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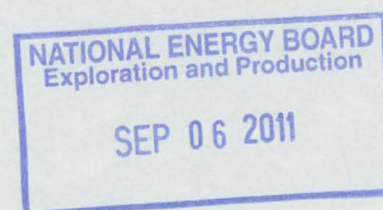
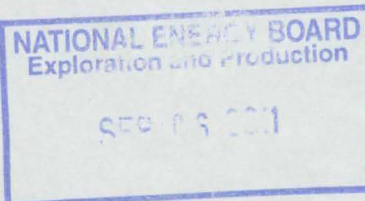
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2011 SEP -6 A 11:20

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1	TOUR SHEETS
2	WELLHEAD SCHEMATIC + DETAILS
3	DOWNHOLE SCHEMATIC
4	SIGNED LAND SURVEY
5	

FRONT PAGE SUMMARY															DAILY CHECKS										OP RM													
License No 2074 Well Name PARA ET AL CAMERON E-52 Operator PARAMOUNT RESOURCES LTD. Operator's AFE 10N110008 Signature of Operator Representative BLINSTON															Your Sheet Serial Number 7X8424_20110205_18 Surface Location 60.01:26.00N/117:25:53.30W Contractor NABORS DRILLING Contractor's Job No C6776 Signature of Contractor's Rig Manager MICHAEL NUGENT										Vendor Software Version Pason Year 2011 Month 02 Day 06 Prov NY Loc Type LAT-LONG Unique Well Id 300E626010117150 Rig No 24 Well Type VERT Spud Date Time 2011/02/06 18:00 Rig Release Date Time										1) Daily Walk Around Inspection 2) Detailed Inspection - Weekly (Using Check List) 3) H2S Signs Posted if Required 4) Well License & Stick Diagram Posted 5) Flow Lines Staked 6) BOP Drills Performed 7) Visually Inspected BOPs - Flow Lines & Degasser Lines 8) Rig Site Health & Safety Meeting (one/crow/month) 9) CAODC Rig Safety Inspection Checklist (one/rig/month) 10) Meet Inspection before Raising or Lowering 11) Crown Saver Checked 12) Motor Kilo Checked		0000 MIN 0000 MIN 0000 MIN 0000 MIN	
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															FUEL @ 08:00 HOURS Fuel 155.00 0.00 Fuel 17.00 0.00 WEATHER Temp 2.00 Wind 10.00 Cloud 0.00 Humid 10.00 Pres 1013.00 Wind Dir 10.00																							
HOURS Tour 1 11.75 Tour 2 11.75 Tour 3 11.75 Total 11.75															TOTAL 24.00																							

TOUR 1 SIGNATURE OF DRILLER															START TIME										END TIME																																																	
WADE STEVENSON															00:00										12:0																																																	
BITS Bit Number Size IADC 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 No Component OD ID Length Drill Pipe Drill Pipe Kelly Down Total Weight of DC Weight of String															MUD RECORD Mud Type Water ☐ Oil ☐ Other Time Density Funnel Viscosity Fluid Loss pH Location of Sample Depth PVT CIRCULATION Pump# Type Liner Size SPM Pressure Hours Run 1 152 0 0 0 Remarks:															DEVIATION SURVEYS Time Depth Deviation Direction Type SOLIDS CONTROL Equipment Name Hours Run Intake Density Over Flow Density Under Flow Density MUD MATERIALS ADDED Product Amount Type Boiler Boiler # Hours Run pH Stack Temp															TIME LOG From To Elapsed Code 00:00 04:00 4.00 148 04:00 07:00 3.00 22 07:00 07:15 0.25 21 07:15 12:00 4.75 22 Details of Operations in Sequence & Remarks CONTINUE TO NIPPLE DOWN BOPs / REMOVE DSA & INSTALL BOTTOM OF THE WELL HEAD CONTINUE TO CLEAN MUD TANKS RIG OUT WATER, CATWALK/PIPE TABLE, CLEAN MUD TANKS SAFETY MEETING WITH BOTH CREWS CONTINUE TO TEAR DOWN RIG DO PRELOWER INSPECTION PRIOR TO LOWERING DERRICK TEAR OUT STEAM, POWER & AIR LOAD OUT CATWALK, PIPE TUBS & SHACKS														
CUTTING STRUCTURE TI TO Gage ODC MDC Reason Pulled LOC Total Run (m/hr) BRG															HOLE CONDITION Hole Drag Up ☐ Down ☐ Torque at Bottom Fill on Bottom															REDUCED PUMP SPEED Pump No. Pressure Strokes/min Depth 1 0 0 0															SAFETY Safety Topic MEHL MACP																													

TOUR 2 SIGNATURE OF DRILLER															START TIME										END TIME																																																	
TIM BRIDGE															12:00										24:0																																																	
BITS Bit Number Size IADC 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 No Component OD ID Length Drill Pipe Drill Pipe Kelly Down Total Weight of DC Weight of String															MUD RECORD Mud Type Water ☐ Oil ☐ Other Time Density Funnel Viscosity Fluid Loss pH Location of Sample Depth PVT CIRCULATION Pump# Type Liner Size SPM Pressure Hours Run 1 152 0 0 0 Remarks:															DEVIATION SURVEYS Time Depth Deviation Direction Type SOLIDS CONTROL Equipment Name Hours Run Intake Density Over Flow Density Under Flow Density MUD MATERIALS ADDED Product Amount Type Boiler Boiler # Hours Run pH Stack Temp															TIME LOG From To Elapsed Code 12:00 12:15 0.25 21 12:15 20:00 7.75 1A 20:00 24:00 4.00 1 Details of Operations in Sequence & Remarks SAFETY MEETING WITH MULLEN TRUCKING LOAD UP & MOVE THE RIG & MATTING TO NEW LOCATION SPOT MATTING AND RIG RIG UP STEAM, POWER, AIR, FUEL, MUDTANKS & PERPARE THE DERRICK														
CUTTING STRUCTURE TI TO Gage ODC MDC Reason Pulled LOC Total Run (m/hr) BRG															HOLE CONDITION Hole Drag Up ☐ Down ☐ Torque at Bottom Fill on Bottom															REDUCED PUMP SPEED Pump No. Pressure Strokes/min Depth 1 0 0 0															SAFETY Safety Topic MEHL MACP																													

TOUR 3 SIGNATURE OF DRILLER															START TIME										END TIME																																																	
BITS Bit Number Size IADC 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 No Component OD ID Length Drill Pipe Drill Pipe Kelly Down Total Weight of DC Weight of String															MUD RECORD Mud Type Water ☐ Oil ☐ Other Time Density Funnel Viscosity Fluid Loss pH Location of Sample Depth PVT CIRCULATION Pump# Type Liner Size SPM Pressure Hours Run 1 152 0 0 0 Remarks:															DEVIATION SURVEYS Time Depth Deviation Direction Type SOLIDS CONTROL Equipment Name Hours Run Intake Density Over Flow Density Under Flow Density MUD MATERIALS ADDED Product Amount Type Boiler Boiler # Hours Run pH Stack Temp															TIME LOG From To Elapsed Code Details of Operations in Sequence & Remarks														
CUTTING STRUCTURE TI TO Gage ODC MDC Reason Pulled LOC Total Run (m/hr) BRG															HOLE CONDITION Hole Drag Up ☐ Down ☐ Torque at Bottom Fill on Bottom															REDUCED PUMP SPEED Pump No. Pressure Strokes/min Depth 1 0 0 0															SAFETY Safety Topic MEHL MACP																													



The bottom right corner of the page features two logos. The top logo is for CACDC (California Air Resources Board), consisting of a stylized shield shape with the letters 'CACDC' inside. Below it is the 'pason' logo, which is written in a lowercase, italicized, sans-serif font. A curved line sweeps from the right side of the 'pason' logo towards the center of the page.

TOUR 2				SIGNATURE OF DRILLER				TIM BRIDGET				START TIME				12:00				END TIME				24:1																																			
BITS												DRILLING ASSEMBLY												MUD RECORD												DEVIATION SURVEYS												TIME LOG											
Bit Number 1 Size 311 IADC Code 4 3 7 Manufacturer KINGDREAM Type HT09GC Serial No L26207 Jets Depth Out (m) Depth In (m) 0 Total Drilled (m) 58 Hrs Run Today 6.75 Cumulative Hrs Run 6.75 Entry Date 2011/02/06												No Component OD ID Length 1 BIT 311 0 0.30m 2 BIT SUB 301 76 0.82m 3 DC (6.00 IN) 195 76 18.56m 4 W/O 195 76 0.87m 5 W/O 126 60 0.69m 6 DC (5.00 IN) 126 60 9.60m 7 TELEDRIFT 129 59 2.61m 8 DC (5.00 IN) 126 60 19.19m												Mud Type Water 311 0 0.30m Other Time 22:00 Density 1080 Funnel Viscosity 30sf Fluid Loss pH 8.5 Location of Sample SHAKEE Depth 39m PVT 37mc3												Time Depth Deviation Direction Type 12:00 14:00 2.00 14:00 14:45 0.75 9C 14:45 15:30 0.75 1 15:30 16:00 0.50 21F 16:00 17:45 1.75 1 17:45 18:00 0.25 21 18:00 18:45 0.75 2 18:45 19:00 0.25 21 19:00 24:00 5.00 2												Details of Operations in Sequence & Remarks RIG UP, TIE IN CENTRIFUGE LINES AND DRYER MAKE UP 311MM 437 SURFACE BIT AND 203MM COLLARS THAW KELLY SOCK AND KELLY SAFETY INSPECTION, CONDUCT HAZARD HUNT, CONSTRUCTION COMPLETED BUILDING LEASE TO GRADE, TRANSFERRED THE REMAIND OF THE MAIN HOLW MUD OVER FROM 2H-03 RIG UP, SPOTTED LIGHT TOWERS, TIED ON BOILER SLOWDOWN TANK AND WORKED O DERRICK LIGHTING WITH LAFORCE ELECTRIC PRE SPUD MEETING WITH DAY CREW, PARAMOUNT REP AND SERVICE HAND DRILL 311MM HOLE FR 10M-25M PRE SPUD MEETING WITH NIGHTWITH CREW, PARAMOUNT REP AND SERVICE HAND DRILL 311 MM HOLE FROM 25M TO 58M											
CUTTING STRUCTURE												CIRCULATION												SOLIDS CONTROL												MUD MATERIALS ADDED																							
TI Gage TD ODC MDC Reason Pulled LOC Total Run (m/hr) BRG												Drill Pipe 2 Stands 0.90m Drill Pipe 25 Singles 0.90m Kelly Down 6.07m Total 58.51m Weight of DC 8kdaN Weight of String 14kdaN												Pump # Type Liner Size SPM Pressure Hours Run 1 SINGLE 152 100 425 6												Equipment Name Hours Run Intake Density Over Flow Density Under Flow Density 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												Product Amount Type 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											
METRES DRILLED												REMARKS												REDUCED PUMP SPEED												BOILER																							
From To D-R-C' RPM WDB 0m 58m DRILL 100 6kdaN												Hole Drag Up Down Torque at Bottom Fill on Bottom												Pump No Pressure Strokes/min Depth 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												Boiler # Hours Run pH Stack Temp 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																							
SAFETY												REMARKS												REDUCED PUMP SPEED												BOILER																							
Safety Topic PROPER INSPECTION OF RIG EQUIPMENT MEHL MACP												30.00kdaN												30												30																							

V. 1.2

DRILL ASSEMBLY & SPECIAL EVENTS - ADDITIONAL DATA				Tour Sheet Serial No	Vendor Software Version	Year	Month	Day
				0X8424 20110206 1B	Pason	2011	02	06
License No	Well Name	Surface Location	Prov	Loc Type	Unique Well Id			
2074	PARA ET AL CAMERON E-52	60:01:26.00N/117:25:53.30W	NT	LAT-LONG	300E526010117150			
Operator	Contractor	Rig No	Well Type	Re-Entry				
PARAMOUNT RESOURCES LTD.	NABORS DRILLING	24	VERT	☐				
Operator's AFE	Contractor's Job No							
10N110008	C6776							
Signature of Operator Representative	Signature of Contractor's Rig Manager							
JOSH BLINSTON	MICHAEL NUGENT							
		Spud Date Time						
		2011/02/06 18:00						
		Rig Release Date Time						



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DRILLING ASSEMBLY					TOUR 2	
No	Component	OD	ID	Length		
1	BIT	311	0.00	0.30		
1	BIT SUB	301.00	76.00	0.82		
2	DC (8.00 IN)	195.00	76.00	18.56		
1	X/O	195.00	76.00	0.67		
1	X/O	126.00	60.00	0.69		
1	DC (5.00 IN)	126.00	60.00	9.60		
1	TELEDRIFT	129.00	59.00	2.61		
2	DC (5.00 IN)	126.00	60.00	19.19		
0	Drill Pipe		Stands	0.00		
0	Drill Pipe		Singles	0.00		
	Kelly Down			6.07		
	Total			58.51		
	Weight of DC			8.00		
	Weight of String			14.00		

DRILLING ASSEMBLY					TOUR	
No	Component	OD	ID	Length		

Tour No.	Event No.	Description	Time	Depth
2	JSA REVIEW	B-35 RIG TONG USE, B-22 PICK UP DRILL COLLARS, B-21 OPERATING DRILL PANEL CONTROLS	12:00	

DRILL ASSEMBLY & SPECIAL EVENTS - ADDITIONAL DATA				Tour Sheet Serial No 0X8424 20110207 1A	Vendor Software Version Pason	Year 2011	Month 02	Day 07
License No 2074	Well Name PARA ET AL CAMERON E-52	Surface Location 60:01:26.00N/117:25:53.30W			Prov NT	Loc Type LAT-LONG	Unique Well Id 300E526010117150	
Operator PARAMOUNT RESOURCES LTD.	Contractor NABORS DRILLING			Rig No 24	Well Type VERT	Re-Entry ☐		
Operator's AFE 10N110008	Contractor's Job No C6776				Spud Date Time 2011/02/06 18:00			
Signature of Operator Representative JOSH BLINSTON	Signature of Contractor's Rig Manager MICHAEL NUGENT				Rig Release Date Time			



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[illegible]

Tour No.	Event No.	Description	Time	Depth
1	JSA REVIEW	B-22 PICK UP DC, B-06 DOG COLLAR USE	00:00	
2	JSA REVIEW	B-41 CONNECTIONS, B-51 INSTALL KELLY BUSHINGS INTO TABLE	12:00	

MUD SAMPLE - ADDITIONAL DATA

Tour Sheet Serial No 0X8424_20110207_1A Vendor Software Version Pason Year 2011 Month 02 Day 07



License No 2074	Well Name PARA ET AL CAMERON E-52	Surface Location 60:01:26.00N/117:25:53.30W	Prov NT	Loc Type LAT-LONG	Unique Well Id 300E526010117150
Operator PARAMOUNT RESOURCES LTD. Operator's AFE 10N110008 Signature of Operator Representative JOSH BLINSTON		Contractor NABORS DRILLING Contractor's Job No C6776 Signature of Contractor's Rig Manager MICHAEL NUGENT		Rig No 24	Well Type VERT Spud Date Time 2011/02/06 18:00 Rig Release Date Time
				Re-Entry ☐	



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TOUR 1		MUD TYPE WATER BASE				WATER x		OIL		OTHER					
	Time	02:00	04:00	06:00	10:00										
	Density	1050kg/m3	1060kg/m3	1060kg/m3	1050kg/m3										
	Funnel Viscosity	44s/l	45s/l	44s/l	48s/l										
	Fluid Loss														
	Fluid pH	8.5	8.5	8.5	8.5										
	Location of Sample	SHAKER	SHAKER	SHAKER	SHAKER										
	Depth	83m	99m	110m											
	PVT	37m3	36.76m3	36m3											
Test 1	Type (Ex: Chlorides)														
	Value														
Test 2	Type (ex: Sand%)														
	Value														
Test 3	Type (ex: Hard Ca)														
	Value														
Test 4	Type (ex: Sulfides)														
	Value														

MUD SAMPLE REMARKS

MUD SAMPLE - ADDITIONAL DATA

Tour Sheet Serial No

0X8424_20110207_1A

Vendor Software Version

Pason

Year

2011

Month

02

Day

07



License No 2074	Well Name PARA ET AL CAMERON E-52	Surface Location 60:01:26.00N/117:25:53.30W	Prov NT	Loc Type LAT-LONG	Unique Well Id 300E526010117150
Operator PARAMOUNT RESOURCES LTD. Operator's AFE 10N110008 Signature of Operator Representative JOSH BLINSTON	Contractor NABORS DRILLING Contractor's Job No C6776 Signature of Contractor's Rig Manager MICHAEL NUGENT	Rig No 24	Well Type VERT	Spud Date Time 2011/02/06 18:00	Re-Entry ☐ Rig Release Date Time



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TOUR		MUD TYPE		WATER		OIL		OTHER	
2		POLYMER		x					
Time	22:00								
	Density	1090kg/m3							
	Funnel Viscosity	47s/l							
	Fluid Loss								
	Fluid pH	8							
	Location of Sample	SHAKER							
	Depth	300m							
	PVT	37m3							
Test 1	Type (Ex: Chlorides)								
	Value								
Test 2	Type (ex: Sand%)								
	Value								
Test 3	Type (ex: Hard Ca)								
	Value								
Test 4	Type (ex: Sulfides)								
	Value								

MUD SAMPLE REMARKS



TOTAL	Kelly Bushing	8.02	Op Fuel	
	FUEL @ 08:00 HOUR			
	Rtg	145.00	Slider	0.0
	Rate	06.00	Temp	-27.0
	Current Conditions			
WEATHER	CLEAR			
	Wind Direction		Wind Strength	
			CALM	
24.00	Road Condition			
	DRIER			

TIME 12:00

Sequence & Remarks

DRILL ASSEMBLY & SPECIAL EVENTS - ADDITIONAL DATA				Tour Sheet Serial No 0X8424 20110208 1B		Vendor Software Version Pason		Year 2011	Month 02	Day 08
License No 2074		Well Name PARA ET AL CAMERON E-52		Surface Location 60:01:26.00N/117:25:53.30W		Prov NT	Loc Type LAT-LONG	Unique Well Id 300E526010117150		
Operator PARAMOUNT RESOURCES LTD. Operator's AFE 10N110008 Signature of Operator Representative JOSH BLINSTON				Contractor NABORS DRILLING Contractor's Job No C6776 Signature of Contractor's Rig Manager MICHAEL NUGENT		Rig No 24	Well Type VERT Spud Date Time 2011/02/06 18:00 Rig Release Date Time 2011/02/09 23:59	Re-Entry ☐		



