

FRONT PAGE SUMMARY

License No 31604 Well Name ARCCRES HZ PARKLAND A5-9-81-16
Contractor PRECISION DRILLING, DIV OF PDCLP
Surface Location 05-09-081-16W6
Rig No 529
Well Type HORIZ
Signature of Operator Representative Sheldon Kashuba
Signature of Contractor's Rig Manager MARC RAYMOND

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



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: 24.00.

TOUR 1 SIGNATURE OF DRILLER: JOSH GILBERT. 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: JASON GILES. 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: JOSH GILBERT. 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: 31604 | Well Name: ARCCRES HZ PARKLAND A5-9-81-16
 Tour Sheet Serial Number: 052529_20160413_1B | Vendor Software Version: Pason
 Surface Location: 05-09-081-16W6 | Prov BC | Loc Type DLS | Unique Well Id: 100/14-08-081-16W6/00
 Operator: ARC RESOURCES | Contractor: PRECISION DRILLING, DIV OF PDCLP | Rig No: 529 | Well Type: HORIZ
 Operator's AFE: 16DRLO034 | Contractor's Job No: 82 | Spud Date Time: 2016/04/10 14:00
 Signature of Operator Representative: Sheldon Kashuba | Signature of Contractor's Rig Manager: MARC RAYMOND | Rig Release Date Time:

OP RM
 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) BOP Drills Performed
 9) Well 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	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		
Tour 1		5.75					0.25													1.50	0.50					8.00	Time: 2050:00, Temp: 2.00
Tour 2		9.25					0.25													2.00	0.50					12.00	Wind Direction: SW, Wind Strength: 1P TO 19 KM/H
Tour 3		1.00			0.75	1.75	0.25															0.25				4.00	Wind Condition: GOOD
Total		16.00			0.75	1.75	0.75													3.50	1.25					24.00	

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

BITS				DRILLING ASSEMBLY				MUD RECORD				DEVIATION SURVEYS				TIME LOG								
Bit Number: 2	Size: 200	IADC Code:	Manufacturer: HALIBURTON	No: 1	Component: BIT	OD: 200	ID: 0	Length: 0.30m	Mud Type: Other	Water: 0	Oil: 0	Time: 00:00	Depth: 1486.8m	Deviation: 0.5	Direction: 168.1	Type:	From: 00:00	To: 01:00	Elapsed: 1.00	Code:	Details of Operations in Sequence & Remarks			
CUTTING STRUCTURE				HOLE CONDITION				REDUCED PUMP SPEED				SAFETY												
TI: Gage, TO: ODC, MDC: Reason Pulled, LOC: Total Run (m/hr), BRG:				42 Drill Pipe Stands: 1257.75m, Kelly Down: 0.95m, Total: 1649.00m, Weight of DC: 0kdaN, Weight of String: 68kdaN				Pump No. 2, Pressure: 5100, Strokes/min: 91, Depth: 1616				Boiler #, Hours Run, pH, Stack Temp				Safety Topic: MEHL, MACP								

TOUR 2 SIGNATURE OF DRILLER JASON GILES | **START TIME** 08:00 | **END TIME** 20:00

BITS				DRILLING ASSEMBLY				MUD RECORD				DEVIATION SURVEYS				TIME LOG								
Bit Number: 2	Size: 200	IADC Code:	Manufacturer: HALIBURTON	No: 1	Component: BIT	OD: 200	ID: 0	Length: 0.30m	Mud Type: Other	Water: 0	Oil: 0	Time: 08:15	Depth: 1622.55m	Deviation: 5.7	Direction: 348.3	Type:	From: 08:00	To: 09:45	Elapsed: 1.75	Code:	Details of Operations in Sequence & Remarks			
CUTTING STRUCTURE				HOLE CONDITION				REDUCED PUMP SPEED				SAFETY												
TI: Gage, TO: ODC, MDC: Reason Pulled, LOC: Total Run (m/hr), BRG:				47 Drill Pipe Stands: 1404.08m, Kelly Down: -18.38m, Total: 1776.00m, Weight of DC: 0kdaN, Weight of String: 68kdaN				Pump No. 1, Pressure: 3195, Strokes/min: 90, Depth: 1677				Boiler #, Hours Run, pH, Stack Temp				Safety Topic: MEHL, MACP								

