

CEMENT JOB REPORT



CUSTOMER WHITING OIL & GAS CORP XM			DATE 12-APR-15		F.R. # 10011149003			SERV. SUPV. Zachary Fagg					
LEASE & WELL NAME HORSETAIL #08D-1704 - API 05123410240000			LOCATION 8-10N-57W			COUNTY-PARISH-BLOCK Weld Colorado							
DISTRICT Brighton			DRILLING CONTRACTOR RIG # UNIT 406			TYPE OF JOB Surface							
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE			MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD	
9-5/8" Top Cem Plug, Nitrile cvr, Ph		Centralizer, with Fins, 9-5/8 in			NONE		0	0	Casing		1606	1606	
		Float Collar, Auto Fill, 9-5/8 - 8rd											
		Float Shoe 9-5/8 - 8rd											
MATERIALS FURNISHED BY BJ			LAB REPORT NO.			PHYSICAL SLURRY PROPERTIES							
						SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER	
Fresh Water						0	8.34	0	0	00:00	15		
Type III Cement + Adds			C0402515			778	14.5	1.40	6.81	01:54	194.23	126.10	
Fresh Water						0	8.34	0	0	00:00	123.70		
Available Mix Water 500 Bbl.			Available Displ. Fluid 500 Bbl.			TOTAL			332.93		126.10		
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
13.5	25	1640	8.921	9.625	36	CSG	1640	1640	J-55	1649	1606	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.
19.	20	94	ANNULUS	80	80	NO PACKER	0	0	0	9.625	8 RND	WATER BASED	8.4
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		
123	BBLS	Fresh Water		8.34	1308	0	0	0	0	2816	1511	RIG (UPRIGHT)	
Circulation Prior to Job													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: .5				Circulation Rate: 4 BPM					
Mud Density In: 8.4 LBS/GAL				Mud Density Out: 8.4 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: .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 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: 13				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: 1511 PSI				With 8.4 LBS/GAL Mud				Time Held: 00 Hours 15 Minutes					
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE													
PRESSURE/RATE DETAIL						EXPLANATION							

CEMENT JOB REPORT



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	4214 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
12:23	0	0	0	0	N/A	LEFT DISTRICT	
14:40	0	0	0	0	N/A	ARRIVE ON LOCATION (118 MILES) RTS 1500	
14:55	0	0	0	0	N/A	SPOT TRUCKS	
15:10	0	0	0	0	N/A	PRE RIG UP SAFETY MEETING	
16:30	0	0	0	0	N/A	NPT (RIG RUNNING CASING)	
22:50	0	0	0	0	N/A	SAFETY MEETING	
23:24	25	0	1.5	2	H2O	LOAD LINES	
23:28	1645	0	0	0	H2O	LOW PRESSURE TEST	
23:33	5627	0	0	0	H2O	HIGH PRESSURE TEST 1ST ATTEMPT	
23:40	4214	0	0	0	H2O	HIGH PRESSURE TEST 2ND ATTEMPT (GOOD)	
23:43	155	0	4.7	15	H2O	SPACER	
23:53	386	0	4.8	190	CMT	BATCH, WEIGH AND PUMP 14.5# SLURRY (778 SX)	
00:50	0	0	0	0	N/A	SHUT DOWN, DROP PLUG AND WASH UP	
00:57	155	0	4.8	114	MUD	DISPLACEMENT	
01:18	974	0	2	123	MUD	SLOW RATE	
01:23	1311	0	0	0	MUD	BUMP PLUG (15 BBLS BACK TO SURFACE)	
01:24	1517	0	0	0	N/A	CASING TEST 15 MIN	
01:39	0	0	0	0	N/A	CHECK FLOATS (GOOD)	
01:41	0	0	0	0	N/A	RIG DOWN SAFETY MEETING	
03:00	0	0	0	0	N/A	LEAVE LOCATION	
05:45	0	0	0	0	N/A	ARRIVE BACK AT DISTRICT	

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	1311	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	15	330	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

