

COPRC Dodo Canyon E-76

IX. Tour sheets – Drilling Rig

[illegible]

TOUR		1	SIGNATURE OF DRILLER		CURTIS DAY		START TIME		0:00		END TIME		8:00					
BITS			DRILLING ASSEMBLY				MUD RECORD				DEVIATION SURVEYS				TIME LOG			
Bit Number 311 Size IADC Code REED Manufacturer J&L Type B181332 Serial No. Jct. Depth Out (m) Depth In (m) Total Drilled (m) Hrs Run Today Cumulative Hrs Run Entry Date			1 311mm BIT 311 72 0.34 1 Bit sub 255 70 0.83 2 9" D.C 233 71 14.35 1 Bell sub 232 69 0.88 3 8" D.C 160 60 27.80 1 Jar 157 78 4.73 9 8" D.C 160 60 44.00 1 X/O 4" H-90 162 62 0.80 2 4" HW 132 70 16.14				Mud Type Water <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Other <input type="checkbox"/> Time 00:15 02:15 Capacity 1080 1080 Funnel Viscosity 40 40 Fluid Loss pH Location of Sample Shaker SHAKER Depth 156.00 156.00 PVT 45 46				Details Of Operations In Sequence & Remarks 0:00 0:15 0:25 7 Rlg Service function test crown saver 0:15 7:45 7:50 8B Circulate and work pipe wait on Top Drive parts 7:45 8:00 0:25 21 Crew hand over meeting with rig crews, rig manager, Conoco reps							
Depth Out (m) 156.00 Total Drilled (m) 11.00 Entry Date			Circulation Pump # Type Liner Size SPM Pressure Hrs Run 1 SINGLE 140 95 1120 8.00				SOLIDS CONTROL Equipment Name Hours Run Inlet Density Over Flow Density Under Flow Density Centrifuge #1 8.00 1060 1050 1710				MUD MATERIALS ADDED Product Amount Type Bentonite 10 SX							
CUTTINGS STRUCTURE 1/2" 0.00 3/4" 0.00 1" 0.00 1 1/2" 0.00 2" 0.00 2 1/2" 0.00 3" 0.00 3 1/2" 0.00 4" 0.00 4 1/2" 0.00 5" 0.00 5 1/2" 0.00 6" 0.00 6 1/2" 0.00 7" 0.00 7 1/2" 0.00 8" 0.00 8 1/2" 0.00 9" 0.00 9 1/2" 0.00 10" 0.00 10 1/2" 0.00 11" 0.00 11 1/2" 0.00 12" 0.00 12 1/2" 0.00 13" 0.00 13 1/2" 0.00 14" 0.00 14 1/2" 0.00 15" 0.00 15 1/2" 0.00 16" 0.00 16 1/2" 0.00 17" 0.00 17 1/2" 0.00 18" 0.00 18 1/2" 0.00 19" 0.00 19 1/2" 0.00 20" 0.00 20 1/2" 0.00 21" 0.00 21 1/2" 0.00 22" 0.00 22 1/2" 0.00 23" 0.00 23 1/2" 0.00 24" 0.00 24 1/2" 0.00 25" 0.00 25 1/2" 0.00 26" 0.00 26 1/2" 0.00 27" 0.00 27 1/2" 0.00 28" 0.00 28 1/2" 0.00 29" 0.00 29 1/2" 0.00 30" 0.00 30 1/2" 0.00 31" 0.00 31 1/2" 0.00 32" 0.00 32 1/2" 0.00 33" 0.00 33 1/2" 0.00 34" 0.00 34 1/2" 0.00 35" 0.00 35 1/2" 0.00 36" 0.00 36 1/2" 0.00 37" 0.00 37 1/2" 0.00 38" 0.00 38 1/2" 0.00 39" 0.00 39 1/2" 0.00 40" 0.00 40 1/2" 0.00 41" 0.00 41 1/2" 0.00 42" 0.00 42 1/2" 0.00 43" 0.00 43 1/2" 0.00 44" 0.00 44 1/2" 0.00 45" 0.00 45 1/2" 0.00 46" 0.00 46 1/2" 0.00 47" 0.00 47 1/2" 0.00 48" 0.00 48 1/2" 0.00 49" 0.00 49 1/2" 0.00 50" 0.00 50 1/2" 0.00 51" 0.00 51 1/2" 0.00 52" 0.00 52 1/2" 0.00 53" 0.00 53 1/2" 0.00 54" 0.00 54 1/2" 0.00 55" 0.00 55 1/2" 0.00 56" 0.00 56 1/2" 0.00 57" 0.00 57 1/2" 0.00 58" 0.00 58 1/2" 0.00 59" 0.00 59 1/2" 0.00 60" 0.00 60 1/2" 0.00 61" 0.00 61 1/2" 0.00 62" 0.00 62 1/2" 0.00 63" 0.00 63 1/2" 0.00 64" 0.00 64 1/2" 0.00 65" 0.00 65 1/2" 0.00 66" 0.00 66 1/2" 0.00 67" 0.00 67 1/2" 0.00 68" 0.00 68 1/2" 0.00 69" 0.00 69 1/2" 0.00 70" 0.00 70 1/2" 0.00 71" 0.00 71 1/2" 0.00 72" 0.00 72 1/2" 0.00 73" 0.00 73 1/2" 0.00 74" 0.00 74 1/2" 0.00 75" 0.00 75 1/2" 0.00 76" 0.00 76 1/2" 0.00 77" 0.00 77 1/2" 0.00 78" 0.00 78 1/2" 0.00 79" 0.00 79 1/2" 0.00 80" 0.00 80 1/2" 0.00 81" 0.00 81 1/2" 0.00 82" 0.00 82 1/2" 0.00 83" 0.00 83 1/2" 0.00 84" 0.00 84 1/2" 0.00 85" 0.00 85 1/2" 0.00 86" 0.00 86 1/2" 0.00 87" 0.00 87 1/2" 0.00 88" 0.00 88 1/2" 0.00 89" 0.00 89 1/2" 0.00 90" 0.00 90 1/2" 0.00 91" 0.00 91 1/2" 0.00 92" 0.00 92 1/2" 0.00 93" 0.00 93 1/2" 0.00 94" 0.00 94 1/2" 0.00 95" 0.00 95 1/2" 0.00 96" 0.00 96 1/2" 0.00 97" 0.00 97 1/2" 0.00 98" 0.00 98 1/2" 0.00 99" 0.00 99 1/2" 0.00 100" 0.00 100 1/2" 0.00 101" 0.00 101 1/2" 0.00																		

[illegible][illegible]

[illegible]

FRONT PAGE SUMMARY										TOOL STREET NUMBER										VENDOR SOFTWARE VERSION										DAILY CHECKS										OP RM																													
WID-2082										BEAV2_20140102_1A										RMS 2013.8.14.27/104										2014										01										02																			
COPRC Dodo Canyon E-76 65-10 126-45										E-76-65-10-126-45										NT										CLSS										Wipe Width																													
Conoco Canada										Beaver Drilling Ltd.										2										HORIZ																																							
10351817										151										28-Dec-2013										06:30																																							
Signature of Operator's Representative										Signature of Contractor's Rig Manager																																																											
RICHARD TURGEON										RICK YAVIS																																																											
TOUR 1										SIGNATURE OF DRILLER										BRIAN BERGSETH										START TIME										0:00										END TIME										8:00									
TOUR 2										SIGNATURE OF DRILLER										MARCUS HALLOWES										START TIME										8:00										END TIME										16:00									
TOUR 3										SIGNATURE OF DRILLER										BRIAN BERGSETH										START TIME										16:00										END TIME										24:00									
TOUR 4										SIGNATURE OF DRILLER										BRIAN BERGSETH										START TIME										16:00										END TIME										24:00									
TOUR 5										SIGNATURE OF DRILLER										BRIAN BERGSETH										START TIME										16:00										END TIME										24:00									
TOUR 6										SIGNATURE OF DRILLER										BRIAN BERGSETH										START TIME										16:00										END TIME										24:00									
TOUR 7										SIGNATURE OF DRILLER										BRIAN BERGSETH										START TIME										16:00										END TIME										24:00									
TOUR 8										SIGNATURE OF DRILLER										BRIAN BERGSETH										START TIME										16:00										END TIME										24:00									
TOUR 9										SIGNATURE OF DRILLER										BRIAN BERGSETH										START TIME										16:00										END TIME										24:00									
TOUR 10										SIGNATURE OF DRILLER										BRIAN BERGSETH										START TIME										16:00										END TIME										24:00									
TOUR 11										SIGNATURE OF DRILLER										BRIAN BERGSETH										START TIME										16:00										END TIME										24:00									
TOUR 12										SIGNATURE OF DRILLER										BRIAN BERGSETH										START TIME										16:00										END TIME										24:00									
TOUR 13										SIGNATURE OF DRILLER										BRIAN BERGSETH										START TIME										16:00										END TIME										24:00									
TOUR 14										SIGNATURE OF DRILLER										BRIAN BERGSETH										START TIME										16:00										END TIME										24:00									
TOUR 15										SIGNATURE OF DRILLER										BRIAN BERGSETH										START TIME										16:00										END TIME										24:00									
TOUR 16										SIGNATURE OF DRILLER										BRIAN BERGSETH										START TIME										16:00										END TIME										24:00									
TOUR 17										SIGNATURE OF DRILLER										BRIAN BERGSETH										START TIME										16:00										END TIME										24:00									
TOUR 18										SIGNATURE OF DRILLER										BRIAN BERGSETH										START TIME										16:00										END TIME										24:00									
TOUR 19										SIGNATURE OF DRILLER										BRIAN BERGSETH										START TIME										16:00										END TIME										24:00									
TOUR 20										SIGNATURE OF DRILLER										BRIAN BERGSETH										START TIME										16:00										END TIME										24:00									
TOUR 21										SIGNATURE OF DRILLER										BRIAN BERGSETH										START TIME										16:00										END TIME										24:00									
TOUR 22										SIGNATURE OF DRILLER										BRIAN BERGSETH										START TIME										16:00										END TIME										24:00									
TOUR 23										SIGNATURE OF DRILLER										BRIAN BERGSETH										START TIME										16:00										END TIME										24:00									
TOUR 24										SIGNATURE OF DRILLER										BRIAN BERGSETH										START TIME										16:00										END TIME										24:00									
TOUR 25										SIGNATURE OF DRILLER										BRIAN BERGSETH										START TIME										16:00										END TIME										24:00									
TOUR 26										SIGNATURE OF DRILLER										BRIAN BERGSETH										START TIME										16:00										END TIME										24:00									
TOUR 27										SIGNATURE OF DRILLER										BRIAN BERGSETH										START TIME										16:00										END TIME										24:00									
TOUR 28										SIGNATURE OF DRILLER										BRIAN BERGSETH										START TIME										16:00										END TIME										24:00									
TOUR 29										SIGNATURE OF DRILLER										BRIAN BERGSETH										START TIME										16:00										END TIME										24:00									
TOUR 30										SIGNATURE OF DRILLER										BRIAN BERGSETH										START TIME										16:00																													

[illegible]

