMP #2 RISER BOOSTER P\/ ΥP E.S. CaCl2 **GELS** In Pits 4.75 Weight HTHP 726 bbl Liner Size 4.75 Liner Size Liner Size 8.6-12 5-20 7-13 >400 ±250K <10 <15 <8 In Hole 666 bbl Stroke 12 Stroke 12 Stroke **MUD PROPERTIES** 1325 bbl 0.0625 0.0625 bbl/stk bbl/stk bbl/stk Active 3:00 13:00 Time Sample Taken 2339 bbl Storage stk/min stk/min stk/min Tot on Location 3731 bbl Sample Location suction suction gal/min gal/min gal/min 85 °F Flowline Temperature °F Mud Wt. = 10.3PV=13 YP=9 **CIRCULATION DATA** n = 0.670 K = 172.1 Depth (ft) 17.896 17.896 Bit Depth = 16.400 Pump Efficiency = 95% Washout = 1% Mud Weight (ppg) 10.3 10.2 Volume to Bit 291.6 bbl Strokes To Bit Time To Bit Drill String @ 55 °F 72 65 Bottoms Up Vol. 307.2 bbl Funnel Vis (sec/qt) BottomsUp Stks BottomsUp Time 600 rpm 35 38 149.6 bbl TotalCirc.Vol. 1324.7 bbl TotalCirc.Stks Total Circ. Time DRILLING ASSEMBLY DATA SOLIDS CONTROL 300 rpm 22 24 200 rpm 15 17 Tubulars OD (in.) ID (in.) Length Top Unit Screens Hours Casing 100 rpm 10 12 5.500 4.278 8.418' Shaker 1 170 5.000 6 6 4.278 7,982' 8,418 Shaker 2 170 6 rpm Casing 5 5 16,400' Shaker 3 3 rpm 170 @ 150 °F 13 14 16,400 NOV Drying Shakers 140 Plastic Viscosity (cp) 9 10 **CASING & HOLE DATA** Yield Point (lb/100 ft2) T0 = 6/10 OD (in.) NOV Gel Strength (lb/100 ft2) 10 sec / 10 min 6/11 Casing ID (in.) Depth Top Centrifuge 1 **VOLUME ACCOUNTING (bbls)** 30 min 15 13 Gel Strength (lb/100 ft2) Riser HTHP Filtrate (cm/30 min) @ 250 °F 6.0 6.0 Surface 10 3/4 2.893' 3809.1 Prev. Total on Location 2.0 2.0 7 5/8 6.875 10,294 HTHP Cake Thickness (32nds) Int. Csg. Transferred In(+)/Out(-) Retort Solids Content 15.5% 15% Washout 1 Oil Added (+) 13.8% 13.3% Corrected Solids (vol%) Washout 2 Barite Added (+) 64% 64% Retort Oil Content 17.896 Open Hole Size 6.818 Other Product Usage (+) 20.5% 21% **ANNULAR GEOMETRY & RHEOLOGY** Retort Water Content Water Added (+) 76:24 O/W Ratio 75:25 Left on Cuttings (-) ECD annular velocity depth section ft/min reg lb/gal Whole Mud Chlorides (mg/L) 43.000 43.500 Evap/ Pits/ Cent 247,507 245,179 Non-Recoverable Vol. (-) Water Phase Salinity (ppm) 1.5 1.9 6.875x5.5 8,418 10.34 3809.1 Whole Mud Alkalinity, Pom Est. Total on Location lam Excess Lime (lb/bbl) 2 ppb 2.5 ppb 6.875x5 10.294 10.34 Est. Losses/Gains (-)/(+) -77.8 lam 515 v 510 v **BIT HYDRAULICS DATA** 6.818x5 10.34 Electrical Stability (volts) 16,400 lam Nozzles (32nds) 3.12 3.07 Bit H.S.I. Average Specific Gravity of Solids Bit AP Percent Low Gravity Solids 7.7% 7.9% #DIV/0! #DIV/0! ppb Low Gravity Solids 63 ppb 65 ppb Nozzle Bit Impac Velocitv Percent Barite 6.1% 5.5% (ft/sec) ppb Barite **BIT DATA** 87 ppb 78 ppb Manuf./Type #DIV/0! Estimated Total LCM in System Size Depth In Hours ROP ft/hi Motor/MWD Calc. Circ. Pressure Footage A. ROMAN M WashburN #DIV/0! Sample Taken By 6 3/4 Afternoon Remarks/Recommendations: Afternoon Rig Activity: Run Production casing to 9234' circulate out mud cap, 11.0# heaviest mud observed. Strip in hole to base of curve at 11500', circulate B/U catch 60 bbls bbls heavy kill mud up to 14.0#, lose 65 bbls downhole while circulating. Continue to strip in hole with production casing, run depth at time of report 16400, no downhole mud losses observed since previous event at 11,500.

Report #19 TEL: (337) 394-1078

10,366' TVD

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

99.5°

	NOLIA (OIL &	GAS		TTERSO	ON	_	Block HINGTOI	N		rt Date	24 hr	0 ft			-	96 ft
Well Name and No.	SABINE	B 2-L		Rig Name ar	nd No. 248		State	EXAS		Spud Date	14/21	Curre	ot ROP Oft/hr		Activity	enti	ng Csg.
Report for	ADINE	D Z-1	•	Report for	240		Field / OCS-G #			Fluid Type	17/21	Circul	ating Rate		Circulati		•
JAMES D	YER/JI	м на	RRISON	To	ol Pusi	ner	GID	DIGNS		c	BM		192 gpn	n	1,	,103	psi
	MUD	PROPE	ERTY SPECII	FICATION	S		MUD VO	LUME (BB	BL)	PU	MP #1		PUMP #2		RISE	R B	OOSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	707	7 bbl	Liner Size	e 4.7	5 Line	er Size 4.	.75	Liner	Size	
8.6-12	5-20	7-13	>400	±250K	<10 <15	<8	In Hole	649) bbl	Stroke	12	2 Sti	roke 1	12	Strol	ke	
		1		2/15/21		2/14/21	Active	135	5 bbl	bbl/stk	0.06	25 bb	ol/stk 0.0	0625	bbl/s	stk	0.0000
Time Sample	Taken			3:00		13:00	Storage	<u>291</u>	8 bbl	stk/min	0	stk	/min 7	73	stk/n	nin	
Sample Locati	on			suction		suction	Tot. on Lo	cation 427	4 bbl	gal/min	0	ga	l/min 1	92	gal/n	nin	0
Flowline Temp	erature °F	=		75 °F				PHHP = 12	3	(CIRCUL	ATION DA	ATA	ı	n = 0.	646	K = 208.293
Depth (ft)				17,896'		17,896'	Bit D	Depth = 17,	863 '		Washo	ut = 1%		Pump	Efficie	ncy =	= 95%
Mud Weight (p	opg)			10.3		10.2	Drill String	Volume	to Bit	317.6 bb	ol Stro	kes To Bi	t 5,084	-	Time T	o Bit	70 min
Funnel Vis (se	ec/qt)		@ 55 °F	66		65	Disp.	Bottoms U	p Vol.	330.2 bb	ol Botto	nsUp Stks	5,287	Bottor	nsUp 7	Гime	72 min
600 rpm				36		38	166.6 bbl	TotalCii	rc.Vol.	1354.8 bl	bl Tot	alCirc.Stks	21,689	Total	I Circ. 7	Γime	297 min
300 rpm				23		24		DRILLING	G ASS	SEMBLY D	DATA		S	OLIDS	CON	ITRO	L
200 rpm				16		17	Tubulars	OD (in.)	ID	(in.) L	ength.	Тор	Unit		Scree	ens	Hours
100 rpm				10		12	Casing	5.500	4.	278 9	9,881'	0'	Shake	r 1	170	0	24.0
6 rpm				6		6	Casing	5.000	4.	278	7,982'	9,881'	Shake	r 2	170	0	24.0
3 rpm				5		5						17,863'	Shake	r 3	170	0	24.0
Plastic Viscosi	ity (cp)		@ 150 °F	13		14						17,863'	NOV Drying S	Shakers	140	0	24.0
Yield Point (lb/	/100 ft²)		T0 = 4	10		10		CASIN	IG & I	HOLE DAT	ГА						
Gel Strength (lb/100 ft²)	1	10 sec/10 min	6/11		6/10	Casing	OD (in.)	ID	(in.) [Depth	Тор	Centrifuç	ge 1	NO	V	
Gel Strength (lb/100 ft ²)		30 min	15		13	Riser						VOLUN	/IE AC	COUN	ITING	6 (bbls)
HTHP Filtrate	(cm/30 m	in)	@ 250 °F	6.0		6.0	Surface	10 3/4		2	2,893'	0'	Prev. 1	Total o	n Loca	ation	3809.1
