

CEMENT JOB REPORT



CUSTOMER NOBLE ENERGY INC - XML		DATE 15-MAY-13	F.R. # 1001987770	SERV. SUPV. COLE W MARIOTT																																																																																	
LEASE & WELL NAME OCOMA UPRR #G35-5 - API 05123133720000		LOCATION 35-4N-65W		COUNTY-PARISH-BLOCK Weld Colorado																																																																																	
DISTRICT Brighton		DRILLING CONTRACTOR RIG # WO		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="7">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>0</td> <td>0</td> <td>8.34</td> <td>0</td> <td>0</td> <td></td> <td>6</td> <td></td> </tr> <tr> <td>Treated Water</td> <td>0</td> <td>0</td> <td>8.34</td> <td>0</td> <td>0</td> <td></td> <td>10</td> <td></td> </tr> <tr> <td>50:50:2</td> <td>0</td> <td>200</td> <td>13.5</td> <td>1.71</td> <td>3.70</td> <td></td> <td>61</td> <td>17.66</td> </tr> <tr> <td>FRESH WATER</td> <td>0</td> <td>0</td> <td>8.34</td> <td>0</td> <td>0</td> <td></td> <td>10</td> <td></td> </tr> <tr> <td>Class G</td> <td>0</td> <td>350</td> <td>15.8</td> <td>1.15</td> <td>5.00</td> <td></td> <td>71.56</td> <td>41.65</td> </tr> <tr> <td>FRESH WATER</td> <td>0</td> <td>0</td> <td>8.34</td> <td>0</td> <td>0</td> <td></td> <td>2</td> <td></td> </tr> <tr> <td colspan="2">Available Mix Water 300 Bbl.</td> <td colspan="2">Available Displ. Fluid 100 Bbl.</td> <td colspan="2">TOTAL</td> <td>160.56</td> <td>59.31</td> <td></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		6		Treated Water	0	0	8.34	0	0		10		50:50:2	0	200	13.5	1.71	3.70		61	17.66	FRESH WATER	0	0	8.34	0	0		10		Class G	0	350	15.8	1.15	5.00		71.56	41.65	FRESH WATER	0	0	8.34	0	0		2		Available Mix Water 300 Bbl.		Available Displ. Fluid 100 Bbl.		TOTAL		160.56	59.31	
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HOLE SIZE 8		TBG-CSG-D.P. 7253		COLLAR DEPTHS 650																																																																																	
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH																																																																																	
ID 8.1	OD 8.63	WGT 24	TYPE CSG	MD 415	TVD 415																																																																																
BRAND & TYPE No packer		DEPTH 0		TOP 0																																																																																	
BTM 0		SIZE 1.25		THREAD 8RD																																																																																	
WELL FLUID WATER BASED		WGT. 8.4																																																																																			
DISPL. VOLUME		DISPL. FLUID		CAL. PSI																																																																																	
VOLUME 1.5	UOM BBLS	TYPE FRESH WATER	WGT. 8.34	CAL. MAX PSI 0	OP. MAX 0																																																																																
MAX TBG PSI 6160		MAX CSG PSI 6500		MIX WATER 3500																																																																																	
Operator		Operator		Transports																																																																																	
Circulation Prior to Job																																																																																					
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		Circulation Time: 1		Circulation Rate: 1.5 BPM																																																																																	
Mud Density In: 8.34 LBS/G		Mud Density Out: 8.34 LBS/GAL		PV & YP Mud In: 0																																																																																	
PV & YP Mud Out: 0		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: 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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Were Returns Planned at Surface: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES																																																																																			
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input checked="" 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 type="checkbox"/> NO MANIFOLD																																																																																					
Plugs																																																																																					
Number of Attempts by BJ: 0		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: 0 FT		Bottom of Plug: 0 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"/>																																																																																	
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																																																																																	
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None																																																																																					

CEMENT JOB REPORT



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

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)
 None

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
 None

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)
 None

PRESSURE/RATE DETAIL

EXPLANATION

TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	6684 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
07:00	0	0	0	0	N/A	Arrive on location 27 miles	
07:20	0	0	0	0	N/A	Spot trucks rig waiting on water	
07:30	0	0	0	0	N/A	Pre rig up safety meeting	
08:45	0	0	0	0	N/A	Pre job safety meeting	
08:50	6684	0	0	0	H2O	Pressure test	
08:54	945	0	1	3	H2O	Injection test	
08:58	1633	0	1.5	10	H2O	Mud clean I	
09:32	1888	0	1.6	52	CMT	Batch up weigh and pump 200 sxs of 50):50: Poz (Fly Ash) Class G Cement with 2% Gel @ 13.5 PPG AS PER COMPANY MAN	
10:07	2016	0	1.6	1.5	H2O	Displacement	
10:10	0	0	0	0	N/A	Rig pulls tubing/ wash up pump	
11:00	230	0	1.3	6	H2O	Fresh water	
11:08	383	0	1.6	55	CMT	Batch up weigh and pump 350 sxs of Class G Cement @ 15. PPG	
11:51	332	0	1.3	1.5	H2O	Displacement	

BUMPED
PLUG
Y ☒ N

PSI TO
BUMP
PLUG

TEST
FLOAT
EQUIP.
Y ☒ N

BBL.CMT
RETURNS/
REVERSED
4

TOTAL
BBL.
PUMPED
126

PSI
LEFT ON
CSG
0

SPOT
TOP OUT
CEMENT
☒ Y ☐ N

Service Supervisor Signature: