

CEMENT JOB REPORT



CUSTOMER NOBLE ENERGY INC - XML		DATE 29-APR-15	F.R. # 10011152661	SERV. SUPV. FELIPE LANDA									
LEASE & WELL NAME BERNHARDT O #13-7 - API 05123201830000		LOCATION 13-4N-67W		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								
NONE				NONE	0 0 NONE 0 0								
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		N/A		0	8.34	0	0	00:00	1				
Cement Slurry		C04-071-15		900	15.8	1.15	4.99	05:12	184.01	106.89			
Fresh Water		N/A		0	8.4	0	0	00:00	10				
Available Mix Water 130 Bbl.		Available Displ. Fluid 130 Bbl.		TOTAL				195.01	106.89				
HOLE			TBG-CSG-D.P.				COLLAR DEPTHS						
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
13	0	504	8.097	8.625	24	CSG	404	404					
			4	4.5	11.6	CSG	1420	910					
			1.278	1.66	3.02	TBG	1420						
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	2.375	8 RND	WATER BASED	8.4
DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI		OP. MAX		MAX TBG PSI		MAX CSG PSI	
VOLUME	UOM	TYPE		WGT.	BUMP PLUG	TO REV.		SQ. PSI	RATED	Operator	RATED	Operator	MIX WATER
0.5	BBLS	Fresh Water		8.34	0	0		0	0	2000	0	0	TRANSPORT
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/GAL 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 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 checked="" type="checkbox"/> RECIPROICATION <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: 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"/>		PLANNED <input type="checkbox"/>		UNPLANNED <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													
PRESSURE/RATE DETAIL										EXPLANATION			

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	4887 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
08:20	0	0	0	0	N/A	ARRIVE ON LOCATION	
08:30	0	0	0	0	N/A	SPOT TRUCKS/PRE RIG UP SAFETY MEETING	
09:27	0	0	0	0	N/A	PRE JOB SAFETY MEETING	
09:53	0	0	0	0	N/A	LOAD LINE	
09:55	4887	0	0	0	H2O	PRESSURE TEST	
10:07	1703	0	1.9	85	CMT	430 SACKS OF CLASS "G" CEMENT + 0.01 gps FP-6L @ 15.8 PPG	
11:04	731	0	1.1	.5	H2O	DISPLACE (5 bbls cement to surface)	
12:00	0	0	0	0	NA	POST JOB RIG DOWN SAFTY MEETING	

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	Service Supervisor Signature:
Y <input checked="" type="checkbox"/> N	0	Y <input checked="" type="checkbox"/> N	5	86	0	Y <input checked="" type="checkbox"/> N	<i>[Signature]</i>