HTHP Cake T	hickness	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	875 1	0,294'	0'	Transfe	erred Ir	n(+)/O	ut(-)	
Retort Solids (Content			16%		15%								Oil	Added	d (+)	0.0
Corrected Soli	ds (vol%)			14.3%		13.3%								Barite	Added	d (+)	0.0
Retort Oil Con	tent			64%		64%	Oper	n Hole Size	6.	818 1	7,896'		Other P	roduct	Usage	e (+)	0.0
Retort Water (Content			20%		21%	ANI	NULAR GE	ОМЕ	TRY & RH	IEOLOG	Y	,	Water	Added	d (+)	
O/W Ratio				76:24		75:25	annulai	r me	eas.	velocity	flow	ECD	Le	eft on C	Cutting	s (-)	0.0
Whole Mud Ch	nlorides (n	ng/L)		42,000		43,500	section	de de	pth	ft/min	reg	lb/gal					
Water Phase	Salinity (p	pm)		247,723		245,179							Rcc	overed	F/Cen	nent	465.2
Whole Mud Al	kalinity, P	om		1.3		1.9	6.875x5	.5 9,8	381'	275.9	turb	11.40	Est. 7	Total o	n Loca	ation _	4274.3
Excess Lime (lb/bbl)			1.7 ppb		2.5 ppb	6.875x5	5 10,	294'	210.8	lam	11.38	Est. Los	ses/G	ains (-))/(+)	0.0
Electrical Stab	ility (volts)		505 v		510 v	6.818x5	5 17,	863'	218.5	lam	11.84	BIT	HYDR	AULIC	CS D	ATA
Average Spec	ific Gravit	y of Sol	ids	3.05		3.07							Bit H.S.I.	Bit	ΔΡ	Nozzl	es (32nds)
Percent Low G	Gravity So	lids		8.6%		7.9%											
ppb Low Grav	ity Solids			71 ppb		65 ppb							Bit Impact	Noz Velo			
Percent Barite	1			5.7%		5.5%							Force	(ft/s			
ppb Barite				82 ppb		78 ppb	BIT D	ATA	Ma	anuf./Type							
Estimated Total	al LCM in	System	n ppb				Size	Depth In	Н	ours Fo	ootage	ROP ft/hr	Motor/M	WD	Calc.	Circ.	Pressure
Sample Taker	в Ву			A. ROMAN	0	M WashburN	6 3/4										
							1										

Remarks/Recommendations:

OBM RECEIVED: 3515bbls Rec. 206bbls/ 16.0ppg

OBM ON SURFACE__ 3158bbls (Storage + Active)

OBM LOSS__Daily (-0bbl)__Total (-155bbl)

MWD Temp: --- Deg.

Rig Activity:

In the past 24hrs: Run 5" / 18# / P110 and 5.5" / 23# / P110 production casing to bottom, with no problems. Circulate B/U at 9234' / 11500' and 17,863'. Monitor gas and heavy mud returns. With Casing on bottom, circulate while defrosting cementers water pump and water lines. Extremen weather conditions slowing progress down. Rig up new lines for cement water and start on Cement operations. Monitor returns and transfer OBM to storage as capacity of the active system max out. At the time of report: Continue with cementing operations. Displacing Cement at time of report. Volume accounting not acurate at this time.

