

CEMENT JOB REPORT



CUSTOMER WHITING OIL & GAS CORP XM		DATE 20-JUL-14		F.R. # 10011083266		SERV. SUPV. FELIPE LANDA						
LEASE & WELL NAME RAZOR #25B-2551 - API 05123391180000		LOCATION 25-10N-58W		COUNTY-PARISH-BLOCK Weld Colorado								
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Cade 23		TYPE OF JOB Liner								
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD					
None		Float Collar, AI Flap, 4-1/2 - 8rd										
		Float Shoe 4-1/2 - 8rd										
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES								
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER		
				412	14.5	1.21	5.26		89.02	51.58		
					8.34				112.3			
					12				20			
				8.34			10					
Available Mix Water 400 Bbl.		Available Displ. Fluid 400 Bbl.		TOTAL		231.32	51.58					
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS						
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
6		10344	4	4.5	11.6	CSG	10225	5832		10225	10175	0
			3.34	4	14	DP	5126	5126				
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	WGT.
6.2	7	29		6180	5851	LINER	5126	0	0	4	8RD	9.4
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		
112.3	BBLS	Fresh Water	8.34	1674	0	0	0	0	10690	8552	RIG	
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: 9.4 LBS/GAL Mud Density Out: 9.4 LBS/GAL						PV & YP Mud In:			PV & YP Mud Out:			
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"/> RECIPROICATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE												
Centralizers: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES						Quantity:			Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID			
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input 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: 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)

BULK TRUCK TIRE WENT FLAT ON ROUTE TO LOCATION, BACK IN TIME TO SERVICE WHEN RIG BECAME READY.

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 type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	4489 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
13:45	0	0	0	0	NA	LEAVE YARD	
17:00	0	0	0	0	NA	ARRIVE LOCATION	
17:10	0	0	0	0	NA	SPOT TRUCKS	
17:15	0	0	0	0	NA	PRE-RIG UP AND SAFETY MEETING	
19:30	0	0	0	0	NA	RIG SAFETY MEETING	
19:53	0	0	0	2	H2O	LOAD LINES	
19:59	4487	0	0	0	H2O	PRESSURE TEST 4487 PSI	
20:05	1371	0	4.7	10	H2O	PUMP FRESH WATER SPACER	
20:08	873	0	3.5	20	H2O	BATCH AND PUMP BARITE SPACER 12 PPG	
20:19	0	0	0	0	H2O	BATCH UP CMT	
20:25	1222	0	4.6	80.6	CMT	PUMP CMT 50:50 POZ (FLY ASH): CLASS G + .15% BWOC R-3 + .2% BWOC FL-63 + .2% BWOC CD-32 + .6% BWOC FL-52 + .01 GPS FP-6L + 3% BWOC BENTONITE + .2% BWOC BA-59 + 52.2% FRESH WATER	
20:50	0	0	0	0	H2O	WASHUP PUMP TO PIT	
20:52	0	0	0	0	NA	DROP PLUG	
21:08	0	0	2.1	3	H2O	PUMP DOWN PLUG	
21:11	1495	0	4	102	KCL	DISPLACE TO BUMP PLUG WITH 2% KCL AT CUSTOMER'S REQUEST	
21:40	2144	0	2	7.2	KCL	BUMPED PLUG	
21:45	2140	0	0	0	NA	CHECK FLOATS AFTER BLEED OFF TO 900 PSI	
22:02	0	2543	.8	1	H2O	BACKSIDE TEST 2500 FOR 10 MINUTES	
22:12	0	2484	0	0	NA	END BACKSIDE TEST (PASSED)	
22:17	1671	0	7	170	H2O	ROLL HOLE	

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	2144	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	394	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

RAZOR 25B-2551 (C956)

