

CEMENT JOB REPORT



CUSTOMER WHITING PETROLEUM CORP		DATE 13-JUN-14	F.R. # 10011075509		SERV. SUPV. Anthony J Staples									
LEASE & WELL NAME RAZOR #26L-3503A - API 05123379910000		LOCATION 26-10N-58W		COUNTY-PARISH-BLOCK Weld Colorado										
DISTRICT Brighton		DRILLING CONTRACTOR RIG # CADE 23		TYPE OF JOB Intermediate										
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD TVD HANGER TYPES MD TVD								
7" Top Cem Plug, Nitrile cvr, Phen		Float Shoe 7 - 8rd												
		Float Collar, Auto Fill, 7 - 8rd												
		Centralizer, with Pins, 7 in												
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES										
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³								
Ultra Flush II Spacer				0	10.5	0								
(35:65) + LW-6 + Adds		C06-042-14		317	10.5	2.64								
MUD				0	10	0								
(35:65) + LW-6 + Adds		C06-042-14		94	10.5	3.12								
Available Mix Water <u>200</u> Bbl.		Available Displ. Fluid <u>300</u> Bbl.		TOTAL		442.68 90.29								
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS								
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
8.75	33	6006	6.184	7	29	CSG	6006	6006	P-110	6006	5959	1		
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.
8.9	9.63	36	CSG	1527	1527	No Packer		0	0	0	7	8 RD	WATER BASED	10
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			
221.4	BBLS	MUD		10	155	0	0	0	0	8976	3000	frac tank		
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 4 BPM						
Mud Density In: 10 LBS/GAL				Mud Density Out: 10 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: 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"/> RECIPROICATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE														
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 49				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:				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: 1527 PSI				With 10 LBS/GAL Mud				Time Held: 00 Hours 15 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	5065 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
22:22	0	0	0	0	N/A	Arrive on Location 120 miles (Rig Running Casing)	
00:55	0	0	0	0	N/A	Spot Trucks	
01:00	0	0	0	0	N/A	Pre-Rig Safety Meeting	
01:55	0	0	0	0	N/A	Pre-Job Safety Meeting	
02:33	20	0	1	2	H2O	Load Lines	
02:37	5065	0	0	0	H2O	Pressure Test	
02:53	207	0	3.6	20	H2O	Ultra Flush II Spacer	
03:09	310	0	4.1	192	CMT	Batch, weigh, and Pump 10.5# 35:65 Poz (fly Ash) Class G + .06 lbs/sks Static Free + .1% R-3 + 46.46% LW-6 + 1.2% FL-25 + .5% SMS + .01 gps FP-6L + 5% CSE-2	
03:59	299	0	4	66	CMT	Pump 10.5# 35:65 Poz (fly Ash) Class G + .06 lbs/sks Static Free + 54.44% LW-6 + 1.2% FL-25 + .5% SMS + .01 gps FP-6L + 5% CSE-2	
04:18	0	0	0	0	N/A	Shut Down/wash tub	
04:24	0	0	0	0	H2O	Drop Plug	
04:24	398	0	5.6	120	MUD	Displacement	
04:44	630	0	4.1	90	MUD	Rate Change	
05:08	557	0	2.8	11	MUD	Rate Change	
05:11	649	0	0	0	H2O	Bumped Plug @ 221 Bbls	
05:15	0	0	0	0	N/A	Check Floats .75 Bbls Back	
05:18	1527	0	0	0	H2O	Casing Test (Problems Holding Pressure Closed 2" at back of Pump Pressure still fell When reopened 2" Pressure Increased Verifying pressure lose was at the pump not the Casing)	
05:37	0	0	0	0	H2O	Bleed off Pressure	
05:40	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	649	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	80	499	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