TOUR 3 SIGNATURE OF DRILLER JOSH GILBERT | **START TIME** 20:00 | **END TIME** 24:00

BITS				DRILLING ASSEMBLY				MUD RECORD				DEVIATION SURVEYS				TIME LOG								
Bit Number: 2	Size: 200	IADC Code:	Manufacturer: HALIBURTON	No: 1	Component: BIT	OD: 200	ID: 0	Length: 0.30m	Mud Type: Other	Water: 0	Oil: 0	Time: 20:00	Depth: 1776m	Deviation: 1230	Direction:	Type:	From: 20:00	To: 21:00	Elapsed: 1.00	Code:	Details of Operations in Sequence & Remarks			
CUTTING STRUCTURE				HOLE CONDITION				REDUCED PUMP SPEED				SAFETY												
TI: Gage, TO: ODC, MDC: Reason Pulled, LOC: Total Run (m/hr), BRG:				47 Drill Pipe Stands: 1404.08m, Kelly Down: -10.38m, Total: 1784.00m, Weight of DC: 0kdaN, Weight of String: 68kdaN				Pump No. 1, Pressure: 3195, Strokes/min: 86, Depth: 18000				Boiler #, Hours Run, pH, Stack Temp				Safety Topic: MEHL, MACP								

FRONT PAGE SUMMARY

License No 31604 Well Name ARCRES HZ PARKLAND A5-9-81-16

Tour Sheet Serial Number 052529_20160414_1B Surface Location 05-09-081-16W6

Year 2016 Month 04 Day 14

DAILY CHECKS 1) Daily Walk Around Inspection 2) Detailed Inspection - Weekly (Using Check List) 3) H2S Spigs 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

OP RM SDK MR SDK MR SDK MR SDK MR



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

Signature of Operator Representative Sheldon Kushuba Signature of Contractor's Rig Manager MARC RAYMOND

Table with 25 columns (CODE 1-25) and 10 rows (TOUR 1-4, Total). Columns include Rig Up, Drill Actual, Reaming, Coring, etc. Includes a WEATHER section on the right.

TOUR 1 SIGNATURE OF DRILLER JOSH GILBERT 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 SAFETY sections.

TOUR 2 SIGNATURE OF DRILLER JASON GILES 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 SAFETY sections.

TOUR 3 SIGNATURE OF DRILLER JOSH GILBERT 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 SAFETY sections.

FRONT PAGE SUMMARY

License No 31604 Well Name ARGRES HZ PARKLAND A5-9-81-16
Tour Sheet Serial Number 05-25229_20160415_1B
Vendor Software Version Pason
Year 2016 Month 04 Day 15
Surface Location 05-09-081-16W6
Prov BC Loc Type DLS Unique Well Id 100/14-08-081-16W6/00
Operator ARC RESOURCES
Contractor PRECISION DRILLING, DIV OF PDCLP
Rig No 529
Well Type HORIZ
Signature of Operator Representative Sheldon Kashuba
Signature of Contractor's Rig Manager MARC RAYMOND

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 1-4, 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 JOSH GILBERT START TIME 00:00 END TIME 08:00

TOUR 1 Data Form: 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 JASON GILES START TIME 08:00 END TIME 20:00

TOUR 2 Data Form: 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 JOSH GILBERT START TIME 20:00 END TIME 24:00

TOUR 3 Data Form: 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 31604 Well Name ARCCRES HZ PARKLAND A5-9-81-16
Tour Sheet Serial Number 052529_20160416_1B
Vendor Software Version Pason
Year 2016 Month 04 Day 16
Surface Location 05-09-081-16W6
Prov BC Loc Type DLS Unique Well Id 100/14-08-081-16W6/00
Operator ARC RESOURCES
Contractor PRECISION DRILLING, DIV OF PDCLP
Rig No 529
Well Type HORIZ
Signature of Operator Representative Sheldon Kashuba
Signature of Contractor's Rig Manager MARC RAYMOND

OP RM
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) Down 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, 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 JOSH GILBERT START TIME 00:00 END TIME 08:00

BITS
Bit Number 3
Size 200
IADC Code
Manufacturer HALIBURTON
Type MMD64M
Serial No 12749569
Jets 7.9 7.9 7.9 11.1 11.1 11.1
Depth Out (m) 2175
Depth In (m) 1784
Total Drilled (m) 391
Hrs Run Today 4.00
Cumulative Hrs Run 29.00
Entry Date 2016/04/14

DRILLING ASSEMBLY
No Component OD ID Length
1 BIT 200 0 0.25m
1 MOTOR 170 0 8.70m
1 NEAR BIT INC SUB 180 55 1.44m
1 NM FLEX MONEL 165 80 9.17m
1 GAP SUB 165 80 1.66m
1 NM FLEX MONEL 163 72 9.10m
1 NM FLEX MONEL 159 72 8.66m
1 JARS-HYD/MECH 166 57 5.47m
1 X/O 158 71 0.90m
1 37 4.5" HWDP 114 72 346.32m

MUD RECORD
Mud Type Water Oil
Time 02:00 05:00
Density 1220 1225
Funnel Viscosity 65s/l 64s/l
Fluid Loss pH
Location of Sample SHAKERS SHAKERS
Depth 2140m 2171m
PVT 55m3 53m3

DEVIATION SURVEYS
Time Depth Deviation Direction Type
00:00 2120.92m 77.7 295.1
01:00 2130.67m 79.1 294.9
02:00 2140.42m 81.6 295.2
03:00 2150.17m 83.5 296
03:45 2159.92m 85.4 296.7
04:00 2163.18m 86.1 297
05:00 2172.93m 87.3 298.1

