FRONT PAGE SUMMARY License No Well Name	Tour Sheet Serial Number 0Y52529_20160410_1C Surface Location	Pason 2016 Prov Loc Type Unique Well Id	Month Day 04 10 DAILY CHECKS OP RIM PR MR 13 HZS Signs Posted if Required PR MR P
31604 ARCRES HZ PARKLAND A5-9-81-16 Diperator RC RESOURCES Operator's AFE 6DRL0034 Signature of Operator Representative	05-09-081-16W6 Contractor PRECISION DRILLING, DIV OF PDCLP Contractor's Job No 82 Signature of Contractor's Rig Manager	BC	Re_Entry (s) Blare Lines Staked (s) Blop Drills Performed 7) Visually Inspected BOPs - Flare Lines & Degasser Lines 11 Rig Site Health & Safety Meeting (one/crew/month) 2) CADOD Rig Safety Inspection Checklist (one/ing/month) 3 Mast Inspection before Raising or Lowering MR
CODE	MARC RAYMOND	13 14 15 16 17 18 Wait On Nipple Up Test Drillstem Plug Squeeze Back Cement Plug Cement Ce	19 20 21 22 23 24 25 Fishing Dir Safety Tear Walting Rig Other TOTAL Fishing Work Meeting Down On Watch Other TOTAL Fishing Other Total Other
7 Tour 1 0.75 Tour 2 3.75 4.50 Tour 3 1.75 0.50 0.50 0 Total 4.50 6.25 0.50 0.50 0.50	25 25		0.25 7.00 8.00
TOUR 1 SIGNATURE OF DRILLER	JASON GILE:		START TIME 00:00 END TIME 08:00
Bit Number		DEVIATION SURVEYS	From To Elapsed Code Details of Operations in Sequence & Remarks
Serial No Jets Depth Out (m) Depth In (m)	Fluid Loss pH Location of Sample Depth PVT	SOLIDS CONTROL Equipment Hours Intake Over Flow Under Flow Name Run Density Density Density	
Total prilled (m)	CIRCULATION Pump# Type Liner Size SPM Pressure Noors Ru 1 127 0 0 (MUD MATERIALS ADDED Product Amount Type	
TO	Remarks:		Remarks: FUNCTION TRAVEL STOPS/LIMITS & CROWN SAVER INSPECT TOP DRIVE/ ELEVATORS/ BALES/ ALL OVERHEAD EQUIPMENT-INSPECT NOV ST-80 & ALL DRILL FLOOR EQUIPMENT
From To D-R-C RPM WOB Hole Drag Up Down Torque at Bottom Fill on Bottom	Pump No. Pressure Strokes/min Depth @ @ @ @ @ @	Boiler Boiler # Hours Run pH Stack Temp 396 0 11 300	INSPECT ESCAPE BUGGY/ MONKEYBOARD SRL SAFETY Safety Topic MEHL MACP
TOUR 2 SIGNATURE OF DRILLER SITS DRILLING ASSEMBLY	MUD RECORD	DEVIATION SURVEYS	START TIME 08:00 END TIME 20:00
No Component OD ID	Mud Type Water X Oil Other	Time Depth Deviation Direction Type	From To Elapsed Code Details of Operations in Sequence & Remarks
Depth In (m) 0 1 HWDP 114 72 Total Drilled (m) 352 Hrs Run Today 4.50 Cumulative Hrs Run 4.50 Entry Date 2016/04/10	9.38m PVT PVT	Name Run Density Density Density centrifuge 8 1000 1000 1900 MUD MATERIALS ADDED	14:00 18:30 4.50 2 SPUD WELL AND DRILL 279mm HOLE F/0m- 352m
Ti	0.00m 2.54m Remarks:	Product Amount Type SAWDUST 100 EACH TKPP 3 EACH GEL 10 EACH	
METRIES DRILLED	2 REDUCED PUMP SPEED .0.00mm Pump No. Pressure Strokes/min Depth .0.00m	Boiler Boiler # Hours Run pH Stack Temp 11 300	INSPECT TOP DRIVE/ELEVATORS/BALES/ ALL OVERHEAD EQUPIMENT-INSPECT NOV ST-80 & ALL DRILL FLOOR EQUIPMENT INSPECT ESCAPE BUGGY/ MONKEYBOARD SRL OBSERVATION- WORKERS USING EXCELLENT COMMUNICATION DURING RIGGING UP CONDUCTOR BARREL ORGANIZED AND EXPORT SAFETY SAFETY Safety Topic MEHL MACP SKID RIG AND RIG UP TO SPUD 40.00kdaN 0k
TOUR 3 SIGNATURE OF DRILLER	JASON GILE	9	START TIME 20:00 END TIME 24:00
DRILLING ASSEMBLY No Component OD ID ID		DEVIATION SURVEYS Time Depth Deviation Direction Type	TIME LOG
Depth Out (m)	0.90m PVT PVT CIRCULATION Pumpt Type Unior Size SPM Pressure locurs Ru 120MBN 127 125 13150 3 200MBN 140 125 13150 3	Equipment Hours Intake Name Run Density Under Flow Density Density MUD MATERIALS ADDED Product Amount Type	
TI 2 Gage 0 2 Drill Pipe Singles TO 3 ODC BU Kelly Down	88.50m 19.50m 19.	GEL 5 EACH SAWDUST 75 EACH	
From To D-R-C RPM WOB Hole Drag Up 1 Down	REDUCED PUMP SPEED Pump No. Pressure Strokes/min Depth @ @ @	Boiler Boiler Boiler	INSPECT ESCAPE BUGGY/ MONKEYBOARD SRL SAFETY
/1.3	@ @	Boiler # Hours Run pH Stack Temp 396 0 11 300	Safaty Topic MEHI MACD

FRONT PAGE SUMN	IARY	Tour Sheet Serial Number 0Y52529_20160411_1B Surface Location	Vendor Software V Pason	Version Year 2016 2016	Month Day 04 11	DAILY CHECKS 1) Daily Walk Around Inspection 2) Detailed Inspection - Weekly (Using Check List) 3) H2S Signs Posted if Required	OP RM SDK MR SDK MR
31604 ARCRES HZ PARKLAND A5-9-81-16 Operator	Contractor	05-09-081-16W6	Rig No	DLS 100/14-08-081-16W6/0	o Re-Entry	4) Well Licence & Stick Diagram Posted 5) Flare Lines Staked 6) BOP Drills Performed	SDK MR SDK MR SDK MR SDK MR
ARC RESOURCES Operator's AFE 16DRL0034	PRECISION DRILL Contractor's Job N 82	LING, DIV OF PDCLP	529	Spud Date Time 2016/04/10 14:00		7) Visually Inspected BOPs - Flare Lines & Degasser Lir 1) Rig Site Health & Safety Meeting (one/crew/mom 2) CAODC Rig Safety Inspection Checklist (one/rig/r	" — pason 🔰
Signature of Operator Representative Sheldon Kashuba	Signature of Contr MARC RAYMOND	ractor's Rig Manager		Rig Release Date Time	,	Mast Inspection before Raising or Lowering Crown Saver Checked Motor Kills Checked	MR Pason
Rig Drill Reaming Coring Cond Mud Reference Cond Mud Reaming Coring Reaming Reaming	6 7 8 9 Trips Rig Repair Cut	Off Dev Wireline Run Csg	13 14 15 Wait On Nipple Up Tes	st Drillstem Plug Squeeze	19 20 Fishing Di	r Safety Tear Waiting Rig	25 S-98 1615.00 FUEL @ 08:00 HOURS Other TOTAL Rig
Up Actual Nearlining Corning & Circ	1.25 Service Rig Drilg 0.25	Line Survey Logs & Cement 3.75 0.50	4.00 1.50 5	P Test Back Cement 5.00	- 100	rk Meeting Down On Watch 0.75 1.00 0.75	8.00 English 5.00 - 0.0
Tour 3 1.00 1.25	0.75 0.25 2.00 0.50	4.25	4.00 1.50 5	5.00		1.25 0.75 2.00 2.50	4.00 Wind Direction Wind Strength SW UP TO 19 KM/H 24.00 Road Condition GOOD
TOUR 1 SIGNATURE OF DRILLER		JASON GILES				START TIME 00	00 END TIME 08:00
Bit Number DRILLING AS	SSEMBLY MUD F	RECORD Mud Type Water Oil Oil	DEVIATION SUE Time Depth Deviation		From To		of Operations in Sequence & Remarks
Size	279 0 0.34m 204 0 8.81m	Other			00:00 01:1 01:15 01:4		n TO 459m CULATE HOLE CLEAN @ 459m
Manufacturer	100 10 0000	Density nel Viscosity Fluid Loss			01:45 02:3 02:30 02:4 02:45 03:3	45 0.2521 SAFETY MEETING WITH	OUT OF HOLE FROM 459m TO 36m DISCOVERY DIRECTIONAL - REVIEW COP 2-1
Jets 1 Non Mag SLICK 1 JARS-HYD/MEC	165 72 9.13m	pH n of Sample	SOLIDS CONTR	ROL	03:30 04:0	00 0.50 12A REVIEW COP 3-1 - CLEA	N AND PREP FLOOR - RIG UP TO RUN CASING
Depth Out (m) 1 X/O 1 37 x 4.5" HWDP	158 71 0.90m 114 72 346.32m	Depth PVT	Equipment Hours Name Run		04:15 06:0 06:00 06:4	00 1.75 12B MAKE UP SHOE/FLOAT	TRACK - CHECK FLOATS - RUN 219.1mm CASING TO CULATE CASING @ 459m
Total Drilled (m) Hrs Run Today		LATION lype Liner Size SPM Pressure Hours Run			06:45 07:0 07:00 07:1	15 0.2521 SAFETY MEETING WITH	/ MEETING/PLAN FORWARD TRICAN, REVIEW COP 4-1
Cumulative Hrs Run Entry Date CUTTING STRUCTURE 2 Drill Pipe	1 2 Stands 58.50m	127 0 150 0 140 100 150 1	MUD MATERIAL Product		07:15 07:3 07:30 08:0	00 0.50 12C Pumped 4m³ H2O ahead, 2	LL LINES/PRESSURE TEST 2T TSC 1700KG 1% CACL2 2% LCM-2 0.2% AFA-6 (19.91m²). resh H2O. Bump plug 3500 Kpa over FCP, Floats Held.
Ti	Singles 19.50m						urface. Plug down @08:30hrs. 04/11/2016. Annulus
MDC Reason Pulled Total Run (m/hr) Weight of D	al 459.00m C						
BRG Weight of Strin METRES DRILLED HOLE COND	ITION	CED PUMP SPEED			INSPECT TOP		I SAVER IPIMENT-INSPECT NOV ST-80 & ALL DRILL FLOOR EQUIPMENT
From To D-R-C RPM WOB Hole Drag Up [Torque at Bottom Fill on Bottom		Pressure Strokes/min Depth @ @	Boiler			CAPE BUGGY/ MONKEYBOARD SRL P 2-4/5 TRIP OUT/IN HOLE, 2-1 BHA, 3-1 CAS	ING, 4-1 CEMENTING CASING
Pill oil bottoffi		@ @	Boiler # Hours F	Run pH Stack Temp	Trip/BHA/Casi	Safety Topic	MEHL MACP 41.00kdaN 0kPa
TOUR 2 SIGNATURE OF DRILLER		MITCH ARSENAULT				START TIME 08	00 END TIME 20:00
BITS DRILLING AS Bit Number No Component	SSEMBLY MUD F	RECORD Mud Type Water Oil	DEVIATION SUF		From To		of Operations in Sequence & Remarks
Size IADC Code		Other			08:00 08:1	15 0.2521 SAFETY MEETING WITH	
Manufacturer Type	Funi	Density nel Viscosity				Displaced with 14.54m³ Fr 5.0m³ cement returns to si	esh H2O. Bump plug 3500 Kpa over FCP, Floats Held. urface. Plug down @08:30hrs. 04/11/2016. Annulus
Serial No Jets	Locatio	PH pH n of Sample	SOLIDS CONTR		08:45 12:4	static no fall back. 4.00 13 WAIT ON CEMENT, CUT CSG	AND WELD ON BOWL,PRESSURE TEST BOWL TO 7 MPA FOR 10
Depth Out (m) Depth In (m)	25504.6	Depth PVT	Equipment Name Hours		12:45 14:1	1.50 14A REVIEW COP 5-2 AND N	
Total Drilled (m) Hrs Run Today		LATION ype Liner Size SPM Pressure Hours Run			14:30 19:1	VALVES,MANIFOLD VALVES	DS,UPR,LPR,HCR'S AAND MANUAL,KILL LINNE VALVES,CHECK ;UPPER KELLY COCK,STABBING VALVE,INS,BOP,1MPA LOW,21
Cumulative Hrs Run Entry Date CUTTING STRUCTURE Drill Pipe	1 2 Stands	127 0 0 0 140 0 0 0	MUD MATERIAL Product		19:15 19:3		TEST ,1 MPA LOW,10.5MPA HIGH,10 MIN EACH TEST,ACCC FUNCTION AFTER 5 FUNC=10.5MPA. PRECHARGE 7000KPA. TIME TO
Ti	Singles		REDUCTION PREVENTION	5 EAC 1 EAC		RECHARGE =2MIN/ 34 S	
MDC Reason Pulled Total Run (m/hr) Weight of D	al C				19:45 20:0	00 0.25 21 SAFETY MEETING/ CRE	W CHANGE MEETING
Weight of Strin	ITION	CED PUMP SPEED			Remarks:		
From To D-R-C RPM WOB Hole Drag Up Torque at Bottom Fill on Bottom		Pressure Strokes/min Depth	Boiler Boiler # Hours F	Dun All Cheek Terre	SAFETY	7	
THE OT DOCUME		@ @	Boiler # Hours F	Run pH Stack Temp	Nipple Up/Pre	Safety Topic ss.Test	MEHL MACP 18.00kdaN
TOUR 3 SIGNATURE OF DRILLER		JASON GILES				START TIME 20	00 END TIME 24:00
BITS DRILLING AS Bit Number 2 No Component	SSEMBLY MUD F	RECORD Mud Type Water x 0il	DEVIATION SUF Time Depth Deviation		TIME LO		of Operations in Sequence & Remarks
Size 200 1BIT IADC Code 1 MOTOR	200 0 0.30m 170 0 8.70m	Other			20:00 20:1	 	R TO TOOLS/COP 2-1 E UP BIT/MOTOR/MONELS/UBHO/PROGRAM MWD TOOL/JARS
Manufacturer HALIBURTON	165 80 1.68m Funi	Density 1240			21:30 22:1 22:15 22:3 22:30 23:1	30 0.25 21 PRESPUD SAFETY MEET	I-412M. FING/ CAODC CHECKLIST/ERP PLAN SAFETY MEETING / IENT @ 445.5M/TAG FLOAT @445.8M/TAG SHOE @ 458.5M