FRONT PAGE SUMMARY															Tool Street Serial Number		Vendor Software Version		Year		Month		Day		DAILY CHECKS		OP PM																																																																																																																																																																								
License No: WID-2082 Well Name: COPRC Dodo Canyon E-76 65-10 126-45 Operator: Conoco Canada Contractor: Beaver Drilling Ltd. Supervisor: 10351817 Crewmembers: 151 Signature of Operator's Representative: RICHARD TURGEON Signature of Contractor's Rep Manager: RICK YAVIS															E-76-65-10-126-45		NT		CLS		2		HORIZ		(1) Daily Well Around Inspection (2) Detailed Inspection - Weekly (Using Check List) (3) HSE Sign Position Required (4) Well Location & Spill Diagram Posted (5) Flare Lines Staked (6) SOP Code Performed (7) Visually Inspected SOP-Flare Lines & Disperser Lines (8) GAO-2000 Rig Safety Inspection Checklist (perpetually) (9) Mast Inspection before Raising or Lowering (10) Crown Near Checked (11) Under Ribs Checked		BT RV AT RV AT RV RV RV																																																																																																																																																																								
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Code</th> <th>1</th><th>2</th><th>3</th><th>4</th><th>5</th><th>6</th><th>7</th><th>8</th><th>9</th><th>10</th><th>11</th><th>12</th><th>13</th><th>14</th><th>15</th><th>16</th><th>17</th><th>18</th><th>19</th><th>20</th><th>21</th><th>22</th><th>23</th><th>24</th><th>25</th> <th>TOTAL</th> <th>FUEL @ 08.00 HRS</th> <th>WIND DIRECTION</th> <th>WIND SPEED</th> <th>WATER TEMPERATURE</th> <th>WELL TEMPERATURE</th> <th>WELL PRESSURE</th> <th>WELL STATUS</th> </tr> </thead> <tbody> <tr> <td>Hour 1</td> <td></td><td></td><td></td><td></td><td>2.25</td><td></td><td>0.25</td><td></td><td></td><td></td><td></td><td></td><td>5.00</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.50</td><td></td><td></td><td></td><td></td> <td>8.00</td> <td>120</td> <td>08:15</td> <td>42</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Hour 2</td> <td></td><td></td><td></td><td></td><td></td><td></td><td>0.25</td><td></td><td></td><td></td><td></td><td></td><td>4.00</td><td></td><td>4.00</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> <td>8.00</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Hour 3</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>4.75</td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.25</td><td></td><td></td><td></td><td></td> <td>2.75</td> <td>8.00</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>TOTAL</td> <td></td><td></td><td></td><td></td><td>2.25</td><td></td><td>0.50</td><td></td><td></td><td></td><td></td><td></td><td>9.00</td><td></td><td>8.75</td><td></td><td></td><td></td><td></td><td></td><td>0.75</td><td></td><td></td><td></td><td></td> <td>2.75</td> <td>24.00</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>																									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 HRS	WIND DIRECTION	WIND SPEED	WATER TEMPERATURE	WELL TEMPERATURE	WELL PRESSURE	WELL STATUS	Hour 1					2.25		0.25						5.00									0.50					8.00	120	08:15	42					Hour 2							0.25						4.00		4.00											8.00								Hour 3														4.75							0.25					2.75	8.00							TOTAL					2.25		0.50						9.00		8.75						0.75					2.75	24.00						
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 HRS	WIND DIRECTION	WIND SPEED	WATER TEMPERATURE	WELL TEMPERATURE	WELL PRESSURE	WELL STATUS																																																																																																																																																																		
Hour 1					2.25		0.25						5.00									0.50					8.00	120	08:15	42																																																																																																																																																																					
Hour 2							0.25						4.00		4.00											8.00																																																																																																																																																																									
Hour 3														4.75							0.25					2.75	8.00																																																																																																																																																																								
TOTAL					2.25		0.50						9.00		8.75						0.75					2.75	24.00																																																																																																																																																																								
TOUR 1															SIGNATURE OF DRILLER: BRIAN BERGSETH										START TIME: 0:00		END TIME: 8:00																																																																																																																																																																								
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">BITS</th> <th colspan="4">DRILLING ASSEMBLY</th> <th colspan="4">MUD RECORD</th> <th colspan="4">DEVIATION SURVEYS</th> <th colspan="4">TIME LOG</th> </tr> </thead> <tbody> <tr> <td colspan="4"> Bit Number: Size: IADC Code: Manufacturer: Type: Serial No: Job: </td> <td colspan="4"> No: Compacted: OD: ID: Length: </td> <td colspan="4"> Mud Type: Water: <input checked="" type="checkbox"/> Oil: <input type="checkbox"/> Other: <input type="checkbox"/> Time: 05:00 Density: 1200 Funnel Viscosity: 53 Fluid Loss: pH: Location of Sample: shaker Depth: 603.00 PVT: 46 </td> <td colspan="4"> Time: Depth: Deviation: Direction: Type: </td> <td colspan="4"> From: To: Elapsed: Code: Details Of Operations In Sequence & Remarks </td> </tr> <tr> <td colspan="4"> Depth Out (m): Depth In (m): Total Drilled (m): Hrs Run Today: Cumulative Hrs Run: Entry Date: </td> <td colspan="4"> Drill Pipe: Stands: 0.00 Drill Pipe: Stands: 0.00 Remarks: </td> <td colspan="4"> Circulation: Pump # Type: Liner Size: SPM: Pressure: Hrs Run: 1 SINGLE 140 110 500 3.00 </td> <td colspan="4"> SOLIDS CONTROL: Equipment: Name: Hours: Run: Intake: Density: Over Flow: Density: Under Flow: Density: </td> <td colspan="4"> 0:00 2:30 2:50 12B Run 244.5mm, 53.57kg/m, K-55, LTC surface casing from 603m to 5.20m with Hallmark power logs. Total length of 244.5mm surface casing. 603.83m. Landed at 603m, tagged bottom at 603m, float at 589.01m. </td> </tr> <tr> <td colspan="4"> CUTTING STRUCTURE: TO: GDC: MDC: LDC: BNC: Weight of Bit: 48.00 </td> <td colspan="4"> HOLE CONDITION: Hole Drag: Up: Down: Torque At Bottom: Fit On Bottom: </td> <td colspan="4"> REDUCED PUMP SPEED: Pump # Pressure: Strokes/min: Depth: </td> <td colspan="4"> MUD MATERIALS ADDED: Product: Amount: Type: Desco 2 bags </td> <td colspan="4"> 2:30 2:45 0:25 7 Rig service 11 crown saver 2:45 5:00 2:25 5 Circulate & condition mud & hole 5:00 5:15 0:25 21 Hold safety meeting with cementers and everyone on location prior to cementing 244.5mm surface casing 5:15 6:30 1:25 12 Rig up Schlumberger cementers to cement 244.5mm surface casing, pump 5m3 of 1000kg/m3 fresh water, stop and pressure test line to 21,000kPa (hold OK), bleed off pressure. 6:30 7:00 0:50 12 Then pump 5m3 of 1300kg/m3 MudPush II pre-flush spacer and then pump 32 tonnes/29.5m3 (50% excess) of RFC 1740 cement with 0.2% Anti-Foam + 1.0% CaCl2 + 1.1% Low Temp Fluid Loss + 0.6% Dispersant from 603m to 5.20m. Drop plug and displace 23.8m3 of fresh water. 7:00 7:30 0:50 12 Pump plus 3,500kPa over final circulating pressure of 6,500kPa at 7:45hrs on January 4th 2014, bleed pressure and check floats (holding OK). Pressure test casing to 11,500kPa for 10 minutes (holding OK). 7:30 7:45 0:25 12 Bleed pressure, flush diverter and rig out cementers. Good cement returns: 8.0m3. 7:45 8:00 0:25 21 Crew hand over meeting with rig crews, rig manager, Conoco reps. </td> </tr> <tr> <td colspan="4"> METRES DRILLED: From: To: D-R-C: RPM: WOB: </td> <td colspan="4"> HOLE CONDITION: Hole Drag: Up: Down: Torque At Bottom: Fit On Bottom: </td> <td colspan="4"> REDUCED PUMP SPEED: Pump # Pressure: Strokes/min: Depth: </td> <td colspan="4"> BOILER: BoilerNo: HoursRun: pH: StackTemp: 1 8.00 11 450 2 8.00 11 450 </td> <td colspan="4"> SAFETY: Safety Topic: MEHL: MACP: </td> </tr> </tbody> </table>																									BITS				DRILLING ASSEMBLY				MUD RECORD				DEVIATION SURVEYS				TIME LOG				Bit Number: Size: IADC Code: Manufacturer: Type: Serial No: Job:				No: Compacted: OD: ID: Length:				Mud Type: Water: <input checked="" type="checkbox"/> Oil: <input type="checkbox"/> Other: <input type="checkbox"/> Time: 05:00 Density: 1200 Funnel Viscosity: 53 Fluid Loss: pH: Location of Sample: shaker Depth: 603.00 PVT: 46				Time: Depth: Deviation: Direction: Type:				From: To: Elapsed: Code: Details Of Operations In Sequence & Remarks				Depth Out (m): Depth In (m): Total Drilled (m): Hrs Run Today: Cumulative Hrs Run: Entry Date:				Drill Pipe: Stands: 0.00 Drill Pipe: Stands: 0.00 Remarks:				Circulation: Pump # Type: Liner Size: SPM: Pressure: Hrs Run: 1 SINGLE 140 110 500 3.00				SOLIDS CONTROL: Equipment: Name: Hours: Run: Intake: Density: Over Flow: Density: Under Flow: Density:				0:00 2:30 2:50 12B Run 244.5mm, 53.57kg/m, K-55, LTC surface casing from 603m to 5.20m with Hallmark power logs. Total length of 244.5mm surface casing. 603.83m. Landed at 603m, tagged bottom at 603m, float at 589.01m.				CUTTING STRUCTURE: TO: GDC: MDC: LDC: BNC: Weight of Bit: 48.00				HOLE CONDITION: Hole Drag: Up: Down: Torque At Bottom: Fit On Bottom:				REDUCED PUMP SPEED: Pump # Pressure: Strokes/min: Depth:				MUD MATERIALS ADDED: Product: Amount: Type: Desco 2 bags				2:30 2:45 0:25 7 Rig service 11 crown saver 2:45 5:00 2:25 5 Circulate & condition mud & hole 5:00 5:15 0:25 21 Hold safety meeting with cementers and everyone on location prior to cementing 244.5mm surface casing 5:15 6:30 1:25 12 Rig up Schlumberger cementers to cement 244.5mm surface casing, pump 5m3 of 1000kg/m3 fresh water, stop and pressure test line to 21,000kPa (hold OK), bleed off pressure. 6:30 7:00 0:50 12 Then pump 5m3 of 1300kg/m3 MudPush II pre-flush spacer and then pump 32 tonnes/29.5m3 (50% excess) of RFC 1740 cement with 0.2% Anti-Foam + 1.0% CaCl2 + 1.1% Low Temp Fluid Loss + 0.6% Dispersant from 603m to 5.20m. Drop plug and displace 23.8m3 of fresh water. 7:00 7:30 0:50 12 Pump plus 3,500kPa over final circulating pressure of 6,500kPa at 7:45hrs on January 4th 2014, bleed pressure and check floats (holding OK). Pressure test casing to 11,500kPa for 10 minutes (holding OK). 7:30 7:45 0:25 12 Bleed pressure, flush diverter and rig out cementers. Good cement returns: 8.0m3. 7:45 8:00 0:25 21 Crew hand over meeting with rig crews, rig manager, Conoco reps.				METRES DRILLED: From: To: D-R-C: RPM: WOB:				HOLE CONDITION: Hole Drag: Up: Down: Torque At Bottom: Fit On Bottom:				REDUCED PUMP SPEED: Pump # Pressure: Strokes/min: Depth:				BOILER: BoilerNo: HoursRun: pH: StackTemp: 1 8.00 11 450 2 8.00 11 450				SAFETY: Safety Topic: MEHL: MACP:																																																																										
BITS				DRILLING ASSEMBLY				MUD RECORD				DEVIATION SURVEYS				TIME LOG																																																																																																																																																																																			
Bit Number: Size: IADC Code: Manufacturer: Type: Serial No: Job:				No: Compacted: OD: ID: Length:				Mud Type: Water: <input checked="" type="checkbox"/> Oil: <input type="checkbox"/> Other: <input type="checkbox"/> Time: 05:00 Density: 1200 Funnel Viscosity: 53 Fluid Loss: pH: Location of Sample: shaker Depth: 603.00 PVT: 46				Time: Depth: Deviation: Direction: Type:				From: To: Elapsed: Code: Details Of Operations In Sequence & Remarks																																																																																																																																																																																			
Depth Out (m): Depth In (m): Total Drilled (m): Hrs Run Today: Cumulative Hrs Run: Entry Date:				Drill Pipe: Stands: 0.00 Drill Pipe: Stands: 0.00 Remarks:				Circulation: Pump # Type: Liner Size: SPM: Pressure: Hrs Run: 1 SINGLE 140 110 500 3.00				SOLIDS CONTROL: Equipment: Name: Hours: Run: Intake: Density: Over Flow: Density: Under Flow: Density:				0:00 2:30 2:50 12B Run 244.5mm, 53.57kg/m, K-55, LTC surface casing from 603m to 5.20m with Hallmark power logs. Total length of 244.5mm surface casing. 603.83m. Landed at 603m, tagged bottom at 603m, float at 589.01m.																																																																																																																																																																																			
CUTTING STRUCTURE: TO: GDC: MDC: LDC: BNC: Weight of Bit: 48.00				HOLE CONDITION: Hole Drag: Up: Down: Torque At Bottom: Fit On Bottom:				REDUCED PUMP SPEED: Pump # Pressure: Strokes/min: Depth:				MUD MATERIALS ADDED: Product: Amount: Type: Desco 2 bags				2:30 2:45 0:25 7 Rig service 11 crown saver 2:45 5:00 2:25 5 Circulate & condition mud & hole 5:00 5:15 0:25 21 Hold safety meeting with cementers and everyone on location prior to cementing 244.5mm surface casing 5:15 6:30 1:25 12 Rig up Schlumberger cementers to cement 244.5mm surface casing, pump 5m3 of 1000kg/m3 fresh water, stop and pressure test line to 21,000kPa (hold OK), bleed off pressure. 6:30 7:00 0:50 12 Then pump 5m3 of 1300kg/m3 MudPush II pre-flush spacer and then pump 32 tonnes/29.5m3 (50% excess) of RFC 1740 cement with 0.2% Anti-Foam + 1.0% CaCl2 + 1.1% Low Temp Fluid Loss + 0.6% Dispersant from 603m to 5.20m. Drop plug and displace 23.8m3 of fresh water. 7:00 7:30 0:50 12 Pump plus 3,500kPa over final circulating pressure of 6,500kPa at 7:45hrs on January 4th 2014, bleed pressure and check floats (holding OK). Pressure test casing to 11,500kPa for 10 minutes (holding OK). 7:30 7:45 0:25 12 Bleed pressure, flush diverter and rig out cementers. Good cement returns: 8.0m3. 7:45 8:00 0:25 21 Crew hand over meeting with rig crews, rig manager, Conoco reps.																																																																																																																																																																																			
METRES DRILLED: From: To: D-R-C: RPM: WOB:				HOLE CONDITION: Hole Drag: Up: Down: Torque At Bottom: Fit On Bottom:				REDUCED PUMP SPEED: Pump # Pressure: Strokes/min: Depth:				BOILER: BoilerNo: HoursRun: pH: StackTemp: 1 8.00 11 450 2 8.00 11 450				SAFETY: Safety Topic: MEHL: MACP:																																																																																																																																																																																			
TOUR 2															SIGNATURE OF DRILLER: MARCUS HALLOWES										START TIME: 8:00		END TIME: 16:00																																																																																																																																																																								
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">BITS</th> <th colspan="4">DRILLING ASSEMBLY</th> <th colspan="4">MUD RECORD</th> <th colspan="4">DEVIATION SURVEYS</th> <th colspan="4">TIME LOG</th> </tr> </thead> <tbody> <tr> <td colspan="4"> Bit Number: Size: IADC Code: Manufacturer: Type: Serial No: Job: </td> <td colspan="4"> No: Compacted: OD: ID: Length: </td> <td colspan="4"> Mud Type: Water: <input checked="" type="checkbox"/> Oil: <input type="checkbox"/> Other: <input type="checkbox"/> Time: Density: Funnel Viscosity: Fluid Loss: pH: Location of Sample: Depth: PVT: </td> <td colspan="4"> Time: Depth: Deviation: Direction: Type: </td> <td colspan="4"> From: To: Elapsed: Code: Details Of Operations In Sequence & Remarks </td> </tr> <tr> <td colspan="4"> Depth Out (m): Depth In (m): Total Drilled (m): Hrs Run Today: Cumulative Hrs Run: Entry Date: </td> <td colspan="4"> Drill Pipe: Stands: Drill Pipe: Stands: Remarks: </td> <td colspan="4"> Circulation: Pump # Type: Liner Size: SPM: Pressure: Hrs Run: </td> <td colspan="4"> SOLIDS CONTROL: Equipment: Name: Hours: Run: Intake: Density: Over Flow: Density: Under Flow: Density: </td> <td colspan="4"> 8:00 8:30 0:50 12 Flush stack 8:30 12:00 3:50 12 Wait on cement for 4 hrs 12:00 14:00 2:00 14C Cut diverter, cut surface casing, tear out diverter and dress casing for casing bowl. 14:00 16:00 2:00 14A Install and weld on casing bowl </td> </tr> <tr> <td colspan="4"> CUTTING STRUCTURE: TO: GDC: MDC: LDC: BNC: Weight of Bit: </td> <td colspan="4"> HOLE CONDITION: Hole Drag: Up: Down: Torque At Bottom: Fit On Bottom: </td> <td colspan="4"> REDUCED PUMP SPEED: Pump # Pressure: Strokes/min: Depth: </td> <td colspan="4"> MUD MATERIALS ADDED: Product: Amount: Type: </td> <td colspan="4"> Remarks: Level one overhead inspection mh Blew down boiler 2 times @ 100L </td> </tr> <tr> <td colspan="4"> METRES DRILLED: From: To: D-R-C: RPM: WOB: </td> <td colspan="4"> HOLE CONDITION: Hole Drag: Up: Down: Torque At Bottom: Fit On Bottom: </td> <td colspan="4"> REDUCED PUMP SPEED: Pump # Pressure: Strokes/min: Depth: </td> <td colspan="4"> BOILER: BoilerNo: HoursRun: pH: StackTemp: 1 8.00 11 450 2 8.00 11 450 </td> <td colspan="4"> SAFETY: Safety Topic: MEHL: MACP: </td> </tr> </tbody> </table>																									BITS				DRILLING ASSEMBLY				MUD RECORD				DEVIATION SURVEYS				TIME LOG				Bit Number: Size: IADC Code: Manufacturer: Type: Serial No: Job:				No: Compacted: OD: ID: Length:				Mud Type: Water: <input checked="" type="checkbox"/> Oil: <input type="checkbox"/> Other: <input type="checkbox"/> Time: Density: Funnel Viscosity: Fluid Loss: pH: Location of Sample: Depth: PVT:				Time: Depth: Deviation: Direction: Type:				From: To: Elapsed: Code: Details Of Operations In Sequence & Remarks				Depth Out (m): Depth In (m): Total Drilled (m): Hrs Run Today: Cumulative Hrs Run: Entry Date:				Drill Pipe: Stands: Drill Pipe: Stands: Remarks:				Circulation: Pump # Type: Liner Size: SPM: Pressure: Hrs Run:				SOLIDS CONTROL: Equipment: Name: Hours: Run: Intake: Density: Over Flow: Density: Under Flow: Density:				8:00 8:30 0:50 12 Flush stack 8:30 12:00 3:50 12 Wait on cement for 4 hrs 12:00 14:00 2:00 14C Cut diverter, cut surface casing, tear out diverter and dress casing for casing bowl. 14:00 16:00 2:00 14A Install and weld on casing bowl				CUTTING STRUCTURE: TO: GDC: MDC: LDC: BNC: Weight of Bit:				HOLE CONDITION: Hole Drag: Up: Down: Torque At Bottom: Fit On Bottom:				REDUCED PUMP SPEED: Pump # Pressure: Strokes/min: Depth:				MUD MATERIALS ADDED: Product: Amount: Type:				Remarks: Level one overhead inspection mh Blew down boiler 2 times @ 100L				METRES DRILLED: From: To: D-R-C: RPM: WOB:				HOLE CONDITION: Hole Drag: Up: Down: Torque At Bottom: Fit On Bottom:				REDUCED PUMP SPEED: Pump # Pressure: Strokes/min: Depth:				BOILER: BoilerNo: HoursRun: pH: StackTemp: 1 8.00 11 450 2 8.00 11 450				SAFETY: Safety Topic: MEHL: MACP:																																																																										
BITS				DRILLING ASSEMBLY				MUD RECORD				DEVIATION SURVEYS				TIME LOG																																																																																																																																																																																			
Bit Number: Size: IADC Code: Manufacturer: Type: Serial No: Job:				No: Compacted: OD: ID: Length:				Mud Type: Water: <input checked="" type="checkbox"/> Oil: <input type="checkbox"/> Other: <input type="checkbox"/> Time: Density: Funnel Viscosity: Fluid Loss: pH: Location of Sample: Depth: PVT:				Time: Depth: Deviation: Direction: Type:				From: To: Elapsed: Code: Details Of Operations In Sequence & Remarks																																																																																																																																																																																			
Depth Out (m): Depth In (m): Total Drilled (m): Hrs Run Today: Cumulative Hrs Run: Entry Date:				Drill Pipe: Stands: Drill Pipe: Stands: Remarks:				Circulation: Pump # Type: Liner Size: SPM: Pressure: Hrs Run:				SOLIDS CONTROL: Equipment: Name: Hours: Run: Intake: Density: Over Flow: Density: Under Flow: Density:				8:00 8:30 0:50 12 Flush stack 8:30 12:00 3:50 12 Wait on cement for 4 hrs 12:00 14:00 2:00 14C Cut diverter, cut surface casing, tear out diverter and dress casing for casing bowl. 14:00 16:00 2:00 14A Install and weld on casing bowl																																																																																																																																																																																			
CUTTING STRUCTURE: TO: GDC: MDC: LDC: BNC: Weight of Bit:				HOLE CONDITION: Hole Drag: Up: Down: Torque At Bottom: Fit On Bottom:				REDUCED PUMP SPEED: Pump # Pressure: Strokes/min: Depth:				MUD MATERIALS ADDED: Product: Amount: Type:				Remarks: Level one overhead inspection mh Blew down boiler 2 times @ 100L																																																																																																																																																																																			
METRES DRILLED: From: To: D-R-C: RPM: WOB:				HOLE CONDITION: Hole Drag: Up: Down: Torque At Bottom: Fit On Bottom:				REDUCED PUMP SPEED: Pump # Pressure: Strokes/min: Depth:				BOILER: BoilerNo: HoursRun: pH: StackTemp: 1 8.00 11 450 2 8.00 11 450				SAFETY: Safety Topic: MEHL: MACP:																																																																																																																																																																																			
TOUR 3															SIGNATURE OF DRILLER: BRIAN BERGSETH										START TIME: 16:00		END TIME: 24:00																																																																																																																																																																								
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">BITS</th> <th colspan="4">DRILLING ASSEMBLY</th> <th colspan="4">MUD RECORD</th> <th colspan="4">DEVIATION SURVEYS</th> <th colspan="4">TIME LOG</th> </tr> </thead> <tbody> <tr> <td colspan="4"> Bit Number: Size: IADC Code: Manufacturer: Type: Serial No: Job: </td> <td colspan="4"> No: Compacted: OD: ID: Length: </td> <td colspan="4"> Mud Type: Water: <input checked="" type="checkbox"/> Oil: <input type="checkbox"/> Other: <input type="checkbox"/> Time: Density: Funnel Viscosity: Fluid Loss: pH: Location of Sample: Depth: PVT: </td> <td colspan="4"> Time: Depth: Deviation: Direction: Type: </td> <td colspan="4"> From: To: Elapsed: Code: Details Of Operations In Sequence & Remarks </td> </tr> <tr> <td colspan="4"> Depth Out (m): Depth In (m): Total Drilled (m): Hrs Run Today: Cumulative Hrs Run: Entry Date: </td> <td colspan="4"> Drill Pipe: Stands: Drill Pipe: Stands: Remarks: </td> <td colspan="4"> Circulation: Pump # Type: Liner Size: SPM: Pressure: Hrs Run: </td> <td colspan="4"> SOLIDS CONTROL: Equipment: Name: Hours: Run: Intake: Density: Over Flow: Density: Under Flow: Density: </td> <td colspan="4"> 16:00 16:15 0:25 7 Rig service function test crown saver & motor kils 16:15 18:30 2:25 14A Install and weld on casing bowl 18:30 18:45 0:25 14A Wait on bowl to cool, hook up fair lines and slip back mud 18:45 18:00 0:25 21 Crew handover meeting with both crews and conoco reps 19:00 21:45 2:25 25 Wait on bowl to cool, hook up fair lines and slip back mud 21:45 24:00 2:25 14A Pick up and nipple up multi-bowl, install and nipple up BOP </td> </tr> <tr> <td colspan="4"> CUTTING STRUCTURE: TO: GDC: MDC: LDC: BNC: Weight of Bit: </td> <td colspan="4"> HOLE CONDITION: Hole Drag: Up: Down: Torque At Bottom: Fit On Bottom: </td> <td colspan="4"> REDUCED PUMP SPEED: Pump # Pressure: Strokes/min: Depth: </td> <td colspan="4"> MUD MATERIALS ADDED: Product: Amount: Type: </td> <td colspan="4"> Remarks: blow down boilers 200 l </td> </tr> <tr> <td colspan="4"> METRES DRILLED: From: To: D-R-C: RPM: WOB: </td> <td colspan="4"> HOLE CONDITION: Hole Drag: Up: Down: Torque At Bottom: Fit On Bottom: </td> <td colspan="4"> REDUCED PUMP SPEED: Pump # Pressure: Strokes/min: Depth: </td> <td colspan="4"> BOILER: BoilerNo: HoursRun: pH: StackTemp: 1 8.00 11 450 2 8.00 10.5 450 </td> <td colspan="4"> SAFETY: Safety Topic: MEHL: MACP: nipple up b.o.p. j.s.s # 111 </td> </tr> </tbody> </table>																									BITS				DRILLING ASSEMBLY				MUD RECORD				DEVIATION SURVEYS				TIME LOG				Bit Number: Size: IADC Code: Manufacturer: Type: Serial No: Job:				No: Compacted: OD: ID: Length:				Mud Type: Water: <input checked="" type="checkbox"/> Oil: <input type="checkbox"/> Other: <input type="checkbox"/> Time: Density: Funnel Viscosity: Fluid Loss: pH: Location of Sample: Depth: PVT:				Time: Depth: Deviation: Direction: Type:				From: To: Elapsed: Code: Details Of Operations In Sequence & Remarks				Depth Out (m): Depth In (m): Total Drilled (m): Hrs Run Today: Cumulative Hrs Run: Entry Date:				Drill Pipe: Stands: Drill Pipe: Stands: Remarks:				Circulation: Pump # Type: Liner Size: SPM: Pressure: Hrs Run:				SOLIDS CONTROL: Equipment: Name: Hours: Run: Intake: Density: Over Flow: Density: Under Flow: Density:				16:00 16:15 0:25 7 Rig service function test crown saver & motor kils 16:15 18:30 2:25 14A Install and weld on casing bowl 18:30 18:45 0:25 14A Wait on bowl to cool, hook up fair lines and slip back mud 18:45 18:00 0:25 21 Crew handover meeting with both crews and conoco reps 19:00 21:45 2:25 25 Wait on bowl to cool, hook up fair lines and slip back mud 21:45 24:00 2:25 14A Pick up and nipple up multi-bowl, install and nipple up BOP				CUTTING STRUCTURE: TO: GDC: MDC: LDC: BNC: Weight of Bit:				HOLE CONDITION: Hole Drag: Up: Down: Torque At Bottom: Fit On Bottom:				REDUCED PUMP SPEED: Pump # Pressure: Strokes/min: Depth:				MUD MATERIALS ADDED: Product: Amount: Type:				Remarks: blow down boilers 200 l				METRES DRILLED: From: To: D-R-C: RPM: WOB:				HOLE CONDITION: Hole Drag: Up: Down: Torque At Bottom: Fit On Bottom:				REDUCED PUMP SPEED: Pump # Pressure: Strokes/min: Depth:				BOILER: BoilerNo: HoursRun: pH: StackTemp: 1 8.00 11 450 2 8.00 10.5 450				SAFETY: Safety Topic: MEHL: MACP: nipple up b.o.p. j.s.s # 111																																																																										
BITS				DRILLING ASSEMBLY				MUD RECORD				DEVIATION SURVEYS				TIME LOG																																																																																																																																																																																			
Bit Number: Size: IADC Code: Manufacturer: Type: Serial No: Job:				No: Compacted: OD: ID: Length:				Mud Type: Water: <input checked="" type="checkbox"/> Oil: <input type="checkbox"/> Other: <input type="checkbox"/> Time: Density: Funnel Viscosity: Fluid Loss: pH: Location of Sample: Depth: PVT:				Time: Depth: Deviation: Direction: Type:				From: To: Elapsed: Code: Details Of Operations In Sequence & Remarks																																																																																																																																																																																			
Depth Out (m): Depth In (m): Total Drilled (m): Hrs Run Today: Cumulative Hrs Run: Entry Date:				Drill Pipe: Stands: Drill Pipe: Stands: Remarks:				Circulation: Pump # Type: Liner Size: SPM: Pressure: Hrs Run:				SOLIDS CONTROL: Equipment: Name: Hours: Run: Intake: Density: Over Flow: Density: Under Flow: Density:				16:00 16:15 0:25 7 Rig service function test crown saver & motor kils 16:15 18:30 2:25 14A Install and weld on casing bowl 18:30 18:45 0:25 14A Wait on bowl to cool, hook up fair lines and slip back mud 18:45 18:00 0:25 21 Crew handover meeting with both crews and conoco reps 19:00 21:45 2:25 25 Wait on bowl to cool, hook up fair lines and slip back mud 21:45 24:00 2:25 14A Pick up and nipple up multi-bowl, install and nipple up BOP																																																																																																																																																																																			
CUTTING STRUCTURE: TO: GDC: MDC: LDC: BNC: Weight of Bit:				HOLE CONDITION: Hole Drag: Up: Down: Torque At Bottom: Fit On Bottom:				REDUCED PUMP SPEED: Pump # Pressure: Strokes/min: Depth:				MUD MATERIALS ADDED: Product: Amount: Type:				Remarks: blow down boilers 200 l																																																																																																																																																																																			
METRES DRILLED: From: To: D-R-C: RPM: WOB:				HOLE CONDITION: Hole Drag: Up: Down: Torque At Bottom: Fit On Bottom:				REDUCED PUMP SPEED: Pump # Pressure: Strokes/min: Depth:				BOILER: BoilerNo: HoursRun: pH: StackTemp: 1 8.00 11 450 2 8.00 10.5 450				SAFETY: Safety Topic: MEHL: MACP: nipple up b.o.p. j.s.s # 111																																																																																																																																																																																			

