

CEMENT JOB REPORT



CUSTOMER WHITING OIL & GAS CORP XM			DATE 07-MAY-14		F.R. # 10011065495			SERV. SUPV. ERIC S DEWIT						
LEASE & WELL NAME RAZOR FEDERAL #26L-2304B - API 0512337987000			LOCATION 26-10N-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	HANGER TYPES		MD	TVD		
Dart For Plug Catcher, 4-1/2 In		Centralizer, with Pins, 4-1/2 in			Liner Packer		5057	5057	Liner		5057	5057		
		Float Collar, Auto Fill, 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
50:50 + Addis								723	14.5	1.21	5.26	07:49	156.28	90.63
Fresh Water								0	8.34	0	0	00:00	170.1	
Ultraflush II								0	12	3.77	24.34	00:00	20	17.26
Fresh Water								0	8.34	0	0	00:00	10	
Available Mix Water 500 Bbl.		Available Displ. Fluid 500 Bbl.		TOTAL		356.38		107.89						
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
6	15	12021	4	4.5	11.6	CSG	14021	7278	N-80	14011	13928	0		
			3.34	4	14	DP	5120	5120	S-135					
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.
6.2	7	29	CSG	6048	5687	Liner		0	0	0	2	8RND	WATER BASED	10.2
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			
170.1	BBLs	Fresh Water		8.34	607	0	0	0	0	6226	4000	Frac tank		
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 1			Circulation Rate: 3 BPM								
Mud Density In: 10.2 LBS/G			Mud Density Out: 10.2 LBS/GAL			PV & YP Mud In: 12			PV & YP Mud Out: 12					
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: 1.5 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: 90			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: 0			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)
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	5014 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
00:30	0	0	0	0	N/A	Leave yard	
02:54	0	0	0	0	N/A	Arrive on location (125 miles) Rig still running casing	
10:00	0	0	0	0	N/A	Spot trucks	
10:15	0	0	0	0	N/A	Pre rig up safety meeting	
11:51	0	0	0	0	N/A	Pre job safety meeting	
12:57	0	0	1	1	H2O	Load pumps and lines	
12:59	5014	0	0	0	H2O	Pressure test pumps and lines	
13:10	1462	0	4.2	10	H2O	Fresh water spacer	
13:18	984	0	2.2	20	H2O	Ultra flush spacer @12 ppg	
13:32	1462	0	4.2	153	CMT	Batch, pump, and weigh cement slurry @14.5 ppg	
14:20	0	0	0	0	N/A	Wash up, release dart	
14:29	1236	0	4.8	10	H2O	Displace first 10 bbls with sugar water	
14:31	1236	0	4	10	H2O	Drop rate, displace with KCL water	
14:34	581	0	2	14	H2O	Drop rate to pick up wiper plug	
14:42	3602	0	0	0	H2O	Pick up wiper plug	
14:43	1487	0	3.5	111	H2O	Finish displacement	
15:17	1286	0	2	24	H2O	Drop rate	
15:27	1764	0	0	0	H2O	Bump plug	
15:30	0	0	0	0	H2O	Check floats, floats held	
15:53	0	1513	0	0	H2O	Pressure test backside	
16:13	555	0	0	0	H2O	Sting out	
16:14	1084	0	5.5		H2O	Roll the 7" clean	
16:46	0	0	0	0	N/A	Shut down	
16:48	0	0	0	0	N/A	Pre rig down safety meeting	
18:00	0	0	0	0	N/A	Leave location	
20:45	0	0	0	0	N/A	Arrive back at the 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 type="checkbox"/> Y <input checked="" type="checkbox"/> N	1286	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	0	483	0	Y <input checked="" type="checkbox"/> N	