Jets 7.9 7.9 7.9 1 1 NM FLEX MONE 7.9 7.9 1 1 JARS-HYD/MEC	L 159 72 8.66m	pH n of Sample SHAKERS	SOLIDS CONTR	ROL	23:15 23:3	0.25 21A BOP DRILL/ WELL SECU	
Depth Out (m) 1X/O Depth In (m) 459 137 4.5" HWDP	158 71 0.90m 114 72 346.32m	Depth 470m PVT 80m3	Equipment Hours Name Run	Intake Density Over Flow Density Under Flow Density	23:45 24:0		
Total Drilled (m) 13	Pump# T	LATION ype Liner Size SPM Pressure Hours Run	CENTRIFUGE	1 1250 1220 17	0		
Entry Date 2016/04/11 CUTTING STRUCTURE 3 Drill Pipe		IGLE 127 0 9500 0 IGLE 140 125 9500 1	MUD MATERIAL Product				
Ti	Singles 0.00m						
MDC Reason Pulled Total Run (m/hr) Weight of D	al 472.00m C 0kdaN						
Weight of Strin	ITION	CED PUMP SPEED			INSPECT TOP		I SAVER IPIMENT-INSPECT NOV ST-80 & ALL DRILL FLOOR EQUIPMENT D VALVE ALIGNEMENT-FUNCTION FLARE STACK IGNITER
From To D-R-C RPM WOB Hole Drag Up [459m 472m DRILL 50 8kdaN Torque at Bottom Fill on Bottom		Pressure Strokes/min Depth @ @	Boiler Boiler # Hours F	Run pH Stack Temp		CAPE BUGGY/ MONKEYBOARD SRL	STATE ALIGNEMENT-FORCTION FLARE STACK IGNITER
	0.0011	@ @	Bollet # HOURS F	рп заск тетр	HANDLE BHA	Safety Topic	MEHL MACP 45.00kdaN
V. 1.3							1 of 2

License No We	ell Name	FRON	Γ PAG	E SUM	IMARY	<i>r</i>			0Y5252	Sheet Seria 29_2016041 ce Location	2_1C	Vendo Pason	Software Ve		Unique Wel	2016	Month D 04	12 1	DAILY C) Daily Walk Arc) Detailed Inspe) H2S Signs Pos	und Inspec ction - Wee	tion ekly (Using Ch	eck List)	OP RM SDK MR	(C	AOI	
Operator ARC RESOURCES Operator's AFE 16DRL0034		RKLAND AS	-9-81-16				Contract 82	ION DRILLING tor's Job No	3, DIV OF F			Rig I 529	BC D	DLS Well Type HORIZ Spud Date T 2016/04/10 1	ime 4:00	-081-16W6/00		Entry 6 7) Well Licence 8 i) Flare Lines St i) BOP Drills Per i) Visually Inspect) Rig Site Health c) CAODC Rig Sa i) Mast Inspection	& Stick Diag aked formed ted BOPs - F in & Safety M afety Inspec	ram Posted Flare Lines & D Meeting (one/	egasser Lines crew/month) t (one/rig/mon	SDK MR SDK MR SDK MR SDK MR	pa	sor	5
Signature of Operate Sheldon Kashuba	or Represen	ative 3	4	5	6	7		re of Contract RAYMOND	or's Rig Ma	nager 11	12	13 1		Rig Release	Date Time	18	19	4) Mast Inspection) Crown Saver () Motor Kills Ch	Checked	23	24	MR 25	Kelly	Pason Bushing 5.98	Op Fuel 4125.00
Rig Up Tour 1 Tour 2	Drill Actual 4.25		Coring	Cond Mud & Circ		Rig Service 0.2	Repa Rig	ir Cut Off	Dev		Run Csg & Cement	Wait On Cement BO	e Up Test	Drillsten		Causana	Fishing	Dir Work 3.2	Safety Meeting 0.25	Tear Down	Waiting On	Rig Watch			24625.00 Time 05:0 Current Conditions CLEAR	Boiler 0.00
Total	3.00 15.25					3.2												0.7 4.7	_					4.00 24.00	SW Road Condition GOOD	UP TO 19 KM/H
TOUR 1	SIG	NATURI	OF I	DRILLE	R					JOS	SH GILBERT								STAR	т тім	E	00:00	EN	ID TIME	0	8:00
BITS Bit Number			No	Componer	nt OD	ID Lei	ngth	MUD RE	Mud Type		Oil 🗌	Time Depth	Deviation		Ту	ре	From	$\overline{}$	Elapsed Co					n Sequence &	Remarks	
Size IADC Code Manufacture		200 ON	1 M	T OTOR M FLEX MO	200 170 NEL 165	0 1	3.70m 3.70m		Time Density	02:00 1240	04:00	00:30 492.3m 01:00521.55m 01:15 550.8m	0.8 0.8 0.8	228.2 230.2			00:00 04:15 07:30	04:15 07:30 07:45	4.252 3.2520A 0.257	DIRE	CTIONAL S	URVEYS/ C	472M- 814m ONNECTION	SECONDS TO	CLOSE	
Type Serial No	FX65DRM	1185743	1 G/	AP SUB M FLEX MO	165	80	1.68m 9.10m	Funnel 1	Viscosity luid Loss	31s/l	31s/	01:45 580.05m 02:15 609.3m 02:45 638.55m	0.8 0.8 0.2	225.2 215.2 35.7			07:45	08:00	0.2521	\rightarrow			CHANGE ME			
Jets Depth Out (m	7.9 7	$\overline{}$	1 JA	RS-HYD/M	ECH 166	57	3.66m 5.47m	Location of	pH sample so		SHAKERS	03:00 653m SOLIDS	0.4 CONTIR	12.6 OL												
Depth In (m Total Drilled (m		459	1——	4.5" HWDF	158	-	0.90m 6.32m	CIRCUL	PVT	613m 85m3	684m 82m3	Equipment Name CENTRIFUGE	Hours Run 8	Intake Density 1240	Over Flow Density 1220	Density	0									
Hrs Run Today Cumulative Hrs Rur		4.29						Pump# Type 1 SINGL	Liner Size	-	sure Hours Rur 9800 0		TEDIAL	0 A D D												
Entry Date CUTTING ST	2016/04/1 RUCTU Ga	RE		rill Pipe			9.80m	2SINGL	E 140	125 9	9800 7	REDUCTION	Product	S ADDE		ount Type 3 BOXES	s									
TO	0 Reason Pull	ос	110	Kelly D			9.75m 1.15m 1.00m	Remarks:				PREVENTION DEFOAMER D DEFOAMER S				1 BBI 1 PAILS 2 PAILS	<u>s</u>									
BRG	otal Run (m/	nr)		Weight of Veight of St	tring	47	kdaN 'kdaN					WALNUT DYNAFIBER SAWDUST				3 S)	X Remar		ICTION TRAV							
	I-R-C RP	M W0B 50 15kdaN	Hole	Drag U		Down		rand No. Pre			Depth					0,0,	INSPEC	т снок		S/KILL LINI	ES/ CHECK	MANIFOLD		T NOV ST-80 & A EMENT-FUNCT		
			11 101 400 1	n Bottom			0.00m	1 420 2 520	0 @	87 @ 95 @	594 740	Boiler Boiler #	Hours Ru	ın ı) Ho	Stack Temp	SAF	ETY		Safety 1				MEHL		MACP
									@	@							DERRIC	CK CONN	IECTIONS					·	00kdaN	2766kPa
TOUR 2 BITS	SIG	NATURI	,	LLING .		MBLY		MUD RE	CORD	JA	SON GILES	DEVIATI	ON SUR	VEYS			TIM	E LO		T TIM	E	08:00	EN	ID TIME	2	0:00
Bit Number		20	-		200		.30m			ther		Time Depth 08:00 814.05m 08:30 828.68m	Deviation 8.5 9.4	Direction 7.4 6.8	Ту	pe	98:00	08:15	Elapsed Co 0.25 21A	BOP		REW, WELL	SECURE/MI	n Sequence & EN IN POSITIO		
IADC Code Manufacture Type	HALIBUR	ON	1NA	OTOR M FLEX MO AP SUB	170 NEL 165	80 9	.70m .17m	Funnel 1	Time Density Viscosity	08:00 1240 31s/l	12:00 1250 31s/	08:45 843.3m 09:30 857.93m	10.7 11.4	6.8 3.5			08:15 16:15	16:15 17:00 19:45	8.00 2 0.75 20A 2.75 7	ACCL	JMULATED	,DIRECTIO		30m 'S,WORK PIPE 'E & DRAW WOR		
Serial No Jets	7.9 7			M FLEX MO			.10m .66m		luid Loss pH			09:45 872.55m 10:00 887.18m 10:15 901.8m	10.8 9.5 8.8	359.6 356.9 355.5				20:00	0.25 21	RAMS	S-4sec.T/C			N FORWARD		
Depth Out (m		9 45	1X/	RS-HYD/ME O 4.5" HWDF	158	71 (.47m	Location of	Depth PVT	SHAKERS	SHAKERS	SOLIDS Equipment Name	Hours Run		Over Flow Density	Under Flow Density										
Total Drilled (m Hrs Run Today		87		4.5 HWDF	7 112	72 340		CIRCUL.	TION	SPM Pres	sure Hours Rur	CENTRIFUGE	12	1250	1200											
Cumulative Hrs Rur Entry Date CUTTING ST	2016/04/1			rill Pipe	C+	ands 965	.25m	1 COMBIN 2 COMBIN 2 ED	127 1- 140		9600 11 9600 11	MUD MA	TERIAL Product	S ADDE		ount Type										
TI TO	Ga O	ge		rill Pipe Kelly D	Sir	gles	.00m	Remarks:				NEW WASH ALKALIME WALNUT				1 PAILS 4 EACH 10 EACH										
LOC To	Reason Pull otal Run (m/			Weight of		1330	.00m kdaN					DYNAFIBER REDUCTION				5 EACH	1									
BRG	ILLED I-R-C RP	M WOB		Veight of St LE CON	DITIC		kdaN	REDUCE	D PUN	IP SPE	ED	DEFOAMER D DEFOAMER S REACTION				1 EACH 1 EACH 1 EACH	INSPECT	T TOP DR		RS/BALES	ALL OVERH	HEAD EQUPI	MENT-INSPEC	T NOV ST-80 & A		
	DRILL	50 12kdal	Torque a	at Bottom		9300.		1 101		50 @	Depth 866	Boiler #	Hours Ru	ın l	oH S	1 EACI	-	CT ESCA	PE BUGGY/	MONKEY	BOARD SRI					
								2 147 1 334		50 @ 90 @	1238	1					BOP Dri	ill, Conne	ections	Safety 1	Горіс			MEHL 60.	00kdaN	MACP 2679kPa
TOUR 3	SIG	NATURI								JOS	SH GILBER	1					1			т тім	E	20:00	EN	ID TIME	2	4:00
BITS Bit Number		20	No	Componer		ID Lei		MUD RE	Mud Type	Water x	Oil 🗌	Time Depth 20:15 1340.55m			Ту	ре	From 20:00	To 23:00	Elapsed Co	_	200mm H		Operations i	n Sequence &	Remarks	
IADC Code			1M0	OTOR M FLEX MO	170	0	8.70m 9.17m		Time Density	20:00	23:00 1240	71 21:45 4200 05-	1.2 1.3	206.2 189.3			23:00	23:45	0.75 20A	DIRE	CTIONAL S	URVEYS/C	ONNECTION		TO CLOSE	
Type Serial No Jets		1185743	3 1NN	AP SUB M FLEX MO M FLEX MO	-	72	1.68m 9.10m 8.66m		Viscosity luid Loss pH	31s/l	31s/	23:00 1457.55m	1.1	160.1 141.9												
Depth Out (m)	7.9 7		-	RS-HYD/M		57	5.47m 0.90m	Location of	· -	SHAKERS 1330m	SHAKERS 1468m	SOLIDS Equipment	CONTRO		Over Flow	Under Flow										
Depth In (m Total Drilled (m		103		4.5" HWDF	2 114		6.32m	CIRCULA		95m3	90m3	Name CENTRIFUGE	Run 4	Density 1250	Density 1230	Density 1760	0									
Hrs Run Today Cumulative Hrs Rur Entry Date		15.2						Pump# Type 1 COMBIN 2 COMBIN	127	95 12	2500 4 2500 4	MUD MA	TERIAL	S ADDE	ED .											
CUTTING ST	Ga	ge		rill Pipe rill Pipe	Sir	ands 111 gles	1.50m 0.00m	-ED				REDUCTION WALNUT	Product		Amo	2 BOXES 4 S										
	0 Reason Pull otal Run (m/	ed		Kelly Do	Total	149	7.00m	Remarks:	-			SAWDUST PREVENTION				8 S)	×									
BRG METRES DR	ILLED			Veight of St	tring	4	okdaN rkdaN					DYNAFIBER				-1 S)			ICTION TRAV	_				T NOV ST-80 & A	L DRILL FLOO	R EQUIPMENT
	DRILL	M W0B 30 15kdah	1	at Bottom	р 3	7500.	00Nm P	rand No. Pre	essure Str		Depth 1470	Boiler						CT ESCA	PE BUGGY/				/ALVE ALIGN	EMENT-FUNCT	ON FLARE ST	ACK IGNITER
			Fill or	n Bottom			0.00m		@	@		Boiler #	Hours Ru	n l) Ho	Stack Temp			IECTIONS	Safety 1	Горіс			MEHL 70.	00kdaN	MACP 2756kPa
V. 1.3																										1 of 7

License No	Well Name	RONT PA	AGE SUM	MARY			0Y525	Sheet Seria 529_2016041 ace Location	13_1B	Vendor Pason	Software Ve	ersion Loc Type	Year 20 Unique Well Id	016	onth D	13 1		ınd Inspecti ction - Weel	ion dy (Using Check I	List) SDK		CAG	DC
31604 Operator	ARCRES HZ PARKLA	AND A5-9-81-	-16		Con	tractor		-081-16W6	!	Rig N	BC	DLS Well Type	100/14-08-081		Re <u>-E</u>	4) H2S Signs Post) Well Licence &) Flare Lines Sta) BOP Drills Perfi	Stick Diagr ked		SDK SDK SDK	MR MR	CA	
ARC RESOUR Operator's AFI						CISION DRILL tractor's Job N		PDCLP		529		HORIZ Spud Date			L	_) Rig Site Health	& Safety M	are Lines & Degass eeting (one/crew	r/month)		oaso	on)
16DRL0034 Signature of 0 Sheldon Kashu	Operator Representative					nature of Contr	actor's Rig M	anager				2016/04/10 Rig Release				3 4) CAODC Rig Saf) Mast Inspection) Crown Saver C	ety Inspecti n before Ra hecked	on Checklist (one ising or Lowering	e/rig/month)	MR	Pa	son
CODE	1 2 3	3 4	5	6	7	8 9	10	11	12	13 14	1 15	16	17	18	19	20) Motor Kills Che 21	22	23	24 2	5	Kelly Bushing 5.98	Op Fuel 4125.00 08:00 HOURS
Tour	Rig Drill Rean	ning Corin	g Cond Mud & Circ	Trips	Service	Repair Cut Rig Drilg		Wireline Logs	Run Csg & Cement	Wait On Nipple Cement BO	P BOP	Drillste Test		queeze ement F	Fishing	Dir Work	Safety Meeting	Tear Down	Waiting On W	Rig Vatch Oth		L Rig 205	500.00 Boiler 0.00
Tour 1 Tour 2 Tour 3	5.75 9.25				0.25											1.5 2.0	0.50				13	.00 # Current Con CLEAR Wind Directi	