[illegible]

[illegible]

FRONT PAGE SUMMARY										BEAV2_20140107_1A										RMS 2013.8.14.27104										Year 2014 Month 01 Day 07										DAILY CHECKS										OP RM																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
License No WID-2082										Well Name COPRC Dodo Canyon E-76-65-10 126-45										Surface Location E-76-65-10-126-45										Pro NT										Loc Type CLSS										Unique Well ID										2										HORIZ										Ready										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										26										27										28										29										30										31										32										33										34										35										36										37										38										39										40										41										42										43										44										45										46										47										48										49										50										51										52										53										54										55										56										57										58										59										60										61										62										63										64										65										66										67										68										69										70										71										72										73										74										75										76										77										78										79										80										81										82										83										84										85										86										87										88										89										90										91										92										93										94										95										96										97										98										99										100										101										102										103										104										105										106										107										108										109										110										111										112										113										114										115										116										117										118										119										120										121										122										123										124										125										126										127										128										129										130										131										132										133										134										135										136										137										138										139										140										141										142										143										144										145										146										147										148										149										150										151										152										153										154										155										156										157										158										159										160										161										162										163										164										165										166										167										168										169										170										171										172										173										174										175										176										177										178										179										180										181										182										183										184										185										186										187										188										189										190										191										192										193										194										195										196										197										198										199										200										201										202										203										204										205										206										207										208										209										210										211										212										213										214										215										216										217										218										219										220										221										222										223										224										225										226										227										228										229										230										231										232										233										234										235										236										237										238										239										240										241										242										243										244										245										246										247										248										249										250										251										252										253										254										255										256										257										258										259										260										261										262										263										264										265										266										267										268										269										270										271										272										273										274										275										276										277										278										279										280										281										282										283										284										285										286										287										288										289										290										291										292										293										294										295										296										297										298										299										300										301										302										303										304										305										306										307										308										309										310										311										312										313										314										315										316										317										318										319										320										321										322										323										324										325										326										327										328										329										330										331										332										333										334										335										336										337										338										339										340										341										342										343										344										345										346										347										348										349										350										351										352										353										354										355										356										357										358										359										360										361										362										363										364										365										366										367										368										369										370										371										372										373										374										375										376										377										378										379										380										381										382										383										384										385										386										387										388										389										390										391										392										393										394										395										396										397										398										399										400										401										402										403										404										405										406										407										408										409										410										411										412										413										414										415										416										417										418										419										420										421										422										423										424										425										426										427										428										429										430										431										432										433										434										435										436										437										438										439										440										441										442										443										444										445										446										447										448										449										450										451										452										453										454										455										456										457										458										459										460										461										462										463										464										465										466										467										468										469										470										471										472										473										474										475										476										477										478										479										480										481										482										483										484										485										486										487										488										489										490										491										492										493										494										495										496										497										498										499										500										501										502										503										504										505										506										507										508										509										510										511										512										513										514										515										516										517										518										519										520										521										522										523										524										525										526										527										528										529										530										531										532										533										534										535										536										537										538										539										540										541										542										543										544										545										546										547										548										549										550										551										552										553										554										555										556										557										558										559										560										561										562										563										564										565										566										567										568										569										570										571										572										573										574										575										576										577										578										579										580										581										582										583										584										585										586										587										588										589										590										591										592										593										594										595										596										597										598										599										600										601										602										603										604										605										606										607										608										609										610										611										612										613										614										615										616										617										618										619										620										621										622										623										624										625										626										627										628										629										630										631										632										633										634										635										636										637										638										639										640										641										642										643										644										645										646										647										648										649										650										651										652										653										654										655										656										657										658										659										660										661										662										663										664										665										666										667										668										669										670										671										672										673										674										675										676										677										678										679										680										681										682										683										684										685										686										687										688										689										690										691										692										693										694										695										696										697										698										699										700										701										702										703										704										705										706										707										708										709										710										711										712										713										714										715										716										717										718										719										720										721										722										723										724										725										726										727										728										729										730										731										732										733										734										735										736										737										738										739										740										741										742										743										744										745										746										747										748										749										750										751										752										753										754										755										756										757										758										759										760										761										762										763										764										765										766										767										768										769										770										771										772										773										774										775										776										777										778										779										780										781										782										783										784										785										786										787										788										789										790										791										792										793										794										795										796										797										798										799										800										801										802										803										804										805										806										807										808										809										810										811										812										813										814										815										816										817										818										819										820										821										822										823										824										825										826										827										828										829										830										831										832										833										834										835										836										837										838										839										840										841										842										843										844										845										846										847										848										849										850										851										852										853										854										855										856										857										858										859										860										861										862										863										864										865										866										867										868										869										870										871										872										873										874										875										876										877										878										879										880										881										882										883										884										885										886										887										888										889										890										891										892										893										894										895										896										897										898										899										900										901										902										903										904										905										906										907										908										909										910										911										912										913										914										915										916										917										918										919										920										921										922										923										924										925										926										927										928										929										930										931										932										933										934										935										936										937										938										939										940										941										942										943										944										945										946										947										948										949										950										951										952										953										954										955										956										957										958										959										960										961										962										963										964										965										966										967										968										969										970										971										972										973										974										975										976										977										978										979										980										981										982										983										984										985										986										987										988										989										990										991										992										993										994										995										996										997										998										999										1000										1001										1002										1003										1004										1005										1006										1007										1008										1009										1010										1011										1012										1013										1014										1015										1									

FRONT PAGE SUMMARY

The Well Seal Number

BEAV2_20140108_1A

Vendor Software Version

RMS 2013.8.14.27104

Year

2014

Block

01

Day

08

Daily Checks

- (1) Daily Well Annual Inspection
- (2) Tooljoint Inspection Weekly (Using Check List)
- (3) H2S Spill Response Prepared
- (4) Well Leaks & Block Drains Inspected
- (5) Flare Lines Staked
- (6) BOP Data Performed
- (7) Monthly Inspected H2S Pathways Lines & Druggable Lines
- (8) Rig Site Health & Safety Meeting (once monthly)
- (9) CADC Rig Safety Inspection Checklist (once monthly)
- (10) Used Inspection before, during or during
- (11) Driven Bore Checked
- (12) Motor Well Checked

OP RM

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

RT

[illegible]

1

TOUR	1	SIGNATURE OF DRIVER	BRIAN BERGSETH	START TIME	0:00	END TIME	8:00
------	---	---------------------	----------------	------------	------	----------	------

TOUR	2	SIGNATURE OF DRIVER	MARCUS HALLOWES		START TIME	8:00	END TIME	16:00
------	---	---------------------	-----------------	--	------------	------	----------	-------

TOUR 3		SIGNATURE OF DRILLER		DEVAN SCHLITTER		START TIME		16:00		END TIME		24:00	
BITS		DRILLING ASSEMBLY		MUD RECORD		DEVIATION SURVEYS		TIME LOG					

Your Street Serial Number BEAV2_20140113_1B
Surface Location E-76-65-10-126-45

RMS 2013.8.14.27104		
Prnt	Loc Type	Unit
NT	CLSS	

Year	Month	Day
2014	01	13

DAILY CHECKS

(1.) Daily Walk Around In

(2.) Detailed Inspection -

(3.) H2S Signs Posted If

Inspection
Weekly (Using Check List)
Required
Disposal: Burned

OP	RM
RT	RY
RT	RY



License No.	WMS/Name
WID-2082	COPRC Dado Canyon E-76 65-10 126-45
Operator	
Conoco Canada	
Operator's API	
10351817	
Signature Of Operator's Representative	
CHARLES THURSON	

	Surface Location E-76-65-10-126-45
Contractor Beaver Drilling Ltd.	
Contractor's Job No 151	
Signature Of Contractor's Rig Manager DICK VALE	

Prov	Loc Type	Unique W
NT	CLSS	
Rig No	Well Type	HOR
2		
	Spud Date Time	
	28-Dec-2013	
	Rig Release Date Time	

(1) Daily Vehicle Inspection (2) Detailed Inspection (3) H2S Signs Posted if (4) Wall License & Signs (5) Flare Lines Staked (6) SOP Drills Performance (7) Visually Inspected Bl	Re-Entry <input type="checkbox"/>	06:30
---	--------------------------------------	-------

Weekly (Using Check List)		
Required	RT	RY
Diagram Posted	RT	RY
	RT	RY
CPA-Place Lines & Degasser Lines		
Key Meeting (one/twice/month)		RY
Inspection Checklist (one/twice/month)		
Pre Raising or Lowering		
and		RY



RICK TAVIS																									Tale Rating		Tale Hrs					
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 HRS	WEATHER	WINDSPEED			
HOURS		Rp Up	Oil Actual	Remain	Coring	Good Mud & Cut	Trips	Rp. Status	Regal Rp	Cut Off (Reg. Time)	Swy Status	Wardine	Run Crg. & Connect	Walk On Cement	Hoistec Body	Test Body	Drillstem Test	Plug Back	Shower Cleaned	Fishing	Ck Work	Safety	Time Zone	Mudlog On	Rp. Match	Other	TOTAL	FUEL @ 08.00 HRS	WEATHER	WINDSPEED		
	Tour 1							0.25				0.50	0.50									0.25					8.00	250	04:00	225	GOOD	10-15 KM
	Tour 2			7.00					0.25			0.50										0.25					8.00		04:00	-39	GOOD	
	Tour 3			7.00					0.25			0.50										0.25					8.00		04:00		GOOD	
	TOTAL			20.50					0.75			1.50	0.50									0.75					24.00		04:00		GOOD	

TOUR **1** SIGNATURE OF CHIEF **BRIAN BERGSETH** START TIME **0:00** END TIME **8:00**

[illegible]

TOUR **2** SIGNATURE OF GRILLER **MARCUS HOLLOWES** START TIME **8:00** END TIME **16:00**

[illegible]

TOUR 3		SIGNATURE OF OPERATOR DEVAN SCHLITZER		START TIME 16:00		END TIME 24:00	
BITS		DRILLING ASSEMBLY		MUD RECORD		DEVIATION SURVEYS	
TIME LOG							

[illegible]