TIME LOG
From To Elapsed Code Details of Operations in Sequence & Remarks
00:00 04:00 4:00Z DRILL 200mm BUILD SECTION FROM 2121M- 2175M.
04:00 04:45 0:75 20A DIRECTIONAL SURVEYS/CONNECTIONS
04:45 05:00 0:25Z RIG SERVICE/FUNCTION ANNUAL/ 22 SECONDS TO CLOSE
05:00 05:30 0:50Z CONDITION MUD & CIRCULATE
05:30 05:45 0:25Z1 SAFETY MEETING PRIOR TO TRIP OUT/COP 2-7
05:45 07:45 2:00 8B TRIP OUT OF HOLE FROM 2175M-1095MM. WITH 10 MIN FCS @ 2057M, 1095m
07:45 08:00 0:25Z1 SAFETY MEETING/ CREW CHANGE MEETING

CUTTING STRUCTURE

61 Drill Pipe Stands 1784.25m
0 Drill Pipe Singles 0.00m
Kelly Down -0.92m
Total 2175.00m
Weight of DC 0kdaN
Weight of String 75kdaN

METRES DRILLED

HOLE CONDITION
Hole Drag Up 5 Down 8
Torque at Bottom 6500.00Nm
Fill on Bottom 0.00m

REDUCED PUMP SPEED

Pump No. Pressure Strokes/min Depth
2 5200 @ 86 @ 2145

MUD MATERIALS ADDED

Product Amount Type
GILSONITE 10 SX
OPTI-ONE 2 PAILS
BARITE 48 SX
CLAYTONE 1 SX

SAFETY

TRIPPING OUT 95.00kdaN 2814kPa

TOUR 2 SIGNATURE OF DRILLER JASON GILES START TIME 08:00 END TIME 20:00

BITS
Bit Number 4
Size 171
IADC Code
Manufacturer HALIBURTON
Type MMD55C
Serial No 12795239
Jets 8.7 8.7 8.7 8.7 8.7
Depth Out (m) 2175
Depth In (m) 134
Total Drilled (m) 50
Hrs Run Today 2.00
Cumulative Hrs Run 2.00
Entry Date 2016/04/16

DRILLING ASSEMBLY
No Component OD ID Length
1 BIT 159 0 0.33m
1 MOTOR HS 127 0 9.01m
1 NM FLEX MONEL 119 72 9.32m
1 GAP SUB 124 67 1.69m
1 NM FLEX MONEL 118 69 9.27m
1 NM FLEX MONEL 120 72 9.26m
1 X/O 134 61 0.94m
1 160 x 4.5" DP 114 97 1560.00m
1 36 4.5" HWDP 114 70 336.96m

MUD RECORD
Mud Type Water Oil
Time 18:00
Density 1240
Funnel Viscosity 66s/l
Fluid Loss pH
Location of Sample SHAKERS
Depth 2183m
PVT 52m3

DEVIATION SURVEYS
Time Depth Deviation Direction Type
17:45 2182.88m 89.1 297
18:45 2192.43m 90.5 296
19:15 2202.18m 90.9 295.4
19:30 2211.93m 90.8 294.6

TIME LOG
From To Elapsed Code Details of Operations in Sequence & Remarks
08:00 10:15 2:25 8B REVIEW COP 2-4 - CONTINUE TRIPPING OUT OF HOLE FROM 1095M- 45M. WITH 10 MIN
10:15 10:30 0:25 21 FCS @ 454m, 0m/ FINAL TRIP CALC= 9.18M3. ACTUAL =9.4M/3 DIFF= .22M/3
10:30 12:45 2:25 20 SAFETY MEETING-REVIEW COP 2-1 WITH DISCOVERY DIRECTIONAL
12:45 14:45 2:00 8A LAY OUT DIRECTIONAL BHA - PICK UP LATERAL DIRECTIONAL ASSEMBLY - FUNCTION
14:45 15:00 0:25Z BLIND RAMS/FLOW CHECK OUT OF HOLE
15:00 17:00 2:00 8A TRIP IN HOLE FROM 95m TO 1101mm, FLOW CHECKS/FILL PIPE @ 484m, 1101m
17:00 19:00 2:00Z RIG SERVICE - INSPECT/GREASE TOP DRIVE & DRAW WORKS, FUNCTION UPPER PIPE
19:00 19:45 0:75 20A RAMS-46ec.T/C
19:45 20:00 0:25 21 ACCUMULATED DIRECTIONAL SURVEYS, WORK PIPE AND CONNECTIONS
20:00 22:45 2:45 8B CONTINUE TRIP INTO HOLE FROM 1101m TO 2175m
22:45 23:45 1:00 20A DRILL 171mm HOLE FROM 2175m TO 2225M.
23:45 24:00 0:25Z CREW CHANGE SAFETY MEETING/PLAN FORWARD

