

CEMENT JOB REPORT



CUSTOMER WHITING OIL & GAS CORP XM		DATE 13-FEB-16	F.R. # 10011192856		SERV. SUPV. JASON L SJOBERG		
LEASE & WELL NAME HORSETAIL #07F-0608 - API 05123417700000		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		Guide Shoe, Cement Nose, 5-1/2 i					
		Float Collar, Auto Fill, 5-1/2 - 8rd					
		Centralizer, with Pins, 5-1/2 in					
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES			
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	
Ultra Flush HV Spacer System				54	11	5.18	
Fresh Water					8.34		
Premium Lite High Strength RM + Adds				674	13	1.90	
(50:50) Poz:Class G Cement + Adds				1,524	14	1.40	
FW + Dowicil 75 + FC-1000 + FP-13L					8.34		
Available Mix Water 900 Bbl.		Available Displ. Fluid 900 Bbl.		TOTAL		953.05 431.17	
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD TVD GRADE SHOE FLOAT STAGE
8.5	15	12702	4.778	5.5	20	CSG	12691 5825 P-110 12691 12644 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	1856	1856	No Packer	0 0 0 5.5 BUTT HT WATER BASED 10.3
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
285	BBLS	FW + Dowicil 75 + F	8.34	1535	0	0	0 0 10112 4000 Frac Tank
Circulation Prior to Job							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1		Circulation Rate: 9 BPM	
Mud Density In: 10.3 LBS/G Mud Density Out: 10.3 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 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 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: 125		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)
 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	X	CO. REP. X
	PIPE	ANNULUS				TEST LINES	5050 PSI	
						CIRCULATING WELL - RIG	X	BJ
04:00	0	0	0	0	N/A	Yard call		
06:20	0	0	0	0	N/A	Leave yard		
08:45	0	0	0	0	N/A	Arrive on location		
08:50	0	0	0	0	N/A	Spot trucks/pre rig-up safety meeting		
09:00	0	0	0	0	N/A	Rig running casing		
13:10	0	0	0	0	N/A	Safety meeting		
13:29	5050	0	0	0	H2O	Pressure test pump and lines		
13:36	420	0	4.7	50	H2O	Preflush ultraflush HV (rig started rotating after 20 bbls)		
13:48	251	0	3.7	10	H2O	Preflush fresh water + dye		
13:55	1055	0	7.1	130	CMT	Batch, weigh, pump 674 sks PLHS RM + .5% R-3 + .75% FL-63 + .2% ASA-301		
14:16	503	0	5.9	90	CMT	Drop rate		
14:46	553	0	4.8	365	CMT	Pump 1524 sks 50:50:Poz G + 1% FL-63 + .2% ASA-301 + 7 lbs/sack CSE-2 + 2% Bentonite		
16:31	0	0	0	0	N/A	Washup		
16:46	0	0	0	0	N/A	Drop plug		
16:47	854	0	7.4	95	H2O	Displacement fresh water + Dowicil 75 + FC-1000		
17:02	0	0	0	0	N/A	Shut down, rig reposition a pump that slipped out of place, shut bags, re-routed returns, stopped rotating		
17:05	1608	0	6.2	20	H2O	Continue displacement		
17:09	1960	0	7.4	145	H2O	Increase rate		
17:28	1759	0	5	10	H2O	Drop rate		
17:31	1633	0	3.6	11	H2O	Drop rate		
17:34	1359	0	0	281	N/A	Shut down at 281 bbls away		
17:34	1658	0	3.6	4	H2O	Continue displacement per co man		
17:35	1380	0	0	285	N/A	Shut down at 285 bbls away		
17:36	1679	0	3.6	.25	H2O	Continue displacement per co man		
17:36	1836	0	3.6	285.25	H2O	Bump plug		
17:45	2814	0	0	0	N/A	Check floats		
17:50	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:	
Y N	1836	Y N	0	930	0	Y N		



Baker Hughes JobMaster Program Version 4.02

Job Number: 1001192856

Customer: Whiting

Well Name: Horsetail 07F-0608