FRONT PAGE SUMMARY															Tool Chest Serial Number		Vendor Software Version		Year		Month		Day		DAILY CHECKS		OP. RM.																																																																																																																																																																	
															BEAV2 20140115_ID		RMS 2013.8.14.27104		2014		01		15																																																																																																																																																																					
License No. WID-2082 Well Name: COPRC Dado Canyon E-76 65-10 126-45															Surface Location: E-76 65-10-126-45		Firm: NT		Lost Type: CLSS		Joints Used: 2		Horiz																																																																																																																																																																					
Operator: Conoco Canada															Contractor: Beaver Drilling Ltd.		Rig No: 151		Well Type: 2		Horiz																																																																																																																																																																							
Operator's PPE: 10351817															Contractor's Job No: 151		Rig Operator's Name: TONY HEIMSTRA		Rig Operator's Title: Rig Manager		Rig Operator's Phone: 06.30																																																																																																																																																																							
Signature Of Operator/Representative: RICHARD TURGEON															Signature Of Contractor's Rig Manager: TONY HEIMSTRA																																																																																																																																																																													
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Code</th> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> <th>8</th> <th>9</th> <th>10</th> <th>11</th> <th>12</th> <th>13</th> <th>14</th> <th>15</th> <th>16</th> <th>17</th> <th>18</th> <th>19</th> <th>20</th> <th>21</th> <th>22</th> <th>23</th> <th>24</th> <th>25</th> </tr> <tr> <th></th> <th>Rig Up</th> <th>Drill Active</th> <th>Running</th> <th>Casing</th> <th>Stand Mud & Circ</th> <th>Types</th> <th>Rig Setup</th> <th>Repair Rig</th> <th>Cut Off Drilling Line</th> <th>Dev Survey</th> <th>Wireline Log</th> <th>Run Casing & Cement</th> <th>Well On Cement</th> <th>Shut In BOP</th> <th>Test BOP</th> <th>Drift/Rem Test</th> <th>Plug Back</th> <th>Space Cement</th> <th>Fishing</th> <th>Dr Work</th> <th>Safety Meeting</th> <th>Year Down</th> <th>Making On</th> <th>Rig Vouch</th> <th>Other</th> </tr> <tr> <td>Tour 1</td> <td></td> <td></td> <td></td> <td></td> <td>0.75</td> <td></td> <td>0.25</td> <td></td> <td></td> <td>1.25</td> <td></td> <td>6.25</td> <td></td> <td>7.00</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.50</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Tour 2</td> <td></td> <td></td> <td></td> <td></td> <td>1.75</td> <td></td> <td>0.25</td> <td></td> <td></td> <td></td> <td></td> <td>5.00</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.25</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Tour 3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>TOTAL</td> <td></td> <td></td> <td></td> <td></td> <td>2.50</td> <td></td> <td>0.50</td> <td>1.25</td> <td></td> <td></td> <td></td> <td>18.25</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.75</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>															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		Rig Up	Drill Active	Running	Casing	Stand Mud & Circ	Types	Rig Setup	Repair Rig	Cut Off Drilling Line	Dev Survey	Wireline Log	Run Casing & Cement	Well On Cement	Shut In BOP	Test BOP	Drift/Rem Test	Plug Back	Space Cement	Fishing	Dr Work	Safety Meeting	Year Down	Making On	Rig Vouch	Other	Tour 1					0.75		0.25			1.25		6.25		7.00							0.50					Tour 2					1.75		0.25					5.00									0.25					Tour 3																										TOTAL					2.50		0.50	1.25				18.25									0.75					TOTAL: 8.00		FUEL @ 05:00 HRS: 205		WATER: 190		WIND: 05:45		TEMP: -20		WEATHER: LIGHT SNOW		WIND DIRECTION: NW		WIND SPEED: UP TO 18 KMH		MOON: GOOD	
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																																																																																																																																																																			
	Rig Up	Drill Active	Running	Casing	Stand Mud & Circ	Types	Rig Setup	Repair Rig	Cut Off Drilling Line	Dev Survey	Wireline Log	Run Casing & Cement	Well On Cement	Shut In BOP	Test BOP	Drift/Rem Test	Plug Back	Space Cement	Fishing	Dr Work	Safety Meeting	Year Down	Making On	Rig Vouch	Other																																																																																																																																																																			
Tour 1					0.75		0.25			1.25		6.25		7.00							0.50																																																																																																																																																																							
Tour 2					1.75		0.25					5.00									0.25																																																																																																																																																																							
Tour 3																																																																																																																																																																																												
TOTAL					2.50		0.50	1.25				18.25									0.75																																																																																																																																																																							
TOUR 1 SIGNATURE OF DRILLER: MARCUS HALLOWES															START TIME: 0:00		END TIME: 8:00																																																																																																																																																																											
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="2">BITS</th> <th colspan="2">DRILLING ASSEMBLY</th> <th colspan="2">MUD RECORD</th> <th colspan="2">DEVIATION SURVEYS</th> <th colspan="2">TIME LOG</th> </tr> <tr> <td>Bit Number</td> <td>Size</td> <td>No</td> <td>Component</td> <td>OD</td> <td>Length</td> <td>Mud Type</td> <td>Water</td> <td>Time</td> <td>Depth</td> </tr> <tr> <td>WDC Code</td> <td>Manufacturer</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Type</td> <td>Serial No</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Jets</td> <td>Depth Out (m)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>Depth In (m)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>Total Drilled (m)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>Hrs Run Today</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>Cumulative Hrs Run</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>Entry Date</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>															BITS		DRILLING ASSEMBLY		MUD RECORD		DEVIATION SURVEYS		TIME LOG		Bit Number	Size	No	Component	OD	Length	Mud Type	Water	Time	Depth	WDC Code	Manufacturer									Type	Serial No									Jets	Depth Out (m)										Depth In (m)										Total Drilled (m)										Hrs Run Today										Cumulative Hrs Run										Entry Date									<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="2">REDUCED PUMP SPEED</th> </tr> <tr> <td>Pump #</td> <td>Pressure</td> </tr> <tr> <td>1</td> <td>127</td> </tr> </table>		REDUCED PUMP SPEED		Pump #	Pressure	1	127	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="2">BOILER</th> </tr> <tr> <td>Boiler No</td> <td>Hours Run</td> </tr> <tr> <td>1</td> <td>8.00</td> </tr> </table>		BOILER		Boiler No	Hours Run	1	8.00	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="2">SAFETY</th> </tr> <tr> <td>Safety Topic</td> <td>MEHL</td> </tr> <tr> <td></td> <td>4382</td> </tr> </table>		SAFETY		Safety Topic	MEHL		4382																																																		
BITS		DRILLING ASSEMBLY		MUD RECORD		DEVIATION SURVEYS		TIME LOG																																																																																																																																																																																				
Bit Number	Size	No	Component	OD	Length	Mud Type	Water	Time	Depth																																																																																																																																																																																			
WDC Code	Manufacturer																																																																																																																																																																																											
Type	Serial No																																																																																																																																																																																											
Jets	Depth Out (m)																																																																																																																																																																																											
	Depth In (m)																																																																																																																																																																																											
	Total Drilled (m)																																																																																																																																																																																											
	Hrs Run Today																																																																																																																																																																																											
	Cumulative Hrs Run																																																																																																																																																																																											
	Entry Date																																																																																																																																																																																											
REDUCED PUMP SPEED																																																																																																																																																																																												
Pump #	Pressure																																																																																																																																																																																											
1	127																																																																																																																																																																																											
BOILER																																																																																																																																																																																												
Boiler No	Hours Run																																																																																																																																																																																											
1	8.00																																																																																																																																																																																											
SAFETY																																																																																																																																																																																												
Safety Topic	MEHL																																																																																																																																																																																											
	4382																																																																																																																																																																																											
TOUR 2 SIGNATURE OF DRILLER: DEVAN SCHLITZER															START TIME: 8:00		END TIME: 16:00																																																																																																																																																																											
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="2">BITS</th> <th colspan="2">DRILLING ASSEMBLY</th> <th colspan="2">MUD RECORD</th> <th colspan="2">DEVIATION SURVEYS</th> <th colspan="2">TIME LOG</th> </tr> <tr> <td>Bit Number</td> <td>Size</td> <td>No</td> <td>Component</td> <td>OD</td> <td>Length</td> <td>Mud Type</td> <td>Water</td> <td>Time</td> <td>Depth</td> </tr> <tr> <td>WDC Code</td> <td>Manufacturer</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Type</td> <td>Serial No</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Jets</td> <td>Depth Out (m)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>Depth In (m)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>Total Drilled (m)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>Hrs Run Today</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>Cumulative Hrs Run</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>Entry Date</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>															BITS		DRILLING ASSEMBLY		MUD RECORD		DEVIATION SURVEYS		TIME LOG		Bit Number	Size	No	Component	OD	Length	Mud Type	Water	Time	Depth	WDC Code	Manufacturer									Type	Serial No									Jets	Depth Out (m)										Depth In (m)										Total Drilled (m)										Hrs Run Today										Cumulative Hrs Run										Entry Date									<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="2">REDUCED PUMP SPEED</th> </tr> <tr> <td>Pump #</td> <td>Pressure</td> </tr> <tr> <td>1</td> <td>127</td> </tr> </table>		REDUCED PUMP SPEED		Pump #	Pressure	1	127	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="2">BOILER</th> </tr> <tr> <td>Boiler No</td> <td>Hours Run</td> </tr> <tr> <td>1</td> <td>8.00</td> </tr> </table>		BOILER		Boiler No	Hours Run	1	8.00	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="2">SAFETY</th> </tr> <tr> <td>Safety Topic</td> <td>MEHL</td> </tr> <tr> <td></td> <td>4382</td> </tr> </table>		SAFETY		Safety Topic	MEHL		4382																																																		
BITS		DRILLING ASSEMBLY		MUD RECORD		DEVIATION SURVEYS		TIME LOG																																																																																																																																																																																				
Bit Number	Size	No	Component	OD	Length	Mud Type	Water	Time	Depth																																																																																																																																																																																			
WDC Code	Manufacturer																																																																																																																																																																																											
Type	Serial No																																																																																																																																																																																											
Jets	Depth Out (m)																																																																																																																																																																																											
	Depth In (m)																																																																																																																																																																																											
	Total Drilled (m)																																																																																																																																																																																											
	Hrs Run Today																																																																																																																																																																																											
	Cumulative Hrs Run																																																																																																																																																																																											
	Entry Date																																																																																																																																																																																											
REDUCED PUMP SPEED																																																																																																																																																																																												
Pump #	Pressure																																																																																																																																																																																											
1	127																																																																																																																																																																																											
BOILER																																																																																																																																																																																												
Boiler No	Hours Run																																																																																																																																																																																											
1	8.00																																																																																																																																																																																											
SAFETY																																																																																																																																																																																												
Safety Topic	MEHL																																																																																																																																																																																											
	4382																																																																																																																																																																																											
TOUR 3 SIGNATURE OF DRILLER: MARCUS HALLOWES															START TIME: 16:00		END TIME: 24:00																																																																																																																																																																											
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="2">BITS</th> <th colspan="2">DRILLING ASSEMBLY</th> <th colspan="2">MUD RECORD</th> <th colspan="2">DEVIATION SURVEYS</th> <th colspan="2">TIME LOG</th> </tr> <tr> <td>Bit Number</td> <td>Size</td> <td>No</td> <td>Component</td> <td>OD</td> <td>Length</td> <td>Mud Type</td> <td>Water</td> <td>Time</td> <td>Depth</td> </tr> <tr> <td>WDC Code</td> <td>Manufacturer</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Type</td> <td>Serial No</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Jets</td> <td>Depth Out (m)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>Depth In (m)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>Total Drilled (m)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>Hrs Run Today</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>Cumulative Hrs Run</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>Entry Date</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>															BITS		DRILLING ASSEMBLY		MUD RECORD		DEVIATION SURVEYS		TIME LOG		Bit Number	Size	No	Component	OD	Length	Mud Type	Water	Time	Depth	WDC Code	Manufacturer									Type	Serial No									Jets	Depth Out (m)										Depth In (m)										Total Drilled (m)										Hrs Run Today										Cumulative Hrs Run										Entry Date									<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="2">REDUCED PUMP SPEED</th> </tr> <tr> <td>Pump #</td> <td>Pressure</td> </tr> <tr> <td>1</td> <td>127</td> </tr> </table>		REDUCED PUMP SPEED		Pump #	Pressure	1	127	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="2">BOILER</th> </tr> <tr> <td>Boiler No</td> <td>Hours Run</td> </tr> <tr> <td>1</td> <td>8.00</td> </tr> </table>		BOILER		Boiler No	Hours Run	1	8.00	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="2">SAFETY</th> </tr> <tr> <td>Safety Topic</td> <td>MEHL</td> </tr> <tr> <td></td> <td>4382</td> </tr> </table>		SAFETY		Safety Topic	MEHL		4382																																																		
BITS		DRILLING ASSEMBLY		MUD RECORD		DEVIATION SURVEYS		TIME LOG																																																																																																																																																																																				
Bit Number	Size	No	Component	OD	Length	Mud Type	Water	Time	Depth																																																																																																																																																																																			
WDC Code	Manufacturer																																																																																																																																																																																											
Type	Serial No																																																																																																																																																																																											
Jets	Depth Out (m)																																																																																																																																																																																											
	Depth In (m)																																																																																																																																																																																											
	Total Drilled (m)																																																																																																																																																																																											
	Hrs Run Today																																																																																																																																																																																											
	Cumulative Hrs Run																																																																																																																																																																																											
	Entry Date																																																																																																																																																																																											
REDUCED PUMP SPEED																																																																																																																																																																																												
Pump #	Pressure																																																																																																																																																																																											
1	127																																																																																																																																																																																											
BOILER																																																																																																																																																																																												
Boiler No	Hours Run																																																																																																																																																																																											
1	8.00																																																																																																																																																																																											
SAFETY																																																																																																																																																																																												
Safety Topic	MEHL																																																																																																																																																																																											
	4382																																																																																																																																																																																											

FRONT PAGE SUMMARY

Page 1 of 2

FRONT PAGE SUMMARY

License No.

W41036

Generator

COPRC Dedo Canyon E-76 65-10 126-45

Operator

Conoco Canada

Operator Job No.

10351617

Signature of Operator's Representative

RICHARD TURGEON

The Sheet Serial Number

BEAV2 20140117_1A

Vendor Software Version

RMS 2013.8.14.27104

Year

2014

Month

01

Day

17

DAILY CHECKS

☐ (1) Daily Web-Based Inspection

☐ (2) Detailed Inspection (Weekly/Using Check List)

☐ (3) I2S Signer Points if Required

☐ (4) Wall Lenses & Bins Checked Painted

☐ (5) Floor Lines Striped

☐ (6) MOP Daily Performed

☐ (7) Visually Inspected SDCP & Floor Lenses & Degreaser Lines

☐ (8) Rig Site Health & Safety Meeting (on-site/off-site)

☐ (9) CACDC Rig Safety Inspection Checklist (on-site/off-site)

☐ (10) Maint Inspection before Running or Launching

☐ (11) Crown Gear Oilchecked

☐ (12) Motor Kites checked

OP

RT

TH

TH

TH

TH

TH

TH

Surface Location

E-76-65-10-126-45

NT

CLSS

Unique Wind St

Rg No

2

Wind Type

HORIZ

Red

☐

Inspection Date

28-Dec-2013

06:30

Rig Release Date

Signature of Contractor's Rig Manager

TONY HEMSTRA

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

Rig Status

Op Unit

Rig Up

ABR Actual

Reaming

Coring

Cord Mud & Trip

Rig Status

Repair Rig

Out Off Rig Line

Dev Stand

Wireline Log

Run Csg & Cement

Wait On Cement

Slipset SDCP

Test SDCP

Ditching Test

Rig Back

Spore Case Cement

Fishing

Dr. Work

Safety Meeting

Tear Down

Waiting On

Rig Wash

Other

TOTAL

Hour 1

5.75

0.75

0.25

0.50

0.25

8.00

Hour 2

6.00

0.25

8.00

Hour 3

6.25

0.25

0.75

8.00

TOTAL

18.00

0.75

0.75

0.75

0.50

0.25

24.00

FUEL @ 08:00 HRS

190

180

-20

05:45

CUTTER COMPANY

BLOWING SNOW

WIND DIRECTION

UP TO 19 KM/H

WEATHER

GOOD

TOUR	1	SIGNATURE OF DRILLER	MARCUS HALLOWES	START TIME	00:00	END TIME	8:00																
BITS		DRILLING ASSEMBLY				MUD RECORD				DEVIATION SURVEYS				TIME LOG									
Bit Number	4	No.	Component	OD	to Length	Mud Type Water <input type="checkbox"/> Oil <input checked="" type="checkbox"/>				Time	Depth	Deviation	Direction	Type	From	To	Elapsed	Code	Details Of Operations In Sequence & Remarks				
Size	156	1	156MM BIT	156	0.18	Other: <input type="checkbox"/>				04:30	1914.50	91.52	303.85	DIRECTIONAL	0:00	0:30	0:50	20	Drill out float collar Tagged @ 1855mKB Drill out shoe @ 1907mKB				
IADC Code		1	MUD MOTOR	123	34					05:45	1924.00	91.60	302.88	DIRECTIONAL	0:30	0:45	0:25	7	Rig service function test rig smart anti collision system function test crown saver function test pipe rams 8 sec C/O grease all moving parts check fluid levels in floor motor.				
Manufacturer	smith	1	1MM Pony Monel	119	57					06:45	1933.50	91.70	302.6	DIRECTIONAL	0:45	1:00	0:25	21A	B.O.P drill well secure in 80 sec crew in position check manifold				
Type	613	1	Slick monel	119	67					07:30	1943.00	91.60	303.4	DIRECTIONAL	1:00	1:30	0:50	2	B.O.P 156mm hole with Smith 156mm MS-613 PDC bit, Weatherford 7/8 lobe, 3.8 (rpm at 0.135/L) 1.66m from bit to bend, mud motor, from 1907mKB to 1914mKB				
Serial No.	jh8402	1	4.75 gap sub	119	63													1:30	2:15	0:75	5	Circulate bottoms up prepar to do a fit test	
Jobs	12.7 12.7 12.7 12.7	1	4.75 LWD SAWR	126	70													2:15	2:30	0:25	25	Formation integrity test 4400kpa for 10 min	
		1	4.75 LWD ABS	129	70													2:30	7:15	4:75	2	Drill 156mm hole, with Smith 156mm MS-613 PDC bit, Weatherford 7/8 lobe, 3.8 (rpm at 0.135/L) 1.66m from bit to bend, mud motor, from 1914mKB to 1972mKB	
Depth Out (m)		1	Slick monel	119	67													7:15	7:45	0:50	10	Accumulated directional surveys	
Depth In (m)	1909.00	1	X/O SUB	126	58													7:45	8:00	0:25	21	Safety meeting with both rig crews, tool push and concoco reps. present	
Total Drilled (m)	54.00	1	3.4" HW	138	70																		
Hrs Run Today	5.25	1	Jars	131	59																		
Cumulative Hrs Run	5.25	1	4" H.W	101	65																		
Entry Data		18	Oil Pipe	3461	99																		
		0	Oil Pipe	9.51																			
CUTTING STRUCTURE		Kelly Drawn				0.00																	
TO		TO		TO		Total																	
WOC		WOC		WOC		1972.58																	
WOB		WOB		WOB		Weight of B.C																	
WOB		WOB		WOB		10.29																	
WOB		WOB		WOB		58.00																	
METERS DRILLED		From To D-Rate RPM WOB				1909.00 1972.00 DRILL 30 8																	
REDUCED PUMP SPEED		Pump # Pressure Stroke/min Depth				2 6154 @ 84 1934.00																	
BOILER		BoilerNo HoursRun pH StackTemp				1 8.00 11 450																	
SAFETY		Safety Topic				71 MEHL 9384 MACP																	

TOPI		2		SIGNATURE OF DRILLER		DEVAN SCHLITTER		START TIME		8:00		EIO TIME		16:00			
BITS		DRILLING ASSEMBLY				MUD RECORD				DEVIATION SURVEYS				TIME LOG			
BIT Number 4 Size 156 IADC Code Manufacturer smith Type 613 Serial No. jh8402 Jct 12.7 12.7 12.7 12.7 Depth Out (m) 1909.00 Depth In (m) 58.00 Total Drilled (m) 6.00 Hrs Run Today 11.25 Cumulative Hrs Run Entry Date		Bit Components 1 156MM BIT 156 0 0.15 1 MUD MOTOR 123 34 8.93 1 NM Pony Motor 118 57 3.10 1 Slick monel 119 67 8.47 1 4.75 gap sub 119 63 0.98 1 4.75 LWD SAWR 128 70 6.15 1 4.75 LWD ABS 128 70 4.78 1 X/O 120 56 0.43 1 Slick monel 119 67 8.93 1 X/O SUB 128 58 0.82 3 4" HW 132 70 22.54 1 Jars 131 59 0.97 1 4" H.W 101 65 8.53 23 Oil Pipe Inside 437.05 1 Oil Pipe Single 9.47 Kelly Drive Total 2067.60 Weight of BCG 58.00 Weight of Boring				Mud Type: Water <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Other Time 08:00 10:00 Density 1055 1055 Funnel Viscosity 75 72 Fluid Loss pH Location of Sample shaker shaker Depth 1968.00 1968.00 PVT 55 54 Circulation Pump # 2 Type SINGLE Liner Size 127 SPM 138 Pressure 16100 Hrs Run 7.00 Remarks				Time Depth Deviation Direction Type 08:45 1952.50 90.90 301.8 DIRECTIONAL 09:15 1962.00 91.00 303.3 DIRECTIONAL 10:30 1971.50 90.50 301.4 DIRECTIONAL 11:15 1981.50 90.70 300.9 DIRECTIONAL 13:00 2000.00 89.70 300.3 DIRECTIONAL 13:30 2009.50 89.30 299.4 DIRECTIONAL SOLIDS CONTROL Equipment Name Hours Run Inlet Density Out Flow Density Under Flow Density Centrifuge #1 3.00 1055 990 1710 MUD MATERIALS ADDED Product Amount Type Remarks Level 1 inspection on tongs and overhead equipment D.S Blew down boilers 2 times 100 L				Details of Operations In Sequence & Remarks 8:00 9:00 1.00 2 Drill 156mm hole, with Smith 156mm MS/613 PDC bit, Weatherford 7/8 lobe, 3.8 stage (rpm at 0.135/L) 1.66m from bit to bend, mud motor, from 1972m to 1982m 9:00 9:15 0.25 7 Rig service function test rig smart and collision system function test crown saver function test hydrill 13 sec C/O grease all moving parts check fluid levels in floor motor, change oil in HPU 9:15 14:15 5.00 2 Drill 156m hole, with Smith 156mm MS/613 PDC bit, Weatherford 7/8 lobe, 3.8 stage (rpm at 0.135/L) 1.66m from bit to bend, mud motor, from 1982m to 2067m 14:15 16:00 1.75 20A Accumulated directional surveys			
CUTTING STRUCTURE		HOLE CONDITION				REDUCED PUMP SPEED				BOILER				SAFETY			
From To D-R-G RPM WOR 1972.00 2007.00 DRILL 60 12 MEI MEI		Hole Open Up 3000 Down 4000 Torque At Bottom 11400 P/E On Bottom				Pump # Pressure Strokes/min Depth 2 4600 @ 74 @ 1081.00 @ @ @ @ @ @				BoilerNo HoursRun pH StackTemp 1 8.00 11 450 2 8.00 11 450				Safety Tags MEHL MACP 71 3394			

TOP

5

SIGNATURE OF DRILLER

MARCUS HALLOWES

STAFF TIME

16:00

END TIME

24:00

BITS

Bit Number

4

Size

156

IADC Code

Manufacturer

smith

Type

613

Serial No.

jh8402

MIS

12.7 12.7 12.7 12.7

Depth Out (m)

Depth In (m)

1909.00

Total Drilled (m)

215.00

Hrs Run Today

6.25

Cumulative Hrs Run

17.50

Entry Date

DRILLING ASSEMBLY

No.

