

CEMENT JOB REPORT



CUSTOMER WHITING OIL & GAS CORP XM				DATE 16-FEB-14		F.R. # 10011046227		SERV. SUPV. STEVEN S ISCHE						
LEASE & WELL NAME RAZOR #26K-3508B - API 05123378760000				LOCATION 26-10N-58W				COUNTY-PARISH-BLOCK Weld Colorado						
DISTRICT Brighton				DRILLING CONTRACTOR RIG # Frontier 26				TYPE OF JOB Liner						
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD			
4-1/2" Top Cem Plug, Nitri cvr, Phen		Float Shoe 4-1/2 - 8rd		Liner Packer		4598	4598	Liner		4598	4598			
		Float Collar, Al Flap, 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 + Adds				N/A				589	14.5	1.21	5.26	06:27	130	75.39
Fresh Water				N/A				0	8.34	0	0	00:00	148	
Ultraflush II				N/A				0	12	0	0	00:00	20	
Fresh Water				N/A				0	8.34	0	0	00:00	10	
FRESH WATER				N/A				0	8.34	0	0	00:00	160	
Available Mix Water 500 Bbl.				Available Displ. Fluid 342 Bbl.				TOTAL				468	75.39	
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
6	15	12457	4	4.5	11.6	CSG	12415	4598	N-80	12409	12317	0		
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	5995	4598	LINER	4598	0	0	4	8 RD	WATER BASED	9	
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				
148	BBLS	Fresh Water	8.34	1350	0	0	0	0	6224	4000	FRAC TANK			
		FRESH WATER	8.34											
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1			Circulation Rate: 5 BPM					
Mud Density In: 9 LBS/GAL						Mud Density Out: 9 LBS/GAL			PV & YP Mud In: 11			PV & YP Mud Out: 11		
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"/> RECIPROCATION <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 checked="" 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: RUNNING DRILL PIPE														

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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 4400 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
09:30	0	0	0	0	N/A	LEAVE YARD	
12:15	0	0	0	0	N/A	ARRIVE ON LOCATION	
13:45	0	0	0	0	N/A	SPOT TRUCKS AND PRE RIG UP SAFTY MEETING	
18:30	0	0	0	0	N/A	SAFTY MEETING WITH CREW	
19:45	0	0	1	2	H2O	LOAD LINES	
19:50	4415	0	0	0	H2O	PRESSURE TEST	
19:56	784	0	2	10	H2O	FRESH WATER SPACER	
20:02	827	0	4.8	20	BARITE	12# BARITE	
21:12	327	0	3.6	130	CEMENT	BATCH UP, WHEIGH AND SEND 14.5#	
20:57	0	0	0	0	N/A	SHUT DOWN WASH UP AND DROP DART	
21:07	1027	0	3.9	105	KCL	DISPLACEMENT FIRST 10 BBLs 10# SUGAR	
21:37	1002	0	3.8	35	MUD	RATE CHANGE	
21:49	726	0	3	8	WATER B/	RATE CHANGE	
21:54	1350	0	0	0	N/A	BUMP PLUG	
21:59	0	0	0	0	N/A	TEST FLOATS	
22:12	0	1504	0	0	KCL	BACKSIDE TEST	
22:31	1056	0	6	160	KCL	STING OUT AND CLEAN THE HOLE	
23:10	0	0	0	0	N/A	SHUT DOWN AND RIG DOWN SAFTY MEETING	
00:30	0	0	0	0	N/A	LEAVE LOCATION	
BUMPED PLUG <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PSI TO BUMP PLUG 1350	TEST FLOAT EQUIP. <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 478	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N	Service Supervisor Signature:

