

CEMENT JOB REPORT



CUSTOMER NOBLE ENERGY INC - XML		DATE 29-AUG-13	F.R. # 10011010704	SERV. SUPV. FELIPE LANDA																																																									
LEASE & WELL NAME TREBOR B #11-19 - API 05123266590000		LOCATION 11-5N-64W		COUNTY-PARISH-BLOCK Weld Colorado																																																									
DISTRICT Brighton		DRILLING CONTRACTOR RIG # W/O		TYPE OF JOB Squeeze-Top																																																									
SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES MD TVD																																																								
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" rowspan="2">MATERIALS FURNISHED BY BJ</th> <th rowspan="2">LAB REPORT NO.</th> <th colspan="6">PHYSICAL SLURRY PROPERTIES</th> </tr> <tr> <th>SACKS OF CEMENT</th> <th>SLURRY WGT PPG</th> <th>SLURRY YLD FT³</th> <th>WATER GPS</th> <th>PUMP TIME HR:MIN</th> <th>Bbl SLURRY</th> <th>Bbl MIX WATER</th> </tr> </thead> <tbody> <tr> <td>Fresh Water</td> <td></td> <td>0</td> <td>0</td> <td>8.34</td> <td>0</td> <td>0</td> <td>03:30</td> <td>1.5</td> <td></td> </tr> <tr> <td>Fresh Water</td> <td></td> <td>0</td> <td>0</td> <td>8.3</td> <td>0</td> <td>0</td> <td>00:00</td> <td>5</td> <td></td> </tr> <tr> <td>Cement Slurry</td> <td></td> <td></td> <td>175</td> <td>15.8</td> <td>1.15</td> <td>5.00</td> <td></td> <td>35.8</td> <td>20.84</td> </tr> <tr> <td colspan="2">Available Mix Water 100 Bbl.</td> <td>Available Displ. Fluid 100 Bbl.</td> <td colspan="3">TOTAL</td> <td>42.3</td> <td>20.84</td> <td colspan="2"></td> </tr> </tbody> </table>						MATERIALS FURNISHED BY BJ		LAB REPORT NO.	PHYSICAL SLURRY PROPERTIES						SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER	Fresh Water		0	0	8.34	0	0	03:30	1.5		Fresh Water		0	0	8.3	0	0	00:00	5		Cement Slurry			175	15.8	1.15	5.00		35.8	20.84	Available Mix Water 100 Bbl.		Available Displ. Fluid 100 Bbl.	TOTAL			42.3	20.84		
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HOLE		TBG-CSG-D.P.				COLLAR DEPTHS																																																							
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE																																																	
10		1138	3.826	4.5	11.6	CSG	1138	1138	P-110																																																				
			1.278	1.25	3.02	TBG	1138	1138																																																					
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH			TOP CONN		WELL FLUID																																																		
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.																																																
8.1	8.63	24		415	415	no packer	0	0	0	1.66	8RD	WATER BASED	8.34																																																
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER																																																		
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator																																																			
1.5	BBLS	Fresh Water	8.34	0	0	0	5000	1300	0	0	TRANSPORT																																																		
Circulation Prior to Job																																																													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1			Circulation Rate: 2 BPM																																																				
Mud Density In: 8.34 LBS/G						Mud Density Out: 8.34 LBS/GAL			PV & YP Mud In:			PV & YP Mud Out:																																																	
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>						Units:			Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>																																																				
Displacement And Mud Removal																																																													
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>						Amount Bled Back After Job: 0 BBLS																																																							
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL						Method Used to Verify Returns: VISUAL																																																							
Cement Returns at Surface: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO						Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES																																																							
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE																																																													
Centralizers: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES						Quantity:			Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID																																																				
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input checked="" type="checkbox"/> NO MANIFOLD																																																													
Plugs																																																													
Number of Attempts by BJ: 1						Competition: 0			Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES Quantity:																																																				
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES						Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES																																																							
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES						Top of Plug: 687 FT			Bottom of Plug: 1138 FT																																																				
Squeezes (Update Original Treatment Report for Primary Job)																																																													
BLOCK SQUEEZE <input type="checkbox"/>						SHOE SQUEEZE <input type="checkbox"/>			TOP OF LINER SQUEEZE <input type="checkbox"/>			PLANNED <input type="checkbox"/> UNPLANNED <input checked="" type="checkbox"/>																																																	
Liner Packer: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES						Bond Log: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			PSI Applied: 0 Fluid Weight: 0 LBS/GAL																																																				
Casing Test (Update Original Treatment Report for Primary Job)																																																													
Casing Test Pressure: 0 PSI						With 0 LBS/GAL Mud			Time Held: 00 Hours 00 Minutes																																																				
Shoe Test (Update Original Treatment Report for Primary Job)																																																													
Depth Drilled out of Shoe: 0 FT						Target EMW: 0 LBS/GAL			Actual EMW: 0 LBS/GAL																																																				
Number of Times Tests Conducted: 0						Mud Weight When Test was Conducted: 0 LBS/GAL																																																							