CUTTING STRUCTURE

12 Drill Pipe Stands 263.25m
0 Drill Pipe Singles 0.00m
Kelly Down -31.18m
Total 2225.00m
Weight of DC 0kdaN
Weight of String 77kdaN

METRES DRILLED

HOLE CONDITION
Hole Drag Up 5 Down 8
Torque at Bottom 6500.00Nm
Fill on Bottom 0.00m

REDUCED PUMP SPEED

Pump No. Pressure Strokes/min Depth
1 2475 @ 80 @ 484
2 4488 @ 80 @ 1101
1 3825 @ 80 @ 2168

MUD MATERIALS ADDED

Product Amount Type
OPTI-ONE 8 PAILS
BARITE 84 SX
CALCIUM CHLORIDE 15 SX
OPTIWET 1 BBL
LIME 10 SX
GILSONITE 6 SX

SAFETY

Trip/BHA/Pump Maintenance 75.00kdaN

TOUR 3 SIGNATURE OF DRILLER JOSH GILBERT START TIME 20:00 END TIME 24:00

BITS
Bit Number 4
Size 171
IADC Code
Manufacturer HALIBURTON
Type MMD55C
Serial No 12795239
Jets 8.7 8.7 8.7 8.7 8.7
Depth Out (m) 2175
Depth In (m) 148
Total Drilled (m) 148
Hrs Run Today 2.75
Cumulative Hrs Run 4.75
Entry Date 2016/04/16

DRILLING ASSEMBLY
No Component OD ID Length
1 BIT 159 0 0.33m
1 MOTOR HS 127 0 9.01m
1 NM FLEX MONEL 119 72 9.32m
1 GAP SUB 124 67 1.69m
1 NM FLEX MONEL 118 69 9.27m
1 NM FLEX MONEL 120 72 9.26m
1 X/O 134 61 0.94m
1 160 x 4.5" DP 114 97 1560.00m
1 36 4.5" HWDP 114 70 336.96m

MUD RECORD
Mud Type Water Oil
Time 20:00 23:00
Density 1240 1230
Funnel Viscosity 66s/l 64s/l
Fluid Loss pH
Location of Sample SHAKERS SHAKERS
Depth 2225m 2300m
PVT 51m3 51m3

DEVIATION SURVEYS
Time Depth Deviation Direction Type
20:00 2226.5m 90.2 293.5
20:45 2241.18m 89.6 293.1
21:30 2256m 90.7 293
21:45 2270.43m 91.8 293.1
22:30 2285m 91.1 293.1
23:00 2299.68m 90.3 294.3

TIME LOG
From To Elapsed Code Details of Operations in Sequence & Remarks
20:00 22:45 2:75Z DRILL LATERAL SECTION FROM 2225M-2323M.
22:45 23:45 1:00 20A DIRECTIONAL SURVEYS/CONNECTIONS
23:45 24:00 0:25Z RIG SERVICE/FUNCTION LOWER PIPE RAMS/ 4 SEC TO CLOSE

FRONT PAGE SUMMARY

License No 31604 Well Name ARCCRES HZ PARKLAND A5-9-81-16

Tour Sheet Serial Number 052529_20160417_1B

Vendor Software Version Pason

Year 2016 Month 04 Day 17

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

OP RM table with columns for various roles and dates. Includes logos for CAODC and Pason.

Operator ARC RESOURCES
Contractor PRECISION DRILLING, DIV OF PDCLP
Signature of Operator Representative Sheldon Kashuba

Table with 25 columns for CODE 1-25 and rows for TOUR 1-3. Includes a TOTAL row and a WEATHER section.

TOUR 1 SIGNATURE OF DRILLER JOSH GILBERT 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 JASON GILES 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 JOSH GILBERT 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

Tour Sheet Serial Number: 052529_20160419_1A
 Vendor Software Version: Pason
 Year: 2016, Month: 04, Day: 19
 License No: 31604, Well Name: ARCRES HZ PARKLAND A5-9-81-16
 Surface Location: 05-09-081-16W6
 Prov: BC, Loc Type: DLS, Unique Well Id: 100/14-08-081-16W6/00
 Operator: ARC RESOURCES
 Contractor: PRECISION DRILLING, DIV OF PDCLP
 Rig No: 529, Well Type: HORIZ
 Operator's AFE: 16DRLO04
 Contractor's Job No: 82
 Signature of Operator Representative: Sheldon Kashuba
 Signature of Contractor's Rig Manager: DAVE ACHESON
 Re-Entry:

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) 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



HOURS	CODE																								TOTAL	WEATHER
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
Tour 1																										
Tour 2																										
Tour 3																										
Total																										

