

CEMENT JOB REPORT



CUSTOMER WHITING PETROLEUM CORP		DATE 06-FEB-13	F.R. # 1001963888	SERV. SUPV. JOHN R WUDARCZYK										
LEASE & WELL NAME WILDHORSE #18-1844H - API 05123361270000		LOCATION 18-9N-59W		COUNTY-PARISH-BLOCK Weld Colorado										
DISTRICT Brighton		DRILLING CONTRACTOR RIG # CADE 21		TYPE OF JOB Surface										
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD							
Cement Plug, Rubber, Top 9-5/8 in		Float Collar, Pop Valve, 9-5/8 - 8rd												
		Centralizer, with Pins, 9-5/8 in												
		Float Shoe 9-5/8 - 8rd												
MATERIALS FURNISHED BY BJ				PHYSICAL SLURRY PROPERTIES										
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER				
Fresh water				0	8.34	0	0	00:00	15					
TypeIII+1%CaCl+.25CF				860	14.5	1.40	6.81		214.70	139.39				
Fresh water				0	8.34	0	0	00:00	136.07					
Available Mix Water 400 Bbl.		Available Displ. Fluid 400 Bbl.		TOTAL		365.77	139.39							
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
13.5	35	1800	8.921	9.625	36	CSG	1800	1800	J-55	1820	1775	0		
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.
NO PACKER								0			9.625	8RND	WATER BASED	9.6
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			
137.2	BBLS	Fresh water		8.34	568	0	0	0	0	3520	2000	RIG		
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: 9.6 LBS/GAL				Mud Density Out: 9.6 LBS/GAL				PV & YP Mud In: 19		PV & YP Mud Out: 19				
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 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 checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE														
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 10				Type: <input checked="" 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 checked="" 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														
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	EXPLANATION	
	PIPE	ANNULUS				SAFETY MEETING: BJ CREW	CO. REP.
						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
						TEST LINES	3196 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
00:45	0	0	0	0	0	ARRIVE ON LOCATION (91 MILES)	
00:45	0	0	0	0	0	RIG PULLING DRILL PIPE	
02:00	0	0	0	0	0	RIG RUNNING CASING	
07:00	0	0	0	0	0	PRE RIG UP SAFETY MEETING	
07:35	0	0	0	0	0	PRE JOB MEETING	
07:52	3196	0	0	0	H2O	PRESSURE TEST PUMPS AND LINES	
07:55	29	0	6	15	H2O	FRESH WATER	
08:04	71	0	4	192	CMT	BATCH UP AND PUMP 860 SKS TYPE III+.08#/SACK STATIC FREE+1%CACL+.25#/SACK CELLO FLAKE@14.5#	
09:02	0	0	0	0	H2O	DROP PLUG	
09:03	498	0	7.2	70	H2O	START DISPLACEMENT	
09:14	598	0	6	30	H2O	SLOW RATE	
09:19	642	0	4.8	20	H2O	SLOW RATE	
09:23	725	0	3.6	17	H2O	SLOW RATE	
09:28	1389	0	0	0	H2O	BUMP PLUG @ 137 BBLS	
09:30	0	0	0	0	H2O	CHECK FLOATS	
09:40	0	0	0	0	0	POST JOB 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	1387	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	65	344	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	