

CEMENT JOB REPORT



CUSTOMER WHITING OIL & GAS CORP XM		DATE 03-OCT-13	F.R. # 10011017020		SERV. SUPV. STEPHEN J CARDOS									
LEASE & WELL NAME RAZOR #271-2214B - API 05123379490000		LOCATION 27-10N-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				
NO PLUG (PROVIDED IN TOOL)		Centralizer, with Pins, 4-1/2 in		N/A		0	5765	CEMENT HANG	4995	5765				
		Float Shoe 4-1/2 - 8rd												
		Float Collar, Auto Fill, 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				
(50:50:2) + Addis				591	14.5	1.44	6.20	06:35	139.94	80.59				
Fresh Water		N/A		0	8.34	0	0	00:00	178.35					
Ultraflush II		N/A		0	12	0	0	00:00	20					
Fresh Water		N/A		0	8.34	0	0	00:00	10					
Available Mix Water 900 Bbl.		Available Displ. Fluid 400 Bbl.		TOTAL			348.28		80.59					
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
6	15	13105	4	4.5	11.6	CSG	11504	7278	N-80	13460	13411	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.
6.3	7	26	CSG	6300	5753	CEMENT RETAINER		4995	0	0	4	8RND	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			
162.6	BBLS	Fresh Water		8.34	1200	0	0	0	0	6224	4500	RIG TANK		
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 LBS/GAL				Mud Density Out: 9 LBS/GAL				PV & YP Mud In: 0		PV & YP Mud Out: 0				
Gas Present: NO <input type="checkbox"/> YES <input checked="" type="checkbox"/>				Units: 0				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 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 type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 0				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: 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)
POOR DIRECTIONS

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	5500 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
11:35	0	0	0	0	N/A	YARD CALL	
15:00	0	0	0	0	N/A	LEAVE YARD	
18:00	0	0	0	0	N/A	ARRIVE ON LOCATION(RUNNING IN 4.5 CASING THEN DRILL PIPE)	
19:00	0	0	0	0	N/A	SPOT TRUCKS	
19:30	0	0	0	0	N/A	PRE RIG UP SAFETY MEETING(STILL TRIPPING IN DRILL PIPE)	
23:00	0	0	0	0	N/A	SAFETY MEETING(CIRCULATE AN ADDITIONAL 20 MIN)	
23:20	0	0	0	0	N/A	BAKER TOOLS RIG UP THEIR CEMENT HEAD	
23:56	5823	0	0	0	H2O	PRESSURE TEST	
00:09	628	0	3.8	140	MUD	PUMP DOWN BALLS	
00:44	2101	0	.4	1	MUD	SEAT BALLS	
01:08	2906	0	0	0	MUD	BLOW SEAT	
01:12	0	0	0	0	MUD	OPEN TOOL	
01:19	1140	0	5.1	10	H2O	FRESH WATER SPACER	
01:25	1283	0	5.1	20	H2O	ULTRA FLUSH SPACER	
01:33	630	0	5	146	CMT	BATCH/WEIGH/PUMP 14.5 LB CEMENT	
02:07	0	0	0	0	H2O	DOWN/WASH UP	
02:19	530	0	2.8	2	H2O	SUGAR WATER	
02:21	0	0	0	0	H2O	RELEASE PLUG	
02:23	1377	0	4.1	150	H2O	DISPLACEMENT FIRST EIGHT SUGAR WATER/KCL WATER FOLLOWED	
03:03	877	0	2	162	H2O	DROP RATE	
03:10	1291	0	0	0	H2O	BUMP /TEST FLOATS	
03:14	3100	0	.6	2.5	H2O	PRESSURE UP ON DIAPHRAGM	
03:19	0	0	0	0	N/A	BLEED OFF / SET HANGER	
04:00	0	1482	1	2	H2O	TEST BACKSIDE (HELD 15 MIN 84 PSI LOSS)	
04:15	0	0	0	0	H2O	BLEED OFF PRESSURE	
04:25	1170	0	5.5	155	H2O	CIRCULATE WELL	
04:51	0	0	0	0	N/A	BLEED OFF / JOB DONE	

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	1291	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	27	662	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	