Completed

ID

Length

1

156MM BIT

156

0.18

1

MUD MOTOR

123

34

8.93

1

MM Pony Motor

119

57

3.10

1

Slick monel

119

67

3.47

1

4.75 gap sub

119

63

0.58

1

4.75 LWD SAWR

128

70

4.78

1

4.75 LWD ABS

129

70

4.78

1

X/O

120

63

0.49

1

Slick Monel

119

67

3.50

1

X/O SUB

128

58

0.82

3

4" HW

132

70

22.54

1

Jars

158

5.07

1

4" H.W

101

65

8.53

26

SWP Pipe

65mm

494.08

1

SWP Pipe

Simplex

9.52

Safety Device

0.00

Total

2124.68

Weight of DOG

Factor per ft

12.29

Weight of string

59.00

NOLE CONDITION

Hole Dog

Up

3

Down

4

Torque At Bottom

9800

FW On Bottom

REDUCED PUMP SPEED

Pump#

2

Pressure

3700

Strokes/min

@ 66

Depth

@ 2070

@

@

@

@

DEVIATION SURVEYS

Time

Depth

Gyration

Direction

16:00

2048.00

88.30

297.9

DIRECTIONAL

17:15

2057.00

88.30

297.9

DIRECTIONAL

17:15

2066.50

86.70

297.5

DIRECTIONAL

19:15

2085.00

86.30

297.37

DIRECTIONAL

21:30

2095.50

85.82

295.65

DIRECTIONAL

23:45

2104.50

85.68

297.15

DIRECTIONAL

SOLIDS CONTROL

Equipment Name

Main Run

Inlet Density

Over Flow Density

Under Flow Density

</

FRONT PAGE SUMMARY										Your Shift Number		Vendor Software Version		Year		Month		Day		DAILY CHECKS		OP RM																																																																																																																																															
BEAV2_20140117_1A										RMS 2013.8.14.27104		2014		01		17		(1) Daily Walk Around Inspection (2) Detailed Inspection - Weekly (Using Check List) (3) H2S Signs Posted if Required (4) H2S Location & Size Diagram Posted (5) Flow Lines Staked (6) BOP Drifts Performed (7) Visually Inspected BOP Flow Lines & Depressure Lines (8) H2S Site Health & Safety Meeting (with crewmembers) (9) CAODC Rig Safety Inspection Checklist (with H2S) (10) Visual Inspection before Starting of Drilling (11) Crown Block Checked (12) Mower Mils Checked		BT TH FR SA SU MO TU																																																																																																																																																	
License No: WID-2082 Well Name: COPRC Dodo Canyon E-76 65-10-126-45 Operator: Conoco Canada Contractor: Beaver Drilling Ltd. Operator's Job No: 10351817 Signature of Operator's Representative: RICHARD TURGEON Supervisor's Job No: 151 Signature of Supervisor's Representative: TONY HIEMSTRA										Surface Location: E-76-65-10-126-45		Flow: NT		Lac Type: CLSS		Unique Well ID: 2		Well Type: HORIZ		Fixed Date Time: 28-Dec-2013 06:30		Rig No: 2		Rig Entry: <input type="checkbox"/>																																																																																																																																													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Code</th> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> <th>8</th> <th>9</th> <th>10</th> <th>11</th> <th>12</th> <th>13</th> <th>14</th> <th>15</th> <th>16</th> <th>17</th> <th>18</th> <th>19</th> <th>20</th> <th>21</th> <th>22</th> <th>23</th> <th>24</th> <th>25</th> <th>TOTAL</th> <th>FUEL @ 08:00 HRS</th> </tr> </thead> <tbody> <tr> <td>Hour 1</td> <td>5.75</td> <td></td> <td></td> <td></td> <td>0.75</td> <td></td> <td>0.25</td> <td></td> <td></td> <td></td> <td>0.50</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.50</td> <td></td> <td></td> <td></td> <td>0.25</td> <td>8.00</td> <td>190</td> </tr> <tr> <td>Hour 2</td> <td>6.00</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.25</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1.75</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>8.00</td> <td>180</td> </tr> <tr> <td>Hour 3</td> <td>6.25</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.25</td> <td>0.75</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.75</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>8.00</td> <td>180</td> </tr> <tr> <td>TOTAL</td> <td>18.00</td> <td></td> <td></td> <td></td> <td>0.75</td> <td></td> <td>0.75</td> <td>0.75</td> <td></td> <td>0.50</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2.50</td> <td>0.50</td> <td></td> <td></td> <td></td> <td>0.25</td> <td>24.00</td> <td>545</td> </tr> </tbody> </table>																									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 HRS	Hour 1	5.75				0.75		0.25				0.50											0.50				0.25	8.00	190	Hour 2	6.00						0.25													1.75						8.00	180	Hour 3	6.25						0.25	0.75												0.75						8.00	180	TOTAL	18.00				0.75		0.75	0.75		0.50										2.50	0.50				0.25	24.00	545
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 HRS																																																																																																																																										
Hour 1	5.75				0.75		0.25				0.50											0.50				0.25	8.00	190																																																																																																																																									
Hour 2	6.00						0.25													1.75						8.00	180																																																																																																																																										
Hour 3	6.25						0.25	0.75												0.75						8.00	180																																																																																																																																										
TOTAL	18.00				0.75		0.75	0.75		0.50										2.50	0.50				0.25	24.00	545																																																																																																																																										
TOUR 1										SIGNATURE OF DRILLER: MARCUS HALLOWES										START TIME: 0:00					END TIME: 8:00																																																																																																																																												
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">BITS</th> <th colspan="4">DRILLING ASSEMBLY</th> <th colspan="4">MUD RECORD</th> <th colspan="4">DEVIATION SURVEYS</th> <th colspan="4">TIME LOG</th> </tr> </thead> <tbody> <tr> <td colspan="4"> Bit Number: 4 Size: 156 IADC Code: 1 Manufacturer: smith Type: 613 Serial No: jh8402 Job: 12.7 12.7 12.7 Depth Out (m): 12.7 12.7 12.7 Depth In (m): 1909.00 Total Drilled (m): 54.00 Hrs Run Today: 5.25 Cumulative Hrs Run: 5.25 Entry Date: 18 Dec 2013 </td> <td colspan="4"> No: 1 Component: 156MM BIT ID: 156 Length: 0.18 1 MUD MOTOR 123 34 8.53 1 NM Pony Motor 119 57 3.10 1 Slick monel 119 67 8.47 1 4.75 gap sub 119 63 0.56 1 4.75 LWD SAWR 128 70 6.15 1 4.75 LWD ABS 128 70 4.78 1 X/O 120 56 0.45 1 Slick monel 119 67 8.50 1 X/O SUB 128 58 0.82 3 4" HW 132 70 27.54 1 Jars 131 59 5.07 1 4" H.W 101 65 8.53 18 Drill Pipe 341.99 0 Drill Pipe 9.51 Kelly Down: 0.00 Total: 1972.58 Weight of BOP: 58.00 </td> <td colspan="4"> Mud Type: Water <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Other: <input type="checkbox"/> Time: 12:00 14:00 Density: 1045 1025 Funnel Viscosity: 70 69 Fluid Loss: 0.56 pH: 9.1 Location Of Sample: shaker shaker Depth: 2014.00 2040.00 PVT: 52 51 Circulation: Pump # 2 Type SINGLE Line Size 127 135 16000 6.00 Remarks: </td> <td colspan="4"> Time: 14:00 2019.00 88.30 300 14:45 2020.50 88.60 299.4 15:30 2038.00 88.50 298.5 Direction: DIRECTIONAL DIRECTIONAL DIRECTIONAL SOLIDS CONTROL: Equipment Name Hours Run Inlets Density Over Flow Density Under Flow Density Centrifuge #1 3.00 1055 990 1710 MUD MATERIALS ADDED: Product Amount Type Remarks: Level one overhead inspection mh Blew down boilers 2 times @ 100L </td> <td colspan="4"> From To Elapsed Code Details Of Operations In Sequence & Remarks </td> </tr> <tr> <td colspan="4"> CUTTING STRUCTURE: TO 156 1000 10.28 WOB 1000 10.28 LOG 1000 10.28 BNG 1000 10.28 </td> <td colspan="4"> HOLE CONDITION: Hole Drag Up 3 Down 3 Torque At Bottom 8600 Fill On Bottom </td> <td colspan="4"> REDUCED PUMP SPEED: Pump # 2 Pressure 6154 @ 84 @ 1624.00 Strokes/min 84 @ 1624.00 Depth 2 @ 1624.00 </td> <td colspan="4"> BOILER: BoilerNo HoursRun pH StackTemp SAFETY: Safety Topic 71 MEHL 3384 MACP </td> </tr> </tbody> </table>																									BITS				DRILLING ASSEMBLY				MUD RECORD				DEVIATION SURVEYS				TIME LOG				Bit Number: 4 Size: 156 IADC Code: 1 Manufacturer: smith Type: 613 Serial No: jh8402 Job: 12.7 12.7 12.7 Depth Out (m): 12.7 12.7 12.7 Depth In (m): 1909.00 Total Drilled (m): 54.00 Hrs Run Today: 5.25 Cumulative Hrs Run: 5.25 Entry Date: 18 Dec 2013				No: 1 Component: 156MM BIT ID: 156 Length: 0.18 1 MUD MOTOR 123 34 8.53 1 NM Pony Motor 119 57 3.10 1 Slick monel 119 67 8.47 1 4.75 gap sub 119 63 0.56 1 4.75 LWD SAWR 128 70 6.15 1 4.75 LWD ABS 128 70 4.78 1 X/O 120 56 0.45 1 Slick monel 119 67 8.50 1 X/O SUB 128 58 0.82 3 4" HW 132 70 27.54 1 Jars 131 59 5.07 1 4" H.W 101 65 8.53 18 Drill Pipe 341.99 0 Drill Pipe 9.51 Kelly Down: 0.00 Total: 1972.58 Weight of BOP: 58.00				Mud Type: Water <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Other: <input type="checkbox"/> Time: 12:00 14:00 Density: 1045 1025 Funnel Viscosity: 70 69 Fluid Loss: 0.56 pH: 9.1 Location Of Sample: shaker shaker Depth: 2014.00 2040.00 PVT: 52 51 Circulation: Pump # 2 Type SINGLE Line Size 127 135 16000 6.00 Remarks:				Time: 14:00 2019.00 88.30 300 14:45 2020.50 88.60 299.4 15:30 2038.00 88.50 298.5 Direction: DIRECTIONAL DIRECTIONAL DIRECTIONAL SOLIDS CONTROL: Equipment Name Hours Run Inlets Density Over Flow Density Under Flow Density Centrifuge #1 3.00 1055 990 1710 MUD MATERIALS ADDED: Product Amount Type Remarks: Level one overhead inspection mh Blew down boilers 2 times @ 100L				From To Elapsed Code Details Of Operations In Sequence & Remarks				CUTTING STRUCTURE: TO 156 1000 10.28 WOB 1000 10.28 LOG 1000 10.28 BNG 1000 10.28				HOLE CONDITION: Hole Drag Up 3 Down 3 Torque At Bottom 8600 Fill On Bottom				REDUCED PUMP SPEED: Pump # 2 Pressure 6154 @ 84 @ 1624.00 Strokes/min 84 @ 1624.00 Depth 2 @ 1624.00				BOILER: BoilerNo HoursRun pH StackTemp SAFETY: Safety Topic 71 MEHL 3384 MACP																																																																																								
BITS				DRILLING ASSEMBLY				MUD RECORD				DEVIATION SURVEYS				TIME LOG																																																																																																																																																					
Bit Number: 4 Size: 156 IADC Code: 1 Manufacturer: smith Type: 613 Serial No: jh8402 Job: 12.7 12.7 12.7 Depth Out (m): 12.7 12.7 12.7 Depth In (m): 1909.00 Total Drilled (m): 54.00 Hrs Run Today: 5.25 Cumulative Hrs Run: 5.25 Entry Date: 18 Dec 2013				No: 1 Component: 156MM BIT ID: 156 Length: 0.18 1 MUD MOTOR 123 34 8.53 1 NM Pony Motor 119 57 3.10 1 Slick monel 119 67 8.47 1 4.75 gap sub 119 63 0.56 1 4.75 LWD SAWR 128 70 6.15 1 4.75 LWD ABS 128 70 4.78 1 X/O 120 56 0.45 1 Slick monel 119 67 8.50 1 X/O SUB 128 58 0.82 3 4" HW 132 70 27.54 1 Jars 131 59 5.07 1 4" H.W 101 65 8.53 18 Drill Pipe 341.99 0 Drill Pipe 9.51 Kelly Down: 0.00 Total: 1972.58 Weight of BOP: 58.00				Mud Type: Water <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Other: <input type="checkbox"/> Time: 12:00 14:00 Density: 1045 1025 Funnel Viscosity: 70 69 Fluid Loss: 0.56 pH: 9.1 Location Of Sample: shaker shaker Depth: 2014.00 2040.00 PVT: 52 51 Circulation: Pump # 2 Type SINGLE Line Size 127 135 16000 6.00 Remarks:				Time: 14:00 2019.00 88.30 300 14:45 2020.50 88.60 299.4 15:30 2038.00 88.50 298.5 Direction: DIRECTIONAL DIRECTIONAL DIRECTIONAL SOLIDS CONTROL: Equipment Name Hours Run Inlets Density Over Flow Density Under Flow Density Centrifuge #1 3.00 1055 990 1710 MUD MATERIALS ADDED: Product Amount Type Remarks: Level one overhead inspection mh Blew down boilers 2 times @ 100L				From To Elapsed Code Details Of Operations In Sequence & Remarks																																																																																																																																																					
CUTTING STRUCTURE: TO 156 1000 10.28 WOB 1000 10.28 LOG 1000 10.28 BNG 1000 10.28				HOLE CONDITION: Hole Drag Up 3 Down 3 Torque At Bottom 8600 Fill On Bottom				REDUCED PUMP SPEED: Pump # 2 Pressure 6154 @ 84 @ 1624.00 Strokes/min 84 @ 1624.00 Depth 2 @ 1624.00				BOILER: BoilerNo HoursRun pH StackTemp SAFETY: Safety Topic 71 MEHL 3384 MACP																																																																																																																																																									
TOUR 2										SIGNATURE OF DRILLER: DEVAN SCHLITZER										START TIME: 8:00					END TIME: 16:00																																																																																																																																												
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">BITS</th> <th colspan="4">DRILLING ASSEMBLY</th> <th colspan="4">MUD RECORD</th> <th colspan="4">DEVIATION SURVEYS</th> <th colspan="4">TIME LOG</th> </tr> </thead> <tbody> <tr> <td colspan="4"> Bit Number: 4 Size: 156 IADC Code: 1 Manufacturer: smith Type: 613 Serial No: jh8402 Job: 12.7 12.7 12.7 Depth Out (m): 12.7 12.7 12.7 Depth In (m): 1909.00 Total Drilled (m): 58.00 Hrs Run Today: 6.00 Cumulative Hrs Run: 11.25 Entry Date: 23 Dec 2013 </td> <td colspan="4"> No: 1 Component: 156MM BIT ID: 156 Length: 0.18 1 MUD MOTOR 123 34 8.53 1 NM Pony Motor 119 57 3.10 1 Slick monel 119 67 8.47 1 4.75 gap sub 119 63 0.56 1 4.75 LWD SAWR 128 70 6.15 1 4.75 LWD ABS 128 70 4.78 1 X/O 120 56 0.45 1 Slick monel 119 67 8.50 1 X/O SUB 128 58 0.82 3 4" HW 132 70 27.54 1 Jars 131 59 5.07 1 4" H.W 101 65 8.53 23 Drill Pipe 437.05 1 Drill Pipe 9.47 Kelly Down: 0.00 Total: 2067.60 Weight of BOP: 58.00 </td> <td colspan="4"> Mud Type: Water <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Other: <input type="checkbox"/> Time: 12:00 14:00 Density: 1045 1025 Funnel Viscosity: 70 69 Fluid Loss: 0.56 pH: 9.1 Location Of Sample: shaker shaker Depth: 2014.00 2040.00 PVT: 52 51 Circulation: Pump # 2 Type SINGLE Line Size 127 138 16100 7.00 Remarks: </td> <td colspan="4"> Time: 14:00 2019.00 88.30 300 14:45 2020.50 88.60 299.4 15:30 2038.00 88.50 298.5 Direction: DIRECTIONAL DIRECTIONAL DIRECTIONAL SOLIDS CONTROL: Equipment Name Hours Run Inlets Density Over Flow Density Under Flow Density Centrifuge #1 3.00 1055 990 1710 MUD MATERIALS ADDED: Product Amount Type Remarks: Level 1 inspection on tongs and overhead equipment D.S Blew down boilers 2 times 100 L </td> <td colspan="4"> From To Elapsed Code Details Of Operations In Sequence & Remarks </td> </tr> <tr> <td colspan="4"> CUTTING STRUCTURE: TO 156 1000 8.16 WOB 1000 8.16 LOG 1000 8.16 BNG 1000 8.16 </td> <td colspan="4"> HOLE CONDITION: Hole Drag Up 3000 4000 Torque At Bottom 11400 Fill On Bottom </td> <td colspan="4"> REDUCED PUMP SPEED: Pump # 2 Pressure 4600 @ 74 @ 1994.00 Strokes/min 74 @ 1994.00 Depth 2 @ 1994.00 </td> <td colspan="4"> BOILER: BoilerNo HoursRun pH StackTemp SAFETY: Safety Topic 71 MEHL 3384 MACP </td> </tr> </tbody> </table>																									BITS				DRILLING ASSEMBLY				MUD RECORD				DEVIATION SURVEYS				TIME LOG				Bit Number: 4 Size: 156 IADC Code: 1 Manufacturer: smith Type: 613 Serial No: jh8402 Job: 12.7 12.7 12.7 Depth Out (m): 12.7 12.7 12.7 Depth In (m): 1909.00 Total Drilled (m): 58.00 Hrs Run Today: 6.00 Cumulative Hrs Run: 11.25 Entry Date: 23 Dec 2013				No: 1 Component: 156MM BIT ID: 156 Length: 0.18 1 MUD MOTOR 123 34 8.53 1 NM Pony Motor 119 57 3.10 1 Slick monel 119 67 8.47 1 4.75 gap sub 119 63 0.56 1 4.75 LWD SAWR 128 70 6.15 1 4.75 LWD ABS 128 70 4.78 1 X/O 120 56 0.45 1 Slick monel 119 67 8.50 1 X/O SUB 128 58 0.82 3 4" HW 132 70 27.54 1 Jars 131 59 5.07 1 4" H.W 101 65 8.53 23 Drill Pipe 437.05 1 Drill Pipe 9.47 Kelly Down: 0.00 Total: 2067.60 Weight of BOP: 58.00				Mud Type: Water <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Other: <input type="checkbox"/> Time: 12:00 14:00 Density: 1045 1025 Funnel Viscosity: 70 69 Fluid Loss: 0.56 pH: 9.1 Location Of Sample: shaker shaker Depth: 2014.00 2040.00 PVT: 52 51 Circulation: Pump # 2 Type SINGLE Line Size 127 138 16100 7.00 Remarks:				Time: 14:00 2019.00 88.30 300 14:45 2020.50 88.60 299.4 15:30 2038.00 88.50 298.5 Direction: DIRECTIONAL DIRECTIONAL DIRECTIONAL SOLIDS CONTROL: Equipment Name Hours Run Inlets Density Over Flow Density Under Flow Density Centrifuge #1 3.00 1055 990 1710 MUD MATERIALS ADDED: Product Amount Type Remarks: Level 1 inspection on tongs and overhead equipment D.S Blew down boilers 2 times 100 L				From To Elapsed Code Details Of Operations In Sequence & Remarks				CUTTING STRUCTURE: TO 156 1000 8.16 WOB 1000 8.16 LOG 1000 8.16 BNG 1000 8.16				HOLE CONDITION: Hole Drag Up 3000 4000 Torque At Bottom 11400 Fill On Bottom				REDUCED PUMP SPEED: Pump # 2 Pressure 4600 @ 74 @ 1994.00 Strokes/min 74 @ 1994.00 Depth 2 @ 1994.00				BOILER: BoilerNo HoursRun pH StackTemp SAFETY: Safety Topic 71 MEHL 3384 MACP																																																																																								
BITS				DRILLING ASSEMBLY				MUD RECORD				DEVIATION SURVEYS				TIME LOG																																																																																																																																																					
Bit Number: 4 Size: 156 IADC Code: 1 Manufacturer: smith Type: 613 Serial No: jh8402 Job: 12.7 12.7 12.7 Depth Out (m): 12.7 12.7 12.7 Depth In (m): 1909.00 Total Drilled (m): 58.00 Hrs Run Today: 6.00 Cumulative Hrs Run: 11.25 Entry Date: 23 Dec 2013				No: 1 Component: 156MM BIT ID: 156 Length: 0.18 1 MUD MOTOR 123 34 8.53 1 NM Pony Motor 119 57 3.10 1 Slick monel 119 67 8.47 1 4.75 gap sub 119 63 0.56 1 4.75 LWD SAWR 128 70 6.15 1 4.75 LWD ABS 128 70 4.78 1 X/O 120 56 0.45 1 Slick monel 119 67 8.50 1 X/O SUB 128 58 0.82 3 4" HW 132 70 27.54 1 Jars 131 59 5.07 1 4" H.W 101 65 8.53 23 Drill Pipe 437.05 1 Drill Pipe 9.47 Kelly Down: 0.00 Total: 2067.60 Weight of BOP: 58.00				Mud Type: Water <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Other: <input type="checkbox"/> Time: 12:00 14:00 Density: 1045 1025 Funnel Viscosity: 70 69 Fluid Loss: 0.56 pH: 9.1 Location Of Sample: shaker shaker Depth: 2014.00 2040.00 PVT: 52 51 Circulation: Pump # 2 Type SINGLE Line Size 127 138 16100 7.00 Remarks:				Time: 14:00 2019.00 88.30 300 14:45 2020.50 88.60 299.4 15:30 2038.00 88.50 298.5 Direction: DIRECTIONAL DIRECTIONAL DIRECTIONAL SOLIDS CONTROL: Equipment Name Hours Run Inlets Density Over Flow Density Under Flow Density Centrifuge #1 3.00 1055 990 1710 MUD MATERIALS ADDED: Product Amount Type Remarks: Level 1 inspection on tongs and overhead equipment D.S Blew down boilers 2 times 100 L				From To Elapsed Code Details Of Operations In Sequence & Remarks																																																																																																																																																					
CUTTING STRUCTURE: TO 156 1000 8.16 WOB 1000 8.16 LOG 1000 8.16 BNG 1000 8.16				HOLE CONDITION: Hole Drag Up 3000 4000 Torque At Bottom 11400 Fill On Bottom				REDUCED PUMP SPEED: Pump # 2 Pressure 4600 @ 74 @ 1994.00 Strokes/min 74 @ 1994.00 Depth 2 @ 1994.00				BOILER: BoilerNo HoursRun pH StackTemp SAFETY: Safety Topic 71 MEHL 3384 MACP																																																																																																																																																									
TOUR 3										SIGNATURE OF DRILLER: MARCUS HALLOWES										START TIME: 16:00					END TIME: 24:00																																																																																																																																												
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">BITS</th> <th colspan="4">DRILLING ASSEMBLY</th> <th colspan="4">MUD RECORD</th> <th colspan="4">DEVIATION SURVEYS</th> <th colspan="4">TIME LOG</th> </tr> </thead> <tbody> <tr> <td colspan="4"> Bit Number: 4 Size: 156 IADC Code: 1 Manufacturer: smith Type: 613 Serial No: jh8402 Job: 12.7 12.7 12.7 Depth Out (m): 12.7 12.7 12.7 Depth In (m): 1909.00 Total Drilled (m): 215.00 Hrs Run Today: 6.25 Cumulative Hrs Run: 17.50 Entry Date: 26 Dec 2013 </td> <td colspan="4"> No: 1 Component: 156MM BIT ID: 156 Length: 0.18 1 MUD MOTOR 123 34 8.53 1 NM Pony Motor 119 57 3.10 1 Slick monel 119 67 8.47 1 4.75 gap sub 119 63 0.56 1 4.75 LWD SAWR 128 70 6.15 1 4.75 LWD ABS 128 70 4.78 1 X/O 120 56 0.45 1 Slick monel 119 67 8.50 1 X/O SUB 128 58 0.82 3 4" HW 132 70 27.54 1 Jars 131 59 5.07 1 4" H.W 101 65 8.53 26 Drill Pipe 454.08 1 Drill Pipe 9.52 Kelly Down: 0.00 Total: 2124.68 Weight of BOP: 59.00 </td> <td colspan="4"> Mud Type: Water <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Other: <input type="checkbox"/> Time: 20:00 Density: 1030 Funnel Viscosity: 70 Fluid Loss: 0.56 pH: 9.1 Location Of Sample: shaker Depth: 2115.00 PVT: 48 Circulation: Pump # 2 Type SINGLE Line Size 127 137 17000 8.00 Remarks: </td> <td colspan="4"> Time: 20:00 Density: 1030 Funnel Viscosity: 70 Fluid Loss: 0.56 pH: 9.1 Location Of Sample: shaker Depth: 2115.00 PVT: 48 Circulation: Pump # 2 Type SINGLE Line Size 127 137 17000 8.00 MUD MATERIALS ADDED: Product Amount Type Remarks: Level one overhead inspection mh Blew down boilers 2 times @ 100L </td> <td colspan="4"> From To Elapsed Code Details Of Operations In Sequence & Remarks </td> </tr> <tr> <td colspan="4"> CUTTING STRUCTURE: TO 156 1000 12.28 WOB 1000 12.28 LOG 1000 12.28 BNG 1000 12.28 </td> <td colspan="4"> HOLE CONDITION: Hole Drag Up 3 Down 4 Torque At Bottom 9800 Fill On Bottom </td> <td colspan="4"> REDUCED PUMP SPEED: Pump # 2 Pressure 3700 @ 66 @ 2078.00 Strokes/min 66 @ 2078.00 Depth 2 @ 2078.00 </td> <td colspan="4"> BOILER: BoilerNo HoursRun pH StackTemp SAFETY: Safety Topic 71 MEHL 4081 </td> </tr> </tbody> </table>																									BITS				DRILLING ASSEMBLY				MUD RECORD				DEVIATION SURVEYS				TIME LOG				Bit Number: 4 Size: 156 IADC Code: 1 Manufacturer: smith Type: 613 Serial No: jh8402 Job: 12.7 12.7 12.7 Depth Out (m): 12.7 12.7 12.7 Depth In (m): 1909.00 Total Drilled (m): 215.00 Hrs Run Today: 6.25 Cumulative Hrs Run: 17.50 Entry Date: 26 Dec 2013				No: 1 Component: 156MM BIT ID: 156 Length: 0.18 1 MUD MOTOR 123 34 8.53 1 NM Pony Motor 119 57 3.10 1 Slick monel 119 67 8.47 1 4.75 gap sub 119 63 0.56 1 4.75 LWD SAWR 128 70 6.15 1 4.75 LWD ABS 128 70 4.78 1 X/O 120 56 0.45 1 Slick monel 119 67 8.50 1 X/O SUB 128 58 0.82 3 4" HW 132 70 27.54 1 Jars 131 59 5.07 1 4" H.W 101 65 8.53 26 Drill Pipe 454.08 1 Drill Pipe 9.52 Kelly Down: 0.00 Total: 2124.68 Weight of BOP: 59.00				Mud Type: Water <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Other: <input type="checkbox"/> Time: 20:00 Density: 1030 Funnel Viscosity: 70 Fluid Loss: 0.56 pH: 9.1 Location Of Sample: shaker Depth: 2115.00 PVT: 48 Circulation: Pump # 2 Type SINGLE Line Size 127 137 17000 8.00 Remarks:				Time: 20:00 Density: 1030 Funnel Viscosity: 70 Fluid Loss: 0.56 pH: 9.1 Location Of Sample: shaker Depth: 2115.00 PVT: 48 Circulation: Pump # 2 Type SINGLE Line Size 127 137 17000 8.00 MUD MATERIALS ADDED: Product Amount Type Remarks: Level one overhead inspection mh Blew down boilers 2 times @ 100L				From To Elapsed Code Details Of Operations In Sequence & Remarks				CUTTING STRUCTURE: TO 156 1000 12.28 WOB 1000 12.28 LOG 1000 12.28 BNG 1000 12.28				HOLE CONDITION: Hole Drag Up 3 Down 4 Torque At Bottom 9800 Fill On Bottom				REDUCED PUMP SPEED: Pump # 2 Pressure 3700 @ 66 @ 2078.00 Strokes/min 66 @ 2078.00 Depth 2 @ 2078.00				BOILER: BoilerNo HoursRun pH StackTemp SAFETY: Safety Topic 71 MEHL 4081																																																																																								
BITS				DRILLING ASSEMBLY				MUD RECORD				DEVIATION SURVEYS				TIME LOG																																																																																																																																																					
Bit Number: 4 Size: 156 IADC Code: 1 Manufacturer: smith Type: 613 Serial No: jh8402 Job: 12.7 12.7 12.7 Depth Out (m): 12.7 12.7 12.7 Depth In (m): 1909.00 Total Drilled (m): 215.00 Hrs Run Today: 6.25 Cumulative Hrs Run: 17.50 Entry Date: 26 Dec 2013				No: 1 Component: 156MM BIT ID: 156 Length: 0.18 1 MUD MOTOR 123 34 8.53 1 NM Pony Motor 119 57 3.10 1 Slick monel 119 67 8.47 1 4.75 gap sub 119 63 0.56 1 4.75 LWD SAWR 128 70 6.15 1 4.75 LWD ABS 128 70 4.78 1 X/O 120 56 0.45 1 Slick monel 119 67 8.50 1 X/O SUB 128 58 0.82 3 4" HW 132 70 27.54 1 Jars 131 59 5.07 1 4" H.W 101 65 8.53 26 Drill Pipe 454.08 1 Drill Pipe 9.52 Kelly Down: 0.00 Total: 2124.68 Weight of BOP: 59.00				Mud Type: Water <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Other: <input type="checkbox"/> Time: 20:00 Density: 1030 Funnel Viscosity: 70 Fluid Loss: 0.56 pH: 9.1 Location Of Sample: shaker Depth: 2115.00 PVT: 48 Circulation: Pump # 2 Type SINGLE Line Size 127 137 17000 8.00 Remarks:				Time: 20:00 Density: 1030 Funnel Viscosity: 70 Fluid Loss: 0.56 pH: 9.1 Location Of Sample: shaker Depth: 2115.00 PVT: 48 Circulation: Pump # 2 Type SINGLE Line Size 127 137 17000 8.00 MUD MATERIALS ADDED: Product Amount Type Remarks: Level one overhead inspection mh Blew down boilers 2 times @ 100L				From To Elapsed Code Details Of Operations In Sequence & Remarks																																																																																																																																																					
CUTTING STRUCTURE: TO 156 1000 12.28 WOB 1000 12.28 LOG 1000 12.28 BNG 1000 12.28				HOLE CONDITION: Hole Drag Up 3 Down 4 Torque At Bottom 9800 Fill On Bottom				REDUCED PUMP SPEED: Pump # 2 Pressure 3700 @ 66 @ 2078.00 Strokes/min 66 @ 2078.00 Depth 2 @ 2078.00				BOILER: BoilerNo HoursRun pH StackTemp SAFETY: Safety Topic 71 MEHL 4081																																																																																																																																																									