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DRILLING ASSEMBLY				TOUR 1	
No	Component	OD	ID	Length	
1	BIT	311	0.00	0.30	
1	BIT SUB	301.00	76.00	0.82	
2	DC (8.00 IN)	195.00	76.00	18.56	
1	X/O	195.00	76.00	0.67	
1	X/O	126.00	60.00	0.69	
1	DC (5.00 IN)	126.00	60.00	9.60	
1	TELEDRIFT	129.00	59.00	2.61	
5	DC (5.00 IN)	126.00	60.00	47.95	
1	JARS-HYD/MECH	125.00	59.00	5.32	
8	DC (5.00 IN)	126.00	60.00	76.78	
2	DC (5.00 IN)	126.00	60.00	19.21	
10	HWDP(4.0 IN)	126.00	60.00	93.53	
1	Drill Pipe	Stands		19.26	
1	Drill Pipe	Singles		9.60	
Kelly Down				10.25	
Total				315.15	
Weight of DC				8.00	
Weight of String				30.00	

DRILLING ASSEMBLY				TOUR 1	
No	Component	OD	ID	Length	
				</	

SPECIAL EVENTS				
Tour No.	Event No.	Description	Time	Depth
1	JSA REVIEW	A-08 FUELING	00:00	315
2	JSA REVIEW	B-27RIG TO CEMENT CASING B-28 RIG TO RUN CASING	19:00	366

FRONT PAGE SUMMARY										DAILY CHECKS										OP RM																																																																																																																																																																														
License No: 2074 Well Name: PARA ET AL CAMERON E-62 Operator: PARAMOUNT RESOURCES LTD. Operator's AFE: 10N110008 Signature of Operator Representative: BLINSTON										Tour Sheet Serial Number: 008424_20110209_1B Surface Location: 60:01:26.00N/117:25:53.30W Contractor: NABORS DRILLING Contractor's Job No: C6776 Signature of Contractor's Rig Manager: MICHAEL NUGENT										Vendor Software Version: Pason Year: 2011 Month: 02 Day: 09 Prov: NT Loc Type: LAT-LONG Unique Well Id: 300E526010117150 Rig No: 24 Well Type: VERT Spud Date Time: 2011/02/06 18:00 Rig Release Date Time: 2011/02/09 23:59										1) Daily Walk Around Inspection 2) Detailed Inspection - Weekly (Using Check List) 3) H2S Signs Posted if Required 4) Well License & Stick Diagram Posted 5) Flare Lines Staked 6) BOP Drills Performed 7) Visually Inspected BOPs - Flare Lines & Degasser Lines 8) Rig Site Health & Safety Meeting (one/crew/week) 9) CAODC Rig Safety Inspection Checklist (one/10/10/10) 10) Meest Inspection before Raising or Lowering 11) Crown Saver Checked 12) Motor Rits Checked		1) Fuel 2) Oil 3) Grease 4) Water																																																																																																																																																																		
<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 HOURS</th> <th>WEATHER</th> </tr> </thead> <tbody> <tr> <td>Hours</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><td></td><td></td> </tr> <tr> <td>Tour 1</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><td></td><td></td> </tr> <tr> <td>Tour 2</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><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><td></td><td></td> </tr> <tr> <td>Total</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><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 HOURS	WEATHER	Hours																												Tour 1																												Tour 2																												Tour 3																												Total																											
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TOUR 2 SIGNATURE OF DRILLER										TIM BRIDGE										START TIME		END TIME																							
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TOUR 3 SIGNATURE OF DRILLER										TIM BRIDGE										START TIME		END TIME																							
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FRONT PAGE SUMMARY										TOUR SHEET SERIAL NUMBER										DAILY CHECKS																																																																																																																																																												
License No: 2074 Well Name: PARA ET AL CAMERON E-52 Operator: PARAMOUNT RESOURCES LTD. Operator's AFE: 10N110008 Signature of Operator Representative: WILLIAMS										Tour Sheet Serial Number: 0XB424_20110321_2B Surface Location: 80-01:26.00N/117:25:53.30W Contractor: NABORS DRILLING Contractor's Job No: C6776 Signature of Contractor's Rig Manager: MICHAEL NUGENT										Vendor Software Version: Pason Year: 2011 Month: 03 Day: 21 Prov: NT Loc Type: LAT-LONG Unique Well Id: 300E826010117180 Rig No: 24 Well Type: VERT Spud Date Time: Rig Release Date Time: Re-Entry: ☐																																																																																																																																																												
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TOUR 2 SIGNATURE OF DRILLER										KRIS HAY										START TIME										12:00										END TIME										24:00									
BITS Bit Number: Size: IADC 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 No Component OD ID Length Drill Pipe: Stands: Drill Pipe: Singles: Kelly Down: Total: Weight of DC: Weight of String:										MUD RECORD Mud Type: Water: Oil: Other: Time: Density: Funnel Viscosity: Fluid Loss: pH: Location of Sample: Depth: PVT:										DEVIATION SURVEYS Time Depth Deviation Direction Type										TIME LOG From To Elapsed Code Details of Operations In Sequence & Remarks																			
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Contractor: NABORS DRILLING Contractor's Job No: C6776 Signature of Contractor's Rig Manager: MICHAEL NUGENT															Re-Entry: ☐										FUEL @ 08:00 HOURS Fuel: 121.00 Cost: 0.00 Weather: CLEAR Wind: 05.00 Temp: 18.00 Humidity: 54% Cloud: 50% Visibility: 10.00																																																																																																																																																																	
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DRILL ASSEMBLY & SPECIAL EVENTS - ADDITIONAL DATA					Tour Sheet Serial No	Vendor Software Version	Year	Month	Day
					0X8424 20110322 1A	Pason	2011	03	22
License No	Well Name	Surface Location			Prov	Loc Type	Unique Well Id		
2074	PARA ET AL CAMERON E-52	60:01:26.00N/117:25:53.30W			NT	LAT-LONG	300E526010117150		
Operator		Contractor			Rig No	Well Type		Re-Entry	
PARAMOUNT RESOURCES LTD.		NABORS DRILLING			24	VERT		☐	
Operator's AFE		Contractor's Job No							
10N110008		C6776							
Signature of Operator Representative		Signature of Contractor's Rig Manager			Spud Date Time				
JOHN WILLIAMS		MICHAEL NUGENT			2011/03/23 02:30				
					Rig Release Date Time				



Pason

[illegible]

SPECIAL EVENTS				
Tour No.	Event No.	Description	Time	Depth
2	JSA REVIEW	A-27 TARPS & PRE-FABS RIG UP, D-09 RAISE DERRICK, J-04 NIPPLE UP BOP	19:00	

FRONT PAGE SUMMARY										Your Sheet Serial Number		Vendor Software Version		Year		Month		Day		DAILY CHECKS		OP RM			
License No 2074 Well Name PARA ET AL CAMERON E-52										06424_20110323_1A		Pason		2011		03		23		1) Daily Wellbore Inspection 2) Detailed Inspection - Weekly (Using Check List) 3) H2S Signs Posted If Required 4) Well Licence & Stock Diagram Posted 5) Flare Lines Checked 6) BOP Drills Performed 7) Visually Inspected BOPs - Rare Lines & Degasser Lines		JW MN JW MN JW MN JW MN JW MN JW MN JW MN			
Operator PARAMOUNT RESOURCES LTD. Operator's AFE 10N110008										Surface Location 80-01-26.00N117-25.53W		Prov NT		Loc Type LAT-LONG 300E526010117150		Rig No 24		Well Type VERT		Re-Entry		1) Rig Site Health & Safety Meeting (one/crow/month) 2) CAODC Rig Safety Inspection Checklist (one/1p/month) 3) Mast Inspection before Raising or Lowering 4) Crown Saver Checked 5) Motor Kils Checked		JW MN JW MN JW MN JW MN JW MN JW MN	
Signature of Operator Representative WILLIAMS										Contractor NABORS DRILLING Contractor's Job No C6776 Signature of Contractor's Rig Manager MICHAEL NUGENT		Spud Date Time 2011/03/23 02:30		Rig Release Date Time											

CODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	TOTAL
Hours																										
Tour 1	3.60																									12.00
Tour 2	0.75	1.00																								12.00
Tour 3																										2.00
Total	4.25	1.00																								24.00

Pason

FUEL @ 08:00 HOURS
 Fuel 121.00
 Time 9.00
 Current Location CLEAR
 Wind Direction 28.00
 Wind Strength 10.10
 Cloud Cover 2.00

TOUR 1 SIGNATURE OF DRILLER										TIM BRIDGE										START TIME		END TIME													
BITS Bit Number Size IADC 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 No Component OD ID Length Drill Pipe Stands Drill Pipe Singles Kelly Down Total Weight of DC Weight of String										MUD RECORD Mud Type Water Oil Other Time Density Funnel Viscosity Fluid Loss pH Location of Sample Depth PVT CIRCULATION Pump No. Type Liner Size SPM Pressure Hours Run										DEVIATION SURVEYS Time Depth Deviation Direction Type		TIME LOG From To Elapsed Code 00:00 01:30 1.50:04 01:30 02:30 1.00:40 02:30 06:15 3.75:55A 06:15 06:45 0.50:15A 06:45 07:00 0.25:21 07:00 08:30 1.50:04 08:30 12:00 3.50:00		Details of Operations in Sequence & Remarks CONT. TO NIPPLE UP BOP, PUT ON HCR AND KILL LINE VALVES CHANGE PIPE RAMS PRESSURE TEST MANIFOLD, HCR, UPPER AND LOWER KELLY COCK / FILL CASING AND BOP WITH WATER, TEST BLIND RAMS, KILL LINE VALVES, CHECK VALVE / MAKE UP PRESSURE CUP TO D.P. & TEST PIPE RAMS, ANNULAR, CASING, STABBING VALVE & INSIDE BOP FUNCTION ACCUMULATOR, PRECHARGE PRESSURE 7000KPA, SYSTEM PRESSURE 2200KPA AFTER 3 FUNCTIONS REMAINING PRESSURE IS 12000KPA, TIME TO PRESSURE BACK TO ORIGINAL 1min 18secs. FUNCTION MOTOR KILLS, ALL OK SAFETY MEETING W/ CM, RM & BOTH CREWS RIG UP FLARE AND DEGASSER LINES CONDUCT PRE DRILL OUT INSPECTION AND CORRECT DEFICIENCIES, CLEAN AND DEBURR RIG AND LEASE, STRAP BHA, RIG UP KELLY HOSE AND HYDRAULICS	
CUTTING STRUCTURE TI TO MDC LOC BRG Gage ODC Reason Pulled Total Run (m/hr)										HOLE CONDITION Hole Drag Up Down Torque at Bottom Fill on Bottom										REDUCED PUMP SPEED Pump No. Pressure Strokes/min Depth		SAFETY Safety Topic MEHL MACP PRESSURE TESTING													

TOUR 2 SIGNATURE OF DRILLER										WADE STEVENSON										START TIME		END TIME													
BITS Bit Number 2 Size 200 IADC Code Manufacturer REED Type DSR 513 Serial No 119825 Jets 12.0 12.0 12.0 12.0 Depth Out (m) Depth In (m) Total Drilled (m) Hrs Run Today Cumulative Hrs Run Entry Date 2011/03/23										DRILLING ASSEMBLY No Component OD ID Length BIT 200 0 0.26m BIT SUB 127 57 0.76m TELEDRIFT 128 55 2.62m SDC (5.00 IN) 127 58 75.79m SDC (5.00 IN) 127 58 76.77m 10-HWDP (4.0 IN) 102 65 93.43m C/O 158 1 0.61m										MUD RECORD Mud Type Water Oil Other Time 23:00 Density 1000 Funnel Viscosity 28s Fluid Loss pH Location of Sample Depth PVT CIRCULATION Pump No. Type Liner Size SPM Pressure Hours Run SINGLE 152 110 8100 1										DEVIATION SURVEYS Time Depth Deviation Direction Type		TIME LOG From To Elapsed Code 12:00 12:15 0.25:21 12:15 13:30 1.25:00 13:30 15:00 1.50:25 15:00 15:15 0.25:21 15:15 16:00 0.75:10 16:00 16:30 0.50:21 16:30 20:45 4.25:00 20:45 21:15 0.50:25 21:15 22:30 1.25:00 22:30 23:00 0.50:00 23:00 23:30 0.50:21 23:30 24:00 0.50:00		Details of Operations in Sequence & Remarks SAFETY MEETING WITH RIG CREW PRIOR TO SLIP AND CUT DRILL LINE DOUBLE SLIP AND CUT DRILL LINE AND ADD WRAP TO DEAD MAN CLEAN AND ORGANIZE RIG FLOOR AND LOCATION SAFETY MEETING WITH BOTH CREWS LEVEL RIG PRE JOB SAFETY MEETING WITH CREW AND ENGINEER PICK UP BHA, TAKE SAVER SUB OFF KELLY, AND PUT XO ON, STRAP PIPE X2S MAN DOWN DRILL WITH RIG CREW, RM, CM PICK UP DRILL PIPE WASH TO FLOAT DRILL CEMENT/DRILL OUT CEMENT/DRILL FLOAT&SHOE TAG CEMENT @ 351m SAFETY MEETING WITH BOTH CREWS, DISCUSSED CREW READINESS FOR H2S DRILL DRILL CEMENT/DRILL OUT CEMENT/DRILL FLOAT&SHOE FROM 351M TO 360M	
CUTTING STRUCTURE TI TO MDC LOC BRG Gage ODC Reason Pulled Total Run (m/hr)										HOLE CONDITION Hole Drag Up Down Torque at Bottom 1000.00Nm Fill on Bottom 0.00m										REDUCED PUMP SPEED Pump No. Pressure Strokes/min Depth		SAFETY Safety Topic MEHL MACP HOUSE KEEPING 30.00kPa 3034Pa													

TOUR 3 SIGNATURE OF DRILLER																				START TIME		END TIME											
BITS Bit Number Size IADC 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 No Component OD ID Length Drill Pipe Stands Drill Pipe Singles Kelly Down Total Weight of DC Weight of String										MUD RECORD Mud Type Water Oil Other Time Density Funnel Viscosity Fluid Loss pH Location of Sample Depth PVT CIRCULATION Pump No. Type Liner Size SPM Pressure Hours Run										DEVIATION SURVEYS Time Depth Deviation Direction Type		TIME LOG From To Elapsed Code Details of Operations in Sequence & Remarks	
CUTTING STRUCTURE TI TO MDC LOC BRG Gage ODC Reason Pulled Total Run (m/hr)										HOLE CONDITION Hole Drag Up Down Torque at Bottom Fill on Bottom										REDUCED PUMP SPEED Pump No. Pressure Strokes/min Depth		SAFETY Safety Topic MEHL MACP											

DRILL ASSEMBLY & SPECIAL EVENTS - ADDITIONAL DATA					Tour Sheet Serial No 0XB424 20110323 1A		Vendor Software Version Pason		Year 2011	Month 03	Day 23
License No 2074	Well Name PARA ET AL CAMERON E-52	Surface Location 60:01:26.00N/117:25:53.30W				Prov NT	Loc Type LAT-LONG	Unique Well Id 300E526010117150			
Operator PARAMOUNT RESOURCES LTD. Operator's AFE 10N110008 Signature of Operator Representative JOHN WILLIAMS		Contractor NABORS DRILLING Contractor's Job No C6776 Signature of Contractor's Rig Manager MICHAEL NUGENT				Rig No 24	Well Type VERT Spud Date Time 2011/03/23 02:30 Rig Release Date Time	Re-Entry ☐			



Pason

DRILLING ASSEMBLY					TOUR 2		DRILLING ASSEMBLY					TOUR		DRILLING ASSEMBLY					TOUR	
No	Component	OD	ID	Length	No	Component	OD	ID	Length	No	Component	OD	ID	Length	No	Component	OD	ID	Length	
1	BIT	200.00	0.00	0.26																
1	BIT SUB	127.00	57.00	0.76																
1	TELEDRIFT	126.00	55.00	2.62																
8	DC (5.00 IN)	127.00	58.00	76.79																
1	JARS-HYD/MECH	123.00	58.00	5.05																
8	DC (5.00 IN)	127.00	58.00	76.77																
10	HWD(4.0 IN)	102.00	65.00	93.43																
1	X/O	158.00	0.60	0.81																
5	Drill Pipe		Stands	96.88		Drill Pipe		Stands			Drill Pipe		Stands			Drill Pipe		Stands		
0	Drill Pipe		Singles	0.00		Drill Pipe		Singles			Drill Pipe		Singles			Drill Pipe		Singles		
Kelly Down		7.00			Kelly Down					Kelly Down										
Total		360.37			Total					Total										
Weight of DC		20.00			Weight of DC					Weight of DC										
Weight of String		28.00			Weight of String					Weight of String										

Tour No.	Event No.	Description	Time	Depth
1	DRILL RATHOLE	A-21 SERVICE EQUIPMENT B-30 RIG UP FLOOR	07:00	
2	JSA REVIEW	A-35 CHEKING FLUIDS B-21 OPERATING DRILL PANEL	23:00	

DRILL ASSEMBLY & SPECIAL EVENTS - ADDITIONAL DATA

Tour Sheet Serial No
0X8424 20110324 1C

Vendor Software Version
Pason

Year Month Day
2011 03 24

License No 2074
Well Name PARA ET AL CAMERON E-52

Surface Location
60:01:26.00N/117:25:53.30W

Prov NT
Loc Type LAT-LONG
Unique Well Id 300E526010117150

Operator
PARAMOUNT RESOURCES LTD.
Operator's AFE
10N110008
Signature of Operator Representative
JOHN WILLIAMS

Contractor
NABORS DRILLING
Contractor's Job No
C6776
Signature of Contractor's Rig Manager
MICHAEL NUGENT

