

CEMENT JOB REPORT



CUSTOMER WHITING OIL & GAS CORP XM		DATE 19-FEB-14	F.R. # 10011046750	SERV. SUPV. RYAN R STEVENS	
LEASE & WELL NAME RAZOR #11E-1404B - API 05123385320000		LOCATION 11-10N-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
Latch Down Plug & Assembly, 4-1/2	Float Collar, AI Flap, 4-1/2 - 8rd	Liner Packer	5220	5970	Liner 13500 5970
Dart For Plug Catcher, 4-1/2 In	Float Shoe 4-1/2 - 8rd				
MATERIALS FURNISHED BY BJ		LAB REPORT NO.	PHYSICAL SLURRY PROPERTIES		
			SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³
50:50 + Adds			720	14.5	1.21
Fresh Water			0	8.34	0
Ultraflush II			0	12	0
Fresh Water			0	8.34	0
Available Mix Water	500 Bbl.	Available Displ. Fluid	400 Bbl.	TOTAL	370.61 89.98
HOLE		TBG-CSG-D.P.			COLLAR DEPTHS
SIZE	% EXCESS	DEPTH	ID	OD	WGT.
6	0	13510	4	4.5	11.6
			2.25	4.75	CSG
			2.563	4	28
			3.34	4	14
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH	TOP CONN
ID	OD	WGT	TYPE	MD	TVD
6.3	7	26	CSG	6426	5970
BRAND & TYPE		DEPTH	TOP	BTM	SIZE
Baker hughes liner		13500	0	0	2
WELL FLUID		WGT.			
WATER BASED		9.6			
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
161	BBLS	Fresh Water	8.34	951	0
CAL. MAX PSI		OP. MAX		MAX TBG PSI	
0		0		0	
MAX CSG PSI		MAX TBG PSI		MIX WATER	
6420		3000		Rig tank	
Circulation Prior to Job					
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 1		
Mud Density In: 9.6 LBS/GAL			Mud Density Out: 9.6 LBS/GAL		
PV & YP Mud In: 6			PV & YP Mud Out: 6		
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 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: 0 PSI		With 0 LBS/GAL Mud		Time Held: 00 Hours 00 Minutes	

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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

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: 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	4000 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
17:00	0	0	0	0	N/A	Yard call	
19:54	0	0	0	0	N/A	Time left district	
22:19	0	0	0	0	N/A	Time arrived on location (117 Miles) Rig running Drill pipe	
22:45	0	0	0	0	N/A	Spotg trucks/ Pre rig up safety meeting	
05:35	0	0	0	0	N/A	Pre job safety meeting	
06:26	4515	0	0	0	WATER	Pressure test	
06:35	910	0	4.8	10	SPACER	Fresh water spacer	
06:39	876	0	4.8	20	SPACER	Ultra flush II	
06:48	500	0	3.1	148	CEMENT	Batch up, weigh and pump 720 SXS of 50/50 POZ/G + 0.25% R-3 + 0.2% FL-63 + 0.2% CD-32 + 0.6% FL-52 + 3% Bentonite + 0.2% BA-59 @ 14.5 PPG	
07:36	0	0	0	0	N/A	Shut down/wash up/ Drop dart	
07:46	78	0	4.8	30	WATER	Start displacment with KCL water	
08:01	932	0	2.4	0	WATER	Pick up plug	
08:02	1310	0	4.3	120	WATER	Increase rate to pick up plug	
08:25	710	0	2.3	10	WATER	Drop rate to bump plug	
08:29	1404	0	2.3	160	WATER	Bump plug	
08:32	0	0	0	0	WATER	Check floats	
08:40	0	0	0	0	N/A	Set packer	
08:54	0	2136	1.5	5	WATER	Test packer	
08:10	0	0	0	0	N/A	Bleed off back side	
09:20	411	0	2.4	146	WATER	Role 7"	
09:52	0	0	0	0	WATER	Shut down	
10:00	0	0	0	0	N/A	Pre rig down safety meeting	
11:00	0	0	0	0	N/A	Time off location	
BUMPED PLUG <input type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 1404	TEST FLOAT EQUIP. <input type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 484	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Service Supervisor Signature:



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