

FRONT PAGE SUMMARY

License No 31605 Well Name ARGRES HZ PARKLAND B05-09-081-16
 Tour Sheet Serial Number 052529_20160422_1B Pason Vendor Software Version Year 2016 Month 04 Day 22
 Surface Location 05-09-081-16W6 Prov BC Loc Type DLS Unique Well Id 10214-08-081-16W6/00
 Operator ARC RESOURCES Contractor PRECISION DRILLING, DIV OF PDCLP Rig No 529 Well Type HORIZ Re-Entry
 Operator's AFE 16DRLO035 Contractor's Job No 83 Spud Date Time 2016/04/22 19:15
 Signature of Operator Representative Doug Shea Signature of Contractor's Rig Manager DAVE ACHESON Rig Release Date Time

DAILY CHECKS

1) Daily Walk Around Inspection	OS	DA
2) Detailed Inspection - Weekly (Using Check List)	OS	DA
3) H2S Signs Posted if Required	OS	DA
4) Well License & Stick Diagram Posted	OS	DA
5) Flare Lines Staked		
6) BOP Drills Performed		
7) Visually Inspected BOPs - Flare Lines & Degasser Lines		

1) Rig Site Health & Safety Meeting (one/crew/month)
 2) CAODC Rig Safety Inspection Checklist (one/rig/month)
 3) Mast Inspection before Raising or Lowering
 4) Crown Saver Checked
 5) Motor Kills Checked



CODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	TOTAL
Hours	0.75	0.75					1.25													0.25	7.00					8.00
Tour 1																										
Tour 2	9.00																			1.00						12.00
Tour 3		3.00																		0.75						4.00
Total	9.75	3.75					1.25	0.25												0.75	1.25	7.00				24.00

FUEL @ 08:00 HOURS

Rig 31000.00 Meter 0.00
 Time 05:00 Temp 2.00
 Weather CLEAR
 Wind Direction SW Wind Strength UP TO 19 KM/H
 Road Condition GOOD

TOUR 1 SIGNATURE OF DRILLER SYLVAIN ARSENAULT **START TIME** 00:00 **END TIME** 08:00

BITS		DRILLING ASSEMBLY			MUD RECORD		DEVIATION SURVEYS				TIME LOG							
Bit Number		No	Component	OD	ID	Length	Time	Depth	Deviation	Direction	Type	From	To	Elapsed	Code	Details of Operations in Sequence & Remarks		
Size		1	BIT	279	0	0.22m	Density					06:00	06:00	6.00	22	INSTALL WELLHEAD/CLEAN TANKS AND TEAR OUT RIG AND PREP TO WALK TO NEXT WELL		
IADC Code			MOTOR	204	0	8.81m	Funnel Viscosity					06:00	06:15	0.25	21	SAFETY MEETING PRIOR TO WALKING RIG TO B WELL		
Manufacturer			crossover sub	164	72	0.79m	Fluid Loss					06:15	07:00	0.75	1C	WALK RIG TO B WELL (10 M)		
Type			NON MAG SLICK MONE	165	73	9.22m	pH					07:00	08:00	1.00	22A	SPOT CATWALK, MANIFOLD SHACK AND RIG IN FLARE AND DEGASSER LINES		
Serial No			GAP SUB	165	80	1.68m	Location of Sample											
Jets			NON MAG SLICK MONE	165	72	9.13m	Depth											
Depth Out (m)			JARS-HYD/MECH	166	71	5.49m	PVT											
Depth In (m)			X/O	158	71	0.90m												
Total Drilled (m)			HWDP	114	71	9.36m												
Hrs Run Today																		
Cumulative Hrs Run																		
Entry Date																		
CUTTING STRUCTURE		HOLE CONDITION		REDUCED PUMP SPEED		SAFETY												
TI		Gage	Hole Drag	Up	Down	Pump No.	Pressure	Strokes/min	Depth	Boiler #	Hours Run	pH	Stack Temp	Safety Topic			MEHL	MACP
TO		ODC	Torque at Bottom			@	@	@	@									
MDC		Reason Pulled	Fill on Bottom			@	@	@	@									
LOC		Total Run (m/hr)				@	@	@	@									
BRG		Weight of DC				@	@	@	@									
		Weight of String																

TOUR 2 SIGNATURE OF DRILLER MITCH ARSENAULT **START TIME** 08:00 **END TIME** 20:00

BITS		DRILLING ASSEMBLY			MUD RECORD		DEVIATION SURVEYS				TIME LOG							
Bit Number	1	No	Component	OD	ID	Length	Time	Depth	Deviation	Direction	Type	From	To	Elapsed	Code	Details of Operations in Sequence & Remarks		
Size	279	1	BIT	279	0	0.22m	Density	18.00				08:00	08:15	0.25	21	SAFETY MEETING PRIOR TO SPOTTING MANIFOLD AND CATWALK RIG IN FLARE AND DEGASSER LINES.		
IADC Code			MOTOR	204	0	8.81m	Funnel Viscosity	1000				08:15	10:00	1.75	1	SPOT CATWALK/MANIFOLD SHACK AND RIG IN FLARE AND DEGASSER LINES.		
Manufacturer	SICOTTE		crossover sub	164	72	0.79m	Fluid Loss	29s/l				10:00	10:15	0.25	21	SAFETY MEETING REVIEW COP ON SKIDDING RIG/SIMOPS/SPOT BUILDINGS.		
Type	SS516GB		NON MAG SLICK MONE	165	73	9.22m	pH					10:15	17:30	7.25	1	RIG UP AFTER RIG SKID/PERFORM DROPS INSPECTION EVERYTHING LOOKS GOOD. (D.A M.A)		
Serial No	12806		GAP SUB	165	80	1.68m	Location of Sample	TANKS				17:30	17:45	0.25	21	SAFETY MEETING WITH DIRECTIONAL		
Jets	14.3 14.3 14.3 14.3		NON MAG SLICK MONE	165	72	9.13m	Depth					17:45	19:00	1.25	1C	PICK UP BHA,BIT MOTOR MONELS _JARS		
Depth Out (m)	14.3 14.3 14.3		JARS-HYD/MECH	166	71	5.49m	PVT					19:00	19:15	0.25	21	SAFETY MEETING/PRE-SPUD MEETING		
Depth In (m)	0		X/O	158	71	0.90m						19:15	20:00	0.75	2	DRILL 279MM HOLE FROM 0M TO 72M		
Total Drilled (m)	72		HWDP	114	71	9.36m												
Hrs Run Today	0.25																	
Cumulative Hrs Run	0.25																	
Entry Date	2016/04/22																	
CUTTING STRUCTURE		HOLE CONDITION		REDUCED PUMP SPEED		SAFETY												
TI		Gage	Hole Drag	Up	Down	Pump No.	Pressure	Strokes/min	Depth	Boiler #	Hours Run	pH	Stack Temp	Safety Topic			MEHL	MACP
TO		ODC	Torque at Bottom			@	@	@	@									
MDC		Reason Pulled	Fill on Bottom			@	@	@	@									
LOC		Total Run (m/hr)				@	@	@	@									
BRG		Weight of DC				@	@	@	@									
		Weight of String																

TOUR 3 SIGNATURE OF DRILLER SYLVAIN ARSENAULT **START TIME** 20:00 **END TIME** 24:00

BITS		DRILLING ASSEMBLY			MUD RECORD		DEVIATION SURVEYS				TIME LOG							
Bit Number	1	No	Component	OD	ID	Length	Time	Depth	Deviation	Direction	Type	From	To	Elapsed	Code	Details of Operations in Sequence & Remarks		
Size	279	1	BIT	279	0	0.22m	Density					20:00	23:00	3.00	2	DRILL 279MM HOLE FROM 72M TO 292M		
IADC Code			MOTOR	204	0	8.81m	Funnel Viscosity					23:00	23:45	0.75	20	DIRECTIONAL WORK/WORK PIPE CONNECTION TIME		
Manufacturer	SICOTTE		crossover sub	164	72	0.79m	Fluid Loss					23:45	24:00	0.25	7	RIG SERVICE SERVICE TOP DRIVE/FUNC TESTED CROWN SAVER AND ALL TRAVEL STOPS. OK		
Type	SS516GB		NON MAG SLICK MONE	165	73	9.22m	pH											
Serial No	12806		GAP SUB	165	80	1.68m	Location of Sample											
Jets	14.3 14.3 14.3 14.3		NON MAG SLICK MONE	165	72	9.13m	Depth											
Depth Out (m)	14.3 14.3 14.3		JARS-HYD/MECH	166	71	5.49m	PVT											
Depth In (m)	0		X/O	158	71	0.90m												
Total Drilled (m)	292		HWDP	114	71	9.36m												
Hrs Run Today	3.00																	
Cumulative Hrs Run	3.25																	
Entry Date	2016/04/22																	
CUTTING STRUCTURE		HOLE CONDITION		REDUCED PUMP SPEED		SAFETY												
TI		Gage	Hole Drag	Up	Down	Pump No.	Pressure	Strokes/min	Depth	Boiler #	Hours Run	pH	Stack Temp	Safety Topic			MEHL	MACP
TO		ODC	Torque at Bottom			@	@	@	@									
MDC		Reason Pulled	Fill on Bottom			@	@	@	@									
LOC		Total Run (m/hr)				@	@	@	@									
BRG		Weight of DC				@	@	@	@									
		Weight of String																

FRONT PAGE SUMMARY

License No 31605 Well Name ARCRES HZ PARKLAND B05-09-081-16
Tour Sheet Serial Number 05-25229_20160423_1A
Vendor Software Version Pason
Year 2016 Month 04 Day 23
Surface Location 05-09-081-16W6
Prov BC Loc Type DLS Unique Well Id 102-14-08-081-16W6/00
Operator ARC RESOURCES
Contractor PRECISION DRILLING, DIV OF PDCLP
Rig No 529
Well Type HORIZ
Signature of Operator Representative Doug Shea
Signature of Contractor's Rig Manager DAVE ACHESON
Rig Release Date Time

DAILY CHECKS

1) Daily Walk Around Inspection
2) Detailed Inspection - Weekly (Using Check List)
3) H2S Signs Posted if Required
4) Well License & Stick Diagram Posted
5) Flare Lines Staked
6) BOP Drills Performed
7) Visually Inspected BOPs - Flare Lines & Degasser Lines
1) Rig Site Health & Safety Meeting (one/crew/month)
2) CAODC Rig Safety Inspection Checklist (one/rig/month)
3) Mast Inspection before Raising or Lowering
4) Crown Saver Checked
5) Motor Kills Checked



Table with 25 columns (CODE 1-25) and 10 rows (HOURS 1-10). Columns include Rig Up, Drill Actual, Reaming, Coring, Concl Mud & Circ, Trips, Rig Service, Repair Rig, Cut Off Drill Log, Dev Survey, Wireline Logs, Run Csg & Cement, Wait On Cement, Nipple Up BOP, Test BOP, Drillstem Test, Plug Back, Squeeze Cement, Fishing, Dir Work, Safety Meeting, Tear Down, Waiting On, Rig Watch, Other, TOTAL. Includes FUEL @ 08:00 HOURS and WEATHER section.

TOUR 1 SIGNATURE OF DRILLER SYLVAIN ARSENAULT START TIME 00:00 END TIME 08:00

TOUR 1 BITS, DRILLING ASSEMBLY, MUD RECORD, DEVIATION SURVEYS, TIME LOG, SOLIDS CONTROL, CIRCULATION, MUD MATERIALS ADDED, CUTTING STRUCTURE, METRES DRILLED, HOLE CONDITION, REDUCED PUMP SPEED, Boiler. Includes detailed data for bit components, mud properties, deviation surveys, and time logs.

TOUR 2 SIGNATURE OF DRILLER MITCH ARSENAULT START TIME 08:00 END TIME 20:00

TOUR 2 BITS, DRILLING ASSEMBLY, MUD RECORD, DEVIATION SURVEYS, TIME LOG, SOLIDS CONTROL, CIRCULATION, MUD MATERIALS ADDED, CUTTING STRUCTURE, METRES DRILLED, HOLE CONDITION, REDUCED PUMP SPEED, Boiler. Includes detailed data for bit components, mud properties, deviation surveys, and time logs.

TOUR 3 SIGNATURE OF DRILLER SYLVAIN ARSENAULT START TIME 20:00 END TIME 24:00

TOUR 3 BITS, DRILLING ASSEMBLY, MUD RECORD, DEVIATION SURVEYS, TIME LOG, SOLIDS CONTROL, CIRCULATION, MUD MATERIALS ADDED, CUTTING STRUCTURE, METRES DRILLED, HOLE CONDITION, REDUCED PUMP SPEED, Boiler. Includes detailed data for bit components, mud properties, deviation surveys, and time logs.

FRONT PAGE SUMMARY

License No 31605 Well Name ARCREES HZ PARKLAND B05-09-081-16
 Tour Sheet Serial Number 052529_20160424_1A Vendor Software Version Pason
 Surface Location 05-09-081-16W6 Prov BC Loc Type DLS Unique Well Id 102-14-08-081-16W6/00
 Operator ARC RESOURCES Contractor PRECISION DRILLING, DIV OF PDCLP Rig No 529 Well Type HORIZ
 Operator's AFE 16DRLO035 Contractor's Job No 83
 Signature of Operator Representative Doug Shea Signature of Contractor's Rig Manager DAVE ACHESON

DAILY CHECKS

- 1) Daily Walk Around Inspection
- 2) Detailed Inspection - Weekly (Using Check List)
- 3) H2S Signs Posted if Required
- 4) Well Licence & Stock Diagram Posted
- 5) Flare Lines Staked
- 6) BOP Drills Performed
- 7) Visually Inspected BOPs - Flare Lines & Degasser Lines
- 1) Rig Site Health & Safety Meeting (one/crew/month)
- 2) CAODC Rig Safety Inspection Checklist (one/rig/month)
- 3) Mast Inspection before Raising or Lowering
- 4) Crown Saver Checked
- 5) Motor KILLS Checked



CODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	TOTAL	FUEL @ 08:00 HOURS	WEATHER			
	Rig Up	Drill Actual	Reaming	Coring	Cond Mud & Circ	Trips	Rig Service	Repair Rig	Cut Off Drill Log	Dev Survey	Wireline Logs	Run Csg & Cement	Wait On Cement	Nipple Up BOP	Test BOP	Drillstem Test	Plug Back	Squeeze Cement	Fishing	Dir Work	Safety Meeting	Tear Down	Waiting On	Rig Watch	Other		Time	Temp	Wind Direction	Wind Strength	Well Condition
Tour 1		2.25					1.75									1.75					1.25	1.00				8.00	23000.00	05:00	2.00	CLEAR	
Tour 2		8.75					0.50														2.25	0.50				12.00				SW	
Tour 3		3.25					0.25														0.50					4.00				UP TO 19 KM/H	
Total		14.25					1.75	0.75							1.75						4.00	1.50				24.00				GOOD	

TOUR 1 SIGNATURE OF DRILLER SYLVAIN ARSENAULT **START TIME** 00:00 **END TIME** 08:00

BITS				DRILLING ASSEMBLY				MUD RECORD				DEVIATION SURVEYS				TIME LOG												
Bit Number: 2	Size: 200	IADC Code: 200	Manufacturer: HALIBURTON	No: 1	Component: BIT	OD: 200	ID: 0	Length: 0.28m	Mud Type: Water	Other: Oil	Time: 00:30	Density: 1230	Funnel Viscosity: 30s/l	Fluid Loss: 0.00	pH: 11.00	Location of Sample: SHAKERS	Time: 04:15	Depth: 492.47m	Deviation: 1.4	Direction: 238	From: 00:00	To: 01:30	Elapsed: 1:50	Code: 15A	Details of Operations in Sequence & Remarks			
CUTTING STRUCTURE				HOLE CONDITION				REDUCED PUMP SPEED				SAFETY																
MUD MATERIALS ADDED				CIRCULATION				BOILER				REMARKS																

TOUR 2 SIGNATURE OF DRILLER MITCH ARSENAULT **START TIME** 08:00 **END TIME** 20:00

BITS				DRILLING ASSEMBLY				MUD RECORD				DEVIATION SURVEYS				TIME LOG												
Bit Number: 2	Size: 200	IADC Code: 200	Manufacturer: HALIBURTON	No: 1	Component: BIT	OD: 200	ID: 0	Length: 0.28m	Mud Type: Water	Other: Oil	Time: 08:00	Density: 1230	Funnel Viscosity: 31s/l	Fluid Loss: 0.00	pH: 11.00	Location of Sample: SHAKERS	Time: 08:30	Depth: 755.72m	Deviation: 0.1	Direction: 197.7	From: 08:00	To: 08:15	Elapsed: 0:25	Code: 21A	Details of Operations in Sequence & Remarks			
CUTTING STRUCTURE				HOLE CONDITION				REDUCED PUMP SPEED				SAFETY																
MUD MATERIALS ADDED				CIRCULATION				BOILER				REMARKS																

TOUR 3 SIGNATURE OF DRILLER SYLVAIN ARSENAULT **START TIME** 20:00 **END TIME** 24:00

BITS				DRILLING ASSEMBLY				MUD RECORD				DEVIATION SURVEYS				TIME LOG												
Bit Number: 2	Size: 200	IADC Code: 200	Manufacturer: HALIBURTON	No: 1	Component: BIT	OD: 200	ID: 0	Length: 0.28m	Mud Type: Water	Other: Oil	Time: 20:00	Density: 1240	Funnel Viscosity: 1240	Fluid Loss: 0.00	pH: 11.00	Location of Sample: SHAKERS	Time: 20:15	Depth: 1369.97m	Deviation: 0.5	Direction: 136.3	From: 20:00	To: 20:15	Elapsed: 0:15	Code: 3.25	Details of Operations in Sequence & Remarks			
CUTTING STRUCTURE				HOLE CONDITION				REDUCED PUMP SPEED				SAFETY																
MUD MATERIALS ADDED				CIRCULATION				BOILER				REMARKS																

FRONT PAGE SUMMARY

License No 31605 Well Name ARCREHS HZ PARKLAND B05-09-081-16 Operator ARC RESOURCES

DAILY CHECKS 1) Daily Walk Around Inspection 2) Detailed Inspection - Weekly (Using Check List)



Table with 25 columns (CODE 1-25) and 10 rows (TOUR 1-3, Total). Columns include Rig Up, Drill Actual, Reaming, Coring, etc.

TOUR 1 SIGNATURE OF DRILLER SYLVAIN ARSENAULT START TIME 00:00 END TIME 08:00

TOUR 1 BITS, DRILLING ASSEMBLY, MUD RECORD, DEVIATION SURVEYS, TIME LOG, CUTTING STRUCTURE, METRES DRILLED, HOLE CONDITION, REDUCED PUMP SPEED, SOLIDS CONTROL, MUD MATERIALS ADDED, SAFETY

TOUR 2 SIGNATURE OF DRILLER MITCH ARSENAULT START TIME 08:00 END TIME 20:00

TOUR 2 BITS, DRILLING ASSEMBLY, MUD RECORD, DEVIATION SURVEYS, TIME LOG, CUTTING STRUCTURE, METRES DRILLED, HOLE CONDITION, REDUCED PUMP SPEED, SOLIDS CONTROL, MUD MATERIALS ADDED, SAFETY

TOUR 3 SIGNATURE OF DRILLER SYLVAIN ARSENAULT START TIME 20:00 END TIME 24:00

TOUR 3 BITS, DRILLING ASSEMBLY, MUD RECORD, DEVIATION SURVEYS, TIME LOG, CUTTING STRUCTURE, METRES DRILLED, HOLE CONDITION, REDUCED PUMP SPEED, SOLIDS CONTROL, MUD MATERIALS ADDED, SAFETY

FRONT PAGE SUMMARY

License No 31605 Well Name ARCREH HZ PARKLAND B05-09-081-16

Tour Sheet Serial Number 052529_20160426_1D Vendor Software Version Pason Year 2016 Month 04 Day 26

DAILY CHECKS 1) Daily Walk Around Inspection 2) Detailed Inspection - Weekly (Using Check List) 3) H2S Signs Posted if Required 4) Well License & Stick Diagram Posted 5) Flare Lines Staked 6) BOP Drills Performed 7) Visually Inspected BOPs - Flare Lines & Degasser Lines 8) BOP Drills Performed



Operator ARC RESOURCES Contractor PRECISION DRILLING, DIV OF PDCLP Rig No 529 Well Type HORIZ Spud Date Time 2016/04/22 19:15 Signature of Operator Representative Dan Meyer Signature of Contractor's Rig Manager DAVE ACHESON

OP RM 1) Daily Walk Around Inspection 2) Detailed Inspection - Weekly (Using Check List) 3) H2S Signs Posted if Required 4) Well License & Stick Diagram Posted 5) Flare Lines Staked 6) BOP Drills Performed 7) Visually Inspected BOPs - Flare Lines & Degasser Lines 8) BOP Drills Performed 9) Rig Site Health & Safety Meeting (one/crew/month) 10) CAODC Rig Safety Inspection Checklist (one/rig/month) 11) Mast Inspection before Raising or Lowering 12) Crown Saver Checked 13) Motor Kills Checked

Table with 25 columns (CODE 1-25) and 10 rows (TOUR 1-3, Total). Columns include Rig Up, Drill Actual, Reaming, Coring, Connd Mud & Circ, Trips, Rig Service, Repair Rig, Cut Off Drill Log, Dev Survey, Wireline Logs, Run Csg & Cement, Wait On Cement, Nipple Up BOP, Test BOP, Drillstem Test, Plug Back, Squeeze Cement, Fishing, Dir Work, Safety Meeting, Tear Down, Waiting On, Rig Watch, Other, TOTAL. Includes FUEL @ 08:00 HOURS and WEATHER section.