Rig No 24
Well Type VERT
Spud Date Time
2011/03/23 02:30
Rig Release Date Time

Re-Entry
☐



Pason

DRILLING ASSEMBLY TOUR 1					DRILLING ASSEMBLY TOUR 2					DRILLING ASSEMBLY TOUR				
No	Component	OD	ID	Length	No	Component	OD	ID	Length	No	Component	OD	ID	Length
1	BIT	200.00	0.00	0.26	1	BIT	200.00	0.00	0.26					
1	BIT SUB	127.00	57.00	0.76	1	BIT SUB	127.00	57.00	0.76					
1	TELEDRIFT	126.00	55.00	2.62	1	TELEDRIFT	126.00	55.00	2.62					
8	DC (5.00 IN)	127.00	58.00	76.79	8	DC (5.00 IN)	127.00	58.00	76.79					
1	JARS-HYD/MECH	123.00	58.00	5.05	1	JARS-HYD/MECH	123.00	58.00	5.05					
8	DC (5.00 IN)	127.00	58.00	76.77	8	DC (5.00 IN)	127.00	58.00	76.77					
10	HWDP(4.0 IN)	102.00	65.00	93.43	10	HWDP(4.0 IN)	102.00	65.00	93.43					
1	X/O	158.00	0.60	0.81	1	X/O	158.00	0.60	0.81					
14	Drill Pipe	Stands		270.92	19	Drill Pipe	Stands		367.68		Drill Pipe	Stands		
0	Drill Pipe	Singles		0.00	0	Drill Pipe	Singles		0.00		Drill Pipe	Singles		
Kelly Down		12.03			Kelly Down		5.10			Kelly Down				
Total		539.44			Total		629.27			Total				
Weight of DC		20.00			Weight of DC		20.00			Weight of DC				
Weight of String		31.00			Weight of String		34.00			Weight of String				

SPECIAL EVENTS

Tour No.	Event No.	Description	Time	Depth
1	JSA REVIEW	C-15 LEVELING PIPE RACKS, N-19 ADDING METHONOL TO AIR.	00:00	
2	JSA REVIEW	B-83 GREASING WASH PIPE, B-49 TONG DIE CHANGE OUT.	12:00	

DRILL ASSEMBLY & SPECIAL EVENTS - ADDITIONAL DATA

Tour Sheet Serial No
0X8424 20110325 1B

Vendor Software Version
Pason

Year Month Day
2011 03 25

License No
2074

Well Name
PARA ET AL CAMERON E-52

Surface Location
60:01:26.00N/117:25:53.30W

Prov
NT

Loc Type
LAT-LONG

Unique Well Id
300ES26010117150

Operator
PARAMOUNT RESOURCES LTD.
Operator's AFE
10N110008
Signature of Operator Representative
JOHN WILLIAMS

Contractor
NABORS DRILLING
Contractor's Job No
C6776
Signature of Contractor's Rig Manager
MICHAEL NUGENT

Rig No
24

Well Type
VERT

Re-Entry
☐

Spud Date Time
2011/03/23 02:30

Rig Release Date Time



Pason

DRILLING ASSEMBLY TOUR 1					DRILLING ASSEMBLY TOUR 2					DRILLING ASSEMBLY TOUR 3				
No	Component	OD	ID	Length	No	Component	OD	ID	Length	No	Component	OD	ID	Length
1	BIT	200.00	0.00	0.26	1	BIT	200.00	0.00	0.26					
1	BIT SUB	127.00	57.00	0.76	1	BIT SUB	127.00	57.00	0.76					
1	TELEDRIFT	126.00	55.00	2.62	1	TELEDRIFT	126.00	55.00	2.62					
8	DC (5.00 IN)	127.00	58.00	76.79	8	DC (5.00 IN)	127.00	58.00	76.79					
1	JARS-HYD/MECH	123.00	58.00	5.05	1	JARS-HYD/MECH	123.00	58.00	5.05					
8	DC (5.00 IN)	127.00	58.00	76.77	8	DC (5.00 IN)	127.00	58.00	76.77					
10	HWDP(4.0 IN)	102.00	65.00	93.43	10	HWDP(4.0 IN)	102.00	65.00	93.43					
1	X/O	158.00	0.60	0.81	1	X/O	158.00	0.60	0.81					
23	Drill Pipe		Stands	445.13	19	Drill Pipe		Stands	367.68		Drill Pipe		Stands	
1	Drill Pipe		Singles	9.67	0	Drill Pipe		Singles	0.00		Drill Pipe		Singles	
	Kelly Down			10.35		Kelly Down			5.10		Kelly Down			
	Total			721.64		Total			629.27		Total			
	Weight of DC			20.00		Weight of DC			20.00		Weight of DC			
	Weight of String			34.00		Weight of String			34.00		Weight of String			

SPECIAL EVENTS				
Tour No.	Event No.	Description	Time	Depth
2	JSA REVIEW	B-03 CLEAN, PREPARE, AND DRIFT CASING. C-18 DRIFTING CASING. E-02 DRIVE LINE CHECK AND SERVICE.	12:00	

MUD SAMPLE - ADDITIONAL DATA

Tour Sheet Serial No 0X8424_20110325_1B Vendor Software Version Pason Year 2011 Month 03 Day 25



License No 2074	Well Name PARA ET AL CAMERON E-52	Surface Location 60:01:26.00N/117:25:53.30W	Prov NT	Loc Type LAT-LONG	Unique Well Id 300E526010117150
Operator PARAMOUNT RESOURCES LTD. Operator's AFE 10N110008 Signature of Operator Representative JOHN WILLIAMS		Contractor NABORS DRILLING Contractor's Job No C6776 Signature of Contractor's Rig Manager MICHAEL NUGENT		Rig No 24	Well Type VERT Spud Date Time 2011/03/23 02:30 Rig Release Date Time
				Re-Entry ☐	



Pason

TOUR 1		MUD TYPE FLOC			WATER x		OIL		OTHER							
	Time	02:00	06:00	10:00												
	Density	1000kg/m3	1000kg/m3	1000kg/m3												
	Funnel Viscosity	28s/l	28s/l	28s/l												
	Fluid Loss															
	Fluid pH	9.5	9.0	8.5												
	Location of Sample	SHAKER	SHAKER	SHAKER												
	Depth	630m	666.53m	698m												
	PVT	9.26m3	9.80m3													
Test 1	Type (Ex: Chlorides)															
	Value															
Test 2	Type (ex: Sand%)															
	Value															
Test 3	Type (ex: Hard Ca)															
	Value															
Test 4	Type (ex: Sulfides)															
	Value															

MUD SAMPLE REMARKS

MUD SAMPLE - ADDITIONAL DATA

Tour Sheet Serial No 0X8424_20110325_1B Vendor Software Version Pason Year 2011 Month 03 Day 25



License No 2074	Well Name PARA ET AL CAMERON E-52	Surface Location 60:01:26.00N/117:25:53.30W	Prov NT	Loc Type LAT-LONG	Unique Well Id 300E526010117150
Operator PARAMOUNT RESOURCES LTD. Operator's AFE 10N110008 Signature of Operator Representative JOHN WILLIAMS	Contractor NABORS DRILLING Contractor's Job No C6776 Signature of Contractor's Rig Manager MICHAEL NUGENT	Rig No 24	Well Type VERT	Spud Date Time 2011/03/23 02:30	Re-Entry ☐
			Rig Release Date Time		



Pason

TOUR 2		MUD TYPE POLYMER			WATER x		OIL		OTHER						
	Time	14:00	18:00	22:00											
	Density	1000kg/m3	1000kg/m3	1000kg/m3											
	Funnel Viscosity	28s/l	28s/l	28s/l											
	Fluid Loss														
	Fluid pH	8.0	8.5	8.5											
	Location of Sample	SHAKER	SHAKER	SHAKER											
	Depth	758m	788m	836m											
	PVT			13.63m3											
Test 1	Type (Ex: Chlorides)														
	Value														
Test 2	Type (ex: Sand%)														
	Value														
Test 3	Type (ex: Hard Ca)														
	Value														
Test 4	Type (ex: Sulfides)														
	Value														

MUD SAMPLE REMARKS

DRILL ASSEMBLY & SPECIAL EVENTS - ADDITIONAL DATA				Tour Sheet Serial No 0X8424 20110326 1B	Vendor Software Version Pason	Year 2011	Month 03	Day 26
License No 2074	Well Name PARA ET AL CAMERON E-52	Surface Location 60:01:26.00N/117:25:53.30W			Prov NT	Loc Type LAT-LONG	Unique Well Id 300E526010117150	
Operator PARAMOUNT RESOURCES LTD.		Contractor NABORS DRILLING			Rig No 24	Well Type VERT	Re-Entry ☐	
Operator's AFE 10N110008		Contractor's Job No C6776			Spud Date Time 2011/03/23 02:30			
Signature of Operator Representative JOHN WILLIAMS		Signature of Contractor's Rig Manager MICHAEL NUGENT			Rig Release Date Time			



Pason

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Tour No.	Event No.	Description	Time	Depth
1	JSA REVIEW	A-50 LOAD GREASE GUN E-02 DRIVE LINE CHECK AND SERVICE	00:00	
2	JSA REVIEW	E-06 CHECKINFG CROWN SAVER, L-03 DRIFTING CASING, A-25 STEAM USE, A-35 CHECKING FLUIDS	12:00	

MUD SAMPLE - ADDITIONAL DATA

Tour Sheet Serial No 0X8424_20110326_1B Vendor Software Version Pason Year 2011 Month 03 Day 26

License No 2074	Well Name PARA ET AL CAMERON E-52	Surface Location 60:01:26.00N/117:25:53.30W	Prov NT	Loc Type LAT-LONG	Unique Well Id 300E526010117150
Operator PARAMOUNT RESOURCES LTD. Operator's AFE 10N110008 Signature of Operator Representative JOHN WILLIAMS		Contractor NABORS DRILLING Contractor's Job No C6776 Signature of Contractor's Rig Manager MICHAEL NUGENT		Rig No 24	Well Type VERT Spud Date Time 2011/03/23 02:30 Rig Release Date Time



Pason

TOUR 1		MUD TYPE FLOC			WATER x		OIL		OTHER							
	Time	02:00	06:00	10:00												
	Density	1000kg/m3	1000kg/m3	1000kg/m3												
	Funnel Viscosity	28s/l	28s/l	28s/l												
	Fluid Loss															
	Fluid pH	8.5	8.5	8.5												
	Location of Sample	SHAKER	SHAKER	SHAKER												
	Depth	885m	923m	968m												
	PVT	12.79m3	12.00m3													
Test 1	Type (Ex: Chlorides)															
	Value															
Test 2	Type (ex: Sand%)															
	Value															
Test 3	Type (ex: Hard Ca)															
	Value															
Test 4	Type (ex: Sulfides)															
	Value															

MUD SAMPLE REMARKS

MUD SAMPLE - ADDITIONAL DATA

Tour Sheet Serial No 0X8424_20110326_1B Vendor Software Version Pason Year 2011 Month 03 Day 26



License No 2074	Well Name PARA ET AL CAMERON E-52	Surface Location 60:01:26.00N/117:25:53.30W	Prov NT	Loc Type LAT-LONG	Unique Well Id 300E526010117150
Operator PARAMOUNT RESOURCES LTD. Operator's AFE 10N110008 Signature of Operator Representative JOHN WILLIAMS		Contractor NABORS DRILLING Contractor's Job No C6776 Signature of Contractor's Rig Manager MICHAEL NUGENT		Rig No 24	Well Type VERT Spud Date Time 2011/03/23 02:30 Rig Release Date Time

Re-Entry

☐


Pason

TOUR 2		MUD TYPE POLYMER			WATER x		OIL		OTHER							
	Time	14:00	18:00	22:00												
	Density	1000kg/m3	1000kg/m3	1000kg/m3												
	Funnel Viscosity	28s/l	28s/l	28s/l												
	Fluid Loss															
	Fluid pH	8.5	8.5	8.5												
	Location of Sample	SHAKER	SHAKER	SHAKER												
	Depth	1022m	1061m	1114m												
	PVT			6.3m3												
Test 1	Type (Ex: Chlorides)															
	Value															
Test 2	Type (ex: Sand%)															
	Value															
Test 3	Type (ex: Hard Ca)															
	Value															
Test 4	Type (ex: Sulfides)															
	Value															

MUD SAMPLE REMARKS

FRONT PAGE SUMMARY										DAILY CHECKS										OP RM																																																																																																																																																																																		
License No: 2074 Well Name: PARA ET AL CAMERON E-52 Operator: PARAMOUNT RESOURCES LTD. Operator's AFE: 10N110008 Signature of Operator Representative: WILLIAMS										Tour Sheet Serial Number: 008424_20110327_1B Surface Location: 00-01:26.00N/117:25:53.30W Contractor: NABORS DRILLING Contractor's Job No: C8776 Signature of Contractor's Rig Manager: MICHAEL NUGENT										Vendor Software Version: Pason Year: 2011 Month: 03 Day: 27 Prov: NT Loc Type: LAT-LONG Unique Well Id: 300E526010117160 Rig No: 24 Well Type: VERT Spud Date Time: 2011/03/23 02:30 Rig Release Date Time:										1) Daily Walk Around Inspection 2) Detailed Inspection - Weekly (Using Check List) 3) H2S Signs Posted if Required 4) Well License & Stick Diagram Posted 5) Flare Lines Staked 6) BOP Drills Performed 7) Visually Inspected BOPs - Flare Lines & Degasser Lines 8) Rig Site Health & Safety Meeting (one/crow/month) 9) CAODC Rig Safety Inspection Checklist (one/mo/month) 10) Meest Inspection before Raising or Lowering 11) Crown Saver Checked 12) Motor Oil Checked		OP: ☐ RM: ☐																																																																																																																																																																						
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1	1830	55	1245																																																																																																																																								
METRES DRILLED From: 1255m To: 1314m D-R-C: DRILL RPM: 120 WOB: 5kdaN										Boiler Boiler # Hours Run pH Stack Temp										SAFETY Safety Topic MEHL MACP																																																																																																																							

TOUR 3 SIGNATURE OF DRILLER										START TIME										END TIME																																																											
Signature:																																																																															
BITS Bit Number: Size: IADC 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;"> <thead> <tr> <th>No</th> <th>Component</th> <th>OD</th> <th>ID</th> <th>Length</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										No	Component	OD	ID	Length						MUD RECORD Mud Type: Water Time: Density: Funnel Viscosity: Fluid Loss: pH: Location of Sample: Depth: PVT: CIRCULATION Pump No: Type: Liner Size: SPM: Pressure:										DEVIATION SURVEYS <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Time</th> <th>Depth</th> <th>Deviation</th> <th>Direction</th> <th>Type</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										Time	Depth	Deviation	Direction	Type						TIME LOG <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>From</th> <th>To</th> <th>Elapsed</th> <th>Code</th> <th>Details of Operations in Sequence & Remarks</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										From	To	Elapsed	Code	Details of Operations in Sequence & Remarks					
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Pump No.	Pressure	Strokes/min	Depth																																																																												
METRES DRILLED From: To: D-R-C: RPM: WOB:										Boiler Boiler # Hours Run pH Stack Temp										SAFETY Safety Topic MEHL MACP																																																											

DRILL ASSEMBLY & SPECIAL EVENTS - ADDITIONAL DATA				Tour Sheet Serial No 0X8424 20110327 1B	Vendor Software Version Pason	Year 2011	Month 03	Day 27
License No 2074	Well Name PARA ET AL CAMERON E-52	Surface Location 60:01:26.00N/117:25:53.30W	Prov NT	Loc Type LAT-LONG	Unique Well Id 300E526010117150			
Operator PARAMOUNT RESOURCES LTD.	Contractor NABORS DRILLING	Rig No 24	Well Type VERT			Re-Entry ☐		
Operator's AFE 10N110008	Contractor's Job No C6776	Spud Date Time 2011/03/23 02:30						
Signature of Operator Representative JOHN WILLIAMS	Signature of Contractor's Rig Manager MICHAEL NUGENT	Rig Release Date Time						



Pason

[illegible]

Tour No.	Event No.	Description	Time	Depth
1	JSA REVIEW	A-30 WASHING RIG	00:00	
2	JSA REVIEW	G-12 TAKING SAMPLES, N-09 MIXING MUD AND CHEMICALS, A-20 RIG SERVICE,	12:00	

MUD SAMPLE - ADDITIONAL DATA

Tour Sheet Serial No

0X8424_20110327_1B

Vendor Software Version

Pason

Year

2011

Month

03

Day

27



License No 2074	Well Name PARA ET AL CAMERON E-52	Surface Location 60:01:26.00N/117:25:53.30W	Prov NT	Loc Type LAT-LONG	Unique Well Id 300E526010117150
Operator PARAMOUNT RESOURCES LTD. Operator's AFE 10N110008 Signature of Operator Representative JOHN WILLIAMS		Contractor NABORS DRILLING Contractor's Job No C6776 Signature of Contractor's Rig Manager MICHAEL NUGENT		Rig No 24	Well Type VERT Spud Date Time 2011/03/23 02:30 Rig Release Date Time
				Re-Entry ☐	



Pason

TOUR		MUD TYPE			WATER		OIL		OTHER							
1		FLOC			x											
	Time	02:00	06:00	10:00												
	Density	1000kg/m3	1000kg/m3	1000kg/m3												
	Funnel Viscosity	28s/l	28s/l	28s/l												
	Fluid Loss															
	Fluid pH	8.5	8.5	8.5												
	Location of Sample	SHAKER	shaker	SHAKER												
	Depth	1155m	1205m	1238m												
	PVT	4.77m3	8.37m3													
Test 1	Type (Ex: Chlorides)															
	Value															
Test 2	Type (ex: Sand%)															
	Value															
Test 3	Type (ex: Hard Ca)															
	Value															
Test 4	Type (ex: Sulfides)															
	Value															

MUD SAMPLE REMARKS

MUD SAMPLE - ADDITIONAL DATA

Tour Sheet Serial No

0X8424_20110327_1B

Vendor Software Version

Pason

Year

2011

Month

03

Day

27



License No 2074	Well Name PARA ET AL CAMERON E-52	Surface Location 60:01:26.00N/117:25:53.30W	Prov NT	Loc Type LAT-LONG	Unique Well Id 300E526010117150
Operator PARAMOUNT RESOURCES LTD. Operator's AFE 10N110008 Signature of Operator Representative JOHN WILLIAMS		Contractor NABORS DRILLING Contractor's Job No C6776 Signature of Contractor's Rig Manager MICHAEL NUGENT		Rig No 24	Well Type VERT Spud Date Time 2011/03/23 02:30 Rig Release Date Time
				Re-Entry ☐	



Pason

TOUR		MUD TYPE		WATER		OIL		OTHER									
2		POLYMER		x													
	Time	14:00	18:00														
	Density	1020kg/m3	1050kg/m3														
	Funnel Viscosity	34s/l	37s/l														
	Fluid Loss	9.0cm3	8.5cm3														
	Fluid pH	8.0	8.5														
	Location of Sample	SHAKER	SHAKER														
	Depth	1280m	1310m														
	PVT	41.3m3	40.1m3														
Test 1	Type (Ex: Chlorides)																
	Value																
Test 2	Type (ex: Sand%)																
	Value																
Test 3	Type (ex: Hard Ca)																
	Value																
Test 4	Type (ex: Sulfides)																
	Value																

