

CEMENT JOB REPORT



CUSTOMER WHITING OIL & GAS CORP XM			DATE 08-MAR-16		F.R. # 10011194437			SERV. SUPV. ERIC S DEWIT						
LEASE & WELL NAME HORSETAIL #07F-1808 - API 05123417790000			LOCATION 7-10N-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, Phe		Centralizer, with Pins, 9-5/8 in												
		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 FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER		
Fresh Water						0	8.34	0	0		20			
Type III Cement + Adds				C03-006-16		880	14.5	1.39	6.78	02:22	217.52	141.50		
Fresh Water						0	8.34	0	0		147.66			
Available Mix Water 200 Bbl.			Available Displ. Fluid 200 Bbl.			TOTAL			385.19 141.50					
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
13.5	25	2036	8.921	9.625	36	CSG	2026	2026	J-55	2026	1983			
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.
15.	16	65	CSG	80	80	No Packer		0	0	0	9.625	8RND		
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			
153.3	BBLS	Fresh Water		8.34	637	0	0	0	0	2600	1500	Rig Tanks		
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: .5			Circulation Rate: 5 BPM								
Mud Density In: 8.4 LBS/GAL			Mud Density Out: 8.4 LBS/GAL			PV & YP Mud In: 0			PV & YP Mud Out: 0					
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: 1.5 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: 14			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: 1538 PSI			With 8.34 LBS/GAL Mud			Time Held: 00 Hours 30 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	3026 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
09:45	0	0	0	0	N/A	Leave yard	
11:46	0	0	0	0	N/A	Arrive on location (105 Miles) Rig is starting to run casing	
12:00	0	0	0	0	N/A	Spot trucks	
12:10	0	0	0	0	N/A	Pre rig up safety meeting	
13:00	0	0	0	0	N/A	Done rigging up waiting on rig to finish running casing	
14:15	0	0	0	0	N/A	Rig done running casing, rig up head and manifold	
14:45	0	0	0	0	N/A	Pre job safety meeting	
14:57	0	0	1.8	2	H2O	Load pumps and lines	
14:59	3026	0	0	0	H2O	Pressure test pumps and lines	
15:01	0	0	4.8	7	H2O	Fresh water + Dye spacer	
15:04	0	0	0	0	H2O	Shut down rig did not have a valve closed	
15:09	381	0	6	20	H2O	Fresh water spacer + Dye	
15:14	0	0	0	0	CMT	Batch and weigh cement @14.5 ppg	
15:19	355	0	4.8	217	CMT	Pump 880 sacks of Type III Cement + 0.08 lbs/sack Static Free + 0.25% Calcium Chloride + 0.25 lbs/sack Cello Flake	
16:20	0	0	0	0	N/A	Shut down release plug	
16:23	78	0	7.2	0	MUD	Send plug start displacement	
16:33	518	0	4.8	70	MUD	Drop rate (started getting cement back, rig had to swap to a ctach tank)	
16:37	686	0	6.1	90	MUD	Increase rate	
16:45	718	0	4.9	130	MUD	Drop rate	
16:47	704	0	0	145	H2O	Drop rate	
16:51	1480	0	0	153	H2O	Bump plug (83 bbls of cement back to surface)	
16:51	1538	0	0	0	H2O	Start casing test (ending pressure 1519)	
17:21	0	0	0	0	H2O	Check floats (floats held)	
17:25	0	0	0	0	N/A	Pre rig down safety meeting	
18:25	0	0	0	0	N/A	Leave location	
21:45	0	0	0	0	N/A	Arrive back at the yard	

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	836	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	83	397	0	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	