Total	1.00		0.75 0.75	1.75	0.25											3.5	0.25				_	.00 Road Condit	JUP TO 19 KM/H
TOUR	1 SIGNAT	TURE O	F DRILLE	R				JOS	SH GILBERT								STAR	г тімі	E	00:00	END T	ME	08:00
BITS Bit N	lumber 2	DI No	Component		IBLY ID Length		RECORD Mud Type	Water x	Oil 🗌	DEVIATION Time Depth			Туре		TIM From	E LO	Elapsed Cod	de	De	etails of Oper	rations in Sequ	ence & Remarks	
	Size C Code	200	1 BIT 1 MOTOR	200 170	0 0.30	m		Other	05:00	00:00 1486.8m 00:30 1516.05m	0.5 0.3	168.1 145.1			00:00	01:00 01:15	1.002 0.2521	DRILL	200mm HOLE	FROM 1479	M-1530M.	REW REPONDED V	
Manufa	Type FX65DRM		1 NM FLEX MON	\rightarrow	80 9.17 80 1.68		Density nel Viscosity	1240 31s/l	1240 31s/	01:45 1545.3m 02:45 1574.55m 04:15 1603.8m	0.4	98.3 345.74			01:15	03:30	2.252		TION AND HE			MUSTER POINT	
Se	rial No 11 Jets 7.9 7.9 7.9		NM FLEX MON	\rightarrow	72 9.10 72 8.66	-	Fluid Loss pH			04:45 1613.55m 05:45 1623.3m	1.1 1.1 1.8	347.6 359.1			03:30 05:00	05:00 05:15	1.5020A 0.257	\rightarrow	TIONAL SURVERVICE/FUNC			NDS TO CLOSE	
Depth (7.9 7.9 Out (m)		1 JARS-HYD/ME 1 X/O	\rightarrow	57 5.47 71 0.90	⊣ I	n of Sample Depth	SHAKERS 1550m	SHAKERS 1617m	SOLIDS (Over Flow Un	nder Flow	05:15 07:45	07:45 08:00	2.502 0.2521		200mm HOLE TY MEETING /				
Depth Total Drill	. /	459 f	137 4.5" HWDP	114	72 346.32		PVT LATION	93m3	90m3	Name CENTRIFUGE	Run	Density 1250	Density 1220	Density 1750									
Hrs Run Cumulative H	Irs Run	5.75 21.00				Pump# Ty	/pe Liner Size		ssure Hours Rur 2500 7														
CUTTING	y Date 2016/04/11 STRUCTURE		2 Drill Pipe		ds 1257.75	200M	BINED 140	91 12	2500 7	MUD MA DYNAFIBER	Product	S ADD	Amount										
TI	Gage ODC		Drill Pipe Kelly Do		0.95	m Remarks:				SAWDUST			12	2 SX									
LOC	Reason Pulled Total Run (m/hr)		Weight of		1649.00 0kda	N				REDUCTION DEFOAMER SI	LICONE		1	BOXES PAILS					,				
	DRILLED		Weight of Str	DITIO											INSPECT	TOP DR	IVE/ ELEVATOR	S/BALES/		EQUPIMENT-	INSPECT NOV		FLOOR EQUIPMENT
From To 1497m 164			ole Drag Up que at Bottom	3	7500.00N	m Pump No.	Pressure S	trokes/min	Depth	Boiler					INSPEC	T ESCA	PE BUGGY/ N			NIFOLD VALVE	E ALIGNEMENT	-FUNCTION FLAI	RE STACK IGNITER
		Fi	II on Bottom		0.00	m 2	5100 @ @ @	91 @ @	1616	Boiler #	Hours R	un	pH Stac	ck Temp	SAF		0710110	Safety To	opic			MEHL 75.00kdaN	MACP
											l				DERICK	CONNE			_ `				2679kPa
TOUR BITS	2 SIGNAT		F DRILLE		IRIV	I MUD E	RECORD		ASON GILES	DEVIATION	ON SHE	VEVS			TIM	E LOC	STAR	ГТІМІ	=	08:00	END T	ME	20:00
	lumber 2 Size	No			ID Length		Mud Type	Water ×	Oil 🗌	Time Depth 08:15 1652.55m	Deviation 5.7		Туре		From 08:00		Elapsed Coo		De 200mm HOLE			ence & Remarks	;
	C Code ALIBURTON		1MOTOR 1NM FLEX MON	170	0 8.70r 80 9.17r	n	Time Density	08:00 1250	12:00	08:45 1662.3m 09:30 1672.05m	6.2	348.2 351.8			09:45	10:00	0.2521A 7.252	SOUR	WELL BOP DI 200mm HOLE	RILL WITH C	REW		
	Type FX65DRM	857438	1GAP SUB	165	80 1.68r 72 9.10r	n Funr	nel Viscosity Fluid Loss	31s/l	33s/	11:30 1691.55m	8.3 9.4	353.9 353.6			17:15 19:15	19:15 19:30	2.00 20A 0.25 7	ACCU	MULATED,DIR	RECTIONAL S	SURVEYS,WO	RK PIPE AND CO	ONNECTIONS ICTION UPPER PIPE
00	Jets 7.9 7.9 7.9		1NM FLEX MON 1JARS-HYD/ME	IEL 159	72 9.10r 72 8.66r 57 5.47r	n	pH n of Sample	SHAKERS	SHAKERS	12:15 1701.3m 13:15 1711.05m SOLIDS	10.7 12	352.7 351.6			19:30	19:45	0.252	RAMS	-4sec.T/C 200mm HOLE			AW WORKS, I OF	ICTION OFFERFIE
Depth (Out (m)	459	1X/O 137 4.5" HWDP	158	71 0.90r 72 346.32r	n	Depth PVT			Equipment Name	Hours Run	Intake Density	Over Flow Ur Density	nder Flow Density	19:45	20:00	0.25 21	$\overline{}$			NG/PLAN FOR	WARD	
Total Drill Hrs Run	led (m)	1317 9.00	107 4.5 114401	11.4	72 540.321	CIRCU	LATION /pe Liner Size	SPM Pres	ssure Hours Rur	CENTRIFUGE	12	1260	1200	1870									
Cumulative H Entr	Irs Run ry Date 2016/04/11	30.00		\Box		1 CON 1 ED 2 CON	4DINI	93 12	2750 12 2750 12	MALID MA	TERIAL	S ADD	ED										
CUTTING	STRUCTURE Gage	4	Drill Pipe Drill Pipe	Stan Singl	ds 1404.08r	n				NEW WASH ALKALIME	Product		Amount 2	2 PAILS									
T0 MDC	ODC Reason Pulled		Kelly Do	wn	-18.38r 1776.00r	n Remarks:				REACTION NEWFLOC			2	EACH EACH EACH									
LOC BRG	Total Run (m/hr)		Weight of Weight of Str		0kdal 68kda					REDUCTION WALNUT			5 10	5 EACH 0 EACH	Remark	ks: FUN	CTION TRAVI	EL STOPS	S/LIMITS & CR	OWN SAVER	₹		
MINTER S	D-R-C RPM		OLE CON ole Drag Up		Down s	REDU	CED PUI	MP SPE	ED	DEFOAMER D	SCO		2	EACH EACH									FLOOR EQUIPMENT RE STACK IGNITER
1649m 177	6m DRILL 50		que at Bottom		0.00	m 1:	Pressure S	90 @	Depth 1677	H Bollet #	Hours R	un	pH Stac	ck Temp	SAF		PE BUGGY/ N						
							4620 @ 3545 @	90 @ 90 @	1677 1735	11					Connect	ions,Sou	r BOP Drill	Safety To	opic			MEHL 73.00kdaN	MACP 2679kPa
TOUR	3 SIGNAT	TURE O	F DRILLEI	R				JO	SH GILBER	T							STAR	г тімі	E	20:00	END T	ME	24:00
BITS	lumbur o		RILLING A				RECORD		011	DEVIATION Time Depth			Turno			E LO				1-11-10		O Damedo	
	Size C Code	$\neg \neg \vdash$	1BIT	200	D Length	m		Water x Other	011 🔲	Time Deput	Deviation	Direction	Туре		-	21:00	1.00 2	DRILL	200mm BUILD	SECTION F	ROM 1776M-1	ence & Remarks 784M	•
	acturer HALIBURTON Type FX65DRM		1MOTOR 1NM FLEX MON 1GAP SUB		0 8.70 80 9.17	_	Density nel Viscosity	20:00 1230								21:45	0.75 5	RIG SI		CTION LOWE		4 SECS TO CLO	OSE
Se		857438 9 7.9	1NM FLEX MON 1NM FLEX MON	IEL 163	80 1.68 72 9.10 72 8.66	m	Fluid Loss	31s/l							22:00	22:15 24:00	0.25 21 1.75 6B	TRIP O	UT OF HOLE FR	ROM 1784M-12		IN FC'S @ 1784M	1700M. BACKREAM
Depth (7.9 7.9	9 7.9	1JARS-HYD/ME	CH 166	57 5.47	m Location	n of Sample Depth	SHAKERS 1776m		SOLIDS		1	0 5 4					FROM	1349W-1289W	I/ THROUGH	NIKANASSIN	AND CADOMIN	
Depth Total Drill	ı In (m)	459 1325	1X/O 137 4.5" HWDP		71 0.90 72 346.32	m	PVT LATION	105m3		Equipment Name CENTRIFUGE	Hours Run	Intake Density 1230	Over Flow Ur Density 1210	Density 1760									
Hrs Run Cumulative H	Today	1.00					/pe Liner Size		SSURE Hours Rur														
	Irs Run I			-		2CON	18IN- 140		8000 3	MUD MA	TERIAL Product	S ADD	Amount	Tyne									
CUTTING	ry Date 2016/04/11	A.	7 Drill Pine	Stan	ds 1404 00										'		ı						
TI TO		200	7 Drill Pipe o Drill Pipe Kelly Do	Singl		m I				REDUCTION WALNUT			2	1 BOXES 2 SX									
TI	y Date 2016/04/11 STRUCTURE 1 Gage	200 O	Drill Pipe Kelly Do	Singl wn otal	les 0.00	m Remarks:							1 2 2 4	1 BOXES									
TI TO MDC WT LOC N BRG	y Date 2016/04/11 STRUCTURE 1	200 O HA	Drill Pipe Kelly Do To	Single with single state of the	1784.00 0kda 68kda	m Remarks:				WALNUT DYNAFIBER			2 2 4	1 BOXES 2 SX 2 SX			-		S/LIMITS & CR			T-80 & ALL DRILL	FLOOR EQUIPMENT
TI TO MDC WT LOC N BRG	y Date 2016/04/11 STRUCTURE 1	200 OO HAA HA WOB H	Drill Pipe Kelly Do To Weight of Weight of Str OLE CON	Single with the state of the st	1784.00 0kda 68kda	m Remarks:	CED PUI Pressure S		Depth	WALNUT DYNAFIBER SAWDUST			2 2 4	1 BOXES 2 SX 2 SX	INSPECT	TOP DR	IVE/ ELEVATOR	S/ BALES/	ALL OVERHEAD S/ CHECK MAN	EQUPIMENT-	INSPECT NOV		FLOOR EQUIPMENT RE STACK IGNITER
TI	y Date 2016/04/11 STRUCTURE 1	200 OO HA	Meight of Str OLE CONI On Drill Pipe Kelly Do To Weight of Str OLE CONI Ole Drag Up	Single with the state of the st	0.00 -10.38 1784.00 0kda 68kda	m Remarks: m Remarks: m Pump No.				WALNUT DYNAFIBER	Hours R	un	2 2 4	1 BOXES 2 SX 2 SX	INSPECT	TOP DR T CHOKE T ESCA	IVE/ ELEVATOR	S/ BALES/	ALL OVERHEAD S/ CHECK MAN OARD SRL	EQUPIMENT-	INSPECT NOV		

FRONT PAGE SUMMARY	Tour Sheet Serial Number DY52529_20160414_1B	Vendor Software Version Year Pason 201		
License No Well Name 31604 ARCRES HZ PARKLAND A5-9-81-16 Operator	Surface Location 05-09-081-16W6	Prov Loc Type Unique Well Id BC DLS 100/14-08-081-1 Rig No Well Type	d 3) H2S Signs Posted if Required SDK MR SDK MR 4) Well Licence & Stick Diagram Posted SDK MR SDK MR 5)
operation NRC RESOURCES Operator's AFE	PRECISION DRILLING, DIV OF PDCLP Contractor's Job No	529 HORIZ Spud Date Time	He_Entry 16 80P Drills Performed 7 Vosually lepscoded 80P - Flare Lines & Degasser Lines SDK MR 1) Rig Site Health & Safety Meeting (one/crew/month) Pason	
6DRL0034 Signature of Operator Representative	82 Signature of Contractor's Rig Manager	2016/04/10 14:00 Rig Release Date Time	1) Inglisher and saleey weeting (interferentiating) 2) CADIDC Rig Safety Inspection Checkist (interlighmenth) 3) Mast Inspection before Raising or Lowering 4) Crown Saver Checked MR. Pason	
Sheldon Kashuba CODE 1 2 3 4 5 6 7	8 9 10 11 12	13 14 15 16 17 1	5) Motor Kills Checked 18 19 20 21 22 23 24 25 Kelly Bushing Op Fael 5.98 3750.00	
Rig Drill Reaming Coring Cond Mud Rips Rig Service			Time Temp	0.00
Tour 2 6.50 2.50 0.75 0.75	25		1.75 0.25 12.00 Entered Conditions CLEAR Most Fixed Fixed Conditions CLEAR Most Fixed Fixed Conditions CLEAR	2.00
	75 0.50 0.50		0.75 4.00	KM/H
TOUR 1 SIGNATURE OF DRILLER	JOSH GILBER		START TIME 00:00 END TIME 08:00	
DRILLING ASSEMBLY		DEVIATION SURVEYS Time Depth Deviation Direction Type	TIME LOG From To Elapsed Code Details of Operations in Sequence & Remarks	
Size	0.30m Other	1	00:00 00:45 0.75 BB BACK REAMING FROM 1187M-1135M 00:45 03:15 2.50 BB TRIP OUT OF HOLE FROM 1135M-0M. 10 MIN FC'S @ 917M/500M/200M/0M, FINAL T	TDID
Manufacturer	9.17m Density 1220 1.68m Funnel Viscosity 31s/l		CALC=7.75M/3. ACTUAL= 9.73M/3. DIFF=+1.98M/3 03.15 03.30 0.25 21 SAFETY MEETING PRIOR TO HANDLE TOOLS/ COP 2-1	
Serial No	9.10m Fluid Loss 8.66m pH		03:30 05:30 2:0020 DIRECTIONAL WORK/ CHANGE BIT/ DIAL UP MOTOR/ HANDLE MWD TOOULAY DOWNF	PICK
Depth Out (m) 1784 1 V/O 158 71	5.47m Location of Sample TANKS 0.90m Depth 1784m	SOLIDS CONTROL Equipment Hours Intake Over Flow Under	05:30 05:45 0.257 RIG SERVICE/FUNCTION BLIND RAMS OUT OF HOLE./FUNCTION ANNULAR/ 22 SECONDS INDEF Flow CLOSE	S TO
Depth In (m) 459 137 4.5° HWDP 114 72 3 Total Drilled (m) 1325 3 3 4	46.32m PVT 95m3 CIRCULATION		Density 05:45 06:00 0.2521 SAFETY MEETING/ PRIOR TO TRIP IN/ COP 2-7. 1670 06:00 06:45 0.758A TRIP IN HOLE FROM 0M-450M. FILL PIPE AND 10 MIN FLOWCHECK @ 477M.	1.