MUD SAMPLE REMARKS

FRONT PAGE SUMMARY										TOUR SHEET SERIAL NUMBER										VENDOR SOFTWARE VERSION										YEAR MONTH DAY										DAILY CHECKS										OP RM									
License No 2074 Well Name PARA ET AL CAMERON E-52										Surface Location 80.01:28.00N/117.25:53.30W										Prov NT Loc Type LAT-LONG 300E626010117150										Rig No 24 VERT Spud Date Time 2011/03/23 02:30 Rig Release Date Time										1) Daily Walk Around Inspection 2) Detailed Inspection - Weekly (Using Check List) 3) HSE Signs Posted If Required 4) Well Licence & Stick Diagram Posted 5) Flare Lines Staked 6) BOP Drills Performed 7) Visually Inspected BOPs - Flare Lines & Degasser Lines 8) Rig Site Health & Safety Meeting (once/week/month) 9) CAODC Rig Safety Inspection Checklist (once/week/month) 10) Mast Inspection before Raising or Lowering 11) Crown Saver Checked 12) Motor Kits Checked										1) Daily Walk Around Inspection 2) Detailed Inspection - Weekly (Using Check List) 3) HSE Signs Posted If Required 4) Well Licence & Stick Diagram Posted 5) Flare Lines Staked 6) BOP Drills Performed 7) Visually Inspected BOPs - Flare Lines & Degasser Lines 8) Rig Site Health & Safety Meeting (once/week/month) 9) CAODC Rig Safety Inspection Checklist (once/week/month) 10) Mast Inspection before Raising or Lowering 11) Crown Saver Checked 12) Motor Kits Checked									
Operator PARAMOUNT RESOURCES LTD. Operator's AFE 10N110008 Signature of Operator Representative WILLIAMS										Contractor NABORS DRILLING Contractor's Job No C8776 Signature of Contractor's Rig Manager MICHAEL NUGENT										Re-Entry ☐																																							

CODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	TOTAL
Hours																										
1	4.75	1.00																								
2	11.75																									
3																										
Total	16.50	1.00																								24.00

FUEL @ 08:00 HOURS	
114.00	0.00
WEATHER	
Wind Direction	Wind Speed
Wind Condition	Cloud Cover

TOUR 1 SIGNATURE OF DRILLER										START TIME										END TIME									
TIM BRIDGE										00:00										12:00									

BITS										DRILLING ASSEMBLY										MUD RECORD										DEVIATION SURVEYS										TIME LOG									
Bit Number 3 Size 200 IADC Code 4 3 7 Manufacturer REED Type RO9AM Serial No DN2419 Jets 16.0 16.0 16.0 Depth Out (m) 1314 Depth In (m) 21 Total Drilled (m) 1335 Hrs Run Today 4.00 Cumulative Hrs Run 4.00 Entry Date 2011/03/28										No. Component OD ID Length 1 BIT 200 0 0.26m 1 BIT SUB 127 57 0.76m 1 TELEDRIFT 126 55 2.62m 8DC (5.00 IN) 127 58 76.79m 1 JARS-HYDMECH 123 58 5.05m 8DC (5.00 IN) 127 58 76.77m 10 HWDP (4.0 IN) 102 66 93.43m 1 X/O 158 1 0.81m										Mud Type Water Lx Oil Time 10:00 Density 1060 Funnel Viscosity 37s/c Fluid Loss 9.0cm/3 pH 8.0 Location of Sample SHAKEUR Depth 1324m PVT										Time Depth Deviation Direction Type 00:00 00:45 0.75SB TRIP OUT OF HOLE FROM 85M TO SURFACE FLOW CHECK OUT OF HOLE, F.T. BLIND 00:45 01:00 0.257A RAMS 3 SECS TO CLOSE 01:00 02:45 1.75SA MAKE UP BIT # 3 AND RUN IN HOLE FROM SURFACE TO 333M 02:45 03:00 0.2521 SAFETY MEETING PRIOR TO SLIP AND CUT 03:00 04:00 1.009A SLIP/CUT DRILLING LINE 04:00 06:00 2.009A TRIP IN HOLE FROM 333M TO 1302M FLOW CHECK AND FILL PIPE @ 823M, 1302M 06:00 07:00 1.009A REAM AND WASH TO BOTTOM FROM 1302M TO 1314 07:00 07:15 0.2521 SAFETY MEETING WITH BOTH CREWS 07:15 12:00 4.752 DRILL 200 MM HOLE FROM 1314M-1334M										From To Elapsed Code Details of Operations in Sequence & Remarks 00:00 00:45 0.75SB TRIP OUT OF HOLE FROM 85M TO SURFACE FLOW CHECK OUT OF HOLE, F.T. BLIND 00:45 01:00 0.257A RAMS 3 SECS TO CLOSE 01:00 02:45 1.75SA MAKE UP BIT # 3 AND RUN IN HOLE FROM SURFACE TO 333M 02:45 03:00 0.2521 SAFETY MEETING PRIOR TO SLIP AND CUT 03:00 04:00 1.009A SLIP/CUT DRILLING LINE 04:00 06:00 2.009A TRIP IN HOLE FROM 333M TO 1302M FLOW CHECK AND FILL PIPE @ 823M, 1302M 06:00 07:00 1.009A REAM AND WASH TO BOTTOM FROM 1302M TO 1314 07:00 07:15 0.2521 SAFETY MEETING WITH BOTH CREWS 07:15 12:00 4.752 DRILL 200 MM HOLE FROM 1314M-1334M									
CUTTING STRUCTURE TI Drill Pipe Stands 1064.56m TO Drill Pipe Singles 0.69m MDC Kelly Down 3.84m Reason Pulled Total 1334.58m LOC Total Run (m/hr) 20kdaN BRG Weight of String 48kdaN										HOLE CONDITION Hole Drag Up 1 Down 1 Torque at Bottom 2750.00Nm Fill on Bottom										REDUCED PUMP SPEED Pump No. Pressure Strokes/min Depth 1 1830 45 55 1245										SOLIDS CONTROL Equipment Name Hours Run Intake Density Over Flow Density Under Flow Density CENTRIFUGE 6 1090 1070 1780										MUD MATERIALS ADDED Product Amount Type KELZAN 2 SACK DRISPAK 2 SACK LIGNITE 4 SACK CAUSTIC 3 SACK GEL 10 SACK BARITE 23 SACK									
METRES DRILLED From To D-R-C RPM WOB 1314m 1334.58m DRILL 70 13kdaN										METRES DRILLED From To D-R-C RPM WOB 1314m 1334.58m DRILL 70 13kdaN										METRES DRILLED From To D-R-C RPM WOB 1314m 1334.58m DRILL 70 13kdaN										METRES DRILLED From To D-R-C RPM WOB 1314m 1334.58m DRILL 70 13kdaN																			

TOUR 2 SIGNATURE OF DRILLER										START TIME										END TIME									
TIM BRIDGE										12:00										24:00									

BITS										DRILLING ASSEMBLY										MUD RECORD										DEVIATION SURVEYS										TIME LOG									
Bit Number 3 Size 200 IADC Code 4 3 7 Manufacturer REED Type RO9AM Serial No DN2419 Jets 16.0 16.0 16.0 Depth Out (m) 1314 Depth In (m) 77 Total Drilled (m) 1391 Hrs Run Today 11.75 Cumulative Hrs Run 15.75 Entry Date 2011/03/28										No. Component OD ID Length 1 BIT 200 0 0.26m 1 BIT SUB 127 57 0.76m 1 TELEDRIFT 126 55 2.62m 8DC (5.00 IN) 127 58 76.79m 1 JARS-HYDMECH 123 58 5.05m 8DC (5.00 IN) 127 58 76.77m 10 HWDP (4.0 IN) 102 66 93.43m 1 X/O 158 1 0.81m										Mud Type Water Lx Oil Time 14:00 18:00 Density 1060 1090 Funnel Viscosity 38s/c 43s/c Fluid Loss 8.0cm/3 6.5cm/3 pH 8.5 9.0 Location of Sample SHAKEUR SHAKEUR Depth 1345m 1360m PVT 41.4m/3 43.3m/3										Time Depth Deviation Direction Type 12:00 19:00 7.002 DRILL 200MM HOLE FROM 1334M-1363M 19:00 19:15 0.2521 SAFETY MEETING WITH BOTH CREWS 19:15 24:00 4.752 DRILL 200MM HOLE FROM 1363M TO 1391M										From To Elapsed Code Details of Operations in Sequence & Remarks 12:00 19:00 7.002 DRILL 200MM HOLE FROM 1334M-1363M 19:00 19:15 0.2521 SAFETY MEETING WITH BOTH CREWS 19:15 24:00 4.752 DRILL 200MM HOLE FROM 1363M TO 1391M									
CUTTING STRUCTURE TI Drill Pipe Stands 1122.64m TO Drill Pipe Singles 0.00m MDC Kelly Down 12.03m Reason Pulled Total 1391.16m LOC Total Run (m/hr) 20kdaN BRG Weight of String 51kdaN										HOLE CONDITION Hole Drag Up 1 Down 1 Torque at Bottom 3000.00Nm Fill on Bottom										REDUCED PUMP SPEED Pump No. Pressure Strokes/min Depth 1 1830 46 48 1245										SOLIDS CONTROL Equipment Name Hours Run Intake Density Over Flow Density Under Flow Density CENTRIFUGE 6 1090 1070 1780										MUD MATERIALS ADDED Product Amount Type KELZAN 2 SACK DRISPAK 2 SACK LIGNITE 4 SACK CAUSTIC 3 SACK GEL 10 SACK BARITE 23 SACK									
METRES DRILLED From To D-R-C RPM WOB 1334.58m 1391m DRILL 70 14kdaN										METRES DRILLED From To D-R-C RPM WOB 1334.58m 1391m DRILL 70 14kdaN										METRES DRILLED From To D-R-C RPM WOB 1334.58m 1391m DRILL 70 14kdaN										METRES DRILLED From To D-R-C RPM WOB 1334.58m 1391m DRILL 70 14kdaN																			

TOUR 3 SIGNATURE OF DRILLER										START TIME										END TIME									

BITS										DRILLING ASSEMBLY										MUD RECORD										DEVIATION SURVEYS										TIME LOG									
Bit Number Size IADC Code Manufacturer Type Serial No Jets Depth Out (m) Depth In (m) Total Drilled (m) Hrs Run Today Cumulative Hrs Run Entry Date										No. Component OD ID Length Drill Pipe Stands Kelly Down Reason Pulled Total Weight of DC Weight of String										Mud Type Water Lx Oil Time Density Funnel Viscosity Fluid Loss pH Location of Sample Depth PVT										Time Depth Deviation Direction Type SOLIDS CONTROL Equipment Name Hours Run Intake Density Over Flow Density Under Flow Density MUD MATERIALS ADDED Product Amount Type										From To Elapsed Code Details of Operations in Sequence & Remarks HOLE CONDITION Hole Drag Up Down Torque at Bottom Fill on Bottom REDUCED PUMP SPEED Pump No. Pressure Strokes/min Depth SOLIDS CONTROL Equipment Name Hours Run Intake Density Over Flow Density Under Flow Density MUD MATERIALS ADDED Product Amount Type SAFETY Safety Topic MEHL MACP									

DRILL ASSEMBLY & SPECIAL EVENTS - ADDITIONAL DATA				Tour Sheet Serial No	Vendor Software Version	Year	Month	Day
				0X8424 20110328 1B	Pason	2011	03	28
License No	Well Name	Surface Location	Prov	Loc Type	Unique Well Id			
2074	PARA ET AL CAMERON E-52	60:01:26.00N/117:25:53.30W	NT	LAT-LONG	300E526010117150			
Operator	Contractor	Rig No	Well Type	Re-Entry				
PARAMOUNT RESOURCES LTD.	NABORS DRILLING	24	VERT	☐				
Operator's AFE	Contractor's Job No							
10N110008	C6776							
Signature of Operator Representative	Signature of Contractor's Rig Manager							
JOHN WILLIAMS	MICHAEL NUGENT							
		Spud Date Time						
		2011/03/23 02:30						
		Rig Release Date Time						



Pason

[illegible]

SPECIAL EVENTS				
Tour No.	Event No.	Description	Time	Depth
1	JSA REVIEW	B-72 PIPE SPINNER USE, A-41 PUT ON SCBA	00:00	
2	JSA REVIEW	A-43 TAKING SAMPLES, N-19 ADDING METHONAL.	12:00	

MUD SAMPLE - ADDITIONAL DATA

Tour Sheet Serial No 0X8424_20110328_1B Vendor Software Version Pason Year 2011 Month 03 Day 28



License No 2074	Well Name PARA ET AL CAMERON E-52	Surface Location 60:01:26.00N/117:25:53.30W	Prov NT	Loc Type LAT-LONG	Unique Well Id 300E526010117150
Operator PARAMOUNT RESOURCES LTD. Operator's AFE 10N110008 Signature of Operator Representative JOHN WILLIAMS	Contractor NABORS DRILLING Contractor's Job No C6776 Signature of Contractor's Rig Manager MICHAEL NUGENT	Rig No 24	Well Type VERT	Spud Date Time 2011/03/23 02:30	Re-Entry ☐ Rig Release Date Time



Pason

TOUR 1		MUD TYPE POLYMER				WATER x		OIL		OTHER					
Time	10:00														
	Density	1060kg/m3													
	Funnel Viscosity	37s/l													
	Fluid Loss	9.0cm3													
	Fluid pH	8.0													
	Location of Sample	SHAKER													
	Depth	1324m													
	PVT														
Test 1	Type (Ex: Chlorides)														
	Value														
Test 2	Type (ex: Sand%)														
	Value														
Test 3	Type (ex: Hard Ca)														
	Value														
Test 4	Type (ex: Sulfides)														
	Value														

MUD SAMPLE REMARKS

MUD SAMPLE - ADDITIONAL DATA

Tour Sheet Serial No 0X8424_20110328_1B Vendor Software Version Pason Year 2011 Month 03 Day 28



License No 2074	Well Name PARA ET AL CAMERON E-52	Surface Location 60:01:26.00N/117:25:53.30W	Prov NT	Loc Type LAT-LONG	Unique Well Id 300E526010117150
Operator PARAMOUNT RESOURCES LTD. Operator's AFE 10N110008 Signature of Operator Representative JOHN WILLIAMS		Contractor NABORS DRILLING Contractor's Job No C6776 Signature of Contractor's Rig Manager MICHAEL NUGENT		Rig No 24	Well Type VERT Spud Date Time 2011/03/23 02:30 Rig Release Date Time



Pason

TOUR 2		MUD TYPE POLYMER			WATER x		OIL		OTHER							
	Time	14:00	18:00	22:00												
	Density	1060kg/m3	1090kg/m3	1095kg/m3												
	Funnel Viscosity	38s/l	43s/l	44s/l												
	Fluid Loss	8.0cm3	6.5cm3	8cm3												
	Fluid pH	8.5	9.0	9												
	Location of Sample	SHAKER	SHAKER	SHAKER												
	Depth	1345m	1360m	1391m												
	PVT	41.4m3	43.3m3	44.8m3												
Test 1	Type (Ex: Chlorides)															
	Value															
Test 2	Type (ex: Sand%)															
	Value															
Test 3	Type (ex: Hard Ca)															
	Value															
Test 4	Type (ex: Sulfides)															
	Value															

MUD SAMPLE REMARKS

EQUIPMENT & SERVICES				Tour Sheet Serial No 0X8424_20110328_1B		Vendor Software Version Pason		Year	Month	Day	
License No		Well Name		Surface Location		Prov		Loc Type		Unique Well Id	
2074 PARA ET AL CAMERON E-52				60:01:26.00N/117:25:53.30W		NT		LAT-LONG		300E526010117150	
Operator PARAMOUNT RESOURCES LTD.				Contractor NABORS DRILLING				Rig No 24		Well Type VERT	
Operator's AFE				Contractor's Job No				C6776		Spud Date Time 2011/03/23 02:30	
Signature of Operator Representative JOHN WILLIAMS				Signature of Contractor's Rig Manager MICHAEL NUGENT						Re-Entry ☐	



Pason

GENERAL EQUIPMENT & SERVICE									
Description	Make	Model	Provided by	Expense of	Rental Company	Serial No	Usage	Quantity	Quantity Used
NDL LOADER UNIT # 214	JOHN DEERE	TC54H	CONTRACTOR	OPERATOR	NDL	UNIT # 214	24	1	1
Remarks:									
NDL CREW TRUCK UNIT # 122	FORD	F-250	CONTRACTOR	OPERATOR	NDL	UNIT # 122	24	1	1
Remarks:									
NDL HWDP			CONTRACTOR	OPERATOR			24	16	10
Remarks:									

BOILERS							
Boiler No	Make	Model	Provided by	Expense of	Rental Company	Serial No	Hours Today
1	SASKATOON		CONTRACTOR	OPERATOR	NDL		24
Remarks:							
Remarks:							
Remarks:							

SHALE SHAKERS																		
Shaker No	Make	Model	Screen 1				Screen 2				Screen 3				Screen 4			
			Position	Size	Screen Changed?	New?	Position	Size	Screen Changed?	New?	Position	Size	Screen Changed?	New?	Position	Size	Screen Changed?	New?
1	SWACO	ALS II	1	210	☐	☒	2	210	☐	☒			☐	☐			☐	☐
Remarks:																		
					☐	☐			☐	☐			☐	☐			☐	☐
Remarks:																		
					☐	☐			☐	☐			☐	☐			☐	☐
Remarks:																		

MUD PUMPS										
Pump No	Make	Model	Provided by	Expense of	Rental Company	Serial No	Hours Today	Stroke Length	Rod Size	Pump Style
1	CPMP	NB-800	CONTRACTOR	CONTRACTOR	NDL		21.75	204mm		TRIPLEX
Remarks:										
Remarks:										
Remarks:										

BITS																																
Bit No	Size	IADC Code				Manufacturer	Type	Serial No	Jets								Depth In	Depth Out	Total Drilled	Total Hours Run Today	Cumulative Hours Run	Entry Date	Cutting Structure								Total Run m/hr	
		1	2	3	4				1	2	3	4	5	6	7	8							TI	TO	MDC	LOC	BRG	Gage	ODC	Reason Pulled		
2	200.00-mm					REED	DSR 513	119825	12.00-mm	12.00-mm	12.00-mm	12.00-mm	12.00-mm					351.00m	1314.00m	963.00m	0.00	64.75	11/03/23	1	1	BT	M	X	1.00mm	NO	PR	14.87m/hr
3	200.00-mm	4	3	7		REED	RO9AM	DN2419	16.00-mm	16.00-mm	16.00-mm							1314.00m		20.56m	4.00	4.00	11/03/28									
3	200.00-mm	4	3	7		REED	RO9AM	DN2419	16.00-mm	16.00-mm	16.00-mm							1314.00m		77.00m	11.75	15.75	11/03/28									