TOUR 1 SIGNATURE OF DRILLER SYLVAIN ARSENAULT START TIME 00:00 END TIME 08:00

TOUR 1 Data Section: BITS (Bit Number 3, Size 200, IADC Code, Manufacturer HALIBURTON, Type MMD64M, Serial No 12784218, Jets 7.9, 7.9, 7.9, 11.1, Depth Out (m) 11.1, 11.1, Depth In (m) 1702, Total Drilled (m) 83, Hrs Run Today 3.50, Cumulative Hrs Run 3.50, Entry Date 2016/04/25), DRILLING ASSEMBLY (No 48, Component Drill Pipe, OD 140.00m, ID 140.00m, Length 140.00m, Kelly Down -10.62m, Total 1785.00m, Weight of DC, Weight of String), MUD RECORD (Mud Type Water, Other, Time 04:00, Density 1160, Funnel Viscosity 31s/l, Fluid Loss, pH, Location of Sample SHAKERS, Depth 1715m, PVT 70m3), DEVIATION SURVEYS (Time 03:45, Depth 1706.49m, Deviation 7.2, Direction 17.2, Type, 04:30 1721.12m 10.2 14.4, 05:15 1735.74m 13.1 7, 06:00 1750.37m 15 1.4, 06:45 1764.99m 16.5 357.1), TIME LOG (From 00:00, To 01:00, Elapsed 1.00, Code 8A, Details of Operations in Sequence & Remarks: TRIP IN HOLE FILL PIPE @ 470M, 1270M), SOLIDS CONTROL (Equipment Name CENTRIFUGE, Hours Run 8, Intake Density 1160, Over Flow Density 1160, Under Flow Density 1800), MUD MATERIALS ADDED (REACTION 1 EACH, REDUCTION 5 EACH, PREVENTION 2 EACH, ALKALIME 5 EACH), HOLE CONDITION (Hole Drag Up 4, Down 4, Torque at Bottom 7000.00Nm, Fill on Bottom 0.00m), REDUCED PUMP SPEED (Pump No., Pressure, Strokes/min, Depth), Boiler (Boiler #, Hours Run, pH, Stack Temp).

TOUR 2 SIGNATURE OF DRILLER MITCH ARSENAULT START TIME 08:00 END TIME 20:00

TOUR 2 Data Section: BITS (Bit Number 3, Size 200, IADC Code, Manufacturer HALIBURTON, Type MMD64M, Serial No 12784218, Jets 7.9, 7.9, 7.9, 11.1, Depth Out (m) 11.1, 11.1, Depth In (m) 1702, Total Drilled (m) 229, Hrs Run Today 10.00, Cumulative Hrs Run 13.50, Entry Date 2016/04/25), DRILLING ASSEMBLY (No 32, Component Drill Pipe, OD 1521.00m, ID 1521.00m, Length 1521.00m, Kelly Down 19.00m, Total 1931.62m, Weight of DC 71kdaN, Weight of String 0kdaN), MUD RECORD (Mud Type Water, Other, Time 08:00, Density 1160, Funnel Viscosity 30s/l, Fluid Loss, pH, Location of Sample SHAKERS, Depth 1780m, PVT 85m3), DEVIATION SURVEYS (Time 08:00, Depth 1779.62m, Deviation 19.5, Direction 354.9, Type, 08:45 1794.24m 22.5 350.4, 09:45 1808.87m 24.7 348, 10:45 1823.49m 26.8 347.5, 11:30 1838.12m 29 343.8, 12:45 1852.74m 31.6 342.9, 14:00 1867.37m 34.6 342.2), TIME LOG (From 08:00, To 09:00, Elapsed 1.00, Code 2A, Details of Operations in Sequence & Remarks: DRILL 200MM HOLE FROM 1785M TO 1795M), SOLIDS CONTROL (Equipment Name CENTRIFUGE, Hours Run 12, Intake Density 1170, Over Flow Density 1160, Under Flow Density 1730), MUD MATERIALS ADDED (REDUCTION 12 EACH, ALKALIME 1 EACH, SAWDUST 20 EACH, WALNUT 6 EACH, DYNAFIBER 6 EACH, NEWFLOC 1 EACH), HOLE CONDITION (Hole Drag Up 6, Down 5, Torque at Bottom 7500.00Nm, Fill on Bottom 0.00m), REDUCED PUMP SPEED (Pump No., Pressure, Strokes/min, Depth), Boiler (Boiler #, Hours Run, pH, Stack Temp).

TOUR 3 SIGNATURE OF DRILLER SYLVAIN ARSENAULT START TIME 20:00 END TIME 24:00

TOUR 3 Data Section: BITS (Bit Number 3, Size 200, IADC Code, Manufacturer HALIBURTON, Type MMD64M, Serial No 12784218, Jets 7.9, 7.9, 7.9, 11.1, Depth Out (m) 11.1, 11.1, Depth In (m) 1702, Total Drilled (m) 262, Hrs Run Today 3.25, Cumulative Hrs Run 16.75, Entry Date 2016/04/25), DRILLING ASSEMBLY (No 32, Component Drill Pipe, OD 1521.00m, ID 1521.00m, Length 1521.00m, Kelly Down 19.00m, Total 1931.62m, Weight of DC 71kdaN, Weight of String 0kdaN), MUD RECORD (Mud Type Water, Other, Time 20:00, Density 1160, Funnel Viscosity 32s/l, Fluid Loss, pH, Location of Sample SHAKERS, Depth 1780m, PVT 85m3), DEVIATION SURVEYS (Time 21:15, Depth 1940.49m, Deviation 46.2, Direction 338.7, Type, 23:00 1955.12m 47 336.6), TIME LOG (From 20:00, To 23:15, Elapsed 3.25, Code 2A, Details of Operations in Sequence & Remarks: DRILL 200MM HOLE FROM 1931M TO 1964M), SOLIDS CONTROL (Equipment Name CENTRIFUGE, Hours Run 4, Intake Density 1160, Over Flow Density 1160, Under Flow Density 1400), MUD MATERIALS ADDED (Product, Amount, Type), HOLE CONDITION (Hole Drag Up 5, Down 6, Torque at Bottom 7500.00Nm, Fill on Bottom 0.00m), REDUCED PUMP SPEED (Pump No., Pressure, Strokes/min, Depth), Boiler (Boiler #, Hours Run, pH, Stack Temp).