Hrs Run Today 2 Cumulative Hrs Run 31.00	Pump# Type Liner Size SPM Pressure Hours Ru 1 SINGLE 127 115 7800 0		06.45 07.00 0.2521 SAFETY MEETING PRIOR TO SLIP LINE/ COP 6-4A 07.00 07.30 0.509A SLIPICUT DRILLING LINE/FULL BLOCK CALIBRATION/CROWN SAVER/UPPER LOWER STO	OPS
	2SINGLE 140 0 7800 0	MUD MATERIALS ADDED Product Amount DEFOAMER SILICONE 1	1 PAUS	_
TO 1 ODC NO Kelly Down -	0.00m Remarks: BACK REAMING	BET ONWER SIERCONE	1 FAULS 07:45 08:00 0.2521 SAFETY MEETING/CREW CHANGE	_
LOC N Total Run (m/hr) 42.74 Weight of DC	0kdaN 0kdaN			_
METRES DRILLED HOLE CONDITION	REDUCED PUMP SPEED		Remarks: FUNCTION TRAVEL STOPS/LIMITS & CROWN SAVER INSPECT TOP DRIVE/ ELEVATORS/BALES/ ALL OVERHEAD EQUIPMENT-INSPECT NOV ST-80 & ALL DRILL FLOOR EQUIPMENT INSPECT TOP DRIVE/ ELEVATORS/BALES/ ALL OVERHEAD EQUIPMENT-INSPECT NOV ST-80 & ALL DRILL FLOOR EQUIPMENT INSPECT TOP DRIVE/ ELEVATORS/BALES/ ALL DRIVERS/ ALL DRILL FLOOR EQUIPMENT INSPECT TOP DRIVE/ ELEVATORS/ BALES/ ALL DRIVERS/ BALE DRIVERS/ BAL	
From To D-R-C RPM WOB Hole Drag Up Down Torque at Bottom	Pump No. Pressure Strokes/min Depth	Boiler	INSPECT CHOKE LINESHCKSKILL LINES! CHECK MANIFOLD VALVE ALIGNEMENT-FUNCTION FLARE STACK IGNIT INSPECT ESCAPE BUGGY/ MONKEYBOARD SRL SAFETY	IER
Fill on Bottom	@ @	Boiler # Hours Run pH Stack	Sch Temp Safety Topic MEHL MACP SLIP / CUT LINE 85.00kdaN 2769	9kPs
TOUR 2 SIGNATURE OF DRILLER			START TIME 08:00 END TIME 20:00	
BITS DRILLING ASSEMBLY	JASON GILES MUD RECORD	DEVIATION SURVEYS	TIME LOG	
Bit Number 3 No Component OD ID L	ength Mud Type Water X Oil	Time Depth Deviation Direction Type 11:45 1789.42m 24 342.5	From To Elapsed Code Details of Operations in Sequence & Remarks 08:00 08:45 0.75 SA CONTINUE TRIP INTO HOLE FROM 889m TO 1150m	
IADC Code	8.70m Time 12:00 16:0 1.44m Density 1250 123	12:45 1799.17m 26.3 341.3 13:30 1808.92m 28.2 340.3	08:45 11:15 2:503 REAMING FROM 1150m TO 1784m 11:15 17:45 6:502 DRILL 200mm HOLE FROM 1784m TO 1853m	_
Type MMD64M 1NM FLEX MONEL 165 80 Serial No 12749569 1GAP SUB 165 80	9.17m Funnel Viscosity 33s/l 33s 1.66m Fluid Loss	14:30 1818.67m	17.45 19.30 1.75 20.4 ACCUMULATED, DIRECTIONAL SURVEYS, WORK PIPE AND CONNECTIONS 19.30 19.45 0.25 RIG SERVICE - INSPECTIGREASE TOP DRIVE & DRAW WORKS, FUNCTION UPPER F	PIPE
Jets 7.9 7.9 7.9 11.1 1NM FLEX MONEL 163 72 11.1 11.1 11.1 1NM FLEX MONEL 159 72	9.10m pH Location of Sample SUCTION SUCTION	17:15 1847.92m 35.9 327.9		_
Depth In (m) 1784 1W/O 158 71	5.47m Depth 0.90m PVT	Name Run Density Density De	Inder Flow Density	_
Total Drilled (m) 91 137 4.5" HWDP 114 72 3: Hrs Run Today 6.50 Cumulative Hrs Run 6.50	Pump# Type Liner Size SPM Pressure Hours Ru	CENTRIFUGE 12 1260 1210	1870	_
Entry Date 2016/04/14 CUTTING STRUCTURE 50 Drill Pipe Stands 14	2COMBIN- 140 86 11300 10	MUD MATERIALS ADDED Product Amount	t Type	_
TI Gage d Drill Pipe Singles	0.00m -8.17m Remarks:	REDUCTION 3 ALKALIME 2	3 EACH 2 EACH	
MDC Reason Pulled Total 18	75.00m OkdaN	CALCIUM NITRATE 20 NEW WASH 1	00 EACH 1 PAULS 1	_
	75kdaN		Remarks: FUNCTION TRAVEL STOPS/LIMITS & CROWN SAVER INSPECT TOP DRIVE/ELEVATORS/ BALES/ ALL OVERHEAD EQUIPMENT-INSPECT NOV ST-80 & ALL DRILL FLOOR EQUIPMENT ST-80 & ALL DRILL FLO	IENT
From To D-R-C RPM WOB Hole Drag Up 4 Down 1150m 1784m REAM 30 5kdaN Torque at Bottom 880	REDUCED PUMP SPEED 0.00Nm Pump No. Pressure Strokes/min Depth	Boiler	INSPECT CHOKE LINES/HCR'S/KILL LINES/ CHECK MANIFOLD VALVE ALIGNEMENT-FUNCTION FLARE STACK IGNIT INSPECT ESCAPE BUGGY/ MONKEYBOARD SRL	TER
1784m 1875m DRILL 30 18kdaN Fill on Bottom	4.00m 1 2350 @ 80 @ 1766 2 3482 @ 80 @ 1766	Boiler # Hours Run pH Stack	SAFETY Safety Topic MEHL MACP	
	1 2025 @ 80 @ 185		Trip/Slip&Cu/Connections 75.00kdaN 2814	4kPa
TOUR 3 SIGNATURE OF DRILLER DRILLING ASSEMBLY	JOSH GILBER	DEVIATION SURVEYS	START TIME 2000 END TIME 24:00 TIME LOG	
Bit Number 3 No Component OD ID L		Time Depth Deviation Direction Type 20:15 1877.17m 42.7 325.9		
IADC Code	8.70m Time 20:00 23:00 1.44m Density 1220 1220	21:15 1886.92m 44.8 324.6	23:00 23:45 0.75 20.4 DIRECTIONAL SURVEYS / CONNECTIONS 23:00 23:45 0.75 20.4 DIRECTIONAL SURVEYS / CONNECTIONS 23:45 24:00 0.25 7 RIG SERVICE/FUNCTION LOWER PIPE RAMS / 4 SECS TO CLOSE	_
Type MMD64M 1NM FLEX MONEL 165 80 Serial No 12749569 1GAP SUB 165 80	9.17m Funnel Viscosity 31s/l 31s/l 1.66m Fluid Loss		26.49 21.09 12.29 140 02.1110.21 140 141 141 141 141 141 141 141 141 14	_
Jets 7.9 7.9 7.9 11.1 1NM FLEX MONEL 163 72 11.1 11.1 1NM FLEX MONEL 159 72	9.10m pH s.66m Location of Sample SHAKERS SHAKERS	SOLIDS CONTROL		_
Depth Out (m)	5.47m Depth 1874m 1910m 0.90m PVT 92m3 90m3		Inder Flow Density	_
Hrs Run Today 3.00	46.32m CIRCULATION Pump# Type Liner Size SPM Pressure Hours Ru	CENTRIFUGE 4 1220 1210	1720	_
Cumulative Hrs Run 9.50	1 127 85 12500 4 2 140 85 12500 4	MUD MATERIALS ADDED Product Amount	t Tuo	_
CUTTING STRUCTURE 53 Drill Pipe Stands 15 TI Gage q Drill Pipe Singles	0.00m	ALKALIME 2 SAWDUST 5	2 SX 5 SX	_
	20.92m Remarks: 21.00m	DYNAFIBER 2 WALNUT 2	2 SX 2 SX	_
	0kdaN 75kdaN		Remarks: Country reprof of the treshouse times care in deposit out a lossement placeton funds since the superior to the treshouse times care manyor out a lossement placeton funds since the superior to the s	OR
From To D-R-C RPM WOB Hole Drag Up 4 Down	REDUCED PUMP SPEED 0.00Nm Pump No. Pressure Strokes/min Depth	Pailor		_
Fill on Bottom	0.00m 1 4000 @ 87 @ 1910 @	Boiler Hours Run pH Stack	SAFETY Safety Topic MEHL MACP	
V. 1.3			DERRICK CONNECTIONS 80.00kdaN 2769	

FRONT PAGE SUMMARY	Tour Sheet Serial Number 0Y52529_20160415_1B	Vendor Software Version Pason	Year Month 2016 04	1) Daily Walk Around I 2) Detailed Inspection	Inspection 1 - Weekly (Using Check List)
Well Name 31604 ARCRES HZ PARKLAND A5-9-81-16 Operator	Surface Location 05-09-081-16W6 Contractor		ie Well Id 14-08-081-16W6/00	3) H2S Signs Posted i 4) Well Licence & Stic 5) Flare Lines Staked 6) BOP Drills Performe	ck Diagram Posted SDK MR SDK MR
IRC RESOURCES Operator's AFE 6DRL0034	PRECISION DRILLING, DIV OF PDCLP Contractor's Job No 82	529 HORIZ Spud Date Time 2016/04/10 14:00		7) Visually Inspected B0 1) Rig Site Health & S	OPs - Flare Lines & Degasser Lines SDK MR Inspection (one/crew/month) Pason Inspection Checklist (one/rig/month)
Signature of Operator Representative sheldon Kashuba	Signature of Contractor's Rig Manager MARC RAYMOND	Rig Release Date 1	Time	Mast Inspection be Crown Saver Check Motor Kills Checker	fore Raising or Lowering MR Pason
Rig Drill Reaming Coring Cond Mud Trips Rig Reaming Coring Reaming Reaming	8 9 10 11 12 Repair Cut Off Dev Wireline Run Csg	Wait On Nipple Up Test Drillstem P	17 18 19 Hug Squeeze Fishin	Dir Safety To	22 23 24 25 FUEL ® 08:00 HOURS
Tour 1 5.50 Circ Service Tour 2 7.25 1.50 0.2		Cement BOP BOP Test Ba	ack Cement 1151111	2.00 0.25 2.75 0.25	Watch United 10 14 26875.00 0.00 0.00
Tour 3 2.75 0.2 Total 15.50 1.50 0.7	5			1.00 5.75 0.50	4.00 4 4.00 Second Wed Strength SW 24.00 5 Road Condition SOOD SOOD
TOUR 1 SIGNATURE OF DRILLER	JOSH GILBERT			START 1	TIME 00:00 END TIME 08:00
BITS DRILLING ASSEMBLY Bit Number 3 No Component OD ID Let	MUD RECORD ngth Mud Type Water 2 0il	DEVIATION SURVEYS Time Depth Deviation Direction	_	IME LOG om To Elapsed Code	Details of Operations in Sequence & Remarks
Size 200 1 BIT 200 0	0.25m Other	00:451925.92m 50.8 316.1 01:451935.67m 52.3 313.9	00	0:00 05:30 5.502	DRILL 200mm HOLE FROM 1921M- 1985M DIRECTIONAL SURVEYS/ CONNECTIONS
Type MMD64M 1 NM FLEX MONEL 165 80 9	1.44m Density 1210 1210 9.17m Funnel Viscosity 31s/l 31s/l	02:45 1945.42m 53.6 312.1 04:30 1955.17m 54.2 309.9 05:30 1964.92m 54.9 309.1			RIG SERVICE/ FUNCTION ANNULAR/ 22 SECONDS TO CLOSE SAFETY MEETING/ CREW CHANGE MEETING
Jets 7.9 7.9 7.9 11.1 1 NM FLEX MONEL 163 72	1.66m	06:45 1974.67m 56.3 308.1			
Depth Out (m) 1 JARS-HYD/MECH 166 57	5.47m Depth 1937m 1961m 0.90m PVT 80m3 79m3	Equipment Hours Intake Over Name Run Density Density			
Hrs Run Today 5.50	5.32m CIRCULATION Pump# Type Liner Size SPM Pressure Hours Rur	CENTRIFUGE 8 1220	1200 1750		
Cumulative Hrs Run	1 COMBINED 127 87 12500 8 2 COMBINED 140 87 12500 8	MUD MATERIALS ADDED Product	Amount Type		
TI Gage 1 Drill Pipe Singles 9	9.50m 9.75m 4.08m Remarks:	ALKALIME REDUCTION SAWDUST	2 SX 2 BOXES 5 SX		
MDC Reason Pulled Total 198 LOC Total Run (m/hr) Weight of DC 0	5.00m OkdaN	DEFOAMER SILICONE DYNAFIBER	1 PAILS 2 SX		
METRES DRILLED HOLE CONDITION	REDUCED PUMP SPEED	WALNUT	INSI	PECT TOP DRIVE/ ELEVATORS/ E	STOPS/LIMITS & CROWN SAVER BALES/ALL OVERHEAD EQUPIMENT-INSPECT NOV ST-80 & ALL DRILL FLOOR EQUIPMENT IL LINES/ CHECK MANIFOLD VALVE ALIGNEMENT-FUNCTION FLARE STACK IGNITER
1921m 1985m DRILL 25 20kdaN Torque at Bottom 6500.	Down No. Down Oberton for a Double	Boiler	INS	SPECT CHOKE LINES/HCRS/KIL SPECT ESCAPE BUGGY/ MON AFETY	
Till off bottom	@ @ @ @	Boiler # Hours Run pH	Stack fellip		afety Topic MEHL MACP 90.00kdaN 2769kP.
TOUR 2 SIGNATURE OF DRILLER	JASON GILES			START 1	TIME 08:00 END TIME 20:00
BITS DRILLING ASSEMBLY Bit Number 3 No Component OD ID Let	mgth Mud RECORD Mud Type Water 2 0il	DEVIATION SURVEYS Time Depth Deviation Direction	_	IME LOG om To Elapsed Code	Details of Operations in Sequence & Remarks
Size 200 1BIT 200 0 0 1ADC Code 1MOTOR 170 0 8	0.25m Other	08:00 1984.42m 57 308.7 08:45 1994.17m 58.6 307.6 09:45 2003.92m 59.8 306.4	01	8:00 15:15 7.25 2	DRILL 200mm HOLE FROM 1985m TO 2078M. ACCUMULATED, DIRECTIONAL SURVEYS, WORK PIPE AND CONNECTIONS
Type MMD64M 1NM FLEX MONEL 165 80 9	.44m Density 1210 1210 .17m Funnel Viscosity 32s/l 32s/	09:45 2003.92m 59.8 306.4 10:45 2013.67m 61 305.1 11:45 2023.42m 62.4 304.7			RIG SERVICE - INSPECT/GREASE TOP DRIVE & DRAW WORKS, FUNCTION UPPER PIPI RAMS-4sec.T/C
Jets 7.9 7.9 7.9 11.1 1NM FLEX MONEL 163 72 S	1.66m	13:00 2033.17m 63.5 303.5 13:45 2042.92m 65.2 301.8 SOLIDS CONTROL			DISPLACE WELL TO OIL BASE FLUID CREW CHANGE SAFETY MEETING/PLAN FORWARD
Depth Out (m) 1JARS-HYD/MECH 166 57 5	0.47m Depth PVT	Equipment Hours Intake Over Name Run Density Den:			
Hrs Run Today 7.25	5.32m CIRCULATION Pump# Type Liner Size SPM Pressure Hours Rur COMBIN- 407 00 44000 40				
Cumulative Hrs Run	2COMBIN- 140 86 11630 12	MUD MATERIALS ADDED Product	Amount Type		
TI	0.00m Remarks:	ALKALIME REDUCTION REACTION	2 EACH 2 EACH 1 EACH		
	kdaN				
BRG	REDUCED PUMP SPEED		INSI	PECT TOP DRIVE/ ELEVATORS/ E	STOPS/LIMITS & CROWN SAVER BALES/ ALL OVERHEAD EQUPIMENT-INSPECT NOV ST-80 & ALL DRILL FLOOR EQUIPMENT L LINES/ CHECK MANIFOLD VALVE ALIGNEMENT-FUNCTION FLARE STACK IGNITER
1985m 2078m DRILL 25 20kdaN Torque at Bottom 9300.	OONM Pump No. Pressure Strokes/min Depth 0.00m 1 2455 @ 80 @ 2058	Boiler Boiler Hours Run pH		SPECT ESCAPE BUGGY/ MON	
	2 3485 @ 80 @ 2058			Sa nnections/Clean Tanks/Invert Tr	afety Topic MEHL MACP ransfer 83.00kdaN 2860kP
TOUR 3 SIGNATURE OF DRILLER	JOSH GILBER			START 1	TIME 20:00 END TIME 24:00
DRILLING ASSEMBLY		Time Depth Deviation Direction	Type Fro	om To Elapsed Code	Details of Operations in Sequence & Remarks
IADC Code 1 1MOTOR 170 0	0.25m Other 8.70m Time 21:00 23:00 1.44m Density 1230 1220	20:30 2081.92m 71.2 298.2 21:30 2091.67m 72.7 296.8 22:15 2101.42m 73.9 295.5	2:	2:45 23:45 1.0020A	DRILL 200mm BUILD SECTION FROM 2078M-2121M. DIRECTIONAL SURVEYS/TOOLFACE OIRENTATION RIG SERVICE/FUNCTION LOWER PIPE RAMS/ 4 SECONDS TO CLOSE
Type MMD64M 1NM FLEX MONEL 165 80	9.17m Funnel Viscosity 72s/l 64s/l 1.66m Fluid Loss		2.	3.43 24.00 0.23/	AND SERVICE/FUND HOW LOWER FIFE RANGE & SECONDS TO CLOSE
11.1 11.1 1NM FLEX MONEL 159 72	9.10m pH se.66m Location of Sample SHAKERS SHAKERS	SOLIDS CONTROL			
Depth In (m) 1784 1X/O 158 71	5.47m Depth 2087m 2108m 0.90m PVT 59m3 55m3 6.32m CIRCULATION	Equipment Hours Intake Over Name Run Density Dens			
1 357 157 4.5 167	Pump# Type Liner Size SPM Pressure Hours Rur				
Entry Date 2016/04/14 CUTTING STRUCTURE 6d Drill Pipe Stands 175	2 ^{COMBIN-} 140 87 15500 4	MUD MATERIALS ADDED Product BARITE	Amount Type		
TO ODC Kelly Down -2	0.00m S.67m Remarks:	OPTIWET LIME	35 SX 1 BBL 20 SX		
LOC Total Run (m/hr) Weight of DC	1.00m OkdaN 5kdaN		Rei	marks: FUNCTION TRAVELS	STOPS/LIMITS & CROWN SAVER
METRES DRILLED	REDUCED PUMP SPEED		INSI	PECT TOP DRIVE/ ELEVATORS/ E PECT CHOKE LINES/HCR'S/KIL	BALES/ ALL OVERHEAD EQUPIMENT-INSPECT NOV ST-80 & ALL DRILL FLOOR EQUIPMENT LL LINES/ CHECK MANIFOLD VALVE ALIGNEMENT-FUNCTION FLARE STACK IGNITER
2078m 2121m DRILL 25 20kdaN Torque at Bottom 6500. Fill on Bottom Fill on Bottom 6500. 6500.	000mm Pump No. Pressure Strokes/min Depth 0.00m 1 5200 84 @ 2097 @ @ @	Boiler Boiler # Hours Run pH		SPECT ESCAPE BUGGY/ MON AFETY	vKEYBOARD SRL afety Topic MEHL MACP
<i>L</i> 1.3	@ @		DEF	RRICK CONNECTIONS	95.00kdaN 2814kP.