Kelly Sailing	6.18	Top Fuel	28.00
FUEL @ 08:00 HOU			
Plg	114.00	Stoker	0
Time	05:00	Thump	-
Current Conditions			
CLEAR			
Wind Direction		Wind Strength	
NNW		UP TO 19	
Boat Condition			

TIME 12:00

Sequence & Remarks

M

ONDS TO CLOSE

WIPER TRIP. PREPARE RIG AND PULP
ES OUT FROM 1418M-1310M
CHECK @ 1310M. 652M, 265M CALCULA

DRILL ASSEMBLY & SPECIAL EVENTS - ADDITIONAL DATA

Tour Sheet Serial No
0X8424 20110329 1A

Vendor Software Version
Pason

Year Month Day
2011 03 29

License No Well Name
2074 PARA ET AL CAMERON E-52

Surface Location
60:01:26.00N/117:25:53.30W

Prov Loc Type Unique Well Id
NT LAT-LONG 300E526010117150

Operator
PARAMOUNT RESOURCES LTD.
Operator's AFE
10N110008
Signature of Operator Representative
JOHN WILLIAMS

Contractor
NABORS DRILLING
Contractor's Job No
C6776
Signature of Contractor's Rig Manager
MICHAEL NUGENT

Rig No Well Type Re-Entry
24 VERT ☐
Spud Date Time
2011/03/23 02:30
Rig Release Date Time



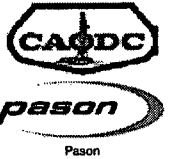
Pason

DRILLING ASSEMBLY TOUR 1					DRILLING ASSEMBLY TOUR 2					DRILLING ASSEMBLY TOUR				
No	Component	OD	ID	Length	No	Component	OD	ID	Length	No	Component	OD	ID	Length
1	BIT	200.00	0.00	0.26	1	BIT	200.00	0.00	0.26					
1	BIT SUB	127.00	57.00	0.76	1	BIT SUB	127.00	57.00	0.76					
1	TELEDRIFT	126.00	55.00	2.62	1	TELEDRIFT	126.00	55.00	2.62					
8	DC (5.00 IN)	127.00	58.00	76.79	8	DC (5.00 IN)	127.00	58.00	76.79					
1	JARS-HYD/MECH	123.00	58.00	5.05	1	JARS-HYD/MECH	123.00	58.00	5.05					
8	DC (5.00 IN)	127.00	58.00	76.77	8	DC (5.00 IN)	127.00	58.00	76.77					
10	HWDP(4.0 IN)	102.00	65.00	93.43	10	HWDP(4.0 IN)	102.00	65.00	93.43					
1	X/O	158.00	0.60	0.81	1	X/O	158.00	0.60	0.81					
59	Drill Pipe	Stands		1141.99	59	Drill Pipe	Stands		1141.99		Drill Pipe	Stands		
1	Drill Pipe	Singles		9.68	1	Drill Pipe	Singles		9.68		Drill Pipe	Singles		
Kelly Down		9.84			Kelly Down		9.84			Kelly Down				
Total		1418.00			Total		1418.00			Total				
Weight of DC		20.00			Weight of DC		20.00			Weight of DC				
Weight of String		51.00			Weight of String		51.00			Weight of String				

SPECIAL EVENTS				
Tour No.	Event No.	Description	Time	Depth
1	JSA REVIEW	G-12 TAKING SAMPLES	00:00	
2	JSA REVIEW	B-02 CIRCULATING, B-87 USING PIPE SPINNER	12:00	

FRONT PAGE SUMMARY										Your Sheet Serial Number		Vendor Software Version		Year		Month		Day		DAILY CHECKS		OP RM	
License No 2074 Well Name PARA ET AL CAMERON E-52										20110330_1A		Pason		2011		03		30		1) Daily Visual Around Inspection 2) Detailed Inspection - Weekly (Using Check List) 3) H2S Signs Posted If Required 4) Well Licence & Stack Diagram Posted 5) Flare Lines Checked 6) BOP Drills Performed 7) Visually Inspected BOPs - Flare Lines & Degasser Lines		LW MN LW MN LW MN LW MN LW MN LW MN LW MN	
Operator PARAMOUNT RESOURCES LTD. Operator's AFE 10N110008 Signature of Operator Representative J WILLIAMS										Contractor NABORS DRILLING Contractor's Job No C6776 Signature of Contractor's Rig Manager MICHAEL NUGENT										Prov NT Loc Type LAT-LONG Unique Well Id 300E526010117160 Rig No 24 Well Type VERT Spud Date Time 2011/03/23 02:30 Rig Release Date Time		Re-Entry MN	

CODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	TOTAL	WEATHER
Hour 1	Rig Up	Drill Actual	Reaming	Coring	Cond Mud & Circ	Trips	Rig Service	Repair Rig	Cut Off Drill Line	Dev Survey	Wireline Loss	Run Csg & Cement	Wait On Cement	Nipple Up BOP	Test BOP	Drillstem Test	Plug Back	Squeeze Cement	Fishing	Dir Work	Safety Meeting	Tear Down	Waiting On	Rig Watch	Other	12.00	Partly Cloudy
Hour 2			1.25			2.25	6.25					8.75									0.50				0.25	12.00	Partly Cloudy
Hour 3																					0.50					12.00	Partly Cloudy
Total			1.25			2.25	7.75					11.50									1.00				0.25	24.00	Partly Cloudy



TOUR 1 SIGNATURE OF DRILLER										START TIME										END TIME									
KRIS HAY										00:00										12:00									

BITS		DRILLING ASSEMBLY		MUD RECORD		DEVIATION SURVEYS		TIME LOG	
Bit Number	CAO	No	Component	OD	ID	Mud Type	Water	Time	From
Size	200	1	BIT	200	0	Other	Oil	Depth	To
IADC Code		2	BIT SUB	127	57			Deviation	Elapsed
Manufacturer		3	8DC (5.00 IN)	127	58			Direction	Code
Type		4	1JARS-HYD/MECH	123	58			Type	
Serial No	DN2419	5	8DC (5.00 IN)	127	58				
Jets		6	10-HWDP(4.0 IN)	102	65				
Depth Out (m)		7	1W/O	158	1				
Depth In (m)									
Total Drilled (m)									
Hrs Run Today									
Cumulative Hrs Run	0.00								
Entry Date	2011/03/30								

CUTTING STRUCTURE		HOLE CONDITION		REDUCED PUMP SPEED	
TI	Gage	Hole Drag	Up	Pump No.	Pressure
TO	ODC		Down	1	1650
MDC	Reason Pulled			2	50
LOC	Total Run (m/hr)			3	50
BRG				4	50

METRES DRILLED		SOLIDS CONTROL		MUD MATERIALS ADDED	
From	To	Equipment	Hours	Product	Amount
		Name	Run		Type

SAFETY	
Safety Topic	MEHL
MACP	2819KPa

TOUR 2 SIGNATURE OF DRILLER										START TIME										END TIME									
WADE STEVENSON										12:00										24:00									

BITS		DRILLING ASSEMBLY		MUD RECORD		DEVIATION SURVEYS		TIME LOG	
Bit Number	CAO	No	Component	OD	ID	Mud Type	Water	Time	From
Size	200	1	BIT	200	0	Other	Oil	Depth	To
IADC Code		2	BIT SUB	127	57			Deviation	Elapsed
Manufacturer		3	8DC (5.00 IN)	127	58			Direction	Code
Type		4	1JARS-HYD/MECH	123	58			Type	
Serial No	DN2419	5	8DC (5.00 IN)	127	58				
Jets		6	10-HWDP(4.0 IN)	102	65				
Depth Out (m)		7	1W/O	158	1				
Depth In (m)									
Total Drilled (m)									
Hrs Run Today	1.25								
Cumulative Hrs Run	1.25								
Entry Date	2011/03/30								

CUTTING STRUCTURE		HOLE CONDITION		REDUCED PUMP SPEED	
TI	Gage	Hole Drag	Up	Pump No.	Pressure
TO	ODC		Down	1	1650
MDC	Reason Pulled			2	50
LOC	Total Run (m/hr)			3	50
BRG				4	50

METRES DRILLED		SOLIDS CONTROL		MUD MATERIALS ADDED	
From	To	Equipment	Hours	Product	Amount
		Name	Run		Type

SAFETY	
Safety Topic	MEHL
MACP	2575KPa

TOUR 3 SIGNATURE OF DRILLER										START TIME										END TIME									

BITS		DRILLING ASSEMBLY		MUD RECORD		DEVIATION SURVEYS		TIME LOG	
Bit Number	CAO	No	Component	OD	ID	Mud Type	Water	Time	From
Size		1	BIT			Other	Oil	Depth	To
IADC Code		2	BIT SUB					Deviation	Elapsed
Manufacturer		3	8DC (5.00 IN)					Direction	Code
Type		4	1JARS-HYD/MECH					Type	
Serial No		5	8DC (5.00 IN)						
Jets		6	10-HWDP(4.0 IN)						
Depth Out (m)		7	1W/O						
Depth In (m)									
Total Drilled (m)									
Hrs Run Today									
Cumulative Hrs Run									
Entry Date									

CUTTING STRUCTURE		HOLE CONDITION		REDUCED PUMP SPEED	
TI	Gage	Hole Drag	Up	Pump No.	Pressure
TO	ODC		Down	1	1650
MDC	Reason Pulled			2	50
LOC	Total Run (m/hr)			3	50
BRG				4	50

METRES DRILLED		SOLIDS CONTROL		MUD MATERIALS ADDED	
From	To	Equipment	Hours	Product	Amount
		Name	Run		Type

SAFETY	
Safety Topic	MEHL
MACP	

DRILL ASSEMBLY & SPECIAL EVENTS - ADDITIONAL DATA					Tour Sheet Serial No		Vendor Software Version		Year	Month	Day
					0X8424 20110330 1A		Pason		2011	03	30
License No	Well Name	Surface Location				Prov	Loc Type	Unique Well Id			
2074	PARA ET AL CAMERON E-52	60:01:26.00N/117:25:53.30W				NT	LAT-LONG	300E526010117150			
Operator		Contractor				Rig No	Well Type	Re-Entry			
PARAMOUNT RESOURCES LTD.		NABORS DRILLING				24	VERT	☐			
Operator's AFE		Contractor's Job No									
10N110008		C6776									
Signature of Operator Representative		Signature of Contractor's Rig Manager									
JOHN WILLIAMS		MICHAEL NUGENT									
						Spud Date Time					
						2011/03/23 02:30					
						Rig Release Date Time					



Pason

DRILLING ASSEMBLY			TOUR 1		DRILLING ASSEMBLY			TOUR 2		DRILLING ASSEMBLY			TOUR 3	
No	Component	OD	ID	Length	No	Component	OD	ID	Length	No	Component	OD	ID	Length
1	BIT	200.00	0.00	0.26										
1	BIT SUB	127.00	57.00	0.76										
8	DC (5.00 IN)	127.00	58.00	76.79										
1	JARS-HYD/MECH	123.00	58.00	5.05										
8	DC (5.00 IN)	127.00	58.00	76.77										
10	HWDP(4.0 IN)	102.00	65.00	93.43										
1	X/O	158.00	0.60	0.81										
59	Drill Pipe		Stands	1141.99		Drill Pipe		Stands			Drill Pipe		Stands	
1	Drill Pipe		Singles	9.68		Drill Pipe		Singles			Drill Pipe		Singles	
Kelly Down		12.03			Kelly Down					Kelly Down				
Total		1417.57			Total					Total				
Weight of DC		20.00			Weight of DC					Weight of DC				
Weight of String		51.00			Weight of String					Weight of String				

Tour No.	Event No.	Description	Time	Depth
1	JSA REVIEW	B-82 LOGGING A-04 CHANGING OIL	00:00	
2	JSA REVIEW	B-31 RUN IN THE HOLE, B-82 LOGGING	12:00	

FRONT PAGE SUMMARY															TOUR SHEET SERIAL NUMBER										VENDOR SOFTWARE VERSION										YEAR MONTH DAY										DAILY CHECKS										OP RM																			
License No 2074 Well Name PARA ET AL CAMERON E-52															Surface Location 60.0126.00N 117.25.63.W										Prov NT Loc Type LAT-LONG Unique Well Id 300E526010117150										Year 2011 Month 03 Day 31										1) Daily Visit Around Inspection 2) Detailed Inspection - Weekly (Using Check List) 3) H2S Signs Posted if Required 4) Well License & Stack Diagram Posted 5) Flare Lines Staked 6) BOP Drills Performed 7) Visually Inspected 80% - Flare Lines & Degasser Lines										1) Rig Site Health & Safety Meeting (one/crow/month) 2) CAODC Rig Safety Inspection Checklist (one/month) 3) Mast Inspection Before Raising or Lowering 4) Crown Lower Checked 5) Motor Kills Checked																			
Operator PARAMOUNT RESOURCES LTD. Operator's AFE 10N110008															Contractor NABORS DRILLING Contractor's Job No C6776										Rig No 24 Well Type VERT										Spud Date Time 2011/03/23 02:30										Rig Release Date Time										1) Rig Site Health & Safety Meeting (one/crow/month) 2) CAODC Rig Safety Inspection Checklist (one/month) 3) Mast Inspection Before Raising or Lowering 4) Crown Lower Checked 5) Motor Kills Checked										1) Rig Site Health & Safety Meeting (one/crow/month) 2) CAODC Rig Safety Inspection Checklist (one/month) 3) Mast Inspection Before Raising or Lowering 4) Crown Lower Checked 5) Motor Kills Checked									
Signature of Operator Representative WILLIAMS															Signature of Contractor's Rig Manager MICHAEL NUGENT										Re-Entry																																																	

CODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	TOTAL	FUEL @ 08:00 HOURS	WEATHER
Hour 1	Rig Up	Drill Actual	Reaming	Coring	Cond Mud & Circ	Trips	Rig Service	Repair Rig	Out Off Drills Line	Dev Survey	Wireline Logs	Run Cog & Cement	Wait On Cement	Nipple Up BOP	Test BOP	Drillstem Test	Plug Back	Squeeze Cement	Fishing	Dir Work	Safety Meeting	Tear Down	Waiting On	Rig Watch	Other	12.00	70.00	0.00
Hour 2	0.25				1.00	1.75	1.25					0.75	8.00								0.25					12.00	08.00	0.00
Hour 3	0.25				1.00	1.75	1.25					0.75	8.00								0.25					12.00	08.00	0.00
Total	0.25				1.00	1.75	1.25					0.75	8.00								0.25					12.00	08.00	0.00



TOUR 1 SIGNATURE OF DRILLER															START TIME										END TIME									
KRIS HAY															00:00										12:00									

BITS															DRILLING ASSEMBLY															MUD RECORD															DEVIATION SURVEYS															TIME LOG														
Bit Number C/O Size 200 IADC Code Manufacturer Type Serial No DN2419 Jets Depth Out (m) Depth In (m) Total Drilled (m) Hrs Run Today 1.00 Cumulative Hrs Run 2.25 Entry Date 2011/03/30															No Component OD ID Length 1 BIT SUB 200 57 0.24m 8 DC (5.00 IN) 127 58 76.78m 1 UARS-HYD/MECH 123 58 5.05m 8 DC (5.00 IN) 127 58 58.16m															Mud Type Water [X] Oil [] Time Density Funnel Viscosity Fluid Loss pH Location of Sample Depth PVT															Time Depth Deviation Direction Type Equipment Name Hours Run Intake Density Over Flow Density Under Flow Density															From To Elapsed Code Details of Operations in Sequence & Remarks 00:00 00:45 0.75:11 WIRELINE LOGS 00:45 02:00 1.25:5A TRIP IN HOLE FROM 0M-342M FLOW CHECK @ 342M. 02:00 02:15 0.25:25 BOP DRILL WITH CREW WELL SECURE IN 90 SECS. 02:15 04:15 2.00:5A TRIP IN HOLE FROM 342M-1370M FILL PIPE @ 710M, AND FLOW CHECK. 04:15 05:15 1.00:5A BEAM & CLEAN FROM 1370M TO 1418M 05:15 06:15 1.00:5A CONDITION MUD & CIRCULATE PREPARE WEIGHTED PILL, AND RIG TO POOH. 06:15 06:30 0.25:5A RIG SERVICE, FUNCT. ANNULAR (Base OIC) 06:30 07:00 0.50:5F LAY DOWN DRILL PIPE FROM 1418M-1220M / FLOW CHECK @ 1409M, 1220M 07:00 07:15 0.25:21 SAFETY MEETING WITH BOTH CREWS 07:15 09:15 2.00:5F LAY DOWN DRILL PIPE FROM 1220M-505M / FLOW CHECK @ 708M 09:15 10:00 0.75:25 BREAK DOWN KELLY, FLUSH PUMP & KELLY, BLOW OUT KELLY & MUD LINES, SUCK OUT KELLY SOCK WITH VAC TRUCK 10:00 11:00 1.00:5F LAY DOWN DRILL PIPE FROM 505M-250M / FLOW CHECK @ 300M 11:00 12:00 1.00:5D LAY DOWN HWDP & DC FROM 250M-141M														
CUTTING STRUCTURE TI TO MDC LOC BRG Reason Pulled Total Run (m/hr)															Drill Pipe Stands 0.00m Drill Pipe Singles 0.00m Kelly Down 0.00m Total 141.00m Weight of DC 65kN Weight of String 65kN															CIRCULATION Pump No. Type Liner Size SPM Pressure Hours Run SINGLE 152 115 4000 1															MUD MATERIALS ADDED Product Amount Type BARITE 25 SACK															Remarks: P.Y. BLIND AND PIPE RAMS USED TO CLOSE 8 SECS TO CLOSE ANNULAR VISUALLY INSPECT BOP AND MANIFOLD ALIGNMENT AND RECHECK DISCHARGE. F.T. FLARE STACK BURNER, AND CROWN RAYERS BOP DRILL WITH CREW @ 342M, WELL SECURE IN 90 SECS														
METRES DRILLED From To D-R-C RPM WOB Hole Drag Up [X] Down [] Torque at Bottom 2000.00Nm Fill on Bottom 11.00m															HOLE CONDITION Hole Drag Up [X] Down [] Torque at Bottom 2000.00Nm Fill on Bottom 11.00m															REDUCED PUMP SPEED Pump No. Pressure Strokes/min Depth 1 10.5 250															Boiler Boiler # Hours Run pH Stack Temp 1 12 10.5 250															SAFETY Safety Topic MEHL MACP RUN IN THE HOLE 2810KPa														