FRONT PAGE SUMMARY

License No 31605 Well Name ARGRES HZ PARKLAND B05-09-081-16

Tour Sheet Serial Number 052529_20160427_1A Pason Vendor Software Version 2016 04 27

DAILY CHECKS 1) Daily Walk Around Inspection 2) Detailed Inspection - Weekly (Using Check List)



Operator ARC RESOURCES Contractor PRECISION DRILLING, DIV OF PDCLP Rig No 529 Well Type HORIZ

OP RM 1) Daily Walk Around Inspection 2) Detailed Inspection - Weekly (Using Check List)

Table with 25 columns (CODE 1-25) and 10 rows (TOUR 1-3, Total). Columns include Rig Up, Drill Actual, Reaming, Coring, Concl Mud & Circ, Trips, Rig Service, Repair Rig, Cut Off Drill Log, Dev Survey, Wireline Logs, Run Csg & Cement, Wait On Cement, Nipple Up BOP, Test BOP, Drillstem Test, Plug Back, Squeeze Cement, Fishing, Dir Work, Safety Meeting, Tear Down, Waiting On, Rig Watch, Other, TOTAL.

TOUR 1 SIGNATURE OF DRILLER SYLVAIN ARSENAULT START TIME 00:00 END TIME 08:00

TOUR 1 data section including BITS, DRILLING ASSEMBLY, MUD RECORD, DEVIATION SURVEYS, TIME LOG, CUTTING STRUCTURE, METRES DRILLED, HOLE CONDITION, REDUCED PUMP SPEED, SOLIDS CONTROL, MUD MATERIALS ADDED, and SAFETY.

TOUR 2 SIGNATURE OF DRILLER MITCH ARSENAULT START TIME 08:00 END TIME 20:00

TOUR 2 data section including BITS, DRILLING ASSEMBLY, MUD RECORD, DEVIATION SURVEYS, TIME LOG, CUTTING STRUCTURE, METRES DRILLED, HOLE CONDITION, REDUCED PUMP SPEED, SOLIDS CONTROL, MUD MATERIALS ADDED, and SAFETY.

TOUR 3 SIGNATURE OF DRILLER SYLVAIN ARSENAULT START TIME 20:00 END TIME 24:00

TOUR 3 data section including BITS, DRILLING ASSEMBLY, MUD RECORD, DEVIATION SURVEYS, TIME LOG, CUTTING STRUCTURE, METRES DRILLED, HOLE CONDITION, REDUCED PUMP SPEED, SOLIDS CONTROL, MUD MATERIALS ADDED, and SAFETY.

FRONT PAGE SUMMARY

License No 31605 Well Name ARCREES HZ PARKLAND B05-09-081-16

Tour Sheet Serial Number 052529_20160428_1B Pason Vendor Software Version 2016 04 28

DAILY CHECKS

- 1) Daily Walk Around Inspection
2) Detailed Inspection - Weekly (Using Check List)
3) H2S Signs Posted if Required
4) Well License & Stick Diagram Posted
5) Flare Lines Staked
6) BOP Drills Performed
7) Visually Inspected BOPs - Flare Lines & Degasser Lines

CAODC logo, Pason logo, and various regulatory checkboxes.

Operator ARC RESOURCES
Contractor PRECISION DRILLING, DIV OF PDCLP
Surface Location 05-09-081-16W6
Rig No 529
Well Type HORIZ
Signature of Operator Representative Dan Meyer
Signature of Contractor's Rig Manager DAVE ACHESON

Table with 25 columns for hours (1-25) and rows for Tour 1, 2, 3, and Total. Includes sub-headers for Rig Up, Drill Actual, Reaming, Coring, etc.

TOUR 1 SIGNATURE OF DRILLER SYLVAIN ARSENAULT START TIME 00:00 END TIME 08:00

TOUR 1 data section including BITS, DRILLING ASSEMBLY, MUD RECORD, DEVIATION SURVEYS, TIME LOG, CUTTING STRUCTURE, METRES DRILLED, and HOLE CONDITION.

TOUR 2 SIGNATURE OF DRILLER MITCH ARSENAULT START TIME 08:00 END TIME 20:00

TOUR 2 data section including BITS, DRILLING ASSEMBLY, MUD RECORD, DEVIATION SURVEYS, TIME LOG, CUTTING STRUCTURE, METRES DRILLED, and HOLE CONDITION.

TOUR 3 SIGNATURE OF DRILLER SYLVAIN ARSENAULT START TIME 20:00 END TIME 24:00

TOUR 3 data section including BITS, DRILLING ASSEMBLY, MUD RECORD, DEVIATION SURVEYS, TIME LOG, CUTTING STRUCTURE, METRES DRILLED, and HOLE CONDITION.

FRONT PAGE SUMMARY

License No 31605 Well Name ARCREES HZ PARKLAND B05-09-081-16

Tour Sheet Serial Number 052529_20160429_1A Pason

Year 2016 Month 04 Day 29

DAILY CHECKS

- 1) Daily Walk Around Inspection
2) Detailed Inspection - Weekly (Using Check List)
3) H2S Signs Posted if Required
4) Well Licence & Stick Diagram Posted
5) Flare Lines Staked
6) BOP Drills Performed
7) Visually Inspected BOPs - Flare Lines & Degasser Lines



Operator ARC RESOURCES
Operator's AFE 16DRLO035
Signature of Operator Representative Dan Meyer

Contractor PRECISION DRILLING, DIV OF PDCLP
Contractor's Job No 83
Signature of Contractor's Rig Manager DAVE ACHESON

Rig No 529
Well Type HORIZ
Spud Date Time 2016/04/22 19:15
Rig Release Date Time

Table with 25 columns (CODE 1-25) and 10 rows (TOUR 1-3, Total). Includes columns for Rig Up, Drill Actual, Reaming, Coring, etc.

TOUR 1 SIGNATURE OF DRILLER

SYLVAIN ARSENAULT

START TIME 00:00 END TIME 08:00

Table with 4 columns: From, To, D-R-C, RPM, WOB. Includes METRES DRILLED and CUTTING STRUCTURE.

Table with 5 columns: No, Component, OD, ID, Length. Includes DRILLING ASSEMBLY and HOLE CONDITION.

Table with 4 columns: Mud Type, Water, Oil. Includes MUD RECORD and REDUCED PUMP SPEED.

Table with 4 columns: Time, Depth, Deviation, Direction. Includes DEVIATION SURVEYS and SOLIDS CONTROL.

Table with 4 columns: From, To, Elapsed, Code. Includes TIME LOG and SAFETY.

TOUR 2 SIGNATURE OF DRILLER

MITCH ARSENAULT

START TIME 08:00 END TIME 20:00

Table with 4 columns: From, To, D-R-C, RPM, WOB. Includes METRES DRILLED and CUTTING STRUCTURE.

Table with 5 columns: No, Component, OD, ID, Length. Includes DRILLING ASSEMBLY and HOLE CONDITION.

Table with 4 columns: Mud Type, Water, Oil. Includes MUD RECORD and REDUCED PUMP SPEED.

Table with 4 columns: Time, Depth, Deviation, Direction. Includes DEVIATION SURVEYS and SOLIDS CONTROL.

Table with 4 columns: From, To, Elapsed, Code. Includes TIME LOG and SAFETY.

TOUR 3 SIGNATURE OF DRILLER

SYLVAIN ARSENAULT

START TIME 20:00 END TIME 24:00

Table with 4 columns: From, To, D-R-C, RPM, WOB. Includes METRES DRILLED and CUTTING STRUCTURE.