					1 of 2

FRONT PAGE SUMMARY	Tour Sheet Serial Number 0Y52529_20160416_1B		2016 04 16 1) Dai	ILY CHECKS Ily Walk Around Inspection tailed Inspection - Weekly (Using Check List)	
Well Name 31604 ARCRES HZ PARKLAND A5-9-81-16 Operator	Surface Location 05-09-081-16W6 Contractor	Prov Loc Type Unique Well II BC	11-16W6/00 4) We 5) Fla Re_Entry 6) B00	re Lines Staked P Drills Performed	MR MR MR
	PRECISION DRILLING, DIV OF PDCLP Contractor's Job No 82	529 HORIZ Spud Date Time 2016/04/10 14:00	7) Visu	ually Inspected BOPs - Flare Lines & Degasser Lines SDK Site Health & Safety Meeting (one/crew/month) DDC Rig Safety Inspection Checklist (one/rig/month)	pason
Signature of Operator Representative	Signature of Contractor's Rig Manager MARC RAYMOND	Rig Release Date Time	3) Ma 4) Cro	st Inspection before Raising or Lowering	MR Pason
Rig Drill Reaming Coring Cond Mud Trips Rig	8 9 10 11 12 Repair Cut Off Dev Wireline Run Csg	13 14 15 16 17 Wait On Nipple Up Test Drillstem Plug State Plug P		21 22 23 24 25 Safety Tear Waiting Rig	FUEL @ 08:00 HOURS
Up Actual Mearlining Corning & Circ Imps Service		Cement BOP BOP Test Back	Cement Fishing Work	O.50 On Watch Office O.50 O.5	8.00 Time 05:00 Eemp 2.00 12:00 Current Conditions 12:00 Current Conditions
Tour 3 2.75 0.50 8.25 0.71 Total 8.75 0.50 8.25 0.71	5		1.00 4.75	1.00	4.00 Wind Direction Wind Strength UP TO 19 KM/r Page Condition GOOD
TOUR 1 SIGNATURE OF DRILLER	JOSH GILBER			START TIME 00:00	END TIME 08:00
Bit Number 3 DRILLING ASSEMBLY No Component 0D ID Let	mgth MUD RECORD Mud Type Water 0 0il x	DEVIATION SURVEYS Time Depth Deviation Direction Type	TIME LOG	psed Code Details of Opera	utions in Sequence & Remarks
IADC Code 1 MOTOR 170 0 8	0.25m Other	00:00 2120.92m 77.7 295.1 01:00 2130.67m 79.1 294.9 02:00 2140.42m 81.6 295.2	00:00 04:00 04:00 04:45	4.002 DRILL 200mm BUILD SECTION FR 0.7520A DIRECTIONAL SURVEYS/CONNEC	CTIONS
Type MMD64M 1 NM FLEX MONEL 165 80 9	1.44m Density 1220 1225 9.17m Funnel Viscosity 65s/l 64s/ Fluid Loss	03:002150.17m 83.5 296 03:452159.92m 85.4 296.7	04:45 05:00 05:00 05:30 05:30 05:45	0.257 RIG SERVICE/FUNCTION ANNUL 0.505 CONDITION MUD & CIRCULATE 0.2521 SAFETY MEETING PRIOR TO TRI	
Jets 7.9 7.9 7.9 11.1 1 NM FLEX MONEL 163 72 5	9.10m pH shakers shakers	04:00 2163.18m 86.1 297	05:45 07:45 07:45 08:00		I-1095mM. WITH 10 MIN FC'S @ 2057M, 1095m
Depth In (m) 1784 1 X/O 158 71 (Depth 2140m 2171m 0.90m PVT 55m3 53m3 6.32m CIRCULATION	Equipment Name Run Density Density CENTRIFUGE 1 1230 1160	Jnder Flow Density 1750		
Hrs Run Today 4.00	CIRCULATION Pump# Type Liner Size SPM Pressure Hours Rur 1 COMBINED 114 86 15500 7		1735		
Entry Date 2016/04/14 61 Drill Pipe Stands 1784	2 ^{COMBINED} 114 86 15500 7		nt Type		
TO 1 ODC CT Kelly Down	0.00m	OPTI-ONE BARITE	2 PAILS 18 SX		
LOC A Total Run (m/hr) 13.48 Weight of DC C	OkdaN OkdaN	CLAYTONE	1 SX Remarks: FUNCTI	ON TRAVEL STOPS/LIMITS & CROWN SAVER	
METRES DRILLED			INSPECT CHOKE LIN	ELEVATORS/ BALES/ ALL OVERHEAD EQUPIMENT-II IES/HCR'S/KILL LINES/ CHECK MANIFOLD VALVE	
2121m 2175m DRILL 25 20kdaN Torque at Bottom 6500.4 Fill on Bottom 0 6500.4 6500.4 6500.4 6500.4	DONM Pump No. Pressure Strokes/min Depth 0.00m 2 5200 86 @ 2145 @ @ @	Boiler Boiler Hours Run pH St	SAFETY SAFETY	BUGGY/ MONKEYBOARD SRL Safety Topic	MEHL MACP
	@ @		TRIPPING OUT	cutoty ropio	95.00kdaN 2814kP
TOUR 2 SIGNATURE OF DRILLER BITS DRILLING ASSEMBLY	JASON GILES	DEVIATION SURVEYS	TIME LOG	START TIME 08:00	END TIME 20:00
Bit Number 4 No Component OD ID Let	ngth Mud Type Water Oil 🗵	Time Depth Deviation Direction Type 17:45 2182.68m 89.1 297			tions in Sequence & Remarks
	0.01m Time 18:00 0.32m Density 1240	18:45 2192.43m 90.5 296 19:15 2202.18m 90.9 295.4 19:30 2211.93m 90.8 294.6	10:15 10:30	FCS @454m, 0m/ FINAL TRIP CAL	.C= 9.18M/3. ACTUAL =9.4M/3 DIFF= .22M/3 2-1 WITH DISCOVERY DIRECTIONAL
Serial No 12795239 1NM FLEX MONEL 118 69 9	.69m Funnel Viscosity 66s/l .27m Fluid Loss DH	19:30 2211.93m 90.8 294.6	10:30 12:45	BLIND RAMS/FLOW CHECK OUT	JP LATERAL DIRECTIONAL ASSEMBLY - FUNCTION OF HOLE Imm, FLOW CHECKS/FILL PIPE @ 484m, 1101m
8.7 1X/O 134 61 0	Depth Dept	SOLIDS CONTROL Equipment Hours Intake Over Flow	12:45 14:45 14:45 15:00 Jnder Flow		P DRIVE & DRAW WORKS, FUNCTION UPPER PIPE
Depth In (m) 2175 1XO 136 62 07	9.96m PVT 52m3 5.50m CIRCULATION	Name Run Density Density	Density 15:00 17:00 17:00 19:00	2.00 SA CONTINUE TRIP INTO HOLE FRO 2.00 2 DRILL 171mm HOLE FROM 2175m	TO 2225M.
Hrs Run Today 2.00 1x/O 134 61 0 Cumulative Hrs Run 2.00 1160 x 4.5° DP 114 97 1560 Entry Date 2016/04/16 136 4.5° HWDP 114 70 336		MUD MATERIALS ADDED	19:00 19:45 19:45 20:00	0.75 20A ACCUMULATED, DIRECTIONAL SU 0.25 21 CREW CHANGE SAFETY MEETIN	
CUTTING STRUCTURE 9 Drill Pipe Stands 263	2 _{ED} 114 86 15100 3	Product Amour	nt Type		
MDC Reason Pulled Total 2225					
	kdaN //kdaN			ON TRAVEL STOPS/LIMITS & CROWN SAVER ELEVATORS/ BALES/ ALL OVERHEAD EQUPIMENT-IF	NSPECT NOV ST-80 & ALL DRILL FLOOR EQUIPMENT
From To D-R-C RPM WOB Hole Drag Up 5 Down 2175m 2225m DRILL 50 15kdaN Torque at Bottom 6500.	00Nm Pump No. Pressure Strokes/min Depth	Boiler	INSPECT CHOKE LIN	IES/HCR'S/KILL LINES/ CHECK MANIFOLD VALVE BUGGY/ MONKEYBOARD SRL	
Fill on Bottom	0.00m 1 2475 @ 80 @ 484 2 4488 @ 80 @ 1101 1 3825 @ 80 @ 2168	Boiler # Hours Run pH Sta	SAFETY Trip/BHA/Pump Mant	Safety Topic	MEHL MACP 75.00kdaN
TOUR 3 SIGNATURE OF DRILLER	JOSH GILBER		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	START TIME 20:00	END TIME 24:00
BITS DRILLING ASSEMBLY	MUD RECORD	DEVIATION SURVEYS	TIME LOG		
	Mud Type Water Oil x	Time Depth Deviation Direction Type 20:00 2226.5m 90.2 293.5 20:45 2241.18m 89.6 293.1	20:00 22:45 22:45 23:45	osed Code Details of Opera 2.752 DRILL LATERAL SECTION FROM: 1.00 20A DIRECTIONAL SURVEYS/CONNE	
Manufacturer HALIBURTON 1NM FLEX MONEL 119 72	9.32m Density 1240 1230 1.69m Funnel Viscosity 66s/l 64s/	21:30 2256m 90.7 293 21:45 2270.43m 91.8 293.1 22:30 2285m 91.1 293.1	23:45 24:00	0.257 RIG SERVICE/FUNCTION LOWER	
Jets 8.7 8.7 8.7 1NM FLEX MONEL 120 72	9.27m Fluid Loss 9.26m pH	23:00 2299.68m 90.3 294.3			
Depth Out (m) 15 DP (4.5") 114 97 4	0.94m Location of Sample SHAKERS SHAKERS 8.75m Depth 2225m 2300m 0.96m PVT 51m3 51m3	SOLIDS CONTROL Equipment Hours Intake Name Run Density Density	Jnder Flow Density		
Total Drilled (m) 148 1 JARS-HYD/MECH 136 62 Hrs Run Today 2.75 1 X/O 134 61	5.50m CIRCULATION 0.94m Pump# Type Liner Size SPM Pressure Hours Rui	CENTRIFUGE 1.5 1240 1120	1760		
Entry Date 2016/04/16 136 4.5" HWDP 114 70 33	0.00m 1COMBIN- ED 114 86 16500 4 6.96m 2COMBIN- ED 114 86 16500 4	MUD MATERIALS ADDED Product Amour	at Type		
TI Gage d Drill Pipe Singles	1.00m	OPTI-ONE BARITE	8 PAILS 94 SX		
MDC Reason Pulled Total 232 LOC Total Run (m/hr) Weight of DC 0	3.00m DkdaN	OPTIWET LIME	1 BBL 10 SX		
BRG	REDUCED PUMP SPEED	GILSONITE	INSPECT TOP DRIVE/	ON TRAVEL STOPS/LIMITS & CROWN SAVER ELEVATORS/ BALES/ ALL OVERHEAD EQUPIMENT-II IES/HCR'S/KILL LINES/ CHECK MANIFOLD VALVE	
2225m 2323m DRILL 50 15kdaN Torque at Bottom 7500.	Pump No. Pressure Strokes/min Depth 0.00m 1 4600 86 2 2312	Boiler Boiler # Hours Run pH St		BUGGY/ MONKEYBOARD SRL	
	@ @	John Hall pri Su	DERRICK CONNEC	Safety Topic TIONS	MEHL MACP 95.00kdaN 2814kPr
<i>L</i> 1.3					1 of :

FRONT PAGE SUMMARY	Tour Sheet Serial Number 0Y52529_20160417_1B		2016 04 17 1) Daily Walk Around Inspection 2) Detailed Inspection - Weekly (Using Check List)
Well Name 31604 ARCRES HZ PARKLAND A5-9-81-16 Operator	Surface Location 05-09-081-16W6 Contractor	Prov Loc Type Unique Well Id BC DLS 100/14-08-081	
IRC RESOURCES Operator's AFE 6DRL0034	PRECISION DRILLING, DIV OF PDCLP Contractor's Job No 82	529 HORIZ Spud Date Time 2016/04/10 14:00	7) Visually inspected 80Ps - Flare Lines & Dogasser Lines SDK MR 1) Rig Site Health & Salety Meeting (nevierwe/month) 2) CADOC Rig Safety Inspection Checklist (nevirig/month)
Signature of Operator Representative sheldon Kashuba	Signature of Contractor's Rig Manager MARC RAYMOND	Rig Release Date Time	Mast Inspection before Raising or Lowering Crown Saver Checked MR Pason Motor Kills Checked
Rig Drill Reaming Coring Cond Mud Trips Sequence Sequence Rig Reaming Coring Cond Mud Reaming Rig Rig Rig Reaming Rig Rig Rig Reaming Rig Rig Reaming Rig Rig	8 9 10 11 12 Repair Cut Off Dev Wireline Run Csg	Wait On Nipple Up Test Drillstem Plug Sq	18 19 20 21 22 23 24 25 Squeeze Fishing Dir Safety Tear Walting Rig Other TOTAL Wark Meritin Down On Wark Other TOTAL Wark Company Compan
Up Actual Ineariming Corning & Circ Imps Servici Tour 1 5.50 0.3 Tour 2 7.75 0.3	25	Cement BOP BOP Test Back Co	Cement Fishing Work Meeting Down On Watch Outer ToTAL
Tour 3 2.25 0 Total 15.50 0	25		1.50 4.00 time the following time Senegal times Senegal ti
TOUR 1 SIGNATURE OF DRILLER	JOSH GILBER		START TIME 00:00 END TIME 08:00
BITS DRILLING ASSEMBLY Bit Number 4 No Component 0D ID Lo	MUD RECORD ength Mud Type Water 0il x	DEVIATION SURVEYS Time Depth Deviation Direction Type	PIME LOG Prom To Elapsed Code Details of Operations in Sequence & Remarks
Size 171 1 BIT 159 0	0.33m Other	00:152328.93m 89.6 296.4 00:452343.5m 88.4 297.1	00:00 04:15 4:252 DRILL 171mm LATERAL SECTION FROM 2323M-2460M 04:15 06:15 2:00 20A DIRECTIONAL SURVEYS/CONNECTIONS
Type MMD55C 1 GAP SUB 124 67	9.32m Density 1240 1230 1.69m Funnel Viscosity 64s/l 62s/	01:15 2358.18m 87.5 296.7 01:45 2372.5m 88.9 297.1 02:30 2387.43m 89.7 298.2	06:15 06:30 0.257 RIG SERVICE/ FUNCTION ANNULAR/ 22 SECONDS TO CLOSE 06:30 07:45 1.252 DRILL 171mm HOLE FROM 2460M TO 2548M
Jets 8.7 8.7 8.7 1 NM FLEX MONEL 120 72	9.27m Fluid Loss 9.26m pH	03:00 2402m 89.8 299.3 03:30 2416.68m 90.8 299.6 SOLIDS CONTROL	07.45 08:00 0.2521 SAFETY MEETING/ CREW CHANGE MEETING
Depth Out (m) 15 DP (4.5°) 114 97 4	18.75m Depth 2372m 2460m 0.96m PVT 53m3 55m3	Equipment Hours Intake Over Flow Un	Under Flow Density
Hrs Run Today 5.50 1 X/O 134 61	5.50m CIRCULATION 0.94m Pump# Type Liner Size SPM Pressure Hours Ru	CENTRIFUGE 3 1250 1150	1770
Entry Date 2016/04/16 136 4.5" HWDP 114 70 33	0.00m 1 COMBINED 114 86 16500 7 06.96m 2 COMBINED 114 86 16500 7	MUD MATERIALS ADDED Product Amount	unt Type
TI Gage O Drill Pipe Singles	0.00m Remarks:	BARITE 84 NEW VEX 6 CLAYTONE 2	
MDC Reason Pulled Total 25- LOC Total Run (m/hr) Weight of DC	8.00m 0kdaN	LIME 5	2 SA
