

CEMENT JOB REPORT



CUSTOMER WHITING OIL & GAS CORP XM		DATE 24-MAR-16	F.R. # 10011195337	SERV. SUPV. JASON L SJOBERG											
LEASE & WELL NAME HORSETAIL #07F-1807 - API 05123417820000		LOCATION 7-10N-57W		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, Phc		Float Collar, Auto Fill, 5-1/2 - 8rd													
		Centralizer, with Pins, 5-1/2 in													
		Guide Shoe, Cement Nose, 5-1/2 i													
PHYSICAL SLURRY PROPERTIES															
MATERIALS FURNISHED BY BJ				LAB REPORT NO.		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER			
Ultra Flush HV Spacer System							11	5.18	34.93		50	45.07			
Fresh Water							8.34				10				
(50/50) Poz:Class G + Adds						150	13.2	1.65	8.12	05:30	44.19	29.00			
(50/50) Poz:Class G + Adds						2,090	13.2	1.66	8.14	05:56	617.9	405.51			
FW + CorrHib 132 + FC-1000 + FP-13L + Xcide 725							8.34				305				
Available Mix Water		900	Bbl.	Available Displ. Fluid		900	Bbl.	TOTAL		1027.09	479.59				
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS						
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE			
8.5	16	13927	4.778	5.5	20	CSG	13500	5760	P-110	13500	13451	1			
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	2015	2015	No Packer		0	0	0	5.5	BUTT	WATER BASED	10.6	
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			
305	BBLS	FW + CorrHib 132 +		8.34	1452	0		0	0	0	10112	4000	Tank		
Circulation Prior to Job															
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 2				Circulation Rate: 4 BPM							
Mud Density In: 10.6 LBS/G				Mud Density Out: 10.6 LBS/GAL				PV & YP Mud In:				PV & YP Mud Out:			
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: 3.5 BBLS											
Returns During Job: <input type="checkbox"/> NONE <input checked="" type="checkbox"/> PARTIAL <input 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"/> RECIPROCATION <input type="checkbox"/> NONE <input checked="" type="checkbox"/> UNABLE DUE TO STUCK PIPE															
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 131				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 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)
None

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
Lost circulation on displacement at 180 bbls. Ultraflush showed up at 90 bbls away, calculated cement back was 30 bbls.

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	5024 PSI	
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
21:00	0	0	0	0	N/A	Yard call		
23:20	0	0	0	0	N/A	Leave yard		
02:00	0	0	0	0	N/A	Arrive on location		
02:10	0	0	0	0	N/A	Spot truck/pre rig-up safety meeting		
04:30	0	0	0	0	N/A	Rig running casing		
12:00	0	0	0	0	N/A	Done with casing, continue rig-up		
12:15	0	0	0	0	N/A	Rig is trying to rotate down to bottom		
13:45	0	0	0	0	N/A	Plug is loaded, rig continue to rig down casers		
14:30	0	0	0	0	N/A	Safety meeting		
14:48	5024	0	0	0	H2O	Pressure test pump and lines		
14:57	719	0	6.3	50	H2O	Preflush Ultraflush HV		
15:07	635	0	6.4	10	H2O	Preflush fresh water		
15:10	867	0	5.4	43	CMT	Batch, weigh, pump 150 sks 13.2# 50:50:Poz G + .1% R-3 + .5% FL-63 + .2% CD-32 + .3% ASA-301 + .2% SMS + .5% FL52D + 10 lbs/sack CSE-2		
15:28	708	0	5.3	600	CMT	Pump 2090 sks 13.2# 50:50:Poz G + .1% R-3 + .3% BA-59 + .5% FL-63 + .2% CD-32 + .3% ASA-301 + .2% SMS + .5% FL52D + 10 lbs/sack CSE-2		
17:43	0	0	0	0	N/A	Washup		
17:54	2112	0	5.5	20	H2O	Drop plug and displace (first 10 bbls sugar water)		
17:58	1987	0	7.3	70	H2O	Increase rate		
18:08	2037	0	3.7	10	H2O	Drop rate for rig to swap returns to tank		
18:12	2782	0	6.3	15	H2O	Increase rate		
18:14	2486	0	4	45	H2O	Drop rate		
18:24	2688	0	5.1	35	H2O	Increase rate		
18:31	2436	0	4	30	H2O	Drop rate		
18:38	2286	0	2.5	25	H2O	Drop rate		
18:48	2368	0	3.5	48	H2O	Increase rate		
19:04	2198	0	0	298	H2O	Shut down at calculated displacement		
19:05	2410	0	2.75	7	H2O	Continue displacement per co man		
19:12	2469	0	2.75	305	H2O	Bump plug		
19:14	3098	0	0	0	N/A	Check floats		
19:17	0	0	0	0	N/A	Post job safety meeting		

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	2469	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	30	1008	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