FRONT PAGE SUMMARY										TOUR SHEET SUMMARY										DAILY CHECKS									
License No: WID-2092 WAD Name: COPRC Dodo Canyon E-76 65-106-45 Operator: Conoco Canada Operator's A/E: 10351817 Signature Of Operator's Representative: RICHARD TURGEON 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										BEAV2 20140118_18 Surface Location: E-76-65-10-126-45 Contractor: Beaver Drilling Ltd. Contractor's Job No: 151 Signature Of Contractor's Rig Manager: TONY HIEMSTRA Date: 28-Dec-2013 Time: 06:30 Well Type: HORIZ Rig Name: 2										(1) Daily Well Annual Inspection (2) Detailed Inspection - Weekly (Using Check List) (3) HSE Signs Posted (If Required) (4) Street Closure & Road Closure Permitted (5) Flare Lines Scaled (6) BOP Drills Performed (7) Monthly Inspected BOP-Flare Lines & Degasser Lines (8) Rig Site Health & Safety Meeting (on-site/remote) (9) CAODC Rig Safety Inspection Checklist (on-site/remote) (10) HSE Inspection before Starting or Leaving (11) Driven Riser Checked (12) Minor HSE Checked									
TOUR 1 SIGNATURE OF DRILLER: MARCUS HALLOWES START TIME: 0:00 END TIME: 8:00										TOUR 2 SIGNATURE OF DRILLER: DEVAN SCHLITZER START TIME: 8:00 END TIME: 16:00										TOUR 3 SIGNATURE OF DRILLER: MARCUS HALLOWES START TIME: 16:00 END TIME: 24:00									
DRILLING ASSEMBLY Bit Number: 4 Size: 156 IADC Code: 1 Manufacturer: smith Type: 613 Serial No: jh8402 Job: 12.7 12.7 12.7 Depth Out (m): 1909.00 Depth In (m): 58.00 Total Drilled (m): 5.50 Hrs Run Today: 23.00 Cumulative Hrs Run: 23.00 Entry Date: 0										MUD RECORD Mud Type: Water Other: <input checked="" type="checkbox"/> Time: 04:45 Density: 1010 Funnel Viscosity: 67 Fluid Loss: 44 Location Of Sample: shaker Depth: 2191.00 PVT: 44 Circulation: Pump # 2, Type SINGLE, Liner Size 127, SPM 135, Pressure 16800, Hrs Run 8.00										DEVIATION SURVEYS Time: 06:00, Depth: 2181.50, Deviation: 85.90, Direction: 296.57, Type: DIRECTIONAL 06:30, 2191.00, 86.10, 297.4, DIRECTIONAL 07:15, 2199.50, 86.40, 296.4, DIRECTIONAL									
CUTTING STRUCTURE TO: 12.7 WOB: 12.7 LDC: 12.7 BNC: 12.7 Weight of Bit: 2.52 Weight of Drill: 59.00										HOLE CONDITION Hole Dring: Up 3 4 Torque At Bottom: 10600 Fill On Bottom: 0										REDUCED PUMP SPEED Pump # 2, Pressure 6157, Strokes/min 83, Depth 213.00									
BOILER BoilerNo: , HoursRun: , pH: , StackTemp:										SAFETY Safety Topic: , MEHL: 68, MACP: 4430																			
REMARKS Level one overhead inspection mh Blew down boilers 2 times @ 100L																													
DRILLING ASSEMBLY Bit Number: 4 Size: 156 IADC Code: 1 Manufacturer: smith Type: 613 Serial No: jh8402 Job: 12.7 12.7 12.7 Depth Out (m): 1909.00 Depth In (m): 453.00 Total Drilled (m): 6.00 Hrs Run Today: 29.00 Cumulative Hrs Run: 29.00 Entry Date: 0										MUD RECORD Mud Type: Water Other: <input checked="" type="checkbox"/> Time: 12:00 Density: 1030 Funnel Viscosity: 71 Fluid Loss: 73 Location Of Sample: shaker Depth: 2286.00 PVT: 39 Circulation: Pump # 2, Type SINGLE, Liner Size 127, SPM 125, Pressure 14500, Hrs Run 7.00										DEVIATION SURVEYS Time: 00:00, Depth: 2475.00, Deviation: 88.60, Direction: 298.95, Type: DIRECTIONAL									
CUTTING STRUCTURE TO: 12.7 WOB: 12.7 LDC: 12.7 BNC: 12.7 Weight of Bit: 15.62 Weight of Drill: 64.00										HOLE CONDITION Hole Dring: Up 4 5 Torque At Bottom: 11400 Fill On Bottom: 0										REDUCED PUMP SPEED Pump # 2, Pressure 4521, Strokes/min 70, Depth 228.00									
BOILER BoilerNo: , HoursRun: , pH: , StackTemp:										SAFETY Safety Topic: , MEHL: 68, MACP: 4430																			
REMARKS Level 1 inspection on tongs and overhead equipment D.S Blew down boilers 2 times 100L																													
DRILLING ASSEMBLY Bit Number: 4 Size: 156 IADC Code: 1 Manufacturer: smith Type: 613 Serial No: jh8402 Job: 12.7 12.7 12.7 Depth Out (m): 1909.00 Depth In (m): 586.00 Total Drilled (m): 6.75 Hrs Run Today: 35.75 Cumulative Hrs Run: 35.75 Entry Date: 0										MUD RECORD Mud Type: Water Other: <input checked="" type="checkbox"/> Time: 19:00 Density: 1030 Funnel Viscosity: 70 Fluid Loss: 42 Location Of Sample: shaker Depth: 2438.00 PVT: 42 Circulation: Pump # 2, Type SINGLE, Liner Size 127, SPM 115, Pressure 14800, Hrs Run 8.00										DEVIATION SURVEYS Time: 00:00, Depth: 2475.00, Deviation: 88.60, Direction: 298.95, Type: DIRECTIONAL									
CUTTING STRUCTURE TO: 12.7 WOB: 12.7 LDC: 12.7 BNC: 12.7 Weight of Bit: 16.39 Weight of Drill: 69.00										HOLE CONDITION Hole Dring: Up 4 5 Torque At Bottom: 10900 Fill On Bottom: 0										REDUCED PUMP SPEED Pump # 2, Pressure 3945, Strokes/min 63, Depth 231.00									
BOILER BoilerNo: , HoursRun: , pH: , StackTemp:										SAFETY Safety Topic: , MEHL: 72, MACP: 4256																			
REMARKS Level one overhead inspection mh Blew down boilers 2 times @ 100L																													

FRONT PAGE SUMMARY

[illegible]

FRONT PAGE SUMMARY

Twp Sheet Serial Number

Vendor Software Version

Year

Day

Date

Time

Day

Date

Time

Day

Date

Time

Day

Date

Time

Day

Date

Time

Day

Date

License No

Well Name

Surface Location

RMS 2013.8.14.2704

Unit: Meters

2014

01

20

20

20

20

20

20

20

20

20

20

20

20

20

COPRC Dado Canyon E-76 65-10 126-45

E-76-65-10-126-45

Risks

Well Type

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

Conoco Canada

Beaver Drilling Ltd.

Contractor's Job No

151

Risks

Well Type

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

Operator's A/E

Contractor's Job No

151

Risks

Well Type

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

Signature Of Operator's Representative

Signature Of Contractor's Rig Manager

RICK YAVIS

Rig Release Date/Time

28-Dec-2013

06:30

06:30

06:30

06:30

06:30

06:30

06:30

06:30

06:30

06:30

06:30

06:30

06:30

06:30

06:30

RICHARD TURGEON

RICK YAVIS

Risks

Well Type

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

HORIZ

[illegible]

[illegible]

TOUR		1		SIGNATURE OF DRILLER		BRIAN BERSETH		START TIME		0:00		END TIME		8:00			
BITS		DRILLING ASSEMBLY				MUD RECORD				DEVIATION SURVEYS				TIME LOG			
Bit Number Size ADC Code Manufacturer Type Serial No Job Depth Out (m) Depth In (m) Total Drilled (m) Yes Run Today Cumulative Hrs Run Entry Date		No. Component ID Bit Length Mud Type Water <input type="checkbox"/> Oil <input checked="" type="checkbox"/> Other <input type="text"/> Time Density Funnel Viscosity Fluid Loss pH Location of Sample Depth PVT				Time Depth Deflection Direction Type Details Of Operations In Sequence & Remarks				From To Elapsed Code							
		Circulation Pump # Type Unit Size SPM Pressure Hrs Run 1 500L 127 64 4200 2.00				SOLIDS CONTROL Equipment Name Bricks Run Inlets Density Over Flow Density Under Flow Density Depth PVT											
CUTTING STRUCTURE		Hole Open Top Bottom Weight of DC Weight of string				Remarks				MUD MATERIALS ADDED Product Amount Type							
Holes Drilled From To D-R-C RPM WOB		Hole Condition Hole Open Use Down Torque At Bottom Set Back Pressure				REDUCED PUMP SPEED Pump # Pressure Strokes/min Depth				BOILER Boiler No Hours Run pH Stack Temp							
										SAFETY Safety Topic MEHL MACP							
										cementina 5246							

[illegible]

TOUR 3		BRIAN BERGSETH		START TIME 16:00 EIOD TIME 24:00	
BRIJJA TYPE OF DRILLER					
BITS		DRILLING ASSEMBLY		MUD RECORD	
Bit Number Size ADC Code Manufacturer Type Serial No Job Depth Out (m) Depth In (m) Total Drilled (m) Hrs Run Today Cumulative Hrs Run Entry Date		No. Component ID Length Mud Type Water <input type="checkbox"/> Oil <input checked="" type="checkbox"/> Other Time Density Funnel Viscosity Fluid Loss pH Location Of Sample Depth PVT Circulation Pump # Type Liner Size SPM Pressure Hrs Run Remarks		Deviation Surveys Time Depth Deviation Direction Type Solids Control Equipment Name Hrs Run Inake Density Over Flow Density Under Flow Density Mud Materials Added Product Amount Type Reduced Pump Speed Pump # Pressure Strokes/min Depth Boiler Boiler No Hours Run pH Stack Temp	
CUTTING STRUCTURE		HOLE CONDITION		SAFETY	
TO Gap MDG GGG LOC Hatched S&D S&D Notes		Kelly Down Total Weight of CDC Weight of Drilling		Safety Tags MEHL MACP	
METERS DRILLED From To D.R.C RPM WOB Hole Drag Up Torque At Bottom FSI On Bottom		Down Pump # Pressure Strokes/min Depth Boiler Boiler No Hours Run pH Stack Temp		lay down d.p & run casing MEHL MACP	