Table with 5 columns: No, Component, OD, ID, Length. Includes DRILLING ASSEMBLY and HOLE CONDITION.

Table with 4 columns: Mud Type, Water, Oil. Includes MUD RECORD and REDUCED PUMP SPEED.

Table with 4 columns: Time, Depth, Deviation, Direction. Includes DEVIATION SURVEYS and SOLIDS CONTROL.

Table with 4 columns: From, To, Elapsed, Code. Includes TIME LOG and SAFETY.

FRONT PAGE SUMMARY

License No 31605 Well Name ARCREH HZ PARKLAND B05-09-081-16

Tour Sheet Serial Number 052529_20160430_1B Surface Location 05-09-081-16W6

Vendor Software Version Pason Prov BC Loc Type DLS Unique Well Id 102/14-08-081-16W6/00

Year 2016 Month 04 Day 30

DAILY CHECKS

- 1) Daily Walk Around Inspection
2) Detailed Inspection - Weekly (Using Check List)
3) H2S Signs Posted if Required
4) Well Licence & Stick Diagram Posted
5) Flare Lines Staked
6) BOP Drills Performed
7) Visually Inspected BOPs - Flare Lines & Degasser Lines

OP RM CAODC PASON Pason

Operator ARC RESOURCES Operator's AFE 16DRLO035 Signature of Operator Representative Dan Meyer

Contractor PRECISION DRILLING, DIV OF PDCLP Contractor's Job No 83 Signature of Contractor's Rig Manager DAVE ACHESON

Rig No 529 Well Type HORIZ Spud Date Time 2016/04/22 19:15 Rig Release Date Time

Re-Entry

Table with 25 columns (CODE 1-25) and 10 rows (TOUR 1-3, Total). Columns include Rig Up, Drill Actual, Reaming, Coring, etc. Includes a 'FUEL @ 08:00 HOURS' section.

TOUR 1 SIGNATURE OF DRILLER SYLVAIN ARSENAULT START TIME 00:00 END TIME 08:00

TOUR 1 Data Section: BITS, DRILLING ASSEMBLY, MUD RECORD, DEVIATION SURVEYS, TIME LOG, CUTTING STRUCTURE, METRES DRILLED, HOLE CONDITION, REDUCED PUMP SPEED, SOLIDS CONTROL, MUD MATERIALS ADDED, SAFETY.

TOUR 2 SIGNATURE OF DRILLER MITCH ARSENAULT START TIME 08:00 END TIME 20:00

TOUR 2 Data Section: BITS, DRILLING ASSEMBLY, MUD RECORD, DEVIATION SURVEYS, TIME LOG, CUTTING STRUCTURE, METRES DRILLED, HOLE CONDITION, REDUCED PUMP SPEED, SOLIDS CONTROL, MUD MATERIALS ADDED, SAFETY.

TOUR 3 SIGNATURE OF DRILLER SYLVAIN ARSENAULT START TIME 20:00 END TIME 24:00

TOUR 3 Data Section: BITS, DRILLING ASSEMBLY, MUD RECORD, DEVIATION SURVEYS, TIME LOG, CUTTING STRUCTURE, METRES DRILLED, HOLE CONDITION, REDUCED PUMP SPEED, SOLIDS CONTROL, MUD MATERIALS ADDED, SAFETY.

FRONT PAGE SUMMARY

License No 31605 Well Name ARGRES HZ PARKLAND B05-09-081-16
Tour Sheet Serial Number 052529_20160501_1A
Vendor Software Version Pason
Year 2016 Month 05 Day 01
Surface Location 05-09-081-16W6
Prov BC Loc DLS Unique Well Id 102/14-08-081-16W6/00
Operator ARC RESOURCES
Contractor PRECISION DRILLING, DIV OF PDCLP
Rig No 529
Well Type HORIZ
Signature of Operator Representative Dan Meyer
Signature of Contractor's Rig Manager DAVE ACHESON

- DAILY CHECKS
1) Daily Walk Around Inspection
2) Detailed Inspection - Weekly (Using Check List)
3) H2S Signs Posted if Required
4) Well Licence & Stick Diagram Posted
5) Flare Lines Staked
6) BOP Drills Performed
7) Visually Inspected BOPs - Flare Lines & Degasser Lines
8) Rig Site Health & Safety Meeting (one/crew/month)
9) CAODC Rig Safety Inspection Checklist (one/rig/month)
10) Mast Inspection before Raising or Lowering
11) Crown Saver Checked
12) Motor Kills Checked



Table with 25 columns (CODE 1-25) and 10 rows (TOUR 1-3, Total). Columns include Rig Up, Drill Actual, Reaming, Coring, Connd Mud & Circ, Trips, Rig Service, Repair Rig, Cut Off Drill Log, Dev Survey, Wireline Logs, Run Csg & Cement, Wait On Cement, Nipple Up BOP, Test BOP, Drillstem Test, Plug Back, Squeeze Cement, Fishing, Dir Work, Safety Meeting, Tear Down, Waiting On, Rig Watch, Other, TOTAL. Includes FUEL @ 08:00 HOURS and WEATHER summary.

TOUR 1 SIGNATURE OF DRILLER SYLVAIN ARSENAULT START TIME 00:00 END TIME 08:00

TOUR 1 Data Section: BITS, DRILLING ASSEMBLY, MUD RECORD, DEVIATION SURVEYS, TIME LOG, CUTTING STRUCTURE, METRES DRILLED, HOLE CONDITION, REDUCED PUMP SPEED, SOLIDS CONTROL, MUD MATERIALS ADDED, SAFETY. Includes detailed logs for mud properties, deviation surveys, and safety notes.

TOUR 2 SIGNATURE OF DRILLER MITCH ARSENAULT START TIME 08:00 END TIME 20:00

TOUR 2 Data Section: BITS, DRILLING ASSEMBLY, MUD RECORD, DEVIATION SURVEYS, TIME LOG, CUTTING STRUCTURE, METRES DRILLED, HOLE CONDITION, REDUCED PUMP SPEED, SOLIDS CONTROL, MUD MATERIALS ADDED, SAFETY. Includes detailed logs for mud properties, deviation surveys, and safety notes.

TOUR 3 SIGNATURE OF DRILLER JASON GILES START TIME 20:00 END TIME 24:00

TOUR 3 Data Section: BITS, DRILLING ASSEMBLY, MUD RECORD, DEVIATION SURVEYS, TIME LOG, CUTTING STRUCTURE, METRES DRILLED, HOLE CONDITION, REDUCED PUMP SPEED, SOLIDS CONTROL, MUD MATERIALS ADDED, SAFETY. Includes detailed logs for mud properties, deviation surveys, and safety notes.