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

BITS				DRILLING ASSEMBLY				MUD RECORD				DEVIATION SURVEYS				TIME LOG			
Bit Number: 4	Size: 171	IADC Code:	Manufacturer: HALBURTON	No: 1	Component: BIT	OD: 171	ID: 0	Length: 0.33m	Mud Type: Water	Time: 01:00	Density: 1225	Funnel Viscosity: 49s/l	Fluid Loss: 49s/l	pH: 7	Location of Sample: SHAKERS	Time: 00:00	To: 02:45	Elapsed: 2:45	Code: DRILL 171mm LATERAL SECTION FROM 3425M-3514M.
CUTTING STRUCTURE				HOLE CONDITION				REDUCED PUMP SPEED				SAFETY							
TI: 1, TO: 1, MDC: WT, LOC: H, BRG: X Gage: 171, ODC: NO, Reason Pulled: TD, Total Run (m/hr): 34.11				Kelly Down: -9.68m, Total: 3514.00m, Weight of DC: 0kdaN, Weight of String: 73kdaN				Pump No.: 1, Pressure: 114, Strokes/min: 86, Depth: 3484				Safety Topic: MEHL, MACP DERRICK CONNECTIONS: 95.00kdaN, 2960KPa							

TOUR 2 SIGNATURE OF DRILLER JASON GILES **START TIME** 08:00 **END TIME** 20:00

BITS				DRILLING ASSEMBLY				MUD RECORD				DEVIATION SURVEYS				TIME LOG			
Bit Number: 5	Size: 171	IADC Code:	Manufacturer: SMITH	No: 1	Component: BIT	OD: 171	ID: 0	Length: 0.19m	Mud Type: Water	Time: 01:00	Density: 1230	Funnel Viscosity: 54s/l	Fluid Loss: 54s/l	pH: 7	Location of Sample: SHAKERS	Time: 08:00	To: 11:00	Elapsed: 3:00	Code: CONTINUE TRIP OUT OF HOLE FROM 2016m TO 40m, FLOW CHECKS @ 1635m, 441m, TRIP RECORD-CALC.=13.89m, ACTUAL=16.77m3, DIFF 2.88m3
CUTTING STRUCTURE				HOLE CONDITION				REDUCED PUMP SPEED				SAFETY							
TI: 1, TO: 1, MDC: WT, LOC: H, BRG: X Gage: 171, ODC: NO, Reason Pulled: TD, Total Run (m/hr): 34.11				Kelly Down: -4.67m, Total: 3514.00m, Weight of DC: 0kdaN, Weight of String: 73kdaN				Pump No.: 1, Pressure: 114, Strokes/min: 80, Depth: 2662				Safety Topic: MEHL, MACP Trip/BHA/Slip Drill Line: 73.00kdaN, 2814KPa							

TOUR 3 SIGNATURE OF DRILLER JOSH GILBERT **START TIME** 20:00 **END TIME** 24:00

BITS				DRILLING ASSEMBLY				MUD RECORD				DEVIATION SURVEYS				TIME LOG			
Bit Number: 5	Size: 171	IADC Code:	Manufacturer: SMITH	No: 1	Component: BIT	OD: 171	ID: 0	Length: 0.19m	Mud Type: Water	Time: 20:00	Density: 1230	Funnel Viscosity: 54s/l	Fluid Loss: 54s/l	pH: 7	Location of Sample: SHAKERS	Time: 20:00	To: 20:15	Elapsed: 2:15	Code: SAFETY MEETING PRIOR TO RUNNING LOGGING TOOLS
CUTTING STRUCTURE				HOLE CONDITION				REDUCED PUMP SPEED				SAFETY							
TI: 1, TO: 1, MDC: WT, LOC: H, BRG: X Gage: 171, ODC: NO, Reason Pulled: TD, Total Run (m/hr): 34.11				Kelly Down: -4.67m, Total: 3514.00m, Weight of DC: 0kdaN, Weight of String: 73kdaN				Pump No.: 1, Pressure: 114, Strokes/min: 80, Depth: 2662				Safety Topic: MEHL, MACP RIG UP LOGGING TOOLS: 90.00kdaN, 2769KPa							

FRONT PAGE SUMMARY

Tour Sheet Serial Number: Y52529_20160420_1A
 Vendor Software Version: Pason
 Year: 2016, Month: 04, Day: 20
 License No: 31604, Well Name: ARCRES HZ PARKLAND A5-9-81-16
 Surface Location: 05-09-081-16W6
 Prov BC, Loc Type DLS, Unique Well Id: 100/14-08-081-16W6/00
 Operator: ARC RESOURCES
 Contractor: PRECISION DRILLING, DIV OF PDCLP
 Rig No: 529, Well Type: HORIZ
 Operator's AFE: 16DRLO034
 Contractor's Job No: 82
 Signature of Operator Representative: Doug Shea
 Signature of Contractor's Rig Manager: DAVE ACHESON
 Re-Entry:

DAILY CHECKS

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



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	FUEL @ 08:00 HOURS
Tour 1							5.25	0.25				2.00									0.50					8.00
Tour 2							3.25					1.25	6.75								0.75					12.00
Tour 3								0.25				3.75														4.00
Total							8.50	0.50				3.25	10.50								1.25					24.00