METRES DRILLED HOLE CONDITION	REDUCED PUMP SPEED		Remarks: FUNCTION TRAVEL STOPSALMITS & CROWN SAVER INSPECT TOP DRIVE: ELEVATORS BALES 'ALL OVERHEAD EQUIPMENT-INSPECT NOV ST-80 & ALL DRILL FLOOR EQUIPMENT INSPECT CHOKE LINESHCR'S/KIL LINES/ CHECK MANIFOLD VALVE ALIGNEMENT-FUNCTION FLARE STACK (GNITER) INSPECT CHOKE LINESHCR'S/KIL LINES/ CHECK MANIFOLD VALVE ALIGNEMENT-FUNCTION FLARE STACK (GNITER)
2323m 2548m DRILL 50 15kdaN Torque at Bottom 7500	10.00Nm Pump No. Pressure Strokes/min Depth 0.00m 2 4650 @ 86 @ 2455	Boiler	INSPECT ESCAPE BUGGY/ MONKEYBOARD SRL
1 III OII BOLLOIII)	@ @ @ @	Boiler # Hours Run pH Stac	Safety Topic MEHL MACP DERRICK CONNECTIONS 95.00kdaN 2814kP
TOUR 2 SIGNATURE OF DRILLER	JASON GILES		START TIME 08:00 END TIME 20:00
BITS DRILLING ASSEMBLY Bit Number 4 No Component OD ID Li	MUD RECORD ength Mud Type Water Oil 🗵	DEVIATION SURVEYS Time Depth Deviation Direction Type	Prom To Elapsed Code Details of Operations in Sequence & Remarks
Size	0.33m Other	08:00 2548m 89.3 298.2 08:30 2562.93m 90.3 298.6	08:00 15:45 7:752 DRILL 171mm HOLE 2548m TO 2869M. 15:45 19:30 3:75 20A DIRECTIONAL SURVEYS/CONNECTIONS
Type MMD55C 1GAP SUB 124 67	9.32m Density 1270 127 1.69m Funnel Viscosity 51s/l 51s	08:45 2577.5m 90.7 298.1 09:30 2592.18m 90.4 296.4 09:45 2607m 91.3 297.2	19:30 19:45 0:257 RIG SERVICE/FUNCTION UPPER PIPE RAMS-4 sec.T/C 19:45 20:00 0:2521 CREW CHANGE SAFETY MEETING/PLAN FORWARD
Jets 8.7 8.7 8.7 1NM FLEX MONEL 120 72	9.27m Fluid Loss 9.26m pH 0.94m Location of Sample SHAKERS SHAKERS	10:30 2621.43m 90.7 296.3 11:00 2636m 90.2 295.2 SOLIDS CONTROL	
Depth Out (m) 15 DP (4.5*) 114 97 4	8.75m Depth 0.96m PVT	Equipment Hours Intake Over Flow Un Name Run Density Density	Under Flow Density
Hrs Run Today 7.50 1X/O 134 61	5.50m CIRCULATION 0.94m Pump# Type Liner Size SPM Pressure Hours Ru	WHIRLYBYRD 5 1270 1100 BLACKSTONE 4 1270 1150	1800
Entry Date 2016/04/16 136 4.5" HWDP 114 70 33	10.00111 1ED 114 86 16000 12	MUD MATERIALS ADDED Product Amount	unt Type
TI Gage d Drill Pipe Singles	0.00m 1.43m Remarks:		15 EACH 10 EACH 3 EACH
LOC Total Run (m/hr) Weight of DC	9.00m	GILSONITE 5 NEW VEX 4	5 EACH
BRG	REDUCED PUMP SPEED		Remarks: FUNCTION TRAVEL STOPSALMITS & CROWN SAVER INSPECT TOP DRIVE/ELEVATORS/BALES/ALL OVERHEAD EQUIPMENT-INSPECT NOV ST-80 & ALL DRILL FLOOR EQUIPMENT INSPECT CHOKE LINESHCRES/MIL LINES/ CHECK MANIFOLD VALVE ALIGNEMENT-FUNCTION FLARE STACK (SINTER
2548m 2869m DRILL 61 16kdaN Torque at Bottom 10200	0.00Nm Pump No. Pressure Strokes/min Depth 0.00m 1 4550 @ 86 @ 2724	Boiler Boiler Hours Run pH Stac	INSPECT ESCAPE BUGGY/ MONKEYBOARD SRL SAFETY
	2 4650 @ 86 @ 2724	Solid in Tropic Harris	Safety Topic MEHL MACP Connections/Dress Casing
TOUR 3 SIGNATURE OF DRILLER	JOSH GILBER		START TIME 20:00 END TIME 24:00
DRILLING ASSEMBLY		DEVIATION SURVEYS Time Depth Deviation Direction Type	TIME LOG
IADC Code 1MOTOR HS 127 0	0.33m Other 9.01m Time 20:00 23:00 9.32m Density 1250 1240	1 20:45 2000 24m 90.7 297.7	20.00 22:15 2.252 DRILL 171mm LATERAL SECTION FROM 2875M-2960M. 22:15 23:45 1.50 20A DIRECTIONAL SURVEYS/CONNECTIONS/CONNECTIONS
	9.32m Density 1250 1240 1.69m Funnel Viscosity 53s/l 54s/ 9.27m Fluid Loss	21:45 2913.93m 90.6 297.8 22:30 2928.56m 90.1 297.5	23.45 24.00 0.257 RIG SERVICE /FUNCTION LOWER PIPE RAMS/ 4 SECS TO CLOSE
Jets 8.7 8.7 8.7 8.7 1NM FLEX MONEL 120 72 8.7 1X/O 134 61	9.26m pH 0.94m Location of Sample SHAKERS SHAKERS	22:45 2943.18m 90.8 297.3 23:15 2957.81m 90.8 297.8 SOLIDS CONTROL	
Depth In (m) 2175 1XO 136 62	48.75m Depth 2868m 2944m 0.96m PVT 50m3 53m3		Under Flow Density 1790
	5.50m CIRCULATION 0.94m Pump# Type Liner Size SPM Pressure Hours Ru 50.00m COMBIN- 114 86 21500 4	3 1250 1140	1790
Entry Date 2016/04/16 136 4.5" HWDP 114 70 3 CUTTING STRUCTURE 34 Drill Pipe Stands 9	36.96m 2 ^{COMBIN-} 114 86 21500 4 94.50m		unt Type
TO ODC Kelly Down	0.00m	GILSONITE 10	10 SX 6 SX
LOC Total Run (m/hr) Weight of DC	50.00m OkdaN '3kdaN		Remarks: FUNCTION TRAVEL STOPS/LIMITS & CROWN SAVER
	10 REDUCED PUMP SPEED		INSPECT TOP DRIVE/ELEVATORS/BALES/ ALL OVERHEAD EQUIPIMENT-INSPECT NOV ST-80 & ALL DRILL FLOOR EQUIPIMEN INSPECT CHOKE LINESHCR'S/KILL LINES/ CHECK MANIFOLD VALVE ALIGNEMENT-FUNCTION FLARE STACK IGNITER
	0.00Nm Pump No. Pressure Strokes/min Depth 0.00m 1 4800 @ 86 @ 2957	Boiler Boiler # Hours Run pH Stac	INSPECT ESCAPE BUGGY/ MONKEYBOARD SRL SAFETY Safety Topic MEHL MACP
<i>L</i> 1.3			DERRICK CONNECTIONS 85.00kdaN 2679kP
			1 of

FRONT PAGE SUMMARY	Tour Sheet Serial Number 0Y52529_20160418_1B	Vendor Software Version Year Pason 2016	Month Day DAILY CHECKS OP RM 16 04 18 10 Bayle Kind Inspection Weekly (Using Check List) SDK DA DAILY CHECKS OP RIM 18 DAILY CHECKS OP RIM OF RIM
Well Name 31604 ARCRES HZ PARKLAND A5-9-81-16 Departur	Surface Location 05-09-081-16W6 Contractor	Prov Loc Type Unique Well Id	3) H2S Signs Posted if Required SDK DA
RC RESOURCES Operator's AFE	PRECISION DRILLING, DIV OF PDCLP Contractor's Job No	529 HORIZ Spud Date Time	7) Visually Inspected 80Ps - Flare Lines & Degasser Lines SDK DA 1) Rig Site Health & Safety Meeting (one/crew/month) DA
6DRL0034 Signature of Operator Representative Heldon Kashuba	Signature of Contractor's Rig Manager DAVE ACHESON	2016/04/10 14:00 Rig Release Date Time	2 CADDC Rig Safety Inspection Checklist (one/rig/month) 3) Mast Inspection before Rising or Lowering 4) Orown Saver Checked 5) Mother Kills Checked Pason
CODE 1 2 3 4 5 6 7	8 9 10 11 12 Repair Cut Off Dev Wireline Run Csq	13 14 15 16 17 18 Wait On Nipple Up Test Drillstem Plug Sque	FUEL @ 08:00 HOURS
Rig	Rig Drilg Line Survey Logs & Cement	Wait On Cement BOP Test Drillstem Plug Squer BOP Test Back Cemi	
Tour 2 7.75 0.2 Tour 3 3.00 0.2	5		3.75 0.25 12.00
TOUR 1 SIGNATURE OF DRILLER	JOSH GILBER		6.25 0.75 24.00 ≥ min contains 300b
TOUR 1 SIGNATURE OF DRILLER DRILLING ASSEMBLY	MUD RECORD	DEVIATION SURVEYS	START TIME 00:00 END TIME 08:00 TIME LOG
Bit Number 4 No Component OD ID Le	ngth Mud Type Water Oil x 0.33m Other	Time Depth Deviation Direction Type 00:15 2972.43m 89.7 298	From To Elapsed Code Details of Operations in Sequence & Remarks
Manufacturer HALIBURTON 1 NM FLEX MONEL 119 72	9.01m Time 02:00 05:00 9.32m Density 1250 1240	01:002987.06m 88.8 297.7 01:303001.68m 89.5 298.1 02:003016.31m 90.7 297.8	05:30 07:30 2:0020A DIRECTIONAL SURVEYS 07:30 07:45 0:257 RIG SERVICE /FUNCTION ANNULAR / 22 SECONDS TO CLOSE
Serial No 12795239 1 NM FLEX MONEL 118 69	1.69m Funnel Viscosity 52s/l 5	02:153030.93m 91 297.8 03:153045.56m 90.6 298.2	07-45 08:00 0.2521 SAFETY MEETING/CREW CHANGE MEETING
8.7 1 X/O 134 61	9.26m PH D.94m Location of Sample SHAKERS SHAKERS S.75m Depth 3015m 3074m	04:00 3060.18m 90.4 299.6 SOLIDS CONTROL	to Cou
Depth In (m) 2175 1 XO 136 62	0.96m PVT 52m3 51m3 5.50m CIRCULATION		fer Flow eneity 1900
Hrs Run Today 5.50 1 X/O 134 61	0.94m Pump# Type Liner Size SPM Pressure Hours Rui 0.00m 1 COMBINED 114 86 22500 7		
	5.96m 2 COMBINED 114 86 22500 7	MUD MATERIALS ADDED Product Amount NEW VEX 6	
TO ODC Kelly Down	9.50m	LIME 5 CLAYTONE 3	SX S
LOC Total Run (m/hr) Weight of DC	0.00m OkdaN OkdaN		Remarks: FUNCTION TRAVEL STOPSALMITS & CROWN SAVER
BRG			Relitains: FUNCTION TRAVELS STOPSICIANTS & CHOWN SAVER INSPECT TOP DRIVE (ELEVATORS) BALES! ALL OVERHEAD EQUIPMENT-INSPECT NOV ST-80 & ALL DRILL FLOOR EQUIPMENT INSPECT CHOKE LINES/HOR'S/KILL LINES/ CHECK MANIFOLD VALVE ALIGNEMENT-FUNCTION FLARE STACK (GNITER
2960m 3120m DRILL 60 15kdaN Torque at Bottom 7600.	David No. David No. David No. David No.		INSPECT ESCAPE BUGGY/ MONKEYBOARD SRL
Till Off Society	@ @ @	Boiler # Hours Run pH Stack T	Safety Topic MEHL MACP
TOUR 2 SIGNATURE OF DRILLER	JASON GILES		START TIME 08:00 END TIME 20:00
BITS DRILLING ASSEMBLY Bit Number 4 No Component OD ID Le	MUD RECORD ngth Mud Type Water Oil X	DEVIATION SURVEYS Time Depth Deviation Direction Type	TIME LOG From To Elapsed Code Details of Operations in Sequence & Remarks
Size 171 1BIT 159 0 (Mud Type Water Oil x	08:15 3133.31m 91.1 300.5 09:30 3147.93m 90.4 300	From To Elapsed Code Details of Operations in Sequence & Remarks
Manufacturer HALIBURTON 1NM FLEX MONEL 119 72 9	0.32m Density 1240 1230 1.69m Funnel Viscosity 47s/I 46s/	10:45 3162.56m 90.2 300.1 11:30 3177.18m 90.5 299.8 12:15 3186.93m 90.1 299.8	19:30 19:45 0.257 RIS SERVICE/FUNCTION UPPER PIPE RAINS-5 sec.TC 19:45 20:00 0.2521 CREW CHANGE SAFETY MEETING/PLAN FORWARD
	9.27m Fluid Loss 9.26m pH	12:15 3186.93m 90.1 299.8 13:00 3196.68m 89.8 300 14:00 3206.43m 90.4 300.8	
Depth Out (m) 15 DP (4.5") 114 97 46	Depth Location of Sample SHAKERS SHAKERS Depth		der Flow
Total Drilled (m) 1151 1JARS-HYD/MECH 136 62 5	PVT	Name Run Density Density Den	ensity
Hrs Run Today 7.75 1½/O 134 61 0 Cumulative Hrs Run 33.50 1160 x 4.5° DP 114 97 1560 Entry Date 2016/04/16 136 4.5° HWDP 114 70 336	0.00m 1COMBIN- 114 86 15777 12	MUD MATERIALS ADDED	
CUTTING STRUCTURE 46 Drill Pipe Stands 134	5.50m		Type EACH EACH
MDC Reason Pulled Total 3338	0.00m Remarks:	NDFT BEADS 4	EACH
BRG Weight of String 7:	kdaN BkdaN		Remarks: FUNCTION TRAVEL STOPS/LIMITS & CROWN SAVER
METRES DRILLED			INSPECT TOP DRIVE/ELEVATORS/ BALES/ ALL OVERHEAD EQUIPMENT-INSPECT NOV ST-80 & ALL DRILL FLOOR EQUIPMENT INSPECT CHOKE LINESHORS/KILL LINES/ CHECK MANIFOLD VALVE ALIGNEMENT-FUNCTION FLARE STACK IGNITER INSPECT ESCAPE BUGGY/ MONKEYBOARD SRL INSPECT ESCAPE BUGGY/ MONKEYBOARD SRL
lorque at Bottom	0.00m	Boiler Boiler # Hours Run pH Stack T	SAFETY
	@ @		Connections 80.00kdaN 2769kP
TOUR 3 SIGNATURE OF DRILLER	JOSH GILBER	DEVIATION SUBVEYS	START TIME 20:00 END TIME 24:00
DRILLING ASSEMBLY	MUD RECORD ngth 0.33m Mud Type Water 0il x Other	DEVIATION SURVEYS Time Depth Deviation Direction Type 20:30 3338.05m 89.5 297.9	TIME LOG
IADC Code 1MOTOR HS 127 0	9.01m Time 20:00 22:00 9.32m Density 1220 1225	21:00 3352.68m 88.9 297.7	23.00 23.01 0.50 0A DIRECTIONAL SURVEYS/ CONNECTIONS 23.00 23.30 0.50 0A DIRECTIONAL SURVEYS/ CONNECTIONS 23.00 23.45 0.25 1A HELD MAN DOWN (H28.60° DRILL MEN IN POSTION AND PACKED UP WELL SHUT IN IN 2
Type MMD55C 1GAP SUB 124 67	1.69m Funnel Viscosity 50s/l 49s/ 9.27m Fluid Loss	22:15 3381.93m 90.3 297.4 23:00 3396.55m 91.3 297.9	MINUTES 15 SECONDS 23.45 24.00 0.257 RIG SERVICE /FUNCTION LOWER PIPE RAMS/ 4 SECS TO CLOSE
	9.26m pH co.94m Location of Sample SHAKERS SHAKERS	23:15 3411.18m 91.6 297.4 SOLIDS CONTROL	
Depth In (m) 2175 1xO 136 62	8.75m Depth 3325m 3372m 0.96m PVT 59m3 57m3	Name Run Density Density Den	der Flow ensity
Hrs Run Today 3.00 1x/O 134 61	5.50m CIRCULATION 0.94m Pump# Type Liner Size SPM Pressure Hours Rut	CENTRIFUGE 1.5 1230 1150	1770
