

CEMENT JOB REPORT



CUSTOMER WHITING OIL & GAS CORP XM			DATE 04-JUN-16		F.R. # 10011199629			SERV. SUPV. ERIC S DEWIT						
LEASE & WELL NAME HORSETAIL #07H-0615 - API 05123430430000			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.		PHYSICAL SLURRY PROPERTIES								
						SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER		
Ultra Flush HV Spacer System							11				50			
Premium Lite High Strength RM						100	11.5	2.81	16.50		49.96	39.28		
Premium Lite High Strength RM + Adds						700	13	1.90	9.74	08:34	237.14	162.41		
(50:50) Poz:Class G Cement + Adds						1,610	14	1.40	6.33	05:15	401.31	242.70		
FW + FC1000 + X-cide 725 + Corrhob 132 + FP-13L							8.34				299.17			
Available Mix Water 700 Bbl.			Available Displ. Fluid 300 Bbl.			TOTAL			1037.59 444.39					
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
8.5	15	13510	4.778	5.5	20	CSG	13500	5840	N-80	13500	13453	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	2050	2050	No Packer		0	0	0	5.5	BUTT	WATER BASED	10.5
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			
298.3	BBLS	FW + FC1000 + X-cid		8.34	1524	0	0	0	0	7352	5500	Rig Tanks		
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			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 type="checkbox"/>			Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL			Amount Bled Back After Job: 2 BBLS			Method Used to Verify Returns: Visual					
Cement Returns at Surface: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			Pipe Movement: <input checked="" type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROICATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE			Were Returns Planned at Surface: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES			Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES					
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD			Quantity: 156			Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID								
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 <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	5011 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
03:00	0	0	0	0	N/A	Leave yard	
08:45	0	0	0	0	N/A	Arrive on location	
09:00	0	0	0	0	N/A	Spot trucks	
09:05	0	0	0	0	N/A	Pre rig up safety meeting	
11:20	0	0	0	0	N/A	Rig circulating	
12:20	0	0	0	0	N/A	Pre job safety meeting	
12:54	386	0	4	4	H2O	Load pumps and lines	
12:56	0	0	0	0	N/A	Fix leak on our iron	
13:03	571	0	4	4	H2O	Load pumps and lines	
13:05	5011	0	0	0	H2O	Pressure test pumps and lines	
13:11	647	0	6	20	H2O	Pump 20 bbls of fresh water + Saw Dust ahead	
13:19	836	0	6.3	53	BAR	Batch, and pump weighted spacer @11 ppg	
13:33	895	0	6	49	CMT	Batch, weigh, and pump 100 sacks of scavenger slurry @11.5 ppg	
13:49	883	0	10.3	238	CMT	Batch, weigh, and pump 700 sacks of lead slurry @13 ppg	
14:23	403	0	9.6	400	CMT	Pump 1610 sacks of tail slurry @14 ppg	
15:24	0	0	0	0	N/A	Release plug	
15:28	63	0	7.2	0	H2O	Send plug start Fresh water displacement + Sugar	
15:30	1412	0	14.4	10	H2O	Increase rate	
15:37	2307	0	13	100	H2O	Drop rate	
15:42	840	0	0	150	H2O	Shut down so rig could swap to a catch tank	
15:43	1990	0	7.2	150	H2O	Resume pumping	
15:54	1130	0	0	228	H2O	Shut down so rig could swap to a different catch tank	
15:55	1989	0	7.2	228	H2O	Resume pumping	
16:02	2021	0	4.8	270	H2O	Drop rate not getting enough water	
16:05	1304	0	0	290	H2O	Shut down to switch to a different water tank	
16:12	1974	0	6	295	H2O	Resume pumping	
16:14	1980	0	0	296	H2O	Drop rate	
16:14	2416	0	0	297	H2O	Bump plug (100 bbls of cement to surface)	
16:17	0	0	0	0	H2O	Check floats (floats held)	
16:25	0	0	0	0	N/A	Pre rig down safety meeting	
17:30	0	0	0	0	N/A	Leave location	
20:00	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	1980	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	100	1065	0	Y <input checked="" type="checkbox"/> N	