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

BITS		DRILLING ASSEMBLY		MUD RECORD		DEVIATION SURVEYS		TIME LOG	
Bit Number: 5	Size: 171	No: 1	Component: BIT	OD: 171	ID: 0	Mud Type: Water	Time: 0	From: 00:00	To: 02:00
IADC Code: 1	Manufacturer: SMITH	No: 1	Component: BIT SUB	OD: 120	ID: 68	Other: Oil	Density: 1.23	Elapsed: 2:00	Code: 11
Type: 613BPX	Serial No: J11580	No: 1	Component: FLOAT SUB	OD: 132	ID: 68	Funnel Viscosity: 58s/l	Fluid Loss: 58s/l	Code: 25	Details of Operations in Sequence & Remarks
Depth Out (m): 3514	Entry Date: 2016/04/16	No: 1	Component: 1X/O	OD: 132	ID: 68	Location of Sample: 3514m	pH: 11.66	Code: 25	02:00 02:15 0.25 21 WIRELINE LOGS CONTINUE TO RUN WIRELINE LOGS/ RIG OUT WIRELINE LOGGERS FLOW
Cumulative Hrs Run: 0.00		No: 1	Component: Kelly Down	OD: 114	ID: 97	Depth: 1618.50m	pH: 11.4	Code: 25	02:15 07:30 5.25 25B CHECK EVERY 20 MIN W/LOGGING
		No: 1	Component: Total	OD: 114	ID: 70	PVT: 336.96m	pH: 11.4	Code: 25	07:30 07:45 0.25 27 TRIP OUT OF HOLE FROM 3479M-1810M/ WITH 10 MIN FC'S @ 3479M/3250M.
		No: 1	Component: Weight of DC	OD: 114	ID: 70	Remarks: 73kdaN	pH: 11.4	Code: 25	07:45 08:00 0.25 21 SAFETY MEETING / FUNCTION ANNUAL/ 22 SECONDS TO CLOSE
		No: 1	Component: Weight of String	OD: 114	ID: 70		pH: 11.4	Code: 25	07:45 08:00 0.25 21 SAFETY MEETING /CREW CHANGE MEETING
		No: 1	Component: Kelly Down	OD: 114	ID: 97		pH: 11.4	Code: 25	
		No: 1	Component: Total	OD: 114	ID: 97		pH: 11.4	Code: 25	
		No: 1	Component: Weight of DC	OD: 114	ID: 97		pH: 11.4	Code: 25	
		No: 1	Component: Weight of String	OD: 114	ID: 97		pH: 11.4	Code: 25	

TOUR 2 SIGNATURE OF DRILLER JASON GILES **START TIME** 08:00 **END TIME** 20:00

BITS		DRILLING ASSEMBLY		MUD RECORD		DEVIATION SURVEYS		TIME LOG	
Bit Number: 5	Size: 171	No: 1	Component: BIT	OD: 171	ID: 0	Mud Type: Water	Time: 0	From: 08:00	To: 11:15
IADC Code: 1	Manufacturer: SMITH	No: 1	Component: BIT SUB	OD: 120	ID: 68	Other: Oil	Density: 1.23	Elapsed: 3:15	Code: 25
Type: 613BPX	Serial No: J11580	No: 1	Component: FLOAT SUB	OD: 132	ID: 68	Funnel Viscosity: 58s/l	Fluid Loss: 58s/l	Code: 25	Details of Operations in Sequence & Remarks
Depth Out (m): 3514	Entry Date: 2016/04/16	No: 1	Component: 1X/O	OD: 132	ID: 68	Location of Sample: 3514m	pH: 11.66	Code: 25	08:00 11:15 3.25 25B CONTINUE TRIP OUT OF HOLE FROM 1810m TO 0m. FLOW CHECKS @ 1596m, 0m, DIFF=2.8m
Cumulative Hrs Run: 0.00		No: 1	Component: Kelly Down	OD: 114	ID: 97	Depth: 1618.50m	pH: 11.4	Code: 25	11:15 11:30 0.25 21 SAFETY MEETING WITH THRU-BIT LOGGERS
		No: 1	Component: Total	OD: 114	ID: 97	PVT: 336.96m	pH: 11.4	Code: 25	11:30 12:45 1.25 11A LAY OUT LOG TOOLS
		No: 1	Component: Weight of DC	OD: 114	ID: 97	Remarks: 73kdaN	pH: 11.4	Code: 25	12:45 14:45 2.00 12A PREP FLOOR AND RIG UP TO RUN CASING
		No: 1	Component: Weight of String	OD: 114	ID: 97		pH: 11.4	Code: 25	14:45 15:00 0.25 21 REVIEW COP 3-1 - SAFETY MEETING PRIOR TO RUNNING CERT # FOR SHEAVE S/N 57041,SHOCK ASSEMBLY C#57589, 4 1/2" CASING ELEV S# CC4500-01
		No: 1	Component: Kelly Down	OD: 114	ID: 97		pH: 11.4	Code: 25	15:00 19:45 4.75 12B MAKE UP SHOE/FLOAT TRACK-IMPORT TOOL - RUN 114.3mm CASING WITH FIBRE CORD TO XXm
		No: 1	Component: Total	OD: 114	ID: 97		pH: 11.4	Code: 25	19:45 20:00 0.25 21 CREW CHANGE SAFETY MEETING/PLAN FORWARD
		No: 1	Component: Weight of DC	OD: 114	ID: 97		pH: 11.4	Code: 25	
		No: 1	Component: Weight of String	OD: 114	ID: 97		pH: 11.4	Code: 25	

