

CEMENT JOB REPORT



CUSTOMER WHITING PETROLEUM CORP		DATE 20-JAN-13	F.R. # 1001960338	SERV. SUPV. COLE W MARRIOTT	
LEASE & WELL NAME RAZOR #22-2712H - API 05123362570000		LOCATION 22-10N-58W		COUNTY-PARISH-BLOCK Weld Colorado	
DISTRICT Brighton		DRILLING CONTRACTOR RIG # CADE 21		TYPE OF JOB Intermediate	
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS	MD TVD HANGER TYPES MD TVD
Cement Plug, Rubber, Top 7 in		Float Collar, Al Flap, 7 - 8rd			
		Float Shoe 7 - 8rd			
MATERIALS FURNISHED BY BJ		LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³
Ultra Flush II Spacer		0	0	10.5	0
(35:65) Poz:G+LW6+.1%R3+1.2%FL25+.5%SMS+5%C		0	316	10.5	2.64
Fresh Water		0	0	8.34	0
(35:65) Poz:G+LW6+1.2%FL25+.5%SMS+20%SS+5%C		0	111	10.5	3.12
Available Mix Water 800 Bbl.		Available Displ. Fluid 300 Bbl.	TOTAL		477.84 94.43
HOLE		TBG-CSG-D.P.		COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID OD	WGT.	TYPE
8.75	35	6150	6.184 7	29	CSG
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH	
ID OD WGT TYPE	MD TVD	BRAND & TYPE		DEPTH TOP BTM	SIZE THREAD TYPE WGT.
8.9 9.63 38 CSG	1000 1000	No packer		0 0 0	7 8RD WATER BASED 9.7
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	
VOLUME UOM	TYPE WGT.	BUMP PLUG TO REV.		OP. MAX MAX TBG PSI MAX CSG PSI	
226.5 BBLS	Fresh Water 8.34	253 0		0 0 8976 3000	
				MIX WATER Rig	
Circulation Prior to Job					
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 1		
Mud Density In: 9.7 LBS/GAL			Mud Density Out: 9.7 LBS/GAL		
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>			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: 2.1 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 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 type="checkbox"/> NO <input checked="" type="checkbox"/> YES			Quantity: 15		
			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		
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			Parabow Used: <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: 1587 PSI					
With 9.7 LBS/GAL Mud					
Time Held: 00 Hours 30 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	5012 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
17:04	0	0	0	0	N/A	Arrive on location 106 miles	
18:20	0	0	0	0	N/A	Spot trucks rig finishes casing, start circulating	
18:30	0	0	0	0	N/A	Pre rig up safety meeting	
11:00	0	0	0	0	N/A	Pre job safety meeting	
23:24	5012	0	0	0	N/A	Pressure test	
23:28	689	0	6	40	H2O	Ultra flush II spacer	
00:21	595	0	6.1	150	CMT	Batch up weigh and pump 316 sxs of 35:65: Poz (Fly Ash) Class G Cement + 0.06 lbs/sack Static Free + 0.1% bwoc R-3 + 46.46% bwoc LW-6 + 1.2% bwoc FL-25 + 0.5% bwoc Sodium Metasilicate + 5% bwoc CSE-2	
00:58	694	0	7	61	CMT	Batch up weigh and pump 111 sxs of 35:65: Poz (Fly Ash) Class G Cement + 0.06 lbs/sack Static Free + 0.1% bwoc R-3 + 54.44% bwoc LW-6 + 1.2% bwoc FL-25 + 0.5% bwoc Sodium Metasilicate + 20% bwoc Silica Sand 100 Mesh sacked + 5% bwoc CSE-2	
01:13	0	0	0	0	N/A	Drop plug	
01:21	1215	0	7	200	MUD	Displacement	
01:52	917	0	4.7	20	MUD	Slow rate	
01:58	817	0	3.6	6	MUD	Bump plug	
01:58	2630	0	0	0	MUD	Plug down	
02:06	1587	0	2.4	2.1	MUD	Casing test	
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	817	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	6	479.1	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

Chris Blodgett