

CEMENT JOB REPORT



CUSTOMER WHITING PETROLEUM CORP			DATE 17-JUL-12		F.R. # 1001923262		SERV. SUPV. BARLEN M JOYNER			
LEASE & WELL NAME WILDHORSE #06-0634H - API 05123349800000			LOCATION 6-9N-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	HANGER TYPES	MD	TVD
Cement Plug, Rubber, Top 9-5/8 in	Float Collar, AI Flap, 9-5/8 - 8rd	NONE	0	0	NONE	0	0
	Float Shoe 9-5/8 - 8