TOUR 3 SIGNATURE OF DRILLER JOSH GILBERT **START TIME** 20:00 **END TIME** 24:00

BITS		DRILLING ASSEMBLY		MUD RECORD		DEVIATION SURVEYS		TIME LOG	
Bit Number: 5	Size: 171	No: 1	Component: BIT	OD: 171	ID: 0	Mud Type: Water	Time: 20:00	From: 20:00	To: 20:15
IADC Code: 1	Manufacturer: SMITH	No: 1	Component: BIT SUB	OD: 120	ID: 68	Other: Oil	Density: 1230	Elapsed: 0.25	Code: 27
Type: 613BPX	Serial No: J11580	No: 1	Component: FLOAT SUB	OD: 132	ID: 68	Funnel Viscosity: 58s/l	Fluid Loss: 58s/l	Code: 25	Details of Operations in Sequence & Remarks
Depth Out (m): 3514	Entry Date: 2016/04/16	No: 1	Component: 1X/O	OD: 132	ID: 68	Location of Sample: 3514m	pH: 11.66	Code: 25	20:00 20:15 0.25 7 RIG SERVICE, F/T ANNUAL 22 SEC TO CLOSE
Cumulative Hrs Run: 0.00		No: 1	Component: Kelly Down	OD: 114	ID: 97	Depth: 1618.50m	pH: 11.4	Code: 25	20:15 24:00 3.75 12B RUN CASING, 10 MIN FLOW CHK @ 610M
		No: 1	Component: Total	OD: 114	ID: 97	PVT: 40m3	pH: 11.4	Code: 25	
		No: 1	Component: Weight of DC	OD: 114	ID: 97	Remarks: 73kdaN	pH: 11.4	Code: 25	
		No: 1	Component: Weight of String	OD: 114	ID: 97		pH: 11.4	Code: 25	
		No: 1	Component: Kelly Down	OD: 114	ID: 97		pH: 11.4	Code: 25	
		No: 1	Component: Total	OD: 114	ID: 97		pH: 11.4	Code: 25	
		No: 1	Component: Weight of DC	OD: 114	ID: 97		pH: 11.4	Code: 25	
		No: 1	Component: Weight of String	OD: 114	ID: 97		pH: 11.4	Code: 25	

FRONT PAGE SUMMARY

License No 31604 Well Name ARGRES HZ PARKLAND A5-9-81-16
 Tour Sheet Serial Number 052529_20160421_1C Pason Vendor Software Version 2016 04 21
 Surface Location 05-09-081-16W6 Prov BC Loc Type DLS Unique Well Id 100/14-08-081-16W6/00
 Operator ARC RESOURCES Contractor PRECISION DRILLING, DIV OF PDCLP Rig No 529 Well Type HORIZ Re-Entry
 Operator's AFE 16DRLO034 Contractor's Job No 82 Spud Date Time 2016/04/10 14:00
 Signature of Operator Representative Doug Shea Signature of Contractor's Rig Manager DAVE ACHESON Rig Release Date Time 2016/04/21 23:59

DAILY CHECKS

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



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 Line	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							0.25					7.25									0.50					8.00
Tour 2					4.00		0.25					6.50										1.25				12.00
Tour 3												0.50			3.25										4.00	
Total					4.00		0.50					14.25			3.25							2.00				24.00

FUEL @ 08:00 HOURS

Rig	13000.00	Water	0.00
Time	05:00	Temp	2.00
Current Conditions	CLEAR		
Wind Direction	SW		
Wind Speed	UP TO 19 KM/H		
Field Condition	GOOD		

