

CEMENT JOB REPORT



CUSTOMER WHITING PETROLEUM CORP		DATE 30-AUG-12		F.R. # 1001931601		SERV. SUPV. COLE W MARRIOTT	
LEASE & WELL NAME WILDHORSE #02-0214H - API 05123355000000		LOCATION 2-9N-59W		COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton		DRILLING CONTRACTOR RIG # CADE 21		TYPE OF JOB Long String			
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD TVD HANGER TYPES MD TVD	
Cement Plug, Rubber, Top 7 in		Float Collar, Auto Fill, 7 - 8rd					
		Float Shoe 7 - 8rd					
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		SACKS OF CEMENT		SLURRY WGT PPG	
Fresh Water		0		0		8.34	
Mud Clean I		0		0		8.34	
Fresh Water		0		0		8.34	
(35:65) Poz:G+LW6+.1%R3+1%FL25+.5%SMS+5%C		0		367		10.5	
Fresh Water		0		0		8.34	
(35:65) Poz:G+LW6+1%FL25+.5%SMS+20%SS+5%C		0		128		10.5	
Available Mix Water 1000 Bbl.		Available Displ. Fluid 400 Bbl.		TOTAL		541.79 109.36	
HOLE		TBG-CSG-D.P.		COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD TVD GRADE
8.75	40	6620	6.184	7	29	CSG	6607 6138 P-110
						SHOE 6607	
						FLOAT 6558	
						STAGE 0	
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN	
ID	OD	WGT.	TYPE	MD	TVD	BRAND & TYPE	DEPTH
8.9	9.63	36	CSG	1500	1500	No Packer	0
						TOP 0	
						BTM 0	
						SIZE 7	
						THREAD 8RD	
						WELL FLUID WATER BASED	
						WGT. 9.3	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED
243.6	BBLS	Fresh Water	8.34	1087	0	0	0
						Operator 6528	
						Operator 3000	
						Rig	
Circulation Prior to Job							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1			
Mud Density In: 9.3 LBS/GAL				Mud Density Out: 9.3 LBS/GAL			
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: 2.8 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 type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE				Quantity:			
Centralizers: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				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 type="checkbox"/> NO MANIFOLD							
Plugs							
Number of Attempts by BJ: 0				Competition: 0			
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Parabow Used: <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: 1556 PSI				With 8.34 LBS/GAL Mud			
				Time Held: 00 Hours 10 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	4158 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ
06:45	0	0	0	0	N/A	Arrive on location 95 miles	
08:45	0	0	0	0	N/A	Spot trucks rig circulating	
09:00	0	0	0	0	N/A	Pre rig up safety meeting	
10:30	0	0	0	0	N/A	Pre job safety meeting	
10:46	4158	0	0	0	H2O	Pressure test	
10:50	495	0	6	20	H2O	Fresh water	
10:54	535	0	6	20	H2O	Mud clean I	
10:58	612	0	6	20	H2O	Fresh water	
11:06	244	0	5	174	CMT	Batch up weigh and pump 367 sxs of 35):65:Poz (Fly Ash) Class G Cement + 0.06% lbs/sack Static Free + 0.1% R-3 + 46.46% LW-6 + 1% FL-25+ 0.5% Sodium Metasilicate + 5% CSE-2	
11:41	229	0	5	75	CMT	Batch up weigh and pump 128 sxs of 35):65:Poz (Fly Ash) Class G Cement + 0.06% lbs/sack Static Free + 54.44% LW-6 + 1% FL-25+ 0.5% Sodium Metasilicate + 20% Silica Sand + 5% CSE-2	
11:58	0	0	0	0	N/A	Drop plug	
12:03	1148	0	7.2	220	MUD	Displacement	
12:33	944	0	6	10	MUD	Slow rate	
12:35	816	0	3.6	13	MUD	Bump plug	
12:40	2576	0	0	0	N/A	Plug down	
12:45	1556	0	1	0	H2O	Casing test	
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	816	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	552	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	