

CEMENT JOB REPORT



CUSTOMER WHITING OIL & GAS CORP XM			DATE 24-JUN-15		F.R. # 10011162416			SERV. SUPV. ERIC S DEWIT						
LEASE & WELL NAME RAZOR FED #30K-1907 - API 05123402090000			LOCATION NESW Sec 30-10N-58W			COUNTY-PARISH-BLOCK Weld Colorado								
DISTRICT Brighton			DRILLING CONTRACTOR RIG # UNIT 406			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		Centralizer, with Pins, 7 in												
		Float Collar, Auto Fill, 7 - 8rd												
		Float Shoe 7 - 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		
Ultra Flush II Spacer						0	10.5	6.38	43.9		20	18.40		
20:80 (POZ:TYPE III) + Adds			C06-036-15			366	12.5	2.21	12.06	04:02	144.00	105.10		
Drilling Mud						0	8.34	0	0		227.58			
50:50 (POZ:CLASS G) + Adds			C06-036-15			223	13.8	1.47	6.79	04:24	58.35	36.08		
Fresh Water						0	8.34	0	0		10			
Available Mix Water 800 Bbl.			Available Displ. Fluid 400 Bbl.			TOTAL					459.93	159.57		
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
8.75	35	6205	6.184	7	29	CSG	6186	5804	P-110	6186	6139			
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	1602	1602	No Packer		0	0	0	7	8RMD	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			
228.1	BBLS	Drilling Mud		8.34	935	0	0	0	0	8676	4500	Rig Tank		
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 1			Circulation Rate: 6 BPM								
Mud Density In: 10 LBS/GAL			Mud Density Out: 10 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 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: 64			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: 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: 1521 PSI			With 10 LBS/GAL Mud			Time Held: 00 Hours 30 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	5804 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
17:05	0	0	0	0	N/A	Leave yard	
19:24	0	0	0	0	N/A	Arrive on location (100 miles) Rig has 2 joints plus the landing joint left to run	
19:27	0	0	0	0	N/A	Spot trucks on location	
19:35	0	0	0	0	N/A	Pre rig up safety meeting	
20:30	0	0	0	0	N/A	Done rigging up the ground waiting for rig to land the casing, and casing crew to rig down	
21:50	0	0	0	0	N/A	Pre job safety meeting	
22:08	0	0	0	0	N/A	Rig up head and manifold	
22:30	109	0	1	1.5	H2O	Load pumps and lines	
22:32	5804	0	0	0	H2O	Pressure test pumps and lines	
22:42	346	0	4.2	20	BAR	Batch, and pump weighted spacer @10.5 ppg	
22:52	428	0	5	10	H2O	Fresh water spacer	
22:58	64	0	0	0	CMT	Batch, and weigh lead slurry @12.5 ppg	
23:01	669	0	6.3	50	CMT	Pump 366 sacks of 20):80:Poz (Fly Ash):Type III Cement + 0.3% R-3 + 0.2% CD-32 + 15 lbs/sack CSE-2 + 0.6% FL-57 @12.5 ppg	
23:10	0	0	0	0	CMT	Shut down to fix a leak on the pump	
23:18	650	0	6.3	86	CMT	Contiue pumping lead	
23:36	178	0	4.4	58	CMT	Pump 223 Sacks of 50):50: Poz (Fly Ash):Class G Cement + 0.1% CD-32 + 0.2% ASA-301 + 0.2% SMS + 0.6% FL-66 + 10 lbs/sack CSE-2 @13.8 ppg	
23:55	0	0	0	0	N/A	Release plug	
00:04	1394	0	7.2	160	MUD	Send plug start displacement	
00:33	1256	0	5.2	60	MUD	Drop rate	
00:43	1136	0	3.2	8	MUD	Drop rate	
00:46	1957	0	0	0	MUD	Bump plug (About 15 bbls of cement to surface)	
00:50	0	0	0	0	MUD	Check floats (floats held)	
00:53	1521	0	.5	1	MUD	Start casing test	
01:23	0	0	0	0	MUD	End casing test	
01:30	0	0	0	0	N/A	Pre rig down safety meeting	
02:45	0	0	0	0	N/A	Leave location	

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	1136	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	15	454.5	0	Y <input checked="" type="checkbox"/> N	