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

BITS				DRILLING ASSEMBLY				MUD RECORD				DEVIATION SURVEYS				TIME LOG															
Bit Number	Size	IADC Code	Manufacturer	No	Component	OD	ID	Length	Mud Type	Water	Oil	Other	Time	Depth	Deviation	Direction	Type	From	To	Elapsed	Code	Details of Operations in Sequence & Remarks									
																		00:00	00:15	0:25	7	RIG SERVICE FUNC TESTED ANNULAR 22 SEC T/CLOSE									
																		00:15	01:00	0:75	12B	RUN CASING									
																		01:00	01:15	0:25	21	SAFETY MEETING ON RUNNING CASING, COP 3-1									
																		01:15	07:45	6:50	12B	RIG UP 5 1/2" CASING ELEVATORS, SN-114695 . RUN 161 JOINTS OF L-80/SLF/139mm 34 KG/M CASING FROM 1408M- 2568M.									
																		07:45	08:00	0:25	21	CREW CHANGE HANDOVER MEETING									
CUTTING STRUCTURE				HOLE CONDITION				REDUCED PUMP SPEED				SOLIDS CONTROL				SAFETY															
TI	TO	MDC	LOC	BRG	Drill Pipe	Stands	Drill Pipe	Singles	Kelly Down	Total	Weight of DC	Weight of String	Hole Drag	Up	Down	Pump No.	Pressure	Strokes/min	Depth	Equipment Name	Hours Run	Intake Density	Over Flow Density	Under Flow Density	Boiler #	Hours Run	pH	Stack Temp	Safety Topic	MEHL	MACP

TOUR 2 SIGNATURE OF DRILLER JASON GILES **START TIME** 08:00 **END TIME** 20:00

BITS				DRILLING ASSEMBLY				MUD RECORD				DEVIATION SURVEYS				TIME LOG															
Bit Number	Size	IADC Code	Manufacturer	No	Component	OD	ID	Length	Mud Type	Water	Oil	Other	Time	Depth	Deviation	Direction	Type	From	To	Elapsed	Code	Details of Operations in Sequence & Remarks									
																		08:00	12:45	4:75	12B	5 1/2" CASING ELEVATORS, SN-114695 . CONTINUE RUNNING 161 JOINTS OF L-80/SLF/139mm 34 KG/M CASING FROM 2568M TO 3514m									
																		12:45	13:00	0:25	7	RIG SERVICE FUNC TESTED UPPER HCR 2 SEC T/OPEN									
																		13:00	17:00	4:00	5	CIRCULATE CASING @ 3514m									
																		17:00	18:00	1:00	21	REVIEW COP 4-1 - SAFETY MEETING WITH TRICAN- RIG UP TO CEMENT CASING - FILL LINES/PRESSURE TEST									
																		18:00	19:45	1:75	12C	CEMENTING CASING WITH 5m³ Opti Flush 14L/m³ S-4W + 13L/m³ OF-1L, 2.5m³ Scav @ 1400kg/m³, 31.67m³ (25.11) Titanium 1500+ 0.25% TA-2 + 0.4% AFA-6 + 0.6% TDH-2 + 0.8% TDF-3, 39.85m³ (49.25 t) GasTight 1850 + 0.2% AFA-6 + 0.8%TDF-3 + 1.0% TA-1 + 0.6%LTR.									
																		19:45	20:00	0:25	21	SAFETY MEETING/CREW CHANGE MEETING/MEETING ON CEMENT CASING									
CUTTING STRUCTURE				HOLE CONDITION				REDUCED PUMP SPEED				SOLIDS CONTROL				SAFETY															
TI	TO	MDC	LOC	BRG	Drill Pipe	Stands	Drill Pipe	Singles	Kelly Down	Total	Weight of DC	Weight of String	Hole Drag	Up	Down	Pump No.	Pressure	Strokes/min	Depth	Equipment Name	Hours Run	Intake Density	Over Flow Density	Under Flow Density	Boiler #	Hours Run	pH	Stack Temp	Safety Topic	MEHL	MACP

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	Size	IADC Code	Manufacturer	No	Component	OD	ID	Length	Mud Type	Water	Oil	Other	Time	Depth	Deviation	Direction	Type	From	To	Elapsed	Code	Details of Operations in Sequence & Remarks									
																		20:00	20:30	0:50	12C	CEMENTING CASING Drop plug & Displace with 33.61m³ + 3L/m³ TriCorr-132 + 0.1L/m³ DF-1 H2O, 19.0m³ cement returns to surface, Bump plug 7000 over FCP plug down 20:35 4/21/16. Plugs held, floats held, Well static									
																		20:30	20:45	0:25	21	SAFETY MEETING ON NIPPLE DOWN BOP									
																		20:45	24:00	3:25	14B	NIPPLE DOWN BOPS RIG RELEASED @ 2359 HRS APRIL 21/16									
CUTTING STRUCTURE				HOLE CONDITION				REDUCED PUMP SPEED				SOLIDS CONTROL				SAFETY															
TI	TO	MDC	LOC	BRG	Drill Pipe	Stands	Drill Pipe	Singles	Kelly Down	Total	Weight of DC	Weight of String	Hole Drag	Up	Down	Pump No.	Pressure	Strokes/min	Depth	Equipment Name	Hours Run	Intake Density	Over Flow Density	Under Flow Density	Boiler #	Hours Run	pH	Stack Temp	Safety Topic	MEHL	MACP