

CEMENT JOB REPORT



CUSTOMER GREAT WESTERN OIL & GAS		DATE 14-OCT-11	F.R. # 1001860456	SERV. SUPV. RYAN R STEVENS											
LEASE & WELL NAME LIND #20-24 - API 05123290320000		LOCATION 20-7N-66W		COUNTY-PARISH-BLOCK Weld Colorado											
DISTRICT Brighton		DRILLING CONTRACTOR RIG # CADE 22		TYPE OF JOB Long String											
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES											
BJ Cement Plug, Rubber, Top 4-1/2'		Float Collar, AI Flap, 4-1/2 - 8rd		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER					
		Float Shoe 4-1/2 - 8rd													
MATERIALS FURNISHED BY BJ															
ClayCare Water				0	8.34	0	0	00:00	20						
50:50+.3%CD32+.4%FL52+.1%SMS+20%SF				225	14.6	1.38	5.90	02:30	55.3	31.60					
ClayCare Water				0	8.34	0	0	00:00	117.7						
Mud Clean II				0	8.5	0	0	00:00	20						
ClayCare Water				0	8.34	0	0	00:00	20						
PL+.6%SMS+8#/skCSE2				285	11	3.22	19.86	03:30	163.44	134.92					
Claycare Water				0	0	0	0	00:00	0						
Available Mix Water 800 Bbl.		Available Displ. Fluid 400 Bbl.		TOTAL				396.44	166.53						
HOLE			TBG-CSG-D.P.				COLLAR DEPTHS								
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE					
7.875	0	7596	4.5	11.6	CSG	7588	N-80	7588	7573	0					
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID					
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE		TOP	BTM	SIZE	THREAD	TYPE	WGT.				
8.625	24	CSG	830	No Liner		0	0	4.5	8RD	WATER BASED MU	9.6				
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				
117.7	BBLs	ClayCare Water		8.34	1097	0	0	0	0	6224	3000	Rig Tank			
Circulation Prior to Job															
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 5 BPM							
Mud Density In: 9.3 LBS/GAL				Mud Density Out: 9.3 LBS/GAL				PV & YP Mud In: 50				PV & YP Mud Out: 50			
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: 1 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 checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE															
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 30				Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID							
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" 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"/>				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															

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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	4612 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
00:30	0	0	0	0	N/A	PRE RIG UP SAFETY MEETING	
01:15	0	0	0	0	N/A	PRE JOB SAFETY MEETING	
01:41	4612	0	0	0	WATER	PRESSURE TEST PUMPS AND LINES	
01:47	581	0	7.2	20	WATER	FRESH WATER SPACER + CLAY CARE	
01:47	707	0	7.2	20	WATER	MUD CLEAN I	
01:53	581	0	7.2	20	WATER	FRESH WATER SPACER+ CLAY CARE	
02:00	329	0	6.2	151	CEMENT	BATCH UP, WEIGH AND PUMP 285 SXS OF PLC + 4% BENTONITE + 6% SMS + 8 LBS/SACK CSE-2 @ 11.00 PPG	
02:26	77	0	3.7	48	CEMENT	BATCH UP, WEIGH AND PUMP 225 SXS OF 50/50 POZ/CLASS G CEMENT + 0.3% CD-32 + 0.4% FL-52 + 0.1% SMS +20% S-8 @ 14.6 PPG	
02:41	0	0	0	0	N/A	DROP PLUG, WASH PUMPS AND LINES	
02:53	102	0	7.2	40	WATER	START DISPLACEMENT FRESH WATER + CLAY CARE	
03:00	379	0	5.9	40	WATER	DROP RATE	
03:05	700	0	4.8	20	WATER	DROP RATE	
03:09	1075	0	3.6	17	WATER	DROP RATE	
03:13	2700	0	3.6	117.5	WATER	BUMP PLUG	
03:16	0	0	0	0	N/A	CHECK FLOATS	
03:17	0	0	0	0	N/A	PRE RIG DOWN SAFETY 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:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	2700	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	378	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	