

CEMENT JOB REPORT



CUSTOMER NOBLE ENERGY INC - XML			DATE 17-JAN-14		F.R. # 10011039803		SERV. SUPV. AARON M MCWILLIAMS						
LEASE & WELL NAME LARSON #1 - API 05123129890000			LOCATION 32-6N-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		
None		No Shoe											
PHYSICAL SLURRY PROPERTIES													
MATERIALS FURNISHED BY BJ			LAB REPORT NO.		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER		
Fresh Water			0		0	8.34	0	0	00:00	1			
Fresh Water			0		0	8.3	0	0	00:00	10			
Cement Slurry			0		452	15.8	1.15	5.00	03:30	92.42	53.79		
Available Mix Water 150 Bbl.			Available Displ. Fluid 70 Bbl.			TOTAL			103.42	53.79			
HOLE			TBG-CSG-D.P.					COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
12	0	1210	3.92	4.5	13.5	CSG	6992	6992	P-110	0	0	0	
			1.278	1.66	3.02	TBG	1210	1210	N-80				
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	WGT.	
8.1	8.63	24	CSG	434	434	No packer	0	0	0	1.66	8RD	8.5	
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	BBLs	Fresh Water	8.34	0	0	0	9440	1500	2360	1500	Transport		
Circulation Prior to Job													
Circulated Well: Rig <input type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 0			Circulation Rate: 0 BPM				
Mud Density In: 8.5 LBS/GAL						Mud Density Out: 8.5 LBS/GAL			PV & YP Mud In: 0			PV & YP Mud Out: 0	
Gas Present: NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> Units: 0						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: Visually							
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"/> 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					
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							

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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

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: 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	3075 PSI
						CIRCULATING WELL - RIG <input type="checkbox"/> BJ <input type="checkbox"/>	
06:00	0	0	0	0	N/A	Yard call	
09:40	0	0	0	0	N/A	Leave yard	
10:35	0	0	0	0	N/A	Arrive on location 43 miles	
10:40	0	0	0	0	N/A	Spot trucks	
10:45	0	0	0	0	N/A	Pre rig up safety meeting	
11:15	0	0	0	0	N/A	Pre job safety meeting	
11:30	178	0	1	2	H2O	Load pumps and lines	
11:40	3075	0	0	0	H2O	Pressure test pumps and lines	
11:45	558	0	1.6	8	H2O	Fresh water pre flush	
11:55	761	0	1.6	93	CMT	Batch up and pump 452 sks of Class G 15.8 ppg 1.15 yield 5.0 gps	
13:20	101	0	1.6	1	H2O	Displacement	
13:23	0	0	0	0	N/A	Down / Wash up	
13:55	434	0	2	3	H2O	Clear tubing	
14:00	0	0	0	0	N/A	Down / Rig down safety meeting	

BUMPED PLUG Y <input checked="" type="checkbox"/> N	PSI TO BUMP PLUG 0	TEST FLOAT EQUIP. Y <input checked="" type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 107	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N	Service Supervisor Signature:
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