

CEMENT JOB REPORT



CUSTOMER WHITING PETROLEUM CORP		DATE 09-MAY-14		F.R. # 10011066641		SERV. SUPV. ROBERT HORAN	
LEASE & WELL NAME RAZOR FEDERAL #26L-2303A - API 0512337989000		LOCATION 26-10N-58W		COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton		DRILLING CONTRACTOR RIG #		TYPE OF JOB Surface			
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD
Cement Plug, Rubber, Top 9-5/8 in		Float Collar, Auto Fill, 9-5/8 - 8rd		NONE		0	0
		Float Shoe 9-5/8 - 8rd					
		Cement Basket, Slip On, 9-5/8 in					
		Centralizer, with Pins, 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		N/A		0	8.34	0	0
Type III + Adds		C0502214		719	14.5	1.40	6.80
Fresh water		N/A		0	8.34	0	0
Available Mix Water 300 Bbl.		Available Displ. Fluid 500 Bbl.		TOTAL		307.37	116.37
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD
13.5	35	1537	8.921	9.625	36	CSG	1517
						GRADE	SHOE
						J-55	1517
						STAGE	0
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN	
ID	OD	WGT	TYPE	MD	TVD	SIZE	THREAD
						9.625	8RND
		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
111	BBLS	Fresh water	8.34	523	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: 1			
Mud Density In: 8.5 LBS/GAL				Mud Density Out: 8.5 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 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: 11			
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"/>			
Liner Packer: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				UNPLANNED <input type="checkbox"/>			
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: 1500 PSI				With 8.5 LBS/GAL Mud			
				Time Held: 00 Hours 15 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 4083 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
03:00	0	0	0	0	N/A	YARD CALL
05:30	0	0	0	0	N/A	SAFETY MEETING
06:00	0	0	0	0	N/A	LEAVE YARD
09:30	0	0	0	0	N/A	ARRIVE LOCATION (RIG PULLING DRILE PIPE)
15:10	0	0	0	0	N/A	STAGE TRUCKS
16:00	0	0	0	0	N/A	SAFETY MEETING
16:15	4083	0	0	1	H2O	PRESSURE TEST
16:25	0	0	0	15	H2O	SPACER
16:29	48	0	3.8	170	CMT	BATCH, WEIGH, PUMP 14.5 LB CMT
17:45	524	0	6	10	MUD	DISPLACEMENT
18:00	421	0	4.8	70	MUD	RATE CHANGE
18:09	532	0	2.4	100	MUD	RATE CHANGE
18:10	1296	0	2.4	111	MUD	BUMP PLUG
18:14	0	0	0	0	N/A	BLEED OFF, CHECK FLOATS
18:18	1503	0	1	2	MUD	PRESSURE TEST 1500/ 15 MIN
18:33	0	0	0	0	N/A	BLEED DOWN/ SAFETY MEETING
19:30	0	0	0	0	N/A	LEAVE LOCATION
22:00	0	0	0	0	N/A	BACK ON YARD

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	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	43	296	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