Е	ng. 1:	Mil	ke W	ashb	urn	Er	ng. 2:	Adolf	o Roman	WH 1:	MIDLA	ND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Р	none:	36	61-94	5-57	77	Pł	hone:	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	used if the	user so		no representati	nas been prepared on is made as to the	\$1,910.00	\$139,855.64
													INCLUDI	NG 3RD PAR	TY CHARGES	\$1,910.00	\$279,346.55

Date 02/15/21	Operator MAGI	NOLIA OIL		Well Name a	and No. ABINE B 2-	Н	Rig Name an	d No. 48	Report No. Report #19		
	DAILY	USAGE 8	& COST				•		CUMUI	LATIVE	
			Previous		Closing	Daily			Cum		
Item	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost		Usage	Cum Cos	
SAPP (50)	50# sk	\$44.56	10		10				30	\$1,336.80	
PHPA LIQUID (pail)	5 gal	\$41.36			60				450	© 400 00	
EVO-LUBE NEW GEL (PREMIUM)	gal	\$14.00	400 70		400 70				150	\$2,100.00	
ALUMINUM TRISTEARATE	25# sk	\$162.83	19		19						
ALOMINOM TRISTEARATE	25# SK	\$102.03	19		19						
CACL2 (50)	50# sk	\$14.32	336		336				651	\$9,322.32	
LIME (50)	50# sk	\$5.00	200		200				506	\$2,530.00	
OPTI - G	50# sk	\$30.59	160		160				240	\$7,341.60	
BENTONE 38 (50)	50# sk	\$163.94									
BENTONE 910 (50)	50# sk	\$59.40	50		50				27	\$1,603.80	
BENTONE 990 (50)	50# sk	\$83.59	15		15				77	\$6,436.43	
OPTI - MUL	gal	\$10.75	440		440				385	\$4,138.75	
OPTI - WET	gal	\$8.34	495		495				275		
NEW PHALT	50# sk	\$38.72	160		160		<u> </u>		180	<u> </u>	
OIL SORB (25)	25# sk	\$4.75					1		40	\$190.00	
BENTONE 42 (50)	50# sk	\$327.26	37		37				43	\$14,072.18	
							1				
		-					1			a	
NewCarb UltiMix	50# sk	\$6.35	20		20		-		60	\$381.00	
NEW CARB (M)	50# sk	\$5.25	82		82				65	\$341.25	
CYBERSEAL (OS)	25# sk	\$21.47	445		445					₾4 707 4F	
MAGMAFIBER F (25)	25# sk	\$28.05	115		115				63	\$1,767.15	
MAGMAFIBER R (30)	30# sk	\$28.05	20		20						
VARISEAL FIRE DI LIC	50# sk	\$26.50	20		20						
FIBER PLUG NUT PLUG M (50)	30# sk	\$30.37									
	50# sk	\$12.04	55 156		55 156						
COTTON SEED HULLS (50) GRAPHITE - FINE (50)	50# sk 50# sk	\$12.23 \$24.14	52		52				17	\$410.38	
POLYBEADS FINE (50)	50# sk	\$311.38	52		52				- 17	φ410.30	
POLYBEADS FINE (50)	50# sk	\$160.00	80		80				80	\$12,800.00	
TOUTBEADOT INC (30)	30# 3K	ψ100.00	00		00				- 00	\$12,000.00	
NEW WATE (SACK BARITE)	100# sk	\$11.50	180		180						
BARITE BULK (100)	100# sk	\$7.00	1600		1600				2399	\$16,795.80	
		,								, ,,	
							<u> </u>				
OPTI DRILL (OBM)	bbl	\$65.00	3084		3084		ļ				
DIOCOLINEES CO.		.					1				
DISCOUNTED OBM	bbl	\$10.00	79		79		-				
		-					<u> </u>				
Magnolia Owned OBM	bbl		162		162		-		333		
Magnetic Owned LCC		1	0.50		050		1				
Magnolia Owned LGS	bbl		352		352						
		-									
		1			 						
							1				
							1				
	each	\$925.00			1	2	\$1,850.00		36	\$33,300.00	
ENGINEERING (24 HR)		\$30.00				2				\$1,080.00	
	bbl						200.00		1049		
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES)	-	\$1.00			1				.515	, .,	
ENGINEERING (DIEM)	bbl each	\$1.00									
ENGINEERING (DIEM)	-	\$1.00									
ENGINEERING (DIEM)	-	\$1.00									
Engineering (Diem) Engineering (Miles)	-								3660	\$9.700.09	
ENGINEERING (DIEM) ENGINEERING (MILES) TRUCKING (cwt)	each	\$1.00 \$2.65 \$650.00							3660	\$9,700.09 \$2,600.00	
Engineering (Diem) Engineering (Miles)	each	\$2.65								\$9,700.09 \$2,600.00 \$660.00	
ENGINEERING (DIEM) ENGINEERING (MILES) TRUCKING (cwt) TRUCKING (min)	each each	\$2.65 \$650.00							4	\$2,600.00	