TOUR 2 SIGNATURE OF DRILLER															START TIME										END TIME									
WADE STEVENSON															12:00										24:00									

BITS															DRILLING ASSEMBLY															MUD RECORD															DEVIATION SURVEYS															TIME LOG														
Bit Number Size IADC Code Manufacturer Type Serial No Jets Depth Out (m) Depth In (m) Total Drilled (m) Hrs Run Today Cumulative Hrs Run Entry Date															No Component OD ID Length Kelly Down Total Weight of DC Weight of String															Mud Type Water [X] Oil [] Time Density Funnel Viscosity Fluid Loss pH Location of Sample Depth PVT															Time Depth Deviation Direction Type Equipment Name Hours Run Intake Density Over Flow Density Under Flow Density															From To Elapsed Code Details of Operations in Sequence & Remarks 12:00 13:15 1.25:5F LAY DOWN DRILL COLLARS FROM 141M-5M / FLOW CHECK OOH / CALC. 5.88m3, MEAS. 13:15 13:30 0.25:21 5.47m3, DIFF. 0.28m3 13:15 13:30 0.25:21 SAFETY MEETING WITH CM, RIA, RIG CREW & TOTAL DEPTH POWER TONGS/ELEVATORS 13:15 13:30 0.25:21 5-1/2" 90 DEG. SLX 100 TON, SER# EDM 1163 6173 57801 LT, CERT: H-12181, NOV.14/2003 13:30 13:45 0.25:1D LEVEL RIG TO RUN CASING 13:45 14:15 0.50:12A RIG UP TO RUN CASING 14:15 19:00 4.75:12B RUN CASING FROM 0M-1365M / FILL PIPE & FLOW CHECK @ 675M 19:00 19:15 0.25:21 SAFETY MEETING WITH BOTH CREWS 19:15 19:30 0.25:12B CONTINUE TO RUN CASING FROM 1365M-1415M 19:30 20:00 0.50:12A RIG DOWN FROM RUNNING CASING / RIG UP TO CIRCULATE 20:00 21:45 1.75:5A CONDITION MUD & CIRCULATE FOR CEMENT 21:45 22:00 0.25:1D PRE-JOB SAFETY MEETING WITH CREW AND ALL PERSONAL ON LOCATION FOR CEMENTING 22:00 24:00 2.00:12C RIG UP CEMENTERS, AND CEMENTING.														
CUTTING STRUCTURE TI TO MDC LOC BRG Reason Pulled Total Run (m/hr)															Drill Pipe Stands Drill Pipe Singles Kelly Down Total Weight of DC Weight of String															CIRCULATION Pump No. Type Liner Size SPM Pressure Hours Run SINGLE 152 65 2000 5															MUD MATERIALS ADDED Product Amount Type															Remarks: VISUALLY INSPECT BRAKES, PINS, LINKAGES, DRIVE LINE, DRILL LINE, GEN. BOILER, BOP & MANIFOLD VALVES FUNCTION HORN, CROWNSAVER, PVT ALARMS, FLARESTACK IGNITER														
METRES DRILLED From To D-R-C RPM WOB Hole Drag Up [X] Down [] Torque at Bottom Fill on Bottom															HOLE CONDITION Hole Drag Up [X] Down [] Torque at Bottom Fill on Bottom															REDUCED PUMP SPEED Pump No. Pressure Strokes/min Depth															Boiler Boiler # Hours Run pH Stack Temp 1 12 11 250															SAFETY Safety Topic MEHL MACP RUNNING CASING														

TOUR 3 SIGNATURE OF DRILLER															START TIME										END TIME									

BITS															DRILLING ASSEMBLY															MUD RECORD															DEVIATION SURVEYS															TIME LOG														
Bit Number Size IADC Code Manufacturer Type Serial No Jets Depth Out (m) Depth In (m) Total Drilled (m) Hrs Run Today Cumulative Hrs Run Entry Date															No Component OD ID Length Kelly Down Total Weight of DC Weight of String															Mud Type Water [X] Oil [] Time Density Funnel Viscosity Fluid Loss pH Location of Sample Depth PVT															Time Depth Deviation Direction Type Equipment Name Hours Run Intake Density Over Flow Density Under Flow Density															From To Elapsed Code Details of Operations in Sequence & Remarks														
CUTTING STRUCTURE TI TO MDC LOC BRG Reason Pulled Total Run (m/hr)															Drill Pipe Stands Drill Pipe Singles Kelly Down Total Weight of DC Weight of String															CIRCULATION Pump No. Type Liner Size SPM Pressure Hours Run															MUD MATERIALS ADDED Product Amount Type															Remarks:														
METRES DRILLED From To D-R-C RPM WOB Hole Drag Up [X] Down [] Torque at Bottom Fill on Bottom															HOLE CONDITION Hole Drag Up [X] Down [] Torque at Bottom Fill on Bottom															REDUCED PUMP SPEED Pump No. Pressure Strokes/min Depth															Boiler Boiler # Hours Run pH Stack Temp															SAFETY Safety Topic MEHL MACP														

DRILL ASSEMBLY & SPECIAL EVENTS - ADDITIONAL DATA				Tour Sheet Serial No	Vendor Software Version	Year	Month	Day
				0X8424 20110331 1B	Pason	2011	03	31
License No	Well Name	Surface Location	Prov	Loc Type	Unique Well Id			
2074	PARA ET AL CAMERON E-52	60:01:26.00N/117:25:53.30W	NT	LAT-LONG	300E526010117150			
Operator		Contractor	Rig No	Well Type	Re-Entry			
PARAMOUNT RESOURCES LTD.		NABORS DRILLING	24	VERT	☐			
Operator's AFE		Contractor's Job No						
10N110008		C6776						
Signature of Operator Representative		Signature of Contractor's Rig Manager						
JOHN WILLIAMS		MICHAEL NUGENT						
			Spud Date Time					
			2011/03/23 02:30					
			Rig Release Date Time					



Pason

[illegible]

SPECIAL EVENTS				
Tour No.	Event No.	Description	Time	Depth
1	JSA REVIEW	B-13 POOH & LAY DOWN DP & HWDP, B-35 RIG TONG OPS	07:00	
2	JSA REVIEW	L-06 RIG TO CEMENT CASING, J-04 NIPPLE DOWN BOP	19:00	
2	Rig site H/S	CEMENTING	22:00	

DRILL ASSEMBLY & SPECIAL EVENTS - ADDITIONAL DATA				Tour Sheet Serial No 0X8424 20110401 1C	Vendor Software Version Pason	Year 2011	Month 04	Day 01
License No 2074	Well Name PARA ET AL CAMERON E-52	Surface Location 60:01:26.00N/117:25:53.30W	Prov NT	Loc Type LAT-LONG	Unique Well Id 300E526010117150			
Operator PARAMOUNT RESOURCES LTD.	Contractor NABORS DRILLING	Rig No 24	Well Type VERT	Re-Entry ☐				
Operator's AFE 10N110008	Contractor's Job No C6776	Spud Date Time 2011/03/23 02:30						
Signature of Operator Representative JOHN WILLIAMS	Signature of Contractor's Rig Manager MICHAEL NUGENT	Rig Release Date Time 2011/04/04 12:00						

[illegible]

SPECIAL EVENTS				
Tour No.	Event No.	Description	Time	Depth
1	JSA REVIEW	B-71 BRIDLE UP BLOCKS	07:00	

FRONT PAGE SUMMARY										Tour Sheet Serial Number		Vendor Software Version		Year		Month		Day		DAILY CHECKS		OP RM																																																																																																																																																																			
License No 2074 Well Name PARA ET AL CAMERON E-52 Operator PARAMOUNT RESOURCES LTD. Operator's AFE 10N110008 Signature of Operator Representative BLINSTON										X68424_20110402_1A Surface Location 60-01:28.00N/117:26:53.30W		Pason Proven NT Loc Type LAT-LONG Unique Well Id 300E526010117150 Well Type VERT Spud Date Time 2011/03/23 02:30 Rig Release Date Time 2011/04/04 12:00		Re-Entry ☐		1) Daily Walk Around Inspection 2) Detailed Inspection - Weekly (Using Check List) 3) H2S Signs Posted If Required 4) Well Licence & Stick Diagram Posted 5) Flare Lines Inspected 6) BOP Drills Performed 7) Visually Inspected BOPs - Flare Lines & Degasser Lines 8) Rig Site Health & Safety Meeting (one/crow/month) 9) CAODC Rig Safety Inspection Checklist (one/rig/month) 10) Mast Inspection before Raising or Lowering 11) Crown Sewer Checked 12) Motor XRs Checked		13 14 15 16 17 18 19 20 21 22 23 24 25																																																																																																																																																																							
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TOUR 1 SIGNATURE OF DRILLER										WADE STEVENSON										START TIME		00:00		END TIME		12:00																							
BITS Bit Number Size IADC 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 No Component OD ID Length Drill Pipe Stands Drill Pipe Singles Kelly Down Total Weight of DC Weight of String										MUD RECORD Mud Type Water ☐ Oil ☐ Other Time Density Funnel Viscosity Fluid Loss pH Location of Sample Depth PVT CIRCULATION Pump# Type Liner Size SPM Pressure Hours Run Remarks:										DEVIATION SURVEYS Time Depth Deviation Direction Type SOLIDS CONTROL Equipment Name Hours Run Intake Density Over Flow Density Under Flow Density MUD MATERIALS ADDED Product Amount Type Remarks:										TIME LOG From To Elapsed Code 00:00 12:00 12.00 1A Details of Operations in Sequence & Remarks LOAD UP AND MOVE RIG FROM E-52 LOCATION TO MULLENS YARD IN GRIMSHAW, RIG MOVE WILL TAKE MORE TIME THAN ANTICIPATED DUE TO INSUFFICIENT NUMBER OF TRUCKS SUPPLIED BY MULLEN TRUCKING									
CUTTING STRUCTURE TI TO MDC LOC BRG Reason Pulled Total Run (m/hr)										METRES DRILLED From To D-R-C RPM WOB Hole Drag Up Down Torque at Bottom Fill on Bottom										REDUCED PUMP SPEED Pump No. Pressure Strokes/min Depth Boiler Boiler # Hours Run pH Stack Temp										SAFETY Safety Topic MEHL MACP																			

TOUR 2 SIGNATURE OF DRILLER										TIM BRIDGET										START TIME		12:00		END TIME		24:00																							
BITS Bit Number Size IADC 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 No Component OD ID Length Drill Pipe Stands Drill Pipe Singles Kelly Down Total Weight of DC Weight of String										MUD RECORD Mud Type Water ☐ Oil ☐ Other Time Density Funnel Viscosity Fluid Loss pH Location of Sample Depth PVT CIRCULATION Pump# Type Liner Size SPM Pressure Hours Run Remarks:										DEVIATION SURVEYS Time Depth Deviation Direction Type SOLIDS CONTROL Equipment Name Hours Run Intake Density Over Flow Density Under Flow Density MUD MATERIALS ADDED Product Amount Type Remarks:										TIME LOG From To Elapsed Code 12:00 24:00 12.00 1A Details of Operations in Sequence & Remarks MOVE RIG FROM LOCATION TO RACK SITE, STRIP MUD, RIG GENERATOR LEFT ON LOCATION UPON PARAMOUNTS REQUEST TO CONTINUE MUD STRIPPING OPERATIONS									
CUTTING STRUCTURE TI TO MDC LOC BRG Reason Pulled Total Run (m/hr)										METRES DRILLED From To D-R-C RPM WOB Hole Drag Up Down Torque at Bottom Fill on Bottom										REDUCED PUMP SPEED Pump No. Pressure Strokes/min Depth Boiler Boiler # Hours Run pH Stack Temp										SAFETY Safety Topic MEHL MACP																			

TOUR 3 SIGNATURE OF DRILLER																				START TIME				END TIME																									
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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																																																																																																																																																																		
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TOUR 1										SIGNATURE OF DRILLER										START TIME										END TIME																			
WADE STEVENSON										00:00										12:00																													
BITS Bit Number Size IADC 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 No Component OD ID Length Drill Pipe Stands Drill Pipe Singles Kelly Down Total Weight of DC Weight of String										MUD RECORD Mud Type Water Oil Other Time Density Funnel Viscosity Fluid Loss pH Location of Sample Depth PVT CIRCULATION Pump No. Type Liner Size SPM Pressure Hours Run										DEVIATION SURVEYS Time Depth Deviation Direction Type SOLIDS CONTROL Equipment Name Hours Run Intake Density Over Flow Density Under Flow Density MUD MATERIALS ADDED Product Amount Type										TIME LOG From To Elapsed Code Details of Operations in Sequence & Remarks 00:00 12:00 12:00 0A CONTINUE TO TRANSPORT RIG TO RACK SITE IN MULLENS YARD IN GRIMSHAW, SPOT LOADS AND PREPARE PIPE FOR INSPECTIONS									
CUTTING STRUCTURE TI TO MDC LOC BRG Gauge ODC Reason Pulled Total Run (m/hr)										HOLE CONDITION Hole Drag Up Down Torque at Bottom Fill on Bottom										REDUCED PUMP SPEED Pump No. Pressure Strokes/min Depth										SAFETY Safety Topic MEHL MACP																			

TOUR 2										SIGNATURE OF DRILLER										START TIME										END TIME																			
TIM BRIDGE										12:00										24:00																													
BITS Bit Number Size IADC 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 No Component OD ID Length Drill Pipe Stands Drill Pipe Singles Kelly Down Total Weight of DC Weight of String										MUD RECORD Mud Type Water Oil Other Time Density Funnel Viscosity Fluid Loss pH Location of Sample Depth PVT CIRCULATION Pump No. Type Liner Size SPM Pressure Hours Run										DEVIATION SURVEYS Time Depth Deviation Direction Type SOLIDS CONTROL Equipment Name Hours Run Intake Density Over Flow Density Under Flow Density MUD MATERIALS ADDED Product Amount Type										TIME LOG From To Elapsed Code Details of Operations in Sequence & Remarks 12:00 24:00 12:00 0A CONTINUE TO SPOT LOADS, AND PREPARE DRILL COLLARS FOR INSPECTION									
CUTTING STRUCTURE TI TO MDC LOC BRG Gauge ODC Reason Pulled Total Run (m/hr)										HOLE CONDITION Hole Drag Up Down Torque at Bottom Fill on Bottom										REDUCED PUMP SPEED Pump No. Pressure Strokes/min Depth										SAFETY Safety Topic MEHL MACP																			

TOUR 3										SIGNATURE OF DRILLER										START TIME										END TIME																			
BITS Bit Number Size IADC 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 No Component OD ID Length Drill Pipe Stands Drill Pipe Singles Kelly Down Total Weight of DC Weight of String										MUD RECORD Mud Type Water Oil Other Time Density Funnel Viscosity Fluid Loss pH Location of Sample Depth PVT CIRCULATION Pump No. Type Liner Size SPM Pressure Hours Run										DEVIATION SURVEYS Time Depth Deviation Direction Type SOLIDS CONTROL Equipment Name Hours Run Intake Density Over Flow Density Under Flow Density MUD MATERIALS ADDED Product Amount Type										TIME LOG From To Elapsed Code Details of Operations in Sequence & Remarks									
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FRONT PAGE SUMMARY										Tour Sheet Serial Number		Vendor Software Version		Year		Month		Day		DAILY CHECKS										OP RM	
License No 2074 Well Name PARA ET AL CAMERON E-52 Operator PARAMOUNT RESOURCES LTD. Operator's AFE 10N110008 Signature of Operator Representative										2X8424_20110404_1A Surface Location 60.01:26.00N/117.25:83.30W		Pason		Prov NT Loc Type LAT-LONG Unique Well Id 300E526010117160		Year 2011 Month 04 Day 04		1) Daily Walk Around Inspection 2) Detailed Inspection - Weekly (Using Check List) 3) H2S Signs Posted if Required 4) Well License & Stock Diagram Posted 5) Flow Lines Staked 6) BOP Drills Performed 7) Visually Inspected 90°s - Flow Lines & Degasser Lines 8) Rig Site Health & Safety Meeting (one/crew/month) 9) CAODC Rig Safety Inspection Checklist (one/tg/month) 10) Mast Inspection before Raising or Lowering 11) Crown Saver Checked 12) Motor Ribs Checked										OP RM 114.00 0.00 7.00 19.00			
Contractor NABORS DRILLING Contractor's Job No C6776 Signature of Contractor's Rig Manager MICHAEL NUGENT										Rig No 24 Well Type VERT Spud Date Time 2011/03/23 02:30 Rig Release Date Time 2011/04/04 12:00		Re-Entry ☐												FUEL @ 08:00 HOURS Fuel 114.00 Cost 0.00 Overcast 0.00 Wind Strength CALM Wind Direction F20							

CODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	TOTAL
Hours	Rig Up	Drill Actual	Remaining	Coring	Cond Mud & Circ	Trips	Rig Service	Repair Rig	Cut Off Drills Line	Dev Survey	Wireline Logs	Run Cog & Cement	Wait On Cement	Middle Up BOP	Test BOP	Drillstem Test	Plug Back	Squeeze Cement	Fishing	Dir Work	Safety Meeting	Tear Down	Waiting On	Rig Watch	Other	
Tour 1	12.00																									12.00
Tour 2						7.00																				7.00
Tour 3																										
Total	12.00					7.00																				19.00

