

CEMENT JOB REPORT



CUSTOMER WHITING OIL & GAS CORP XM		DATE 31-MAR-16	F.R. # 10011195673		SERV. SUPV. VITALIJS A NEVERDASOV									
LEASE & WELL NAME HORSETAIL #07F-1839 - API 05123417710000		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, Phe	Float Shoe 5-1/2 - 8rd	NONE	0	0	NONE	0 0								
	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	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER					
Ultra Flush HV Spacer System	n/a		0	11	0	0	00:00	50						
Fresh Water	n/a		0	8.34	0	0	00:00	10						
(50/50) Poz:Class G + Adds	C03-030-16		150	13.2	1.65	8.12	05:04	44.19	29.00					
(50/50) Poz:Class G + Adds	C03-030-16		2,112	13.2	1.66	8.14	04:53	624.4	409.77					
FW + CorrHib 132 + FC-1000 + FP-13L + Xcide 725	N/A		0	8.34	0	0	00:00	312.1						
Available Mix Water 1400 Bbl.		Available Displ. Fluid 400 Bbl.		TOTAL		1040.69		438.78						
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS								
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
8.5	25	14215	4.778	5.5	20	CSG	14119	5964	P-110	14119	14070	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	2014	2014	NO PACKER			0	0	5.5	XO	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			
312	BBLS	FW + CorrHib 132 +		8.34	1454	0	0	0	0	10112	3500	RIG TANK		
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1				Circulation Rate: 5 BPM				
Mud Density In: 10.5 LBS/G Mud Density Out: 10.5 LBS/GAL						PV & YP Mud In: 13				PV & YP Mud Out: 13				
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: 2.5 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"/> RECIPROCATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE														
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES						Quantity: 150				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: 0 PSI						With 0 LBS/GAL Mud		Time Held: 00 Hours 00 Minutes						
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE														

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 5228 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
17:00	0	0	0	0	N/A	YARD CALL
17:31	0	0	0	0	N/A	LEAVE DISTRICT
19:39	0	0	0	0	N/A	ARRIVE ON LOCATION, 106 MILES/ RIG IS RUNNING CASING
21:03	0	0	0	0	N/A	SPOT TRUCKS
22:00	0	0	0	0	N/A	RIG IS STILL RUNNING CASING/ CEMENT CREW FINISHED RIGGING UP/ ON STAND BY
03:21	0	0	0	0	N/A	CASING IS LANDED
04:29	0	0	0	0	N/A	PRE JOB SAFETY MEETING
06:35	5228	0	.8	.1	H2O	PRESSURE TEST
06:46	572	0	3.6	45	H2O	ULTRA FLUSH SPACER @ 11 PPG
06:56	496	0	3.6	10	H2O	FRESH WATER
07:08	582	0	4.2	43	CMT	BATCH/ WEIGH/ PUMP 150 SX OF LEAD CEMENT @ 13.2 PPG
07:22	785	0	7.2	620	CMT	PUMP 2112 SX OF TAIL CEMENT @ 13.2 PPG
09:20	0	0	0	0	H2O	SHUT DOWN/ WASH PUMPS AND LINES/ DROP PLUG
09:31	2824	0	7.2	180	H2O	PER CUSTOMER ONLY USE FOR DISPLACEMENT KCL WATER + CORRIBB 132 + FP 13L
09:59	2579	0	6	110	H2O	SLOW RATE
10:20	2412	0	2.4	22	H2O	SLOW RATE
10:36	3025	0	0	312	H2O	BUMP PLUG
10:40	0	0	0	0	N/A	CHECK FLOATS/ DID NOT HOLD
10:42	3011	0	1.5	2.5	H2O	RE BUMP PLUG
10:44	0	0	0	0	N/A	CHECK FLOATS/ FLOATS HELD
10:47	0	0	0	0	N/A	RIG DOWN 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	2412	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	72	1030	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