FRONT PAGE SUMMARY										Tool Steel Serial Number		Under Software Version		Year		Month		Day		DAILY CHECKS										OP RH																																																																																																																																																								
License No										Well Name		Surface Location		Rig No		Loc Type		Well Type		Rig-Entry		(1) Daily Rig-Entry Inspection (2) Daily Inspection - Weekly (Using Check List) (3) IGSS Signs Periodic Inspection (4) Well Control & Blow-Down Periodic (5) Flow Line Release (6) ROP Signs Periodic (7) Visually Inspected BOP-Flow Lines & Discharge Lines (8) Rig Site Health & Safety Meeting (on-site monthly) (9) CAOC Rig Safety Inspection Checklist (on-site monthly) (10) Visual Inspection before Running or Lifting (11) Churn Bar Check (12) Motor Oil Check										RT BY																																																																																																																																																						
WID-2082										COPRC Dodo Canyon E-76 65-10 126-45		E-76-65-10-126-45		NT		CLSS		HORIZ														RT BY																																																																																																																																																						
Operator										Contractor		Contractor's Job No		Rig Release Date		End Date Time		23-Jan-2014		06:30																																																																																																																																																																		
Conoco Canada										Beaver Drilling Ltd.		151		23-Jan-2014		23:59																																																																																																																																																																						
Operator's A/E										Signature of Operator's Representative		Signature of Contractor's Rig Manager																																																																																																																																																																										
10351817																																																																																																																																																																																						
Code																									FUEL @ 08:00 HRS																																																																																																																																																													
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>1</th><th>2</th><th>3</th><th>4</th><th>5</th><th>6</th><th>7</th><th>8</th><th>9</th><th>10</th><th>11</th><th>12</th><th>13</th><th>14</th><th>15</th><th>16</th><th>17</th><th>18</th><th>19</th><th>20</th><th>21</th><th>22</th><th>23</th><th>24</th><th>25</th><th>TOTAL</th> </tr> <tr> <td>Rig Up</td><td>Drill Actual</td><td>Reaming</td><td>Coating</td><td>Cold Mud & Circ</td><td>Trips</td><td>Rig Service</td><td>Repair Rig</td><td>Cut Off Drilling Line</td><td>Dev Survey</td><td>Wireline Logs</td><td>Run Ctg. & Cement</td><td>Wait On Cement</td><td>Nipple BOP</td><td>Test BOP</td><td>Displacement Test</td><td>Plug Back</td><td>Squeeze Cement</td><td>Flaring</td><td>Dr. Work</td><td>Safety Meeting</td><td>Tear Down</td><td>Waiting On</td><td>Rig. Work</td><td>Other</td><td></td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td>0.25</td><td></td><td></td><td></td><td></td><td></td><td></td><td>6.00</td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.25</td><td>1.50</td><td></td><td></td><td></td><td>8.00</td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td>0.25</td><td></td><td></td><td></td><td></td><td></td><td></td><td>2.75</td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.75</td><td>4.25</td><td></td><td></td><td></td><td>8.00</td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td>0.25</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.50</td><td>7.25</td><td></td><td></td><td></td><td></td><td>8.00</td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td>0.75</td><td></td><td></td><td></td><td></td><td></td><td></td><td>8.75</td><td></td><td></td><td></td><td></td><td></td><td>1.50</td><td>13.00</td><td></td><td></td><td></td><td></td><td>24.00</td> </tr> </table>																									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	Rig Up	Drill Actual	Reaming	Coating	Cold Mud & Circ	Trips	Rig Service	Repair Rig	Cut Off Drilling Line	Dev Survey	Wireline Logs	Run Ctg. & Cement	Wait On Cement	Nipple BOP	Test BOP	Displacement Test	Plug Back	Squeeze Cement	Flaring	Dr. Work	Safety Meeting	Tear Down	Waiting On	Rig. Work	Other								0.25							6.00							0.25	1.50				8.00							0.25							2.75							0.75	4.25				8.00							0.25													0.50	7.25					8.00							0.75							8.75						1.50	13.00					24.00	FUEL @ 08:00 HRS	
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																																																																																																																																																													
Rig Up	Drill Actual	Reaming	Coating	Cold Mud & Circ	Trips	Rig Service	Repair Rig	Cut Off Drilling Line	Dev Survey	Wireline Logs	Run Ctg. & Cement	Wait On Cement	Nipple BOP	Test BOP	Displacement Test	Plug Back	Squeeze Cement	Flaring	Dr. Work	Safety Meeting	Tear Down	Waiting On	Rig. Work	Other																																																																																																																																																														
						0.25							6.00							0.25	1.50				8.00																																																																																																																																																													
						0.25							2.75							0.75	4.25				8.00																																																																																																																																																													
						0.25													0.50	7.25					8.00																																																																																																																																																													
						0.75							8.75						1.50	13.00					24.00																																																																																																																																																													
TOUR 1																									SIGNATURE OF DRILLER: BRIAN BERGSETH																																																																																																																																																													
START TIME: 0:00																									END TIME: 8:00																																																																																																																																																													
BITS																																																																																																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Bit Number</th><th>Size</th><th>ADC Code</th><th>Manufacturer</th><th>Type</th><th>Serial No</th><th>Jets</th><th>Depth Out (m)</th><th>Depth In (m)</th><th>Total Drilled (m)</th><th>Hrs Run Today</th><th>Cumulative Hrs Run</th><th>Entry Date</th> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>																									Bit Number	Size	ADC Code	Manufacturer	Type	Serial No	Jets	Depth Out (m)	Depth In (m)	Total Drilled (m)	Hrs Run Today	Cumulative Hrs Run	Entry Date																																																																																																																																																	
Bit Number	Size	ADC Code	Manufacturer	Type	Serial No	Jets	Depth Out (m)	Depth In (m)	Total Drilled (m)	Hrs Run Today	Cumulative Hrs Run	Entry Date																																																																																																																																																																										
DRILLING ASSEMBLY																																																																																																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>No</th><th>Component</th><th>OD</th><th>ID</th><th>Length</th> </tr> <tr> <td></td><td></td><td></td><td></td><td></td> </tr> </table>																									No	Component	OD	ID	Length																																																																																																																																																									
No	Component	OD	ID	Length																																																																																																																																																																																		
MUD RECORD																																																																																																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Mud Type</th><th>Water</th><th>Oil</th><th>Other</th> </tr> <tr> <td></td><td></td><td></td><td></td> </tr> <tr> <th>Time</th><th>Density</th><th>Funnel Viscosity</th><th>Fluid Loss</th><th>pH</th><th>Location Of Sample</th><th>Depth</th><th>PVT</th> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>																									Mud Type	Water	Oil	Other					Time	Density	Funnel Viscosity	Fluid Loss	pH	Location Of Sample	Depth	PVT																																																																																																																																														
Mud Type	Water	Oil	Other																																																																																																																																																																																			
Time	Density	Funnel Viscosity	Fluid Loss	pH	Location Of Sample	Depth	PVT																																																																																																																																																																															
DEVIATION SURVEYS																																																																																																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Time</th><th>Depth</th><th>Deviation</th><th>Direction</th><th>Type</th> </tr> <tr> <td></td><td></td><td></td><td></td><td></td> </tr> </table>																									Time	Depth	Deviation	Direction	Type																																																																																																																																																									
Time	Depth	Deviation	Direction	Type																																																																																																																																																																																		
TIME LOG																																																																																																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>From</th><th>To</th><th>Elapsed</th><th>Code</th><th>Details Of Operations In Sequence & Remarks</th> </tr> <tr> <td>0:00</td><td>0:15</td><td>0:25</td><td>7</td><td>Rig service</td> </tr> <tr> <td>0:15</td><td>6:15</td><td>6:00</td><td>14E</td><td>Install wellhead with a cap</td> </tr> <tr> <td>6:15</td><td>7:45</td><td>1:50</td><td>22</td><td>Tear out rig flare lines & changed out liners in pump to 6"</td> </tr> <tr> <td>7:45</td><td>8:00</td><td>0:25</td><td>21</td><td>Crew change safety meeting with rig manager and Conoco reps</td> </tr> </table>																									From	To	Elapsed	Code	Details Of Operations In Sequence & Remarks	0:00	0:15	0:25	7	Rig service	0:15	6:15	6:00	14E	Install wellhead with a cap	6:15	7:45	1:50	22	Tear out rig flare lines & changed out liners in pump to 6"	7:45	8:00	0:25	21	Crew change safety meeting with rig manager and Conoco reps																																																																																																																																					
From	To	Elapsed	Code	Details Of Operations In Sequence & Remarks																																																																																																																																																																																		
0:00	0:15	0:25	7	Rig service																																																																																																																																																																																		
0:15	6:15	6:00	14E	Install wellhead with a cap																																																																																																																																																																																		
6:15	7:45	1:50	22	Tear out rig flare lines & changed out liners in pump to 6"																																																																																																																																																																																		
7:45	8:00	0:25	21	Crew change safety meeting with rig manager and Conoco reps																																																																																																																																																																																		
SOLIDS CONTROL																																																																																																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Equipment Name</th><th>Hours Run</th><th>Intake Density</th><th>Over Flow Density</th><th>Under Flow Density</th> </tr> <tr> <td></td><td></td><td></td><td></td><td></td> </tr> </table>																									Equipment Name	Hours Run	Intake Density	Over Flow Density	Under Flow Density																																																																																																																																																									
Equipment Name	Hours Run	Intake Density	Over Flow Density	Under Flow Density																																																																																																																																																																																		
MUD MATERIALS ADDED																																																																																																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Product</th><th>Amount</th><th>Type</th> </tr> <tr> <td></td><td></td><td></td> </tr> </table>																									Product	Amount	Type																																																																																																																																																											
Product	Amount	Type																																																																																																																																																																																				
REDUCED PUMP SPEED																																																																																																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Pump #</th><th>Pressure</th><th>Strokes/min</th><th>Depth</th> </tr> <tr> <td></td><td></td><td></td><td></td> </tr> </table>																									Pump #	Pressure	Strokes/min	Depth																																																																																																																																																										
Pump #	Pressure	Strokes/min	Depth																																																																																																																																																																																			
BOILER																																																																																																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Boiler No</th><th>Hours Run</th><th>pH</th><th>Stack Temp</th><th>SAFETY</th> </tr> <tr> <td>1</td><td>8.00</td><td>11</td><td>450</td><td></td> </tr> <tr> <td>2</td><td>8.00</td><td>11</td><td>450</td><td></td> </tr> </table>																									Boiler No	Hours Run	pH	Stack Temp	SAFETY	1	8.00	11	450		2	8.00	11	450																																																																																																																																																
Boiler No	Hours Run	pH	Stack Temp	SAFETY																																																																																																																																																																																		
1	8.00	11	450																																																																																																																																																																																			
2	8.00	11	450																																																																																																																																																																																			
HOLE CONDITION																																																																																																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Hole Drag</th><th>Up</th><th>Down</th> </tr> <tr> <td></td><td></td><td></td> </tr> </table>																									Hole Drag	Up	Down																																																																																																																																																											
Hole Drag	Up	Down																																																																																																																																																																																				
CUTTING STRUCTURE																																																																																																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>To</th><th>From</th><th>OD</th><th>ID</th><th>Length</th> </tr> <tr> <td></td><td></td><td></td><td></td><td></td> </tr> </table>																									To	From	OD	ID	Length																																																																																																																																																									
To	From	OD	ID	Length																																																																																																																																																																																		
METRES DRILLED																																																																																																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>From</th><th>To</th><th>D-R-C</th><th>RPM</th><th>WOB</th> </tr> <tr> <td></td><td></td><td></td><td></td><td></td> </tr> </table>																									From	To	D-R-C	RPM	WOB																																																																																																																																																									
From	To	D-R-C	RPM	WOB																																																																																																																																																																																		
TOUR 2																																																																																																																																																																																						
SIGNATURE OF DRILLER: DEVAN SCHLITZER																																																																																																																																																																																						
START TIME: 8:00																																																																																																																																																																																						
END TIME: 16:00																																																																																																																																																																																						
BITS																																																																																																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Bit Number</th><th>Size</th><th>ADC Code</th><th>Manufacturer</th><th>Type</th><th>Serial No</th><th>Jets</th><th>Depth Out (m)</th><th>Depth In (m)</th><th>Total Drilled (m)</th><th>Hrs Run Today</th><th>Cumulative Hrs Run</th><th>Entry Date</th> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>																									Bit Number	Size	ADC Code	Manufacturer	Type	Serial No	Jets	Depth Out (m)	Depth In (m)	Total Drilled (m)	Hrs Run Today	Cumulative Hrs Run	Entry Date																																																																																																																																																	
Bit Number	Size	ADC Code	Manufacturer	Type	Serial No	Jets	Depth Out (m)	Depth In (m)	Total Drilled (m)	Hrs Run Today	Cumulative Hrs Run	Entry Date																																																																																																																																																																										
DRILLING ASSEMBLY																																																																																																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>No</th><th>Component</th><th>OD</th><th>ID</th><th>Length</th> </tr> <tr> <td></td><td></td><td></td><td></td><td></td> </tr> </table>																									No	Component	OD	ID	Length																																																																																																																																																									
No	Component	OD	ID	Length																																																																																																																																																																																		
MUD RECORD																																																																																																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Mud Type</th><th>Water</th><th>Oil</th><th>Other</th> </tr> <tr> <td></td><td></td><td></td><td></td> </tr> <tr> <th>Time</th><th>Density</th><th>Funnel Viscosity</th><th>Fluid Loss</th><th>pH</th><th>Location Of Sample</th><th>Depth</th><th>PVT</th> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>																									Mud Type	Water	Oil	Other					Time	Density	Funnel Viscosity	Fluid Loss	pH	Location Of Sample	Depth	PVT																																																																																																																																														
Mud Type	Water	Oil	Other																																																																																																																																																																																			
Time	Density	Funnel Viscosity	Fluid Loss	pH	Location Of Sample	Depth	PVT																																																																																																																																																																															
DEVIATION SURVEYS																																																																																																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Time</th><th>Depth</th><th>Deviation</th><th>Direction</th><th>Type</th> </tr> <tr> <td></td><td></td><td></td><td></td><td></td> </tr> </table>																									Time	Depth	Deviation	Direction	Type																																																																																																																																																									
Time	Depth	Deviation	Direction	Type																																																																																																																																																																																		
TIME LOG																																																																																																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>From</th><th>To</th><th>Elapsed</th><th>Code</th><th>Details Of Operations In Sequence & Remarks</th> </tr> <tr> <td>8:00</td><td>8:15</td><td>0:25</td><td>7</td><td>Rig service</td> </tr> <tr> <td>8:15</td><td>11:00</td><td>2:45</td><td>14E</td><td>Tear out well head cap clean and install new top ring put back together</td> </tr> <tr> <td>11:00</td><td>11:15</td><td>0:25</td><td>21</td><td>Safety meeting on laying down torque tube reviewed jsa#257 tear out top drive</td> </tr> <tr> <td>11:15</td><td>11:30</td><td>0:15</td><td>22</td><td>Tear out torque tube</td> </tr> <tr> <td>11:30</td><td>11:45</td><td>0:15</td><td>21</td><td>Safety meeting on tearing out preflats</td> </tr> <tr> <td>11:45</td><td>12:30</td><td>1:25</td><td>22</td><td>Tear out floor lay down preflats</td> </tr> <tr> <td>12:30</td><td>14:45</td><td>2:15</td><td>21</td><td>Safety meeting on laying up & motoring board tear out</td> </tr> <tr> <td>14:45</td><td>15:00</td><td>0:15</td><td>22</td><td>Tear down</td> </tr> </table>																									From	To	Elapsed	Code	Details Of Operations In Sequence & Remarks	8:00	8:15	0:25	7	Rig service	8:15	11:00	2:45	14E	Tear out well head cap clean and install new top ring put back together	11:00	11:15	0:25	21	Safety meeting on laying down torque tube reviewed jsa#257 tear out top drive	11:15	11:30	0:15	22	Tear out torque tube	11:30	11:45	0:15	21	Safety meeting on tearing out preflats	11:45	12:30	1:25	22	Tear out floor lay down preflats	12:30	14:45	2:15	21	Safety meeting on laying up & motoring board tear out	14:45	15:00	0:15	22	Tear down																																																																																																																	
From	To	Elapsed	Code	Details Of Operations In Sequence & Remarks																																																																																																																																																																																		
8:00	8:15	0:25	7	Rig service																																																																																																																																																																																		
8:15	11:00	2:45	14E	Tear out well head cap clean and install new top ring put back together																																																																																																																																																																																		
11:00	11:15	0:25	21	Safety meeting on laying down torque tube reviewed jsa#257 tear out top drive																																																																																																																																																																																		
11:15	11:30	0:15	22	Tear out torque tube																																																																																																																																																																																		
11:30	11:45	0:15	21	Safety meeting on tearing out preflats																																																																																																																																																																																		
11:45	12:30	1:25	22	Tear out floor lay down preflats																																																																																																																																																																																		
12:30	14:45	2:15	21	Safety meeting on laying up & motoring board tear out																																																																																																																																																																																		
14:45	15:00	0:15	22	Tear down																																																																																																																																																																																		
SOLIDS CONTROL																																																																																																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Equipment Name</th><th>Hours Run</th><th>Intake Density</th><th>Over Flow Density</th><th>Under Flow Density</th> </tr> <tr> <td></td><td></td><td></td><td></td><td></td> </tr> </table>																									Equipment Name	Hours Run	Intake Density	Over Flow Density	Under Flow Density																																																																																																																																																									
Equipment Name	Hours Run	Intake Density	Over Flow Density	Under Flow Density																																																																																																																																																																																		
MUD MATERIALS ADDED																																																																																																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Product</th><th>Amount</th><th>Type</th> </tr> <tr> <td></td><td></td><td></td> </tr> </table>																									Product	Amount	Type																																																																																																																																																											
Product	Amount	Type																																																																																																																																																																																				
REDUCED PUMP SPEED																																																																																																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Pump #</th><th>Pressure</th><th>Strokes/min</th><th>Depth</th> </tr> <tr> <td></td><td></td><td></td><td></td> </tr> </table>																									Pump #	Pressure	Strokes/min	Depth																																																																																																																																																										
Pump #	Pressure	Strokes/min	Depth																																																																																																																																																																																			
BOILER																																																																																																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Boiler No</th><th>Hours Run</th><th>pH</th><th>Stack Temp</th><th>SAFETY</th> </tr> <tr> <td>1</td><td>8.00</td><td>11</td><td>450</td><td></td> </tr> <tr> <td>2</td><td>8.00</td><td>11</td><td>450</td><td></td> </tr> </table>																									Boiler No	Hours Run	pH	Stack Temp	SAFETY	1	8.00	11	450		2	8.00	11	450																																																																																																																																																
Boiler No	Hours Run	pH	Stack Temp	SAFETY																																																																																																																																																																																		
1	8.00	11	450																																																																																																																																																																																			
2	8.00	11	450																																																																																																																																																																																			
HOLE CONDITION																																																																																																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Hole Drag</th><th>Up</th><th>Down</th> </tr> <tr> <td></td><td></td><td></td> </tr> </table>																									Hole Drag	Up	Down																																																																																																																																																											
Hole Drag	Up	Down																																																																																																																																																																																				
CUTTING STRUCTURE																																																																																																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>To</th><th>From</th><th>OD</th><th>ID</th><th>Length</th> </tr> <tr> <td></td><td></td><td></td><td></td><td></td> </tr> </table>																									To	From	OD	ID	Length																																																																																																																																																									
To	From	OD	ID	Length																																																																																																																																																																																		
METRES DRILLED																																																																																																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>From</th><th>To</th><th>D-R-C</th><th>RPM</th><th>WOB</th> </tr> <tr> <td></td><td></td><td></td><td></td><td></td> </tr> </table>																									From	To	D-R-C	RPM	WOB																																																																																																																																																									
From	To	D-R-C	RPM	WOB																																																																																																																																																																																		
TOUR 3																																																																																																																																																																																						
SIGNATURE OF DRILLER: BRIAN BERGSETH																																																																																																																																																																																						
START TIME: 16:00																																																																																																																																																																																						
END TIME: 24:00																																																																																																																																																																																						
BITS																																																																																																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Bit Number</th><th>Size</th><th>ADC Code</th><th>Manufacturer</th><th>Type</th><th>Serial No</th><th>Jets</th><th>Depth Out (m)</th><th>Depth In (m)</th><th>Total Drilled (m)</th><th>Hrs Run Today</th><th>Cumulative Hrs Run</th><th>Entry Date</th> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>																									Bit Number	Size	ADC Code	Manufacturer	Type	Serial No	Jets	Depth Out (m)	Depth In (m)	Total Drilled (m)	Hrs Run Today	Cumulative Hrs Run	Entry Date																																																																																																																																																	
Bit Number	Size	ADC Code	Manufacturer	Type	Serial No	Jets	Depth Out (m)	Depth In (m)	Total Drilled (m)	Hrs Run Today	Cumulative Hrs Run	Entry Date																																																																																																																																																																										
DRILLING ASSEMBLY																																																																																																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>No</th><th>Component</th><th>OD</th><th>ID</th><th>Length</th> </tr> <tr> <td></td><td></td><td></td><td></td><td></td> </tr> </table>																									No	Component	OD	ID	Length																																																																																																																																																									
No	Component	OD	ID	Length																																																																																																																																																																																		
MUD RECORD																																																																																																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Mud Type</th><th>Water</th><th>Oil</th><th>Other</th> </tr> <tr> <td></td><td></td><td></td><td></td> </tr> <tr> <th>Time</th><th>Density</th><th>Funnel Viscosity</th><th>Fluid Loss</th><th>pH</th><th>Location Of Sample</th><th>Depth</th><th>PVT</th> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>																									Mud Type	Water	Oil	Other					Time	Density	Funnel Viscosity	Fluid Loss	pH	Location Of Sample	Depth	PVT																																																																																																																																														
Mud Type	Water	Oil	Other																																																																																																																																																																																			
Time	Density	Funnel Viscosity	Fluid Loss	pH	Location Of Sample	Depth	PVT																																																																																																																																																																															
DEVIATION SURVEYS																																																																																																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Time</th><th>Depth</th><th>Deviation</th><th>Direction</th><th>Type</th> </tr> <tr> <td></td><td></td><td></td><td></td><td></td> </tr> </table>																									Time	Depth	Deviation	Direction	Type																																																																																																																																																									
Time	Depth	Deviation	Direction	Type																																																																																																																																																																																		
TIME LOG																																																																																																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>From</th><th>To</th><th>Elapsed</th><th>Code</th><th>Details Of Operations In Sequence & Remarks</th> </tr> <tr> <td>16:00</td><td>16:15</td><td>0:25</td><td>7</td><td>Rig service</td> </tr> <tr> <td>16:15</td><td>16:30</td><td>0:25</td><td>21</td><td>Safety meeting on laying down derrick reviewed jsa#175 Laying down derrick</td> </tr> <tr> <td>16:30</td><td>19:00</td><td>2:50</td><td>22</td><td>Inspect derrick before laying downry.ds.er lay down derrick</td> </tr> <tr> <td>19:00</td><td>19:15</td><td>0:25</td><td>21</td><td>Crew change safety meeting</td> </tr> <tr> <td>19:15</td><td>24:00</td><td>4:45</td><td>22</td><td>Tear down rig</td> </tr> </table>																									From	To	Elapsed	Code	Details Of Operations In Sequence & Remarks	16:00	16:15	0:25	7	Rig service	16:15	16:30	0:25	21	Safety meeting on laying down derrick reviewed jsa#175 Laying down derrick	16:30	19:00	2:50	22	Inspect derrick before laying downry.ds.er lay down derrick	19:00	19:15	0:25	21	Crew change safety meeting	19:15	24:00	4:45	22	Tear down rig																																																																																																																																
From	To	Elapsed	Code	Details Of Operations In Sequence & Remarks																																																																																																																																																																																		
16:00	16:15	0:25	7	Rig service																																																																																																																																																																																		
16:15	16:30	0:25	21	Safety meeting on laying down derrick reviewed jsa#175 Laying down derrick																																																																																																																																																																																		
16:30	19:00	2:50	22	Inspect derrick before laying downry.ds.er lay down derrick																																																																																																																																																																																		
19:00	19:15	0:25	21	Crew change safety meeting																																																																																																																																																																																		
19:15	24:00	4:45	22	Tear down rig																																																																																																																																																																																		
SOLIDS CONTROL																																																																																																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Equipment Name</th><th>Hours Run</th><th>Intake Density</th><th>Over Flow Density</th><th>Under Flow Density</th> </tr> <tr> <td></td><td></td><td></td><td></td><td></td> </tr> </table>																									Equipment Name	Hours Run	Intake Density	Over Flow Density	Under Flow Density																																																																																																																																																									
Equipment Name	Hours Run	Intake Density	Over Flow Density	Under Flow Density																																																																																																																																																																																		
MUD MATERIALS ADDED																																																																																																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Product</th><th>Amount</th><th>Type</th> </tr> <tr> <td></td><td></td><td></td> </tr> </table>																									Product	Amount	Type																																																																																																																																																											
Product	Amount	Type																																																																																																																																																																																				
REDUCED PUMP SPEED																																																																																																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Pump #</th><th>Pressure</th><th>Strokes/min</th><th>Depth</th> </tr> <tr> <td></td><td></td><td></td><td></td> </tr> </table>																									Pump #	Pressure	Strokes/min	Depth																																																																																																																																																										
Pump #	Pressure	Strokes/min	Depth																																																																																																																																																																																			
BOILER																																																																																																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Boiler No</th><th>Hours Run</th><th>pH</th><th>Stack Temp</th><th>SAFETY</th> </tr> <tr> <td>1</td><td>8.00</td><td>11</td><td>450</td><td></td> </tr> <tr> <td>2</td><td>8.00</td><td>11</td><td>450</td><td></td> </tr> </table>																									Boiler No	Hours Run	pH	Stack Temp	SAFETY	1	8.00	11	450		2	8.00	11	450																																																																																																																																																
Boiler No	Hours Run	pH	Stack Temp	SAFETY																																																																																																																																																																																		
1	8.00	11	450																																																																																																																																																																																			
2	8.00	11	450																																																																																																																																																																																			
HOLE CONDITION																																																																																																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Hole Drag</th><th>Up</th><th>Down</th> </tr> <tr> <td></td><td></td><td></td> </tr> </table>																									Hole Drag	Up	Down																																																																																																																																																											
Hole Drag	Up	Down																																																																																																																																																																																				
CUTTING STRUCTURE																																																																																																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>To</th><th>From</th><th>OD</th><th>ID</th><th>Length</th> </tr> <tr> <td></td><td></td><td></td><td></td><td></td> </tr> </table>																									To	From	OD	ID	Length																																																																																																																																																									
To	From	OD	ID	Length																																																																																																																																																																																		
METRES DRILLED																																																																																																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>From</th><th>To</th><th>D-R-C</th><th>RPM</th><th>WOB</th> </tr> <tr> <td></td><td></td><td></td><td></td><td></td> </tr> </table>																									From	To	D-R-C	RPM	WOB																																																																																																																																																									
From	To	D-R-C	RPM	WOB																																																																																																																																																																																		