TOUR 1

SIGNATURE OF DRILLER _____

WADE STEVENSON

START TIME 00:00

END TIME 12:00

BITS		DRILLING ASSEMBLY		MUD RECORD		DEVIATION SURVEYS		TIME LOG	
Bit Number		No	Component	OD	ID	Mud Type	Water ☐ Oil ☐	Time	Elapsed
Size						Other		Depth	To
IADC Code								Deviation	Code
Manufacturer								Direction	Details of Operations in Sequence & Remarks
Type								Type	
Serial No									
Jets									
Depth Out (m)									
Depth In (m)									
Total Drilled (m)									
Hrs Run Today									
Cumulative Hrs Run									
Entry Date									
CUTTING STRUCTURE		HOLE CONDITION		REDUCED PUMP SPEED		SOLIDS CONTROL		MUD MATERIALS ADDED	
TI	Gage	Drill Pipe	Stands	Pump No.	Pressure	Equipment Name	Hours Run	Product	Amount
TO	ODC	Drill Pipe	Singles	Type	Strokes/min	Intake Density	Over Flow Density		Type
MDC	Reason Pulled			Liner Size	Depth	Under Flow Density			
LOC	Total Run (m/hr)			SPM					
BRG				Pressure					
METRES DRILLED		HOLE CONDITION		REDUCED PUMP SPEED		SOLIDS CONTROL		MUD MATERIALS ADDED	
From	To	Hole Drag	Up ☐ Down ☐	Pump No.	Pressure	Equipment Name	Hours Run	Product	Amount
		Torque at Bottom		Type	Strokes/min	Intake Density	Over Flow Density		Type
		Fill on Bottom		Liner Size	Depth	Under Flow Density			
				SPM					
				Pressure					
CUTTING STRUCTURE		HOLE CONDITION		REDUCED PUMP SPEED		SOLIDS CONTROL		MUD MATERIALS ADDED	
TI	Gage	Drill Pipe	Stands	Pump No.	Pressure	Equipment Name	Hours Run	Product	Amount
TO	ODC	Drill Pipe	Singles	Type	Strokes/min	Intake Density	Over Flow Density		Type
MDC	Reason Pulled			Liner Size	Depth	Under Flow Density			
LOC	Total Run (m/hr)			SPM					
BRG				Pressure					
METRES DRILLED		HOLE CONDITION		REDUCED PUMP SPEED		SOLIDS CONTROL		MUD MATERIALS ADDED	
From	To	Hole Drag	Up ☐ Down ☐	Pump No.	Pressure	Equipment Name	Hours Run	Product	Amount
		Torque at Bottom		Type	Strokes/min	Intake Density	Over Flow Density		Type
		Fill on Bottom		Liner Size	Depth	Under Flow Density			
				SPM					
				Pressure					

TOUR 2

SIGNATURE OF DRILLER _____

TIM BRIDGET

START TIME 12:00

END TIME 24:00

BITS		DRILLING ASSEMBLY		MUD RECORD		DEVIATION SURVEYS		TIME LOG	
Bit Number		No	Component	OD	ID	Mud Type	Water ☐ Oil ☐	Time	Elapsed
Size						Other		Depth	To
IADC Code								Deviation	Code
Manufacturer								Direction	Details of Operations in Sequence & Remarks
Type								Type	
Serial No									
Jets									
Depth Out (m)									
Depth In (m)									
Total Drilled (m)									
Hrs Run Today									
Cumulative Hrs Run									
Entry Date									
CUTTING STRUCTURE		HOLE CONDITION		REDUCED PUMP SPEED		SOLIDS CONTROL		MUD MATERIALS ADDED	
TI	Gage	Drill Pipe	Stands	Pump No.	Pressure	Equipment Name	Hours Run	Product	Amount
TO	ODC	Drill Pipe	Singles	Type	Strokes/min	Intake Density	Over Flow Density		Type
MDC	Reason Pulled			Liner Size	Depth	Under Flow Density			
LOC	Total Run (m/hr)			SPM					
BRG				Pressure					
METRES DRILLED		HOLE CONDITION		REDUCED PUMP SPEED		SOLIDS CONTROL		MUD MATERIALS ADDED	
From	To	Hole Drag	Up ☐ Down ☐	Pump No.	Pressure	Equipment Name	Hours Run	Product	Amount
		Torque at Bottom		Type	Strokes/min	Intake Density	Over Flow Density		Type
		Fill on Bottom		Liner Size	Depth	Under Flow Density			
				SPM					
				Pressure					

TOUR 3

SIGNATURE OF DRILLER _____

START TIME

END TIME

BITS		DRILLING ASSEMBLY		MUD RECORD		DEVIATION SURVEYS		TIME LOG	
Bit Number		No	Component	OD	ID	Mud Type	Water ☐ Oil ☐	Time	Elapsed
Size						Other		Depth	To
IADC Code								Deviation	Code
Manufacturer								Direction	Details of Operations in Sequence & Remarks
Type								Type	
Serial No									
Jets									
Depth Out (m)									
Depth In (m)									
Total Drilled (m)									
Hrs Run Today									
Cumulative Hrs Run									
Entry Date									
CUTTING STRUCTURE		HOLE CONDITION		REDUCED PUMP SPEED		SOLIDS CONTROL		MUD MATERIALS ADDED	
TI	Gage	Drill Pipe	Stands	Pump No.	Pressure	Equipment Name	Hours Run	Product	Amount
TO	ODC	Drill Pipe	Singles	Type	Strokes/min	Intake Density	Over Flow Density		Type
MDC	Reason Pulled			Liner Size	Depth	Under Flow Density			
LOC	Total Run (m/hr)			SPM					
BRG				Pressure					
METRES DRILLED		HOLE CONDITION		REDUCED PUMP SPEED		SOLIDS CONTROL		MUD MATERIALS ADDED	
From	To	Hole Drag	Up ☐ Down ☐	Pump No.	Pressure	Equipment Name	Hours Run	Product	Amount
		Torque at Bottom		Type	Strokes/min	Intake Density	Over Flow Density		Type
		Fill on Bottom		Liner Size	Depth	Under Flow Density			
				SPM					
				Pressure					

**GE Oil & Gas**

710, 530 - 8th Ave S.W. Calgary, Alberta T2P 3S8

Phone: (403) 264-4146 Fax (403) 269-4224

Toll Free: 1-800-925-6024

Quotation**Well Schematic**

Rev

0

Date: August 29, 2011
Sold To: **Paramount Res.**
Attention: Brad Scott
Reference: Cameron Hills E-52
Currency:
Payment Terms:
Delivery:
F.O.B. Point
Quotation Validity:
Account Representative

Well Schematic

Item	Qty	Part No	Description	Unit Price	Total
1	1		CASING HEAD ASSEMBLY, VG-SOW, 9 3000 (228.6mm20.7MPa) X 8-5/8 (219.1mm) SOW, C/W (2) 2-1/16 3000 (52.4mm20.7MPa) SSO W/ 1.900 (48.3mm) VRT, API 6A 19TH ED., TC L-U, MC CDD, PR-1, PSL-1	CP	
2	1		CASING SLIP ASSEMBLY, VGS, 9 (228.6mm) X 5-1/2 (139.7mm), MANUAL SLIP. API 6A 19TH ED., TC L-U, MC DD, PR-1, PSL-1	CP	
3	1		PRIMARY SEAL ASSEMBLY, VGS, 9 (228.6mm) X 5-1/2 (139.7mm), API 6A 19TH ED., TC L-U, MC DD, PR-1, PSL1	CP	
4	1		GATE VALVE ASSY, VGC, 2-1/16 5000 (52mm 34.5MPa) FLANGED, FULL PORT. API 6A 19TH ED PSL-1, PR-1 TC L-U, MC DD	CP	
5	2		COMPANION FLANGE, 2-1/16 5000 (52mm 34.5MPa) X 2 (50mm) LP API 6A 19TH ED PSL-1, PR-1, TC L-U, MC DD	CP	
6	2		BULL PLUG XXH 2 (50mm) LP X 1/2 (12.7mm) NPT TAPPED	CP	
7	1		NEEDLE VALVE 1/2 (12.7mm) NPT MXF STRAIGHT 316 S.S. 10000 WP	CP	
8	1		PRESSURE GAUGE 5000 (34.5MPa) CW 4 (101.6mm) DIAL 1/2 (12.7mm) NPT BTM NACE	CP	
9	2		FORGED STEEL PIPE PLUG 1/2 (12.7mm) NPT	CP	
10	1		RING GASKET R-49 316 S.S.	CP	
11	3		RING GASKET R-24 316 S.S.	CP	
12	1		STUD/NUT L7/2H 7/8 (22.2mm) X 6 (152.4mm) LONG SET OF 8	CP	
CASING BOWL SUB TOTAL					\$0.00

Well Schematic					
Item	Qty	Part No	Description	Unit Price	Total
13	1		TUBING HEAD ASSEMBLY, VGOFF-GRF, 9 3000 (228.6mm20.7MPa) X 7-1/16 3000 (179.4mm20.7MPa), C/W (2) 2-1/16 5000 (52.4mm34.5MPa) SSO W/ 1.900 (48.3mm) VRT. API 6A 19TH ED., TC L-U, MC AA, PR-1, PSL-1	CP	
14	1		SECONDARY SEAL ASSEMBLY, GRF, 9 (228.6mm) X 5-1/2 (139.7mm), API 6A 19TH ED., TC L-U, MC DD, PR-1, PSL-1	CP	
15	1		TUBING HANGER ASSEMBLY, XP-1, 7-1/16 (179.4mm) NOM. X 2-7/8 (73.0mm) EUE BOX X BOX C/ EXTENDED NECK & 2-1/2 (63.5mm) HBPV, API 6A 19TH ED., TC L-U, MC DD, PR-1, PSL-1	CP	
16	2		GATE VALVE ASSY, VGC, 2-1/16 5000 (52mm 34.5MPa) FLANGED, FULL PORT. API 6A 19TH ED PSL-1, PR-1 TC L-U, MC DD	CP	
17	2		COMPANION FLANGE, 2-1/16 5000 (52mm 34.5MPa) X 2 (50mm) LP API 6A 19TH ED PSL-1, PR-1, TC L-U, MC DD	CP	
18	2		BULL PLUG XXH 2 (50mm) LP X 1/2 (12.7mm) NPT TAPPED	CP	
19	2		FORGED STEEL PIPE PLUG 1/2 (12.7mm) NPT	CP	
20	1		NEEDLE VALVE 1/2 (12.7mm) NPT MXF STRAIGHT 316 S.S. 10000 WP	CP	
21	1		PRESSURE GAUGE 5000 (34.5MPa) CW 4 (101.6mm) DIAL 1/2 (12.7mm) NPT BTM NACE	CP	
22	1		RING GASKET R-45 316 S.S.	CP	
23	4		RING GASKET R-24 316 S.S.	CP	
24	1		STUD/NUT L7 2H 1-3/8 (38.1mm) X 9-1/2 (241.3mm) LONG SET OF 12	CP	
25	2		STUD/NUT L7 2H 7/8 (22.2mm) X 6 (152.4mm) LONG SET OF 8	CP	
			TUBING HEAD SUBTOTAL		\$0.00
26	1		TUBING HEAD ADAPTER BONNET, XP-1, 7-1/16 3000 (179.4mm20.7MPa) X 2-9/16 5000 (65.1mm34.5MPa) SSU, C/W SEAL POCKET & TEST PORT, API 6A 19TH ED., TC L-U, MC DD, PR-1, PSL-1	CP	
27	2		GATE VALVE ASSY, VGC, 2-9/16 5000 (65.1mm 34.5MPa) FLANGED, FULL PORT. API 6A 19TH ED PSL-1, PR-1 TC L-U, MC DD	CP	
28	1		STUDDERED TEE, 2-9/16 5000 (65.1mm34.5MPa) X 2-9/16 5000 (65.1mm34.5MPa) RISE X 2-1/16 5000 (52.4mm34.5MPa) RUN, API 6A 19TH ED., TC L-U, MC DD, PR-1, PSL-1	CP	
29	1		B.H.T.A., 2-9/16 5000 (65.1mm34.5MPa), C/W TOP CAP ASSEMBLY W/ 1/2" NPT TAP, API 6A 19TH ED., TC L-U, MC DD, PR-1, PSL-1	CP	
30	1		GATE VALVE ASSY, VGC, 2-1/16 5000 (52mm 34.5MPa) FLANGED, FULL PORT. API 6A 19TH ED PSL-1, PR-1 TC L-U, MC DD	CP	
31	1		COMPANION FLANGE, 2-1/16 5000 (52mm 34.5MPa) X 2 (50mm) LP API 6A 19TH ED PSL-1, PR-1, TC L-U, MC DD	CP	
32	1		BULL PLUG XXH 2 (50mm) LP X 1/2 (12.7mm) NPT TAPPED	CP	
33	1		FORGED STEEL PIPE PLUG 1/2 (12.7mm) NPT	CP	
34	1		NEEDLE VALVE 1/2 (12.7mm) NPT MXF STRAIGHT 316 S.S. 10000 WP	CP	

Well Schematic					
Item	Qty	Part No	Description	Unit Price	Total
35	1		PRESSURE GAUGE 5000 (34.5MPa) CW 4 (101.6mm) DIAL 1/2 (12.7mm) NPT BTM NACE	CP	
36	4		RING GASKET R-27 316 S.S.	CP	
37	2		RING GASKET R-24 316 S.S.	CP	
38	1		STUD/NUT L7/2H 7/8 (22.2mm) X 6 (152.4mm) LONG SET OF 8	CP	
39	1		STUD/NUT L7/2H 1 (25.4mm) X 7 (177.8mm) LONG SET OF 8	CP	
			COMPLETION SUBTOTAL		\$0.00
40	3		LABOUR CHARGE/HR TO ASSEMBLE TEST AND PAINT	\$0.00	\$0.00
EQUIPMENT TOTAL					\$0.00

Preston Seier 403-264-4182	
Authorized By:	_____
For Vetco Gray	_____

<u>Customer Order Acknowledgment</u>	
Print Name:	_____

Signature:	_____

Date:	_____

****Remanufactured wellhead equipment carries full warranty and is subject to prior sale**

All deliveries are from receipt of order and subject to prior sale

No product may be returned for credit without the written consent of an authorized VGC employee.
Product returned more than 30 days after shipment date is subject to a 15% restocking charge.
Products purchased from other O.E.Ms is subject to their actual restocking charge.
Equipment returned for credit that requires disassembly is subject to a tear down charge
Credit will not be issues on assembly, test and paint.
Product returned requiring clean-up is subject to shop charge.
Expendable items such as nipples, ring gaskets and boltings that are part of assemblies are subject to 100% restocking charge.
Components requiring special coating for injection wells will be subject to a 15% restocking charge.
Products manufactured to a PSL-3 is subject to a 15% restocking charge.
Specialty equipment (considered to be a non-stocking item) is subject to a 100% restocking charge.
Fuel or steel surcharge, if applicable will be added to invoice amount.

VETCO GRAY CANADA INC.
STANDARD TERMS AND CONDITIONS

1. Acceptance

1.1 Acceptance of any offer to sell by VGC is limited to Purchaser completely and exclusively accepting all terms and conditions hereof ("Terms"). The acknowledgment Sales Agreement constitutes the entire agreement between the parties and takes precedence over any and all previous verbal or written arrangements in connection with this Agreement. Any deletions, modifications, alterations or additions to the Terms, to be binding, shall be in writing and signed by an authorized representative of VGC and the Purchaser. Without limiting the foregoing, it is expressly acknowledged that any Purchaser document received is for order identification convenience only. Any and all provisions on the face or reverse side of any purchase order which Purchaser may send to VGC in connection herewith are expressly objected to by VGC and waived by Purchaser and made inapplicable to any such purchase, unless both parties expressly agree in writing to include any such terms and conditions in this Agreement.

1.2 Purchaser's acceptance is hereby expressly limited to the Terms, and acceptance of any part of the products covered hereunder shall be deemed to constitute such acceptance. (If this order constitutes an acceptance of an offer, such acceptance is expressly made conditional on Purchaser's assent to the Terms and any additional or different terms contained herein, and acceptance of any part of the products covered shall be deemed to constitute such assent.) VGC may provide the products from its affiliated company, in which event these Terms will apply. Purchaser may not assign this Agreement without the prior written consent.

1.3 For any item of VGC equipment leased to Purchaser, VGC's standard terms and conditions of equipment lease shall apply.

2. Limited Warranties

VGC hereby warrants that all products manufactured by VGC are free of defects of material and workmanship for a period of twelve (12) months from the date shipped, providing that the products are used in the service specified and are properly installed, used and maintained and not altered after initial delivery, corrosion and erosion and normal wear and tear excepted. Purchaser shall give written notice to VGC of any defects within thirty (30) days of their discovery by Purchaser, within said twelve (12) month period, with a report detailing failure and defects. VGC reserves the right to require prepaid return of the allegedly defective product to establish a warranty claim. VGC will, at its option, repair any product found defective during the warranty period without charge, replace the product F.O.B. manufacturing facility, or refund the purchase price paid for the products upon return to VGC. VGC shall not be responsible for retrieving or removing defective items (whether manufactured by VGC or not), or any part thereof, or for reinstalling the same when repaired or replaced, or for any cost incurred in connection with such retrieval, removal or reinstallation. In the case of items or parts not wholly of VGC's manufacture, but supplied by VGC, VGC's liability shall be limited to assisting Purchaser in enforcing the warranty of the manufacturer of the items or parts. VGC will not be responsible for repairs made by other than VGC without prior written consent. This warranty is EXCLUSIVE AND, EXCEPT AS STATED HEREIN, VGC MAKES NO EXPRESS OR IMPLIED WARRANTIES AS TO ANY MATTER WHATSOEVER, INCLUDING, WITHOUT LIMITATION, THE WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE, WHICH EXCEED THE FOREGOING WARRANTY. PURCHASER'S SOLE REMEDY AND VGC'S SOLE OBLIGATION ARISING OUT OF OR IN CONNECTION WITH DEFECTS IN MATERIALS, WORKMANSHIP OR SERVICES, WHICH ARE BASED ON WARRANTY, CONTRACT NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL BE THOSE STATED IN THIS SECTION. The Purchaser acknowledges that any affirmation of fact or promise made by VGC shall not be deemed to create an express warranty, that Purchaser is not relying on VGC's skill or judgment in selecting or furnishing a system suitable for any particular purpose, and there are no warranties which extend beyond the description on the face hereof.

3. Liability

VGC is not an insurer and insurance, if any, shall be obtained by the Purchaser. The Purchaser acknowledges that it is impracticable and extremely difficult to affix the actual damages, if any, which may proximately result from a failure on the part of VGC to perform any of the obligations contained herein, or the failure of the product to operate properly, with resulting loss to the Purchaser, and that the price is established on use of these Terms. The Purchaser agrees that if VGC should be found liable for loss or damage due to a failure of service or equipment in any respect whatsoever, VGC's liability, whether based on breach of warranty, breach of contract, tort, strict liability or otherwise, shall be limited to its warranty obligation, but in no event shall exceed the purchase price paid. In the event that those products or parts which are defective in either material or workmanship are not wholly of VGC's manufacture, VGC's liability shall be limited exclusively to the extent of VGC's recovery from the manufacturer of such products or parts. The replacement cost or VGC's recovery from the manufacturer, as the case may be, shall be the exclusive obligation and liability of VGC and the sole remedy of Purchaser. Further, the provisions of this section shall apply if loss or damage, or indirectly to persons or property, from performance or nonperformance of the obligations imposed by this Agreement or from negligence, active or otherwise, of VGC, its agents, assigns or employees. In no event shall VGC be liable for damages arising from delays, loss of use or of profits or for other incidental or consequential damages of any kind, including, by way of example and not of limitation, pollution, hydrocarbon spillage or discharge, blowout, seepage, damage to underground reservoirs or any uncontrolled flow of hydrocarbons or other substances.