FRONT PAGE SUMMARY

License No 31605 Well Name ARCRESES HZ PARKLAND B05-09-081-16
 Tour Sheet Serial Number 052529_20160502_1A Vendor Software Version Pason Year 2016 Month 05 Day 02
 Surface Location 05-09-081-16W6 Prov BC Loc Type DLS Unique Well Id 102/14-08-081-16W/00
 Operator ARC RESOURCES Contractor PRECISION DRILLING, DIV OF PDCLP Rig No 529 Well Type HORIZ Re-Entry
 Operator's AFE 16DRLO035 Contractor's Job No 83 Spud Date Time 2016/04/22 19:15
 Signature of Operator Representative Guy Rockabar Signature of Contractor's Rig Manager MARC RAYMOND Rig Release Date Time

DAILY CHECKS
 1) Daily Walk Around Inspection
 2) Detailed Inspection - Weekly (Using Check List)
 3) H2S Signs Posted if Required
 4) Well License & Stock Diagram Posted
 5) Flare Lines Staked
 6) BOP Drills Performed
 7) Visually Inspected BOPs - Flare Lines & Degasser Lines
 8) OP RM
 9) Rig Site Health & Safety Meeting (one/crew/month)
 10) CAODC Rig Safety Inspection Checklist (one/rig/month)
 11) Mast Inspection before Raising or Lowering
 12) Crown Saver Checked
 13) Motor Kills Checked



CODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	TOTAL
HOURS	Rig Up	Drill Actual	Reaming	Coring	Cond Mud & Circ	Trips	Rig Service	Repair Rig	Cut Off Drill Log	Dev Survey	Wireline Logs	Run Csg & Cement	Wait On Cement	Nipple Up BOP	Test BOP	Drillstem Test	Plug Back	Squeeze Cement	Fishing	Dir Work	Safety Meeting	Tear Down	Waiting On	Rig Watch	Other	
Tour 1					1.00	2.00	0.25				4.00										0.75					8.00
Tour 2							0.25				11.75															12.00
Tour 3											2.75	1.00														4.00
Total					1.00	2.00	0.50				18.50	1.00									1.00					24.00

FUEL @ 08:00 HOURS
 Fuel 11875.00 Meter 0.00
 Time 05:00 Temp 8.00
WEATHER
 Current Conditions CLEAR
 Wind Direction SW Wind Strength UP TO 19 KM/H
 Road Condition GOOD

TOUR 1 SIGNATURE OF DRILLER JASON GILES **START TIME** 00:00 **END TIME** 08:00

BITS				DRILLING ASSEMBLY				MUD RECORD				DEVIATION SURVEYS				TIME LOG																									
Bit Number	6	Size	171	No	Component	OD	ID	Length	Mud Type	Water	Oil	Time	Depth	Deviation	Direction	Type	From	To	Elapsed	Code	Details of Operations in Sequence & Remarks																				
IADC Code		Manufacturer	SMITH	1	BIT	171	0	0.18m	Other								00:00	02:00	2.00	8A	CONTINUE TRIP INTO HOLE FROM 2515m TO 3600m. FLOW CHECK/FILL PIPE @ 2632m.																				
Type	TBRS613PX	Serial No	JJ1580	1	FLOAT SUB	133	65	1.57m	Density								02:00	03:00	1.00	5	CIRCULATE BOTTOMS UP/HOLE CLEAN @ 3600m																				
Jets		Depth Out (m)		1	X/O	134	68	0.94m	Funnel Viscosity								03:00	03:15	0.25	21	SAFETY MEETING PRIOR TO RIGGING IN LOGGERS - REVIEW COP 2-9																				
Depth In (m)	3600	Total Drilled (m)		1	175 x 4.5" DP	114	72	1706.25m	Fluid Loss								03:15	04:45	1.50	11	RACK 1 STANDLAWY OUT 1 SINGLE DP - RIG IN WIRELINE LOGGERS																				
Hrs Run Today		Cumulative Hrs Run	0.00	1	136 JTS HWDP	114	65	336.96m	pH								04:45	06:45	2.00	11	RUNNING IN THRU BIT LOGGING TOOLS - RETRIEVE WIRELINE - RIG OUT WIRELINE LOGGERS																				
Entry Date	2016/05/01	CUTTING STRUCTURE		53 Drill Pipe Stands 1550.25m		0 Drill Pipe Singles 0.00m		Kelly Down 2.93m		Total 3600.00m		Weight of DC		71kdaN		HOLE CONDITION		Hole Drag Up Down		Torque at Bottom		Fill on Bottom		REDUCED PUMP SPEED		Pump No. Pressure Strokes/min Depth		1 1250 @ 80 @ 2632		1 1975 @ 80 @ 3577		Boiler		Boiler # Hours Run pH Stack Temp		Safety		Safety Topic MEHL MACP		Trip/Log 84.00kdaN 2719kPa	

TOUR 2 SIGNATURE OF DRILLER MITCH ARSENAULT **START TIME** 08:00 **END TIME** 20:00

BITS				DRILLING ASSEMBLY				MUD RECORD				DEVIATION SURVEYS				TIME LOG																									
Bit Number	6	Size	171	No	Component	OD	ID	Length	Mud Type	Water	Oil	Time	Depth	Deviation	Direction	Type	From	To	Elapsed	Code	Details of Operations in Sequence & Remarks																				
IADC Code		Manufacturer	SMITH	1	BIT	171	0	0.18m	Other								08:00	19:45	11.75	11D	LOGGING - INTEGRITY LOGS @ 9 M/MIN FROM 3600M TO 2200M THEN 4.5M/MIN FROM 2200M TO 425M FLOW CHECK 10 MIN @ 3420M. 1793M425M																				
Type	TBRS613PX	Serial No	JJ1580	1	FLOAT SUB	133	65	1.57m	Density								19:45	20:00	0.25	7	RIG SERVICE - FUNCTION UPPER PIPE RAMS-SECC. T/C																				
Jets		Depth Out (m)	3600	1	X/O	134	68	0.94m	Funnel Viscosity								Remarks: FUNCTION TRAVEL STOPS/LIMITS & CROWN SAVER																								
Depth In (m)	3600	Total Drilled (m)	0	1	175 x 4.5" DP	114	72	1706.25m	Fluid Loss								INSPECT TOP DRIVE/ELEVATORS/BALES/ALL OVERHEAD EQUIPMENT-INSPECT NOV ST-80 & ALL DRILL FLOOR EQUIPMENT																								
Hrs Run Today		Cumulative Hrs Run	0.00	1	136 JTS HWDP	114	65	336.96m	pH								INSPECT CHOKE LINES/HCR/SKILL LINES/ CHECK MANIFOLD VALVE ALIGNMENT-FUNCTION FLARE STACK IGNITER																								
Entry Date	2016/05/01	CUTTING STRUCTURE		53 Drill Pipe Stands 1550.25m		0 Drill Pipe Singles 0.00m		Kelly Down 2.93m		Total 3600.00m		Weight of DC		71kdaN		HOLE CONDITION		Hole Drag Up Down		Torque at Bottom		Fill on Bottom		REDUCED PUMP SPEED		Pump No. Pressure Strokes/min Depth		1 1250 @ 80 @ 2632		1 1975 @ 80 @ 3577		Boiler		Boiler # Hours Run pH Stack Temp		Safety		Safety Topic MEHL MACP		Trip/Log 84.00kdaN 2808kPa	