Entry Date 2016/04/16 136 4.5" HWDP 114 70 33	0.00m 1 COMBIN- 114 86 23500 4 6.96m 2 COMBIN- 114 86 23500 4 3.25m	MUD MATERIALS ADDED Product Amount	Туре
TI Gage o Drill Pipe Singles	0.00m 1.18m Remarks:	LIME 10 GILSONITE 6	SX SX
MDC Reason Pulled Total 342 LOC Total Run (m/hr) Weight of DC	5.00m DkdaN	NEW VEX 6 NDFT BEADS 2	SX SX
METRES DRILLED HOLE CONDITION	3kdaN		Remarks: FUNCTION TRAVEL STOPS/LIMITS & CROWN SAVER INSPECT TOP DRIVE/ELEVATORS/BALES/ALL OVERHEAD EQUIPMENT-INSPECT NOV ST-80 & ALL DRILL FLOOR EQUIPMENT
From To D-R-C RPM WOB Hole Drag Up 8 Down 3327m 3425m DRILL 55 17kdaN Torque at Bottom 7500	00Nm Pump No. Pressure Strokes/min Depth	Boiler	INSPECT CHOKE LINESHCR SKILL LINES/ CHECK MANIFOLD VALVE ALIGNEMENT-FUNCTION FLARE STACK IGNITER INSPECT ESCAPE BUGGY/MONKEYBOARD SRL SAFETY
Fill on Bottom	0.00m @ @ @	Boiler # Hours Run pH Stack T	SAPE Y Safety Topic MEHL MACP
1.1.3		n I I	DEARION CONNECTIONS 10000000014 250001

License	e No	Well Na	me	FRON	T P/	AGE SI	UMM#	ARY				Y5252	heet Serial 9_2016041 e Location		V Pa	son	ftware Ve	ersion Loc Type	Unique			onth Da	19 1	DAILY C 1) Daily Walk Aron 2) Detailed Inspec 3) H2S Signs Pos	und Inspe ction - We	ection eekly (Using	Check List)	OP F SDK D	A	CA		oc)
Operate ARC RE			HZ PA	RKLAND AS	5-9-81-	-16				ractor CISION D	RILLING, DIV		81-16W6 DCLP			Rig No		OLS Well Type HORIZ	100/14-	08-081	-16W6/00	Re-E	ntry 6	l) Well Licence & 5) Flare Lines Sta 6) BOP Drills Perf 7) Visually Inspecte	ked ormed			SDK D	A A A			
Operato		erator Re	nrecent	tative					82	ractor's Jo	ob No ontractor's F	Rin Man	nager				2	Spud Date 2016/04/10 Rig Release		10			3) Rig Site Health 2) CAODC Rig Sat 3) Mast Inspectio	ety Inspe n before l	ction Check	list (one/rig/m	n) D/		pas	5 <i>01</i>	
	Kashuba	l	2	3	4	5		6	DAVE	E ACHES	ON	10	11	12	13	14	15				18	19	4) Crown Saver C 5) Motor Kills Che	hecked	23		25	A	Kelly Bush	Pason ing 5.98	Op Fuel 2500.00
_	Ri U		Drill ctual	Reaming	Corin	g Cond I & Ci	Mud rc Tri	ips Se	Rig Re ervice	epair (Cut Off	Dev urvey	Wireline	Run Csg & Cement	Wait On Cement			Drillst	em Plu	g Sq	1110070	ishing	Dir Work	Safety Meeting	Tear Down	Waitin On		Other	тот	AL Rig	14000.00	Тетр
Tour Tour	2		2.75			$\overline{}$	1.75 0.75	1.75 8.75	0.25		0.50		3.75				0.	25					0.7						1	2.00 TO CI	05:0 rent Conditions .EAR d Direction	Wind Strength UP TO 19 KM/H
To			2.75				2.50	10.50	0.50		0.50		3.75				0.	25					1.7						_	4.00 Pos	d Condition OOD	C T T T T T T T T T
TOU	UR 1	l 	SIG	NATUR	-	F DRIL RILLIN		SEME	el V	LMIII	D RECO	PD.	JOS	H GILBERT	DEVI	ATION	SUR	VEVS				TIME	E LO	STAR	T TIN	ΛE	00:0	00	END T	IME	0	8:00
ынэ	Bit Nun	nber 4 Size		17	No			0D ID	_	MOL		Туре	Water	0il 🗴			eviation			Туре		From 00:00		Elapsed Cor	$\overline{}$	LL 171mm	Details LATERAL S			uence & Rer	narks	
	IADC (Manufact	urer HA	LIBURT	ON		1 MOTOR I	MONEL	127 (119 7	9.01m 9.32m		Den	, _	01:00 1225	04:00 1230								02:45 03:45	03:45 04:00	1.0020A 0.257	DIRI	ECTIONAL	SURVEYS / FUNCTION				LOSE	
	Seria	l No	D55C	1279523 7 8.7 8.	9 -	I GAP SUE I NM FLEX I NM FLEX	MONEL	124 63 118 69 120 73	9 9.27m	41	Funnel Visco Fluid L	-	49s/l	49s/l								04:00 05:45 06:00	05:45 06:00 07:45	1.755 0.2521 1.756B	SAF	ETY MEE	TING PRIOF HOLE FROI	TO TRIP			251.484/22	I COM
[Depth Out	8	1.7	351		1 X/O 1 5 DP (4.5		120 72 134 6 114 9	1 0.94m	-11	ation of Sam De	iple s	HAKERS 3441m	SHAKERS 3514m	SOLI Equip	=	ONTRO Hours	OL Intake	Over Flo	ow Un	nder Flow	07:45	08:00	0.2521	$\overline{}$		TING/CREW				3514W/32	OUW
To	Depth In	(m)		217 133	9 -	1 XO 1 JARS-HY			2 5.50m	CIRC	CULATIO		59m3	54m3	Nan	ne	Run 2	Density 124	Densit		Density 1770											
	ative Hrs	,	0/04/46	39.2	5 -	1 X/O 1 160 x 4.5		134 6	7 1560.00m	Pump#	COMBINED	114	86 19	sure Hours Run 500 7	MUD	MAT	FRIAI	S ADD	ED													
CUTT	ring S			RE	51	1 36 4.5" H Drill Pipe Drill Pipe	е	Stands Singles	1521.00m		COMBINED	114	86 19	500 7	CLAYTO	ΝE	Product			mount 1	SX											
TO MDC	1 WT		on Pull			Kel	lly Down Total		-9.68m 3514.00m	Remar	ks:				NDFT BE	ADS				2	SX											
BRG	H X RES I		un (m/l	nr) 34.1			ht of DC of String	TION	0kdaN 73kdaN										\dashv					ICTION TRAV					DECT NOV	CT 00 8 ALL	DILL FLOO	D FOLUDATAT
From 3425m	To	D-R-C	RPI	M W0B	Н	ole Drag que at Botto	Up _	8 Do	wn 12 7500.00Nm	D A	lo. Pressur			E D Depth	D							INSPECT	Г СНОКЕ	E LINES/HCR'S	/KILL LII	NES/ CHEC	CK MANIFOL					
					11	II on Botto			0.00m	4I	1 4900 @	2	86 @ @	3484	Boile Boiler		Hours Ru	ın	рH	Stac	ck Temp	SAF			Safety	Topic				MEHL		MACP
	up d											2)	@		í							DERRIC	K CONN	NECTIONS				_		95.00		2960kPa
BITS	UR 2	4	SIG	NATUR	_	F DRIL RILLIN		SEME	SLY	MUE	D RECO	RD	JA	SON GILES	DEVI	ATION	I SUR	VEYS				TIME	E LO	STAR' G	TIN	/IE	08:0	00	END T	IME	2	0:00
		Size	_	17	No 1	Comp 1BIT	onent	0D ID	Length 0 0.19m			Ot	Water her	0il 🗴	Time D	epth De	eviation	Direction		Туре		From 08:00	To 11:00	Elapsed Cor 3.00 6B	$\overline{}$	TINUE TRIF				uence & Rer n, FLOW CKE		5m, 441m, TRIP
ı	IADC (Manufact	urer SM	ITH BPX			1BIT SUB 1FLOAT S 1X/O	UB	120 68 132 68	8 1.58m		11 Den Funnel Visco											11:00	11:15	0.25 21	SAF	ETY MEE	C.=13.89m, TING- REVIE	W COP C	IOP 2-1 W	ITH DISCOV		CTIONAL OUT OF HOLF
	Seria	7,50	T	J1158	٦—	1166 x 4.5 136 4.5" H		114 9	7 1618.50m		Fluid L	· ' -										12:00	12:00	1.00 6A	MAK	E UP 171n		H BIT/BIT S				0 452m, FLOW
	Depth Out									Loc	ation of Sam De	pth			Equip	nent	Hours	Intake	Over Flo		nder Flow	\rightarrow	13:15 13:45	0.2521A 0.509A	REV	IEW COP		RILLING L	INE - FULL			I - FUNCTION
To	Depth In tal Drilled Irs Run To	(m)		0.0	0						CULATION Type Line		SPM Proc	eura Hours Run	Nan	ne	Run	Density	Densit	y I	Density	13:45	14:00	0.25 15B	Accı	ımulator F	PS/LIMITS & unc.Test-Pre /Low Pipe R:	charge=65	600Kpa, St			
Cumul	ative Hrs Entry I	Run Date 201			0					1	,,,,,	114	0	0 0	MUD			S ADE				14:00	18:45	4.75 6A	Rem	ain Press.	= 9200kPa,	Recharge 1	Time=2min	s.58secs. N	bttl.x4 @	
CUT1 TI TO	ING S	STRU	CTU Ga OI	ge		Drill Pipe	е	Stands Singles	0.00m								Product		P	mount	Туре		19:00	0.257		SERVICE	- GREASE &				ORKS	
MDC			on Pull un (m/l	ed			Ily Down Total iht of DC		4.67m 3514.00m	Remar	KS:												_	0.75 5 0.25 21	_		GE SAFETY					
	RES I	ORILL	.ED		H	Weight	of String	TION	73kdaN													INSPECT	TOP DR	ICTION TRAV	S/BALE	S/ ALL OVE	RHEAD EQU	PIMENT-INS				
From	То	D-R-C	RPI	M WOB	Toro	ole Drag que at Botto		Do	iwn		lo. Pressure	e Stro		Depth 2662	Boile	r							TESCA	PE BUGGY/ N				D VALVE A	LIGNEMEN	T-FUNCTION	I FLARE ST	ACK IGNITER
					- Ei	II on Botto	m			J	0	2	@	2002	Boiler	#	Hours Ru	ın	pH	Stac	ck Temp	Trip/BHA		ill Line	Safety	Topic				MEHL 73.00F	daN	MACP 2814kPa
TOI	JR 3	;	SIG	NATURI	E OI	F DRIL	LER						JOS	SH GILBER										STAR	T TIN	ΛE	20:0	00	END T	IME	2	4:00
BITS	Bit Nun	nber			DI No	RILLIN	IG AS			MU	D RECO		Water 🗌	Oil 🔻	DEVI		SUR eviation			Туре		TIM:	E LO	Elapsed Co	ie l		Details	of Operation	ons in Sec	uence & Rer	narke	
		Size	T			1BIT 1BIT SUB	onone	171 (0.19n	11			her	011 [2]						.,,,,		20:00	20:15	0.25 21 2.75 11	SAF		TING PRIOF	TO RUNN	IING LOG	GING TOOLS	3	L NUMBER RT
ı		Гуре				1FLOAT S 1X/O		132 68 132 68	8 0.94n	1	Den Funnel Visco	sity	1230 54s/l			+									SHE	AVE						SHROUD WTI
	Seria	Jets				1166 x 4.5 136 4.5" H		114 9			Fluid L ation of Sam	pH	HAKERS		0011	20.0		01				23:00	24:00	1.00 11	\rightarrow		W/LOGGIN		OGGING TO	IOLS FLOW C	HECK AND N	MONITOR WELL
	Depth Out		_								De		3514m 51m3		Equip Nar	ment	Hours Run	Intake Density	Over Flo Densit		nder Flow Density											
Н	tal Drilled Irs Run To	oday								CIRO Pump#	Type Line		SPM Pres	sure Hours Run																		
	Entry I	Date	CTU	RE		3 Drill Pipe	0	Stande	1550.25n	2		114	_	000 0	MUD		ERIAL Product	S ADE		mount	Туре											
TI TO		JINO	Ga OI	ge		o Drill Pipe		Singles			ks:				BARITE					30	SX											
MDC LOC		Reas Total R	on Pull un (m/l				Total tht of DC		3514.00n															IOTIG::								
BRG MI=T	RES I	D-R-C		M WOB	_	Weight o OLE C ole Drag	of String ONDI		73kdaN		UCED I	PUM	P SPE	ED								INSPECT	TOP DR	ICTION TRAV IVE/ ELEVATOR E LINES/HCR'S	S/BALE	S/ ALL OVE	RHEAD EQU	PIMENT-INS				
				.,,,,	Toro	que at Botto II on Botto	m				lo. Pressur	e Stro	okes/min @	Depth	Boile Boiler		Hours Ru	ın İ	pH	Stan	ck Temp		TESCA	PE BUGGY/ N	IONKE	YBOARD S						
V 4 0					_		_				0		@									RIG UP I	LOGGIN	IG TOOLS	Safety	Topic				90.00F	daN	MACP 2769kPa
V. 1.3																																1 of 2

License 31		Well Nar		FRON		AGE SU	MMA	RΥ				OY5252 Surfac	Sheet Serial 9_2016042 ce Location 81-16W6		Pas	son	BC D	oc Type	Unique W 100/14-0	Year 2016 ell Id 8-081-16W	Month 04 /6/00	Day 20	1) D 2) D 3) H 4) W	aily Walk Aro etailed Inspe 2S Signs Pos /ell Licence & lare Lines Sta	und Inspec ction - Wee ted if Requ Stick Diag	tion ekly (Using C iired	heck List)	DS DA DS DA DS DA DS DA	∄ (CAC	DC
Operate 16DRL0 Signate	SOURCE or's AFE 1034 ire of Ope		resent	ative					PR Coi 82 Sig	ntractor's inature of	Job No Contracto	s, DIV OF P				Rig No) 2	Vell Type HORIZ Spud Date 016/04/10 Rig Releas		1		Re-Entr	y 6) B 7) Vi 1) R 2) C 3) M 4) C	OP Drills Per Isually Inspect ig Site Health AODC Rig Sa fast Inspection rown Saver (formed ed BOPs - F n & Safety N fety Inspec in before Ri Checked	Meeting (one	Degasser Lines /crew/month) st (one/rig/mo vering	DS DA		Pas	
COD		g D	2 Irill tual	3 Reaming	4 Corin	5 Cond Mu & Circ		F	7 Rig	8 Repair	9 Cut Off Drilg Line	10 Dev		12 Run Csg	13 Wait On	14 Nipple Up BOP	15 Test BOP	16 Drillste	17 m Plug	18 Squeez Cemer	ze _{Eichi}		5) M 20 Dir Vork	21 Safety Meeting	22 Tear	23 Waiting On	24 Rig Watch	25 Other	TOTAL	Kelly Bushing 5.98 FUEL @ (0p Fuel 08:00 HOURS 00.00 Boiler 0.00
Tour Tour	r 2	7 70	tuai			- a one	3	.25	0.25 0.25	Rig	Driig Line	Survey	2.00 1.25	6.75 3.75	Cement	DOI	BOI	1631	Daux	Center		- V	VOIR	0.50 0.75	Down	Oil	Watch		8.0 12.0 4.0	Time Current Cone CLEAR Wind Directis	05:00 Z.00 itions n Wind Strength UP TO 19 KM/H
TO	UR 1		SIGI	NATUR	E OI	F DRILL		.50	0.50				3.25 JOS	10.50										1.25	т тім	E	00:00		END TIN		08:00
BITS	Bit Num	ber 5			D I	Compor		∃MB D D	_			CORD Mud Type	Water _	0il x	DEVIA Time De				1	уре		IME I		apsed Co	de		Details o	f Operatio	ns in Sequen	ce & Remarks	
	IADC C Manufacti		гы	17	1	BIT SUB	1	20 68	_	1m		Time Density	ther								$\dashv \Box$	\perp	2:00	2.00 11 0.25 21	CHEC	CK EVERY	20 MIN W/L	OGGING			NE LOGGERS FLOW
		ype 613E		J1158	1	FLOAT SUE X/O 166 x 4.5" E	1	32 68 32 68 14 97		4m	Funnel \					+						2:15 0	2:15 7:30 7:45	5.256B 0.257	TRIP	OUT OF H	OLE FROM	3479M-18			3479M/3250M.