4. Subrogation

The Purchaser hereby releases, discharges and agrees to hold VGC harmless from any and all claims, liabilities, damages, losses or expenses arising from or caused by any hazard covered by insurance, whether said claim is made by Purchaser, its agents and insurance company, or by any other parties claiming under or through Purchaser. Purchaser agrees to indemnify VGC against, defend and hold VGC harmless from any liability, loss or damage, including costs or attorney's fees which VGC may incur as a result of any action or subrogation which may be brought against VGC by an insurer or insurance company, or its agents or

5. Price and Payment

5.1 All products are priced in U.S. dollars, unless otherwise stated, and will be invoiced upon shipment. Net payment is due within thirty (30) days after invoice date. Interest charges at eighteen percent (18%) per annum (or at maximum lawful rate) will be applicable to delinquent accounts unpaid after due date. Prices quoted are subject to change without notice if not accepted within thirty (30) days, unless specifically stated.

5.2 Unless otherwise quoted, Purchaser will pay, in addition to the purchase price of the products, all charges for export packing and processing, insurance and transportation, and the price of products does not include personnel or equipment required to install the products.

6. Transportation

Unless otherwise specified in VGC's sales quotation, transportation charges, including transportation documents and contracts with carriers, shall be based upon the point of manufacture and shall be paid by Purchaser. All taxes, surcharges, customs duties, consular fees, assessments imposed by any governmental authority, insurance charges and other applicable charges, shall be borne by the Purchaser. Title to and risk of loss for goods sold shall pass to the Purchaser ex_works (INCOTERMS), point of manufacture warehouse, unless otherwise specifically agreed to by VGC in writing.

7. Delivery

Purchaser acknowledges that delivery dates, while given as accurately as conditions permit, are tentative only and, while every effort will be made to make deliveries as scheduled, VGC assumes no liability whatsoever or damages arising out of the failure to deliver the goods described herein on the dates stated. Delay in delivery shall not give Purchaser the right to cancel order. Delivery dates may be changed at VGC's

8. Cancellation or Rescheduling of Orders

8.1 Purchaser's orders, once placed and accepted, may be canceled only with VGC's written consent and upon terms which will save VGC from loss. No products may be returned for credit, warranty claim or adjustment without the written consent of authorized VGC employees.

8.2 VGC may, but is not obligated to, accept a written request by Purchaser to delay shipment of the products. If rescheduling is accepted by VGC, Purchaser shall pay any additional costs incurred by the delay and the price for the balance of the order shall be adjusted to reflect prices and costs in effect at time of actual shipment.

9. Taxes, Licenses or Other Charges

9.1 All taxes or other charges imposed by law on the sale or production of goods or the performance of services under this Agreement, including, but not limited to, those from all governmental authorities, as well as all foreign taxes, surcharges, duties, assessments or charges, if any, shall be borne by the Purchaser, unless the law specifically provides that such payment must be borne by VGC. Purchaser shall pay for and hold VGC harmless from all such governmental charges.

9.2 Purchaser shall, at its own expense, obtain all licenses, permissions or authorizations to use, purchase, export or import the products, as may be required by any governmental authority.

10. Services

Upon the request of the Purchaser, VGC will provide appropriate services and/or technical information, as available, regarding the products and their uses, and will use reasonable efforts to provide personnel to assist the Purchaser in effecting field installations. The Purchaser acknowledges that any such information, service or assistance so provided, whether with or without charge, shall be in an advisory capacity only. The Purchaser further agrees that VGC assumes no liability for any damage or loss at any location arising out of, resulting from or caused, in whole or in part, by any information, service, advice or assistance provided by VGC, its agents, assigns, employees or subcontractors.

11. Packaging/Insurance

11.1 When obligated to do so in the specifications, VGC shall attempt to pack and prepare all shipments in such a manner as to prevent breakage, rust or deterioration in transit. VGC does not, however, guarantee against such damage and the risk of any damage to the products in transit shall be borne by the Purchaser at all times.

11.2 Unless requested by the Purchaser and agreed to in writing by VGC, no shipments are insured by VGC against damage or loss in transit and VGC assumes no liability whatsoever in regard to the obtaining of such insurance.

12. Changes and Modifications in Design

VGC hereby reserves the right to change or modify the specification and construction of any of its products without incurring any obligation to furnish or install such changes or modifications on products previously or subsequently sold.

13. Patent Warranties

The Purchaser acknowledges that VGC does not warrant that any of the materials, equipment or apparatus sold by it, if used or sold in combination with any other equipment, or used in Purchaser's methods or processes, will not, by virtue of such combination or use, infringe patents of others, and VGC shall not be liable for any patent infringement arising from or by reason of any such use or sale. On any item sold by VGC,

14. Shortages

Subject to Paragraphs 8.1, 11.1 and 11.2, all claims regarding shortages in any shipment must be made within thirty (30) days from the receipt of such shipment, and must be accompanied by the packing list or lists covering the shipment.

15. Consular Documents and Declarations

The procurement of consular fees for legalizing invoices, stamping Bills of Lading or other such documents and declarations required by the law of any country or destination, are not included in quotations or selling prices. Although it is not VGC's policy to make such arrangements, if instructed by the Purchaser and agreed to in writing by VGC, VGC will make arrangements for any consular documents and declarations needed, as agents of the Purchaser. VGC assumes no liability whatsoever as a result of making such arrangements and all costs and liability shall be borne by the Purchaser.

16. Force Majeure

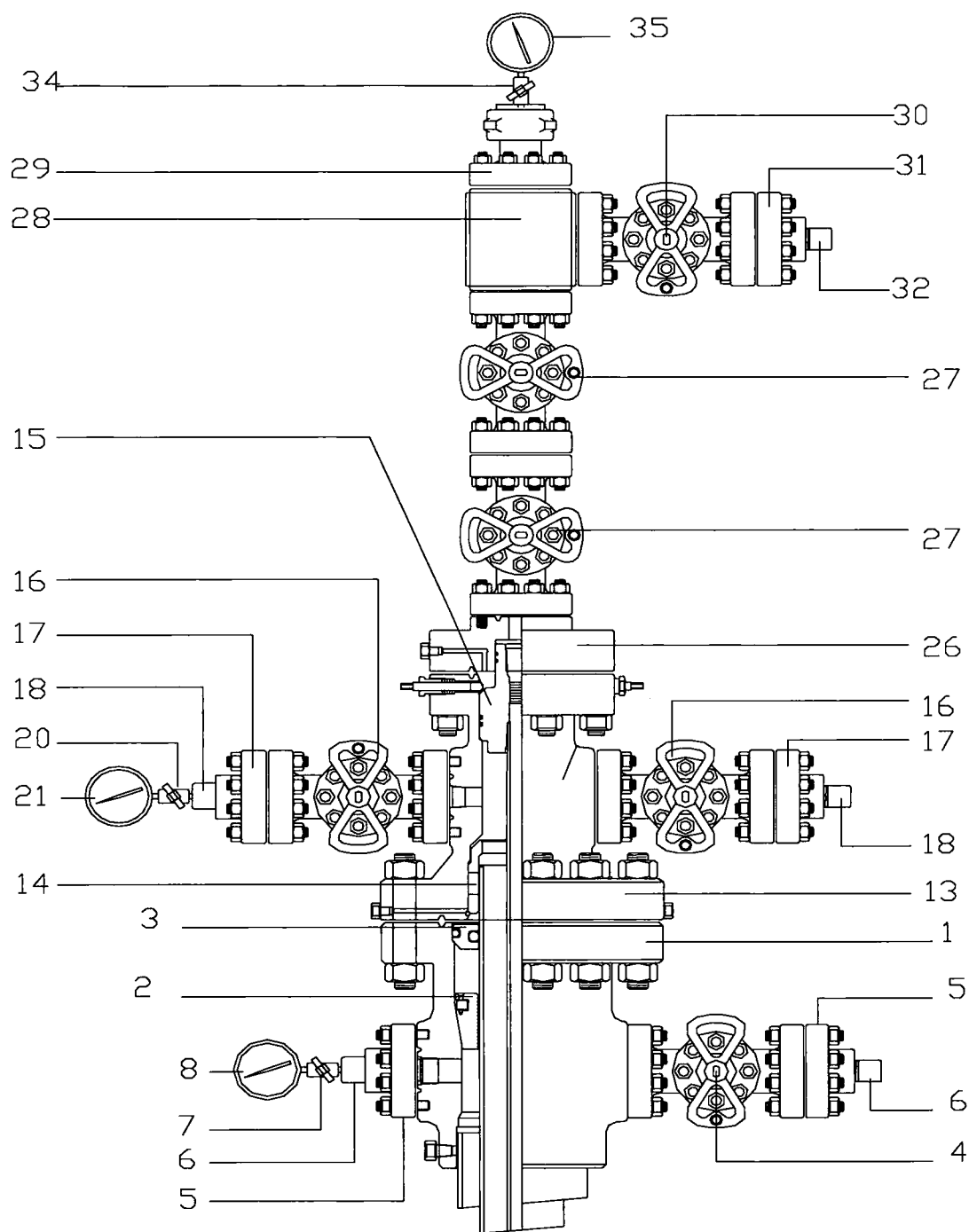
If the Purchaser or VGC is prevented, directly or indirectly, from carrying out the provisions of this Agreement by reason of any act of God, war, revolution, blockade, strike, riot, earthquake, cyclone or flood, or delay by carrier, fuel shortage, embargo, walkout or other labor disturbance, actual or potential, the operation of laws, interference of civil or military authority, or other cause, existing or future, beyond the reasonable control of the party affected, interfering with production or receipt of goods as herein contemplated, the party so prevented or interfered with shall be excused from making or taking deliveries to the extent of such prevention or interference, excluding the obligation to pay monies owed, provided prompt written notice is given to the other party.

17. Governing Law

17.1 The validity, interpretation and performance of this Agreement with respect to goods delivered or to be delivered under this Agreement shall be governed by the laws of the Canada and the Province of Alberta and any dispute arising hereunder shall be referred to the courts of the Province of Alberta or, at VGC's sole discretion, to the courts where the Purchaser's business is situated.

17.2 The invalidity, in whole or in part, of the Terms, or any provision or any part thereof, shall not affect the validity or enforceability of any other terms or provisions.

17.3 The right of VGC to require strict performance of the Terms shall not be affected by any prior waiver or course of dealing.





Schematic - Current

Well Name: PARA ET AL CAMERON E-52

API/UWI 300/E-52/6010-11715/0	Surface Legal Location 300/E-52/6010-11715	License # 2074	Field Name Cameron Hills	State/Province NT
Well Configuration Type Vertical	Original KB Elevation (m) 749.32	KB-Ground Distance (m) 5.16	KB-Casing Flange Distance (m) 4.80	KB-Tubing Head Distance (m)

Most Recent Job

Job Category Completion/Workover	Primary Job Type Completion	Secondary Job Type Acid Treatment	Start Date 4/3/2011	End Date 4/6/2011
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TD: 1,418.00

Vertical - Original Hole, 9/2/2011 1:28:05 PM

MD (mKB)	TVD (mKB)	Incl (°)	DLS	Vertical schematic (actual)
			DLS (° ... * — * —	
2.3	2.3	0.9		1-2; Tubing Hanger; 179.0; 73.0; 2.10-2.27; 0.17
5.1	5.1	0.9		
11.6	11.6	0.9		1-3; Tubing; 73.0; 62.0; 2.27-11.61; 9.34
15.8	15.8	0.9		1-4; Tubing (pup jts); 73.0; 62.0; 11.61-15.30; 3.69
366.3	366.3	0.8		1-5; space out nipples; 73.0; 15.30-15.81; 0.51
542.0	542.0	0.8		1-1; Casing Joints; 219.1; 201.2; 5.16-352.93; 347.77
794.0	793.9	1.0		1-2; Casing Joints; 219.1; 201.2; 352.93-366.30; 13.37
1,253.0	1,252.9	1.0		1-3; Float Shoe; 219.1; 201.2; 366.30-366.81; 0.51
1,290.0	1,289.9	0.9		2-1; Casing Joints; 139.7; 127.3; 5.12-1,249.66; 1,244.54
1,297.1	1,297.0	0.9		1-6; Tubing; 73.0; 62.0; 15.81-1,364.76; 1,348.95
1,347.4	1,347.3	0.6		2-2; Casing Pup Joint; 139.7; 127.3; 1,249.66-1,253.04; 3.38
1,363.0	1,362.9	0.5		2-3; Casing Pup Joint; 139.7; 127.3; 1,253.04-1,256.20; 3.16
1,366.0	1,365.9	0.6		2-4; Casing Joints; 139.7; 127.3; 1,256.20-1,293.93; 37.73
1,375.5	1,375.4	0.7		2-5; Casing Pup Joint; 139.7; 127.3; 1,293.93-1,297.09; 3.16
1,378.1	1,378.0	0.7		2-6; Casing Joints; 139.7; 127.3; 1,297.09-1,347.39; 50.30
1,381.0	1,380.9	0.7		1-7; Tubing; 73.0; 62.0; 1,364.76-1,365.98; 1.22
1,382.9	1,382.8	0.7		1-8; Tubing; 73.0; 62.0; 1,365.98-1,375.55; 9.57
1,383.7	1,383.6	0.7		2-7; Casing Joints; 139.7; 127.3; 1,347.39-1,397.69; 50.30
1,384.6	1,384.5	0.7		1-9; Tubing; 73.0; 62.0; 1,375.55-1,377.40; 1.85
1,386.1	1,386.0	0.8		1-10; On-Off Tool cw/ 58.75mm X profile; 73.0; 1,377.40-1,378.06; 0.66
1,388.1	1,388.0	0.8		1-11; Packer; 127.0; 73.0; 1,378.06-1,379.52; 1.46
1,388.5	1,388.4	0.8		1-12; Tubing; 73.0; 62.0; 1,379.52-1,382.57; 3.05
1,394.8	1,394.7	0.8		1-13; Nipple 58.75 XN; 73.0; 1,382.57-1,382.88; 0.31
1,397.7	1,397.6	0.9		1-14; Tubing; 73.0; 62.0; 1,382.88-1,383.51; 0.63
1,405.1	1,405.0	0.9		1-15; Kobe sub; 73.0; 1,383.51-1,383.66; 0.15
1,418.0	1,417.9	1.0		1-16; Tubing; 73.0; 62.0; 1,383.66-1,384.29; 0.63
1,421.0	1,420.9	1.0		1-17; TCP Gun Drop Sub; 73.0; 1,384.29-1,384.63; 0.34
				1-18; Tubing; 73.0; 62.0; 1,384.63-1,385.84; 1.21
				1-19; TCP Gun Fluid Isolation Sub; 73.0; 1,385.84-1,386.11; 0.27
				1-20; Tubing; 73.0; 62.0; 1,386.11-1,387.93; 1.82
				1-21; Collar; 73.0; 62.0; 1,387.93-1,388.06; 0.13
				1-22; TCP Gun Firing Head; 101.0; 0.0; 1,388.06-1,388.28; 0.22
				Perforated; 1,388.50-1,394.50; 4/4/2011
				1-23; TCP Gun Assembly; 101.0; 0.0; 1,388.28-1,394.83; 6.55
				2-9; Casing Joints; 139.7; 127.3; 1,397.69-1,405.07; 7.38
				2-10; Casing Joints; 139.7; 127.3; 1,405.07-1,417.56; 12.49
				2-11; Float Shoe; 139.7; 1,417.56-1,418.00; 0.44

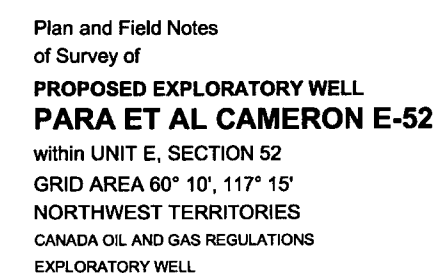


Diagram illustrating the orientation and dimensions of UNIT E-52 NAD'27.

The unit is shown in a perspective view, with a top view and a side view.

The top view shows the unit's footprint on the ground, with dimensions:

- North: 100.43 Calc.
- East: 337.64 Calc.

The side view shows the unit's profile, with dimensions:

- Height: 435.79
- Angle: 90° 19' 30"

The unit is labeled "UNIT E-52 NAD'27".

A scale bar at the bottom indicates a scale of 1:5000, with markings for 0, 50, 100, and 200 units.

LEGEND

<i>Monuments found (Border Monuments) shown thus</i>	●
<i>GLS 77 Posts shown thus</i>	◎
<i>Atlanta Statuary Iron Post found shown thus</i>	⊙
<i>Atlanta Statuary Iron Post planted shown thus</i>	○
<i>Iron Spikes planted shown thus</i>	△
<i>Calculated Position shown thus</i>	■
<i>Exploratory W/C Position shown thus</i>	✦
<i>Distances are in metres and decimals thereof.</i>	
<i>Portions referred to (Well Site and Access Road) bounded thus</i>	=====

UTM coordinates are computed for Zone 11, Central Meridian 117° W.
Bearings are UTM and were derived from differentially corrected GPS Observations,
and are referred to Meridian 117° W.

Measured distances shown are ground distances, reduced by Combined Scale Factor of 0.999493.
Distances on grid are subdivisions are UTM plane. (NAD27)

Elevations shown are orthometric elevations, based on elevation of Sta. K-19-1
and thus derived from published elevation of Border Monument # 263

All dimensions shown on body of plan are based on NAD 83 (Original) datum.

THIS SURVEY WAS EXECUTED BY THE
DATES OF OCTOBER 6TH TO OCTOBER 13TH, 2010
BY GREG BOGGS, C.L.S

CERTIFIED CORRECT

GA Boggs
GREG BOGGS
CANADA LANDS SURVEYOR

JAN 6, 2011
DATE



Surveyed for

PARAMOUNT RESOURCES LTD.

BRAD SCOTT
[Signature]

SCALE= 1:5000		UNIVERSAL JOB No.	10-1083
		UNIVERSAL PLAN No.	101083W01
DATE: NOV. 12, 2010		REVISION No.:	A