

CEMENT JOB REPORT



CUSTOMER WHITING PETROLEUM CORP		DATE 01-AUG-13	F.R. # 10011004733	SERV. SUPV. COLE W MARRIOTT	
LEASE & WELL NAME WILDHORSE #18-1834H - API 05123361230000		LOCATION 18-9N-59W		COUNTY-PARISH-BLOCK Weld Colorado	
DISTRICT Brighton		DRILLING CONTRACTOR RIG # CADE 21		TYPE OF JOB Intermediate	
SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS		MD	TVD
Cement Plug, Rubber, Top 7 in	Float Collar, Dif Fill, 7 - 8rd				
	Float Shoe 7 - 8rd				
PHYSICAL SLURRY PROPERTIES					
MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS
Ultra Flush II Spacer	0	0	10.5	0	0
(35:65) Poz:G+LW6+.1%R3+1.2%FL25+.5%SMS+5%I	0	359	10.5	2.64	8.86
Fresh Water	0	0	8.34	0	0
(35:65) Poz:G+LW6+1.2%FL25+.5%SMS+20%SS+5%	0	100	10.5	3.12	10.49
Available Mix Water 900 Bbl.	Available Displ. Fluid 400 Bbl.	TOTAL		507.58	100.76
HOLE TBG-CSG-D.P. COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.
8.75	35	6650	6.184	7	29
			CSG		
			6635 6290 P-110		
			6635 6590		
			0		
LAST CASING PKR-CMT RET-BR PL-LINER PERF. DEPTH TOP CONN WELL FLUID					
ID	OD	WGT.	TYPE	MD	TVD
8.9	9.63	36	CSG	1800	1800
			No packer		
			0 0 0		
			7 8RD		
			WATER BASED		
			9.5		
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.
244.8	BBLS	Fresh Water	8.34	341	0
			0 0 0		
			0 7968 3000		
			Rig		
Circulation Prior to Job					
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 1		
Mud Density In: 9.5 LBS/GAL Mud Density Out: 9.5 LBS/GAL			Circulation Rate: 5 BPM		
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> Units:			PV & YP Mud In: 2		
			PV & YP Mud Out: 2		
			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: 2.3 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"/> 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: 35		
			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		
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		
			Quantity:		
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: 1605 PSI With 9.5 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	4100 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
07:10	0	0	0	0	N/A	Arrive on location 86 miles	
07:20	0	0	0	0	N/A	Spot trucks rig running last few joints of casing	
07:30	0	0	0	0	N/A	Pre rig up safety meeting	
08:50	0	0	0	0	N/A	Pre job safety meeting	
09:08	4100	0	0	0	H2O	Pressure test	
09:13	349	0	6	40	H2O	Ultra flush II spacer	
09:39	212	0	4.8	5	H2O	Dyed spacer	
09:45	265	0	4.8	168	CMT	Batch up weigh and pump 359 sxs of Lead LW-6 @ 10.5 ppg	
10:35	199	0	4.8	54	CMT	Batch up weigh and pump 100 sxs of Tail LW-6 @ 10.5 ppg	
10:59	0	0	0	0	N/A	Drop plug	
11:02	1536	0	7.2	20	MUD	Displacement	
11:05	0	0	0	0	N/A	Shut down could not get mud from rig.	
11:13	234	0	7.2	200	MUD	Continued with displacement	
11:42	1414	0	6	10	MUD	Slow rate	
11:47	1517	0	3.6	15	MUD	Bump plug	
11:47	2605	0	0	0	N/A	Plug down	
11:54	1605	0	3.6	2	MUD	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	1517	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	8	514	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	