TOUR 3 SIGNATURE OF DRILLER JASON GILES **START TIME** 20:00 **END TIME** 24:00

BITS				DRILLING ASSEMBLY				MUD RECORD				DEVIATION SURVEYS				TIME LOG																									
Bit Number	6	Size	171	No	Component	OD	ID	Length	Mud Type	Water	Oil	Time	Depth	Deviation	Direction	Type	From	To	Elapsed	Code	Details of Operations in Sequence & Remarks																				
IADC Code		Manufacturer	SMITH	1	BIT	171	0	0.18m	Other								20:00	21:30	1.50	11A	LOGGING - CASED HOLE LOGS FROM 425m TO SURFACE @ 9m/min. FUNCTION BLIND RAMS/FLOW CHECK OUT OF HOLE. TRIP RECORD- CALC.=13.65m3, ACTUAL=16.22m3, DIFF.=2.57m3																				
Type	TBRS613PX	Serial No	JJ1580	1	FLOAT SUB	133	65	1.57m	Density								21:30	21:45	0.25	11A	REVIEW COP 2-9 - LAY OUT LOG TOOLS																				
Jets		Depth Out (m)	3600	1	X/O	134	68	0.94m	Funnel Viscosity								21:45	22:45	1.00	11A	LAY OUT LOG TOOLS																				
Depth In (m)	3600	Total Drilled (m)	0	1	175 x 4.5" DP	114	72	1706.25m	Fluid Loss								22:45	23:00	0.25	21	REVIEW COIP 3-1 PRIOR TO RIG UP TO RUN CASING WITH FIBRE CORD																				
Hrs Run Today		Cumulative Hrs Run	0.00	1	136 JTS HWDP	114	65	336.96m	pH								23:00	24:00	1.00	12A	PREP FLOOR- RIG UP TO RUN CASING WITH FIBRE CORD																				
Entry Date	2016/05/01	CUTTING STRUCTURE		53 Drill Pipe Stands 1550.25m		0 Drill Pipe Singles 0.00m		Kelly Down 2.93m		Total 3600.00m		Weight of DC		71kdaN		HOLE CONDITION		Hole Drag Up Down		Torque at Bottom		Fill on Bottom		REDUCED PUMP SPEED		Pump No. Pressure Strokes/min Depth		1 1250 @ 80 @ 2632		1 1975 @ 80 @ 3577		Boiler		Boiler # Hours Run pH Stack Temp		Safety		Safety Topic MEHL MACP		Trip/Log/Casing 28.00kdaN 2719kPa	

FRONT PAGE SUMMARY

License No 31605 Well Name ARGRES HZ PARKLAND B05-09-081-16 Tour Sheet Serial Number 052529_20160503_1A Pason Vendor Software Version 2016 05 03

DAILY CHECKS 1) Daily Walk Around Inspection 2) Detailed Inspection - Weekly (Using Check List) 3) H2S Signs Posted if Required 4) Well License & Stick Diagram Posted 5) Flare Lines Staked 6) BOP Drills Performed 7) Visually Inspected BOPs - Flare Lines & Degasser Lines



Table with 25 columns (CODE 1-25) and 10 rows (Rig Up, Drill Actual, Reaming, Coring, etc.) showing drilling hours and totals.

TOUR 1 SIGNATURE OF DRILLER JASON GILES START TIME 00:00 END TIME 08:00

TOUR 1 detailed data section including BITS, DRILLING ASSEMBLY, MUD RECORD, DEVIATION SURVEYS, TIME LOG, SOLIDS CONTROL, MUD MATERIALS ADDED, METRES DRILLED, HOLE CONDITION, REDUCED PUMP SPEED, and SAFETY.

TOUR 2 SIGNATURE OF DRILLER SYLVAIN ARSENAULT START TIME 08:00 END TIME 20:00

TOUR 2 detailed data section including BITS, DRILLING ASSEMBLY, MUD RECORD, DEVIATION SURVEYS, TIME LOG, SOLIDS CONTROL, MUD MATERIALS ADDED, METRES DRILLED, HOLE CONDITION, REDUCED PUMP SPEED, and SAFETY.

TOUR 3 SIGNATURE OF DRILLER JASON GILES START TIME 20:00 END TIME 24:00

TOUR 3 detailed data section including BITS, DRILLING ASSEMBLY, MUD RECORD, DEVIATION SURVEYS, TIME LOG, SOLIDS CONTROL, MUD MATERIALS ADDED, METRES DRILLED, HOLE CONDITION, REDUCED PUMP SPEED, and SAFETY.

FRONT PAGE SUMMARY

License No 31605 Well Name ARCRES HZ PARKLAND B05-09-081-16
Tour Sheet Serial Number 052529_20160504_1A
Vendor Software Version Pason
Year 2016 Month 05 Day 04
Surface Location 05-09-081-16W6
Prov BC Loc Type DLS Unique Well Id 10214-08-081-16W6/00
Operator ARC RESOURCES
Contractor PRECISION DRILLING, DIV OF PDCLP
Rig No 529
Well Type HORIZ
Re-Entry
Signature of Operator Representative Guy Rockabar
Signature of Contractor's Rig Manager MARC RAYMOND
Rig Release Date Time 2016/05/04 06:00

DAILY CHECKS
1) Daily Walk Around Inspection
2) Detailed Inspection - Weekly (Using Check List)
3) H2S Signs Posted if Required
4) Well Licence & Stick Diagram Posted
5) Flare Lines Staked
6) BOP Drills Performed
7) Visually Inspected BOPs - Flare Lines & Degasser Lines
1) Rig Site Health & Safety Meeting (one/crew/month)
2) CAODC Rig Safety Inspection Checklist (one/rig/month)
3) Mast Inspection before Raising or Lowering
4) Crown Saver Checked
5) Motor Kills Checked



Table with 25 columns (CODE 1-25) and 10 rows (TOUR 1-3, Total). Columns include Rig Up, Drill Actual, Reaming, Coring, etc. Total hours: 15.00.

TOUR 1 SIGNATURE OF DRILLER JOSH GILBERT START TIME 00:00 END TIME 08:00

TOUR 1 BITS, DRILLING ASSEMBLY, MUD RECORD, DEVIATION SURVEYS, TIME LOG, SOLIDS CONTROL, MUD MATERIALS ADDED, METRES DRILLED, HOLE CONDITION, REDUCED PUMP SPEED, SAFETY. Includes detailed logs for drilling parameters and safety notes.

TOUR 2 SIGNATURE OF DRILLER SYLVAIN ARSENAULT START TIME 08:00 END TIME 20:00

TOUR 2 BITS, DRILLING ASSEMBLY, MUD RECORD, DEVIATION SURVEYS, TIME LOG, SOLIDS CONTROL, MUD MATERIALS ADDED, METRES DRILLED, HOLE CONDITION, REDUCED PUMP SPEED, SAFETY. Includes detailed logs for drilling parameters and safety notes.

TOUR 3 SIGNATURE OF DRILLER MARC RAYMOND START TIME 20:00 END TIME 24:00

TOUR 3 BITS, DRILLING ASSEMBLY, MUD RECORD, DEVIATION SURVEYS, TIME LOG, SOLIDS CONTROL, MUD MATERIALS ADDED, METRES DRILLED, HOLE CONDITION, REDUCED PUMP SPEED, SAFETY. Includes detailed logs for drilling parameters and safety notes.