

CEMENT JOB REPORT



CUSTOMER WHITING OIL & GAS CORP XM		DATE 24-APR-16	F.R. # 10011196893	SERV. SUPV. ERIC S DEWIT	
LEASE & WELL NAME HORSETAIL FED #07F-0605 - API 05123417680000		LOCATION		COUNTY-PARISH-BLOCK Weld Colorado	
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Unit 406		TYPE OF JOB Long String	
SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES MD TVD
5-1/2" Top Cem Plug, Nitrile cvr, Phe	Centralizer, with Pins, 5-1/2 in				
	Float Collar, Auto Fill, 5-1/2 - Butt				
	Float Shoe 5-1/2 - Butt				
MATERIALS FURNISHED BY BJ		LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³
Ultra Flush HV Spacer System			0	11	
Fresh Water			0	8.34	0
Premium Lite High Strength RM + Adds		C04-013-16	674	13	1.90
(50:50) Poz:Class G Cement + Adds		C04-013-16	1,642	14	1.40
FW + CorrHib 132 + FC-1000 + FP-13L + Xcide 725			0	8.34	0
Available Mix Water 800 Bbl.		Available Displ. Fluid 300 Bbl.	TOTAL		995.56 403.88
HOLE		TBG-CSG-D.P.			COLLAR DEPTHS
SIZE	% EXCESS	DEPTH	ID	OD	WGT.
8.5	20	13487	4.778	5.5	20
LAST CASING		PKR-CMT RET-BR PL-LINER			PERF. DEPTH
ID	OD	WGT	TYPE	MD	TVD
8.9	9.63	36	CSG	2006	2025
BRAND & TYPE		No Packer			DEPTH
		0			TOP
		0			BTM
		0			SIZE
		5.5			THREAD
		BUTT			WELL FLUID
		WATER BASED			WGT.
		10.5			
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
298.1	BBLS	FW + CorrHib 132 +	8.34	1505	0
				SQ. PSI	RATED
				0	0
				MAX TBG PSI	Operator
				0	0
				MAX CSG PSI	Operator
				7352	3500
				MIX WATER	
				Rig tanks	
Circulation Prior to Job					
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		Circulation Time: 1.5		Circulation Rate: 5 BPM	
Mud Density In: 10.5 LBS/G		Mud Density Out: 10.5 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: 2.5 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 checked="" type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE					
Centralizers: <input type="checkbox"/> NO <input checked="" 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	
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Quantity:	
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 8.34 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 6060 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
17:00	0	0	0	0	N/A	Leave yard	
04:00	0	0	0	0	N/A	Arrive on location (rig running casing) 119 miles	
07:00	0	0	0	0	N/A	Spot trucks	
07:20	0	0	0	0	N/A	Pre rig up safety meeting	
08:20	0	0	0	0	N/A	Done rigging up waiting for rig to finish running casing	
10:30	0	0	0	0	N/A	Rig is done running casing, casing crew rigs down, rig is circulating	
12:14	0	0	0	0	N/A	Pre job safety meeting	
12:24	0	0	0	0	N/A	Stab cement head	
13:12	400	0	2	5	H2O	Load pumps and lines	
13:19	6060	0	0	0	H2O	Pressure test pumps and lines	
13:25	0	0	0	0	H2O	Bleed off pressure fix small leak on the pump	
13:27	5000	0	0	0	H2O	Pressure test pumps and lines	
13:37	551	0	3.6	50	BAR	Batch, weigh, and pump Ultra Flush II weighted spacer @11.0 ppg	
13:50	390	0	3.6	10	H2O	Fresh water spacer	
13:58	0	0	0	0	CMT	Batch, and weigh lead cement @13.0 ppg	
14:02	590	0	6.3	224	CMT	Pump 674 sacks of Premium Lite High Strength RM + 0.5% R-3 + 0.75% FL-63 + 0.2% ASA-301	
14:35	294	0	4.9	395	CMT	Pump 1642 sacks of (50:50):Poz Class G Cement + 1% FL-63 + 0.2% ASA-301 + 7 lbs/sack CSE-2 + 2% Bentonite	
15:35	383	0	5.5	275	CMT	Rig was no longer able to rotate casing	
16:05	0	0	0	0	N/A	Release plug, wash up pumps and lines	
16:18	231	0	7.2	0	H2O	Send plug start displacement, Fresh water + Corrhilb 132 + FC-1000 + Xcide 725	
16:45	1900	0	6	160	H2O	Drop rate	
17:03	1910	0	4.8	270	H2O	Drop rate	
17:06	1783	0	3.2	280	H2O	Drop rate	
17:11	1791	0	0	298	H2O	Bump plug (79 bbls of cement to surface)	
17:13	0	0	0	0	H2O	Check floats (floats held)	
17:17	1521	0	0	0	H2O	Start casing test	
17:47	0	0	0	0	H2O	End casing test	
17:50	0	0	0	0	N/A	Pre rig down safety meeting	
18:50	0	0	0	0	N/A	Leave location	
22:00	0	0	0	0	N/A	Arrive back at yard	
BUMPED PLUG <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 1791	TEST FLOAT EQUIP. <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 79	TOTAL BBL. PUMPED 1034	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Service Supervisor Signature:



Casing test