Date	Operator			Well Name a	and No.		Rig Name an	d No.	leport No.			
02/15/21	MAGI	NOLIA OIL	& GAS	S	ABINE B 2	-H	24	48	Report #19			
	DAILY	USAGE 8	k COST	l				CUMULATIVE				
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost		
TURBO CHEM / FIRST RESPONSE	25# sk	\$41.75	250		250				90	\$3,757.50		
TURBO CHEM SYNSEAL	25# sk	\$85.00	100		100							
TRUBO CHEM PALLETS & SHRINK WRAP	each	\$40.00							8	\$320.00		
POLYBEADS FINE (50)	50# sk	\$95.00	200		200							
	†											
OBM_D Skid Vol	gal	\$1.74							19278	\$33,543.72		
OBM_D 1/29/21	gal	\$1.75							7000	\$12,250.00		
Diesel 1/30/21	gal	\$1.74							3500	\$6,090.00		
OBM_D 1/30/21 (2)	gal	\$1.74								\$12,185.22		
OBM_D 1/30/21 (3)	gal	\$1.74								\$12,181.74		
OBM_D 1/31/21	gal	\$1.74								\$12,180.00		
OBM_D 2/1/21	gal	\$1.75								\$12,250.00		
Diesel Delivery 2/3/21	gal	\$1.82								\$13,116.74		
Diesel Delivery 2/5/21	gal	\$1.82								\$13,113.10		
Diesel Delivery 2/8/21	gal	\$1.87	2653		2653				4547			
Diesel Delivery 2/10/21	gal	\$1.91	7000		7000					40,002.00		
Diesel Delivery 2/12/21	gal	\$1.89	6999		6999							
Diesei Delivery 2/12/21	yaı	\$1.09	0999		0999			-				
	 											
	<u> </u>							-				
	 											
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									\$139,	490.91		
					<u> </u>			i L				
	Cumu	ulative Total	AES & 3rd	Party \$279	,346.56							
	1					I						

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: SAB

SABINE B 2-H

		WEEK 1							WEEK 2							WEEK 3						
	Date	1/30/21 1/31/21 2/1/21 2/2/21 2/3/21 2/4/21 2/5/21										2/12/21							2/19/21			
		Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Bit Size	9 7/8	9 7/8	9 7/8	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	6 3/4	6 3/4	6 3/4				
Grand	Starting Depth	2,894	6,643	10,303	10,315	10,315	10,775	13,613	14,961	15,142	15,142	15,686	15,696	15,812	17,330	17,896	17,896	17,896	17,896			
Totals	Ending Depth	6,643	10,303	10,315	10,315	10,775	13,613	14,961	15,142	15,142	15,686	15,696	15,812	17,330	17,896	17,896	17,896	17,896	-			
	Footage Drilled	3,749	3,660	12	-	460	2,838	1,348	181	-	544	10	116	1,518	566	-	-	-	-	-	-	-
	New Hole Vol.	356	347	1	-	20	126	60	8	-	24	0	5	67	25	-	-	-	-	-	-	-
1	Starting System Volume	2,942	3,279	3,394	3,299	3,673	3,714	3,694	3,634	3,693	3,757	3,677	3,718	3,705	3,851	3,837	3,821	3,809	4,274	4,274	4,274	4,274
154	Chemical Additions	28	20	ŕ		17	13	18	3	-	23	<u> </u>	1	13	18	-	-	-	,	,	,	
	Base Fluid Added	469	438	18	189	23	90	139	58	24	103	22	71	141	42	12	8	-				
,	Barite Increase			7			-	-	69		41	14		10	11		15	_				
	Weighted Mud Added				367		-	-	-	206			_	-		_	-	465				
1,000	Slurry Added				001		_	_		-	_		_	_		_		-				
	Water Added	60	81			39	60	100	40	20	50	10	-	75	20	-	-	_				
18		00	18			33	-	-	70	-	-	-		-	-			_				
	Total Additions	557	557	25	556	79	163	258	170	250	217	46	72	240	91	12	23	465			_	
3,777					226									240	91		23		-	-	-	-
456		8	56	40		13	25	150	23	-	122	4	15	-		-	-	-				
338	Formation Loss		87	80	72		-	-	-	-	100	-	-	-	-	-	-	-				
846	· ·	213	290			22	128	61	8	-	25	1	5	69	26	-	-	-				
404	Unrecoverable Volume				25		-	56	50	136		-	60	-	29	14	35	-				
402	Centrifuge Losses		9		84	3	30	50	30	50	50	-	5	26	50	15	-	-				
2,446	Total Losses	221	442	120	181	38	183	317	111	186	297	5	85	94	105	29	35	-	-	-	-	-
-	Mud Transferred Out																	-				
4,274	Ending System Volume	3,279	3,394	3,299	3,673	3,714	3,694	3,634	3,693	3,757	3,677	3,718	3,705	3,851	3,837	3,821	3,809	4,274	4,274	4,274	4,274	4,274
-,	Mud Recovered	-, -	.,	-,	-,-	-,	-,	-,	-,	-, -	- , -	-, -	-,	-,	-,	- ,-	-,		,	,	,	
<u> </u>	iwaa Recoverea															Compression						
				С	omment	s <i>:</i>			Comments:							Comments:						
	_	1/30/21 Skid over from the A-1H, drilled out at 16:30hrs. Drilled ahead to 6,643 MD						2/6/21 Drilled to 15142' POOH to change out BHA.							2/13/21 POOH lay down BHA.							
3,980		2/1/21 Running casing at 9582'MD. Cement the 10.75" casing with full returns, dumped 25bbls interface and 14bbls spacer. Loss to cent cutting MW 84bbls and 72bbls to seepage running casing and circulaing the hole.						2/7/21 Pick up new BHA, TIH, circulate kill mud. Reach bottom and resume drilling.							2/14/21 Running Production Casing, circulate BU @9234', 11ppg heaviest mud noted on returns. Continue Running Casing.							
								2/8/21	2/8/21 Drilling ahead, Pump 10bbls Polymer Beads every 15min, while sliding, Seepage noted, start LCM sweeps while rotating,							Finish running casing to bottom, Circulate BU and Cement casing. Cementers lines froze, change lines and resume operations. Displacing cement at time of report.						
								2/9/21	2/9/21 Drilled to 15696'. Start POOH. Spot 116bbls of 16ppg OBM at 11,500'. Lay down ProDirectional and pick up Schlumberger.							t 2/16/21						
								2/10/21	2/10/21 TIH, Wash and Ream from 11330' to bottom. Tight Hole conditions. Cut MW down to 10.+ppg.							2/17/21						
		2/4/21 Drilling ahead on lateral section. MW 8.8ppg, pumiping sweeps every 300' 10bbls (LCM). 400gpm pump rate,						Continue Drilling ahead on lateral section. Pump LowVis / HiVis 2/11/21 sweeps (10bbls) every 300'. Down link as needed to maintain direction. MW 10ppg with 53Vis.							s 2/18/21							
		2/4/21						g sweeps	2/11/21	sweeps (1				needed to	maintain	2/18/21						