ı	Depth Out	Jets			1	36 4.5" HW	DP 1	14 70	336.96	— 1	ocation of	pH Sample Depth			SOLIE				Over Flow	V Under F		7:45 0	8:00	0.2521	SAFE	TY MEET	NG /CREW	CHANGE	MEETING		
То	Depth In tal Drilled	(m) (m)		351	4					CIR	CULA	PVT			Equipn Nan		Hours Run	Intake Density	Density	Densi											
	Irs Run To ative Hrs I Entry C		3/04/16	0.0	0					Pump	# Type	Liner Size	SPM Pres	0 0	MUD	MATE	RIAL	S ADD	ED												
TI	ring s		Gaç	RIE je		Drill Pipe Drill Pipe		Stands	_	\neg \vdash		114					Product		An	ount Ty	/pe										
MDC LOC	=	Reaso Total Ru	OD In Pulle In (m/h	ed		Kelly Weight	Total		4.67 3514.00		arks:										7										
BRG	RES D	RILL	ĒD			Weight of OLE CO	String	ON	73kda																		& CROWN S		ECT NOV ST-	30 & ALL DRILL I	LOOR EQUIPMENT
From	То	D-R-C	RPN	M WOB	Torq	ue at Bottom	Up	Dov	wn			ssure Str		Depth	Boile						INS		SCAPE	INES/HCR'S BUGGY/ I				VALVE AL	IGNEMENT-F	JNCTION FLAF	E STACK IGNITER
						II on Bottom						@	@		Boiler	#	Hours Ru	n	pH	Stack Ter	ПР	PPING (Safety 1	Горіс			P	MEHL 100.00kdaN	MACP 2769kPa
TO	UR 2		SIGI	NATUR	E OI	F DRILL	ER						JA	SON GILES										STAR	T TIM	E	08:00		END TIN	IE	20:00
BITS	Bit Num				No	Compor	ASS nent (CORD Mud Type		0il 🗴	Time De				1	уре	Fr	$\overline{}$	o Ela	apsed Co	_					ce & Remarks	
	IADC C Manufacti				F			+				Time Density	ther								F	8:00 11	1:15	3.25 6B	FUNC						CKS @ 1596m, Om, 3, ACTUAL=16.13m,
	Serial							+			Funnel \	uid Loss				\pm					$-\Box$	1:30 12	1:30	0.2521 1.2511A	LAY	OUT LOG					
ſ	Depth Out	(m)			F			+		Lo	ocation of	pH Sample Depth			SOLI		NTRO	DL Intake	Over Flow	V Under F	1	_	4:45 5:00	2.00 12A 0.25 21	REVIE	EW COP 3-		MEETING I	PRIOR TO RU	NNING CERT #	FOR SHEAVE S/N
	Depth In tal Drilled	(m)									CUL/				Nam		Run	Density	Density	Densi	ity 1		9:45	4.75 12B	XXm						ITH FIBRE CORD TO
	Irs Run To ative Hrs I Entry D	Run						+		Pump	# Type 1 2	114	O O	O O	i <u> </u>			S ADD				9:45 20	0:00	0.25 21	CREV	V CHANGI	SAFETY	/IEETING/	PLAN FORWA	ARD	
CUT1 TI TO	ring s	TRUC	Gag OD	ge		Drill Pipe		Stands Singles									Product		An	ount Ty	rpe										
MDC		Reaso Total Ru	n Pulle	ed		Weight	Total of DC			Rema	arks:																				
BRG MI=T From	RES D	D-R-C		и WOB		Weight of OLE CO ole Drag	NDIT	ON Dov	um -	D RE	DUCE	D PUM	ID SDE	ED							INS	PECT TO	P DRIVE	/ ELEVATO	RS/BALES	ALL OVER		IMENT-INSF			LOOR EQUIPMENT E STACK IGNITER
110111	10	DITO	10.0	n NOD	Torq	ue at Bottom II on Bottom	ОР		wii			ssure Str	okes/min @	Depth	Boiler Boiler		Hours Ru	n l	pH	Stack Ter	INS		SCAPE	BUGGY/	MONKEY	BOARD SE		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
					_							@	@								Trip	/Pump N	Maintena	ance/Logs/	Safety 1 Casing	Горіс			ı	67.00kdaN	MACP 2769kPa
TO	UR 3		SIGI	NATUR		F DRILL		EMP	ol V	BALL	ID DE	CORD	JOS	SH GILBER	DEVI	STION	CIID	VEVS				IME I	1.00	STAR	т тім	E	20:00		END TIN	IE	24:00
ыго	Bit Num	ber			No		nent (Mud Type	Water	0il 🗴	Time De				1	уре	Fr	om T		apsed Co	$\overline{}$	SERVICE,	Details o			ce & Remarks	
	IADC C Manufacti	ırer			L			+			Funnel	Time Density	20:00								2	0:15 24	4:00	3.75 12B	RUN	CASING, 1	0 MIN FLO	W CHK @	610M		
	Serial	No Jets										uid Loss pH	58s/l			+															
[Depth Out Depth In				L			+		Lo	ocation of	Sample S Depth PVT	3514m 40m3		SOLII Equipr Nan	nent	Hours Run	Intake Density	Over Flow Density	Under F Densi											
	tal Drilled Irs Run To	(m)						+		CIR	# Type	TION	SPM Pres	sure Hours Rur	Ivaii	ic	nun	Delisity	Delisity	Della	ity										
	ative Hrs I	ate	\	DE		D. III Dir.		211-			1 2	140 127	0	0 0	MUD		RIAL Product	S ADD		ount Ty	/De										
TI TO	TING S	ATRUC	Gag OD	ge		Drill Pipe Drill Pipe Kelly		Stands Singles		Rema	arks:								, 41	-	#										
MDC LOC BRG		Reaso Total Ru	n Pulle in (m/h			Weight Weight of				+										+		marke	ELINIO	ION TO A	EI STOP	SA IMPE	& CROWN S	SAVED			
	RES D	D-R-C		M WOB		OLE CO			wn			D PUM								+	INS	PECT TO	P DRIVE	/ ELEVATO	RS/ BALES	ALL OVER	HEAD EQUP	IMENT-INSF			LOOR EQUIPMENT
						ue at Bottom II on Bottom				Pump	No. Pre	ssure Str	okes/min @ @	Depth	Boiler Boiler		Hours Ru	n	pH	Stack Ter	e	AFET		BUGGY/	Safety 1		RL			MEHL	MACP
V. 1.3					1							@	@								RU	N CASIN	IG		oaidly	JPIU				32.00kdaN	2769kPa

License 31		Well Na		FRON			SUMM.	ARY				OY5252 Surfac	heet Serial 9_2016042 be Location 81-16W6		Pas	son	BC [Loc Type DLS		Well Id	016	onth D	21 1 2 3 4	DAILY C) Daily Walk An) Detailed Inspi) H2S Signs Po) Well Licence) Flare Lines Si	ound Inspe ection - We sted if Req & Stick Dia	ction ekly (Using C uired		DS DA DS DA DS DA DS DA	<u> </u>	CA	DC
Operato 16DRL0	SOURCE or's AFE 1034 ire of Ope		present	ative					PR Co 82 Siç	ntractor's	Job No Contract	G, DIV OF P or's Rig Mar				Rig No 529	2	Well Type HORIZ Spud Date 2016/04/10 Rig Releas 2016/04/21	14:00 e Date Ti	me		Re-E	ntry 6 7) BOP Drills Per) Visually Inspec) Rig Site Healt) CAODC Rig Si) Mast Inspecti) Crown Saver	rformed ted BOPs - h & Safety afety Insper on before F Checked	Meeting (one	e/crew/month	IS DS DA) as	ason
COD	E 1	g	2 Drill ctual	Reaming	4 Coring	g Cond	Mud Tei	ino	7 Rig Service	8 Repair	9 Cut Off Drilg Line			12 Run Csg & Cement	13 Wait On Cement	14 Nipple U BOP	15	16	1	ug So	18 queeze ement	19 Fishing	20 Dir Work) Motor Kills Ch 21 Safety Meeting	22 Tear Down	23 Waiting On	24 Rig Watch	25 Other	TOTAL	Rig 13	08:00 HOURS 8000.00 Boiler 0.00
HOURS Toui	r 2					+	4.00	+	0.25 0.25 0.50					7.25 6.50 0.50 14.25		3.2								0.50 1.25 0.25 2.00					8.0 12.0 4.0 24.0	O CLEAR Wind Dire SW	05:00 2.00 snditions 2 tion Wind Strength UP TO 19 KM/H
TO	UR 1		SIGI	NATUR	E OF	F DRI	LLER						JOS	H GILBERT										STAR	T TIM	IE	00:0	00	END TIM	/IE	08:00
BITS	Bit Num	nber			No		NG AS	_				CORD Mud Type Ot	Water	Oil 🗴			N SUR eviation			Туре		From 00:00	To 00:15	Elapsed Co	$\overline{}$	SERVICE F			ons in Sequer		is .
	IADC C Manufacti	ode										Time Density Viscosity										00:15 01:00 01:15	01:00 01:15 07:45	0.7512E 0.2521 6.5012E	B RUN SAFI	CASING ETY MEETI	ING ON RU	INNING CA	SING, COP	3-1	OF L-80/SLF/139mm
	Serial										FI	luid Loss pH											08:00	0.2521	34 K	G/M CASIN	NG FROM 1 E HANDOV	408M- 256	8M.	N 161 JOINTS	OF E-80/SEF/139IIIII
	Depth Out Depth In	(m)									ocation of	Depth PVT			Equipr Nan	nent	Hours Run	Intake Density	Over F Dens		nder Flow Density										
F	tal Drilled Irs Run To ative Hrs I	day								Pumpi	_	Liner Size	SPM Pres	sure Hours Run																	
CUT1	Entry D		CTU Ga			Drill Pi		Stand	_		2	127	0	0 0	MUD	MAT	Product	S ADD		Amount	Туре										
TO MDC LOC			00 on Pullo on (m/h	ed			elly Down Total ight of DC			Rema	arks:																				
BRG	RES D	RILL				Weigh	of String			DE DE	DUCE	ED PUM	D SDE	ED								INSPECT	TOP DRI		RS/ BALES	S/ ALL OVER	RHEAD EQUE	PIMENT-INSI			FLOOR EQUIPMENT
From	То	D-K-C	RPI	W WUB	Torq	ole Drag jue at Bot II on Bott	om		Jown [essure Stro	okes/min @	Depth	Boile:		Hours Ru	ın	pH	Stad	ck Temp		T ESCA	PE BUGGY/	MONKEY	BOARD SF		J VALVE AL			ARE STACK IGNITER
												@	@									OPERAT	TING HY	DRAULIC CA	Safety	Topic				MEHL	MACP 2769kPa
TO	UR 2	:	SIG	NATUR	_		LLER NG AS	SEMI	BLY	Тмu	ID RE	CORD	JA	SON GILES	DEVI	ATIO	N SUR	VEYS				ТІМІ	E LOC	STAR	T TIM	IE	08:0	00	END TIN	/IE	20:00
	Bit Num	Size			No		ponent			h		Mud Type Ot Time	her	0il 🗴			eviation			Type		From 08:00		Elapsed Co 4.75 128	5 1/2		ELEVATOR	RS, SN-114		IUE RUNNIN	G 161 JOINTS OF
	Manufacti T	urer Type									Funnel	Density Viscosity	15:00 1240 54s/l									12:45	13:00	0.25 7 4.00 5	RIG :	SERVICE F	SING @ 3	TED UPPER	ROM 2568M R HCR 2 SEC	T/OPEN	
	Serial	Jets								Lo		luid Loss pH f Sample	HAKERS		SOLI	os co	ONTR	0L				17:00	18:00	1.75 120	LINE	S/PRESSU	JRE TEST				MENT CASING - FILL 3 OF-1L, 2.5m3 Scav
	Depth Out Depth In tal Drilled	(m)								CIR	CUL/	Depth PVT	3514m 40m3		Equipr Nan		Hours Run	Intake Density	Over F Dens		nder Flow Density				0.6%	TDH-2 + 0		, 39.85m³ (um 1500+ 0.2 49.25 t) Gas		4% AFA-6 + 0.2% AFA-6 +
	Irs Run To ative Hrs I Entry D	Run								Pumpi	# Type 1SINGL 2SINGL		0 2	sure Hours Run 2450 0 2450 2	i <u> </u>	MAT	ERIAL	S ADD	ED			19:45	20:00	0.25 21	SAFI	ETY MEETI	ING/CREW	CHANGE	MEETING/ME	ETING ON C	EMENT CASING
CUTT TI TO	ring s		CTU Gag OE	ge		Drill Pi	ре	Stand									Product			Amount	Туре										
MDC LOC			on Pulli un (m/h	ed		We	Total ight of DC			Rema	arks: CIR	CULATE CA	ASING @ 3	514m																	
BRG MI=T From	RES D	D-R-C		M WOB			t of String ONDI					ED PUM										INSPECT INSPEC	TOP DRI	LINES/HCR	RS/BALE: S/KILL LIN	S/ ALL OVER	RHEAD EQUE	PIMENT-INSI			FLOOR EQUIPMENT
						ue at Bot II on Bott				Pump	No. Pre	essure Stro	@ @	Depth	Boiler Boiler		Hours Ru	ın	pН	Stac	ck Temp	SAF		PE BUGGY/	MONKEY Safety		RL			MEHL	MACP
TO	UR 3		SIG	NATURI	E OF	E DRI	IIER					@	@ SYLVAIN A	DOENALII								Casing/0	Cement	STAR	T TIM	IE .	20:0	00	END TIM	70.00kdaN	2769kPa 24:00
BITS			-			RILLI	NG AS					CORD Mud Type			DEVIA					Type		TIM From	E LOC						ons in Sequer		
		Size ode					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						23:00 1240									20:00	$\overline{}$	0.50120	0.1L/	m³ DF-1 H2	ASING Dro 2O, 19.0m ³	p plug & Di	splace with 3	3.61m³ + 3L/n e, Bump plug	n³ TriCorr-132 + 7000 over FCP
	T Serial	ype I No										Viscosity luid Loss	1240										20:45 24:00	0.25 21 3.25 14E	SAFI	ETY MEETI	ING ON NIF	PPLE DOW	loats held, W N BOP D @ 2359 HF		16
[Depth Out	Jets (m)								Lo	ocation of	Depth			Equipr	nent	ONTR Hours	Intake	Over F		nder Flow										
	Depth In tal Drilled Irs Run To	(m)								CIR		PVT ATION Liner Size	SPM Pres	sure Hours Run	CENTRIF		Run	Density	Dens	o o	Density 0										
	ative Hrs I Entry D	Date	CTU	RE		Drill Pi	ne	Stand	ls		2	140 127	0	0 0	MUD		ERIAL Product	S ADD		Amount	Туре										
TI TO MDC			Gag OE on Pulle	ge DC		Drill Pi		Single		Rema	arks:																				
LOC BRG	DE0-	Total R	un (m/t			Weigh	ight of DC t of String																	CTION TRA	_						E1 000
From	To	D-R-C		M WOB	Ho	ole Drag que at Bot	Up _)own			ED PUM essure Stro	okes/min	⊒ D Depth	Boile	·						INSPECTINSPECT	T CHOKE		S/KILL LIN	NES/ CHECK	K MANIFOLE				FLOOR EQUIPMENT ARE STACK IGNITER
					Fil	ll on Bott	om			╚		@ @	@ @		Boiler		Hours Ru	ın	pН	Stac	ck Temp	CEMEN			Safety	Topic				MEHL 70.00kdaN	MACP 2769kPa
V. 1.3																															