

CEMENT JOB REPORT



CUSTOMER WHITING OIL & GAS CORP XM		DATE 16-APR-14		F.R. # 10011060614		SERV. SUPV. AARON M MCWILLIAMS	
LEASE & WELL NAME RAZOR #26L-3502B - API 05123379920000		LOCATION 26-10N-58W		COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton		DRILLING CONTRACTOR RIG # CADE 23		TYPE OF JOB Surface			
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD
Cement Plug, Rubber, Top 9-5/8 in		Guide Shoe, Cement Nose, 9-5/8 i					
		Float Collar, Auto Fill, 9-5/8 - 8rd					
		Centralizer, with Pins, 9-5/8 in					
		Cement Basket, Slip On, 9-5/8 in					
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES			
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS
Fresh Water		0		0	8.34	0	00:00
Type III + Adds		C04-052-14		719	14.5	1.40	02:42
Fresh water		0		0	8.34	0	00:00
Available Mix Water 500 Bbl.		Available Displ. Fluid 200 Bbl.		TOTAL		342.80	116.54
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD
13.5	35	1790	8.921	9.625	36	CSG	1771
						GRADE	SHOE
						J-55	1771
						TVD	STAGE
						1771	0
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN	
ID	OD	WGT	TYPE	MD	TVD	SIZE	THREAD
						9.625	8RD
		No packer		0		WATER BASED	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED
130	BBLS	Fresh water	8.34	511	0	0	0
						Operator	MAX CSG PSI
						2816	1000
						MIX WATER	
						Frac tank	
Circulation Prior to Job							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: .5			
Mud Density In: 9 LBS/GAL				Mud Density Out: 9 LBS/GAL			
Gas Present: NO <input type="checkbox"/> YES <input checked="" 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: .5 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 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 type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE							
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 12			
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD				Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID			
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: 1545 PSI				With 9 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 2414 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
02:30	0	0	0	0	N/A	Yard call	
05:20	0	0	0	0	N/A	Leave yard	
07:50	0	0	0	0	N/A	Arrive on location 125 miles	
08:00	0	0	0	0	N/A	Spot trucks	
08:10	0	0	0	0	N/A	Pre rig up safety meeting	
10:15	0	0	0	0	N/A	Pre job safety meeting	
10:45	24	0	2	2	H2O	Load pumps and lines	
10:48	2414	0	0	0	H2O	Pressure test pumps and lines	
10:52	142	0	4.8	20	H2O	Fresh water pre flush	
10:56	124	0	4.8	10	H2O	Dyed spacer	
11:04	251	0	5	180	CMT	Baych up and pump 719 sks of TYPE III + 0.08 lbs/sack Static Free + 1% Calcium + 0.25 lbs/sack Cello Flake 14.5 ppg 1.4 yield 6.81 gps	
11:54	0	0	0	0	N/A	Drop plug	
12:03	612	0	6	95	H2O	Displacement	
12:23	589	0	3.6	15	H2O	Displacement rate change	
12:28	585	0	2.4	20	H2O	Displacement rate change	
12:36	632	0	2.4	130	H2O	Bump plug	
12:36	780	0	0	0	N/A	Plug down @ 130 bbl's 35 bbl's of CMT back	
13:39	0	0	0	0	N/A	Check float Held	
12:42	1545	0	0	0	N/A	Casing test	
12:50	0	0	0	0	N/A	Bleed pressure off / 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	632	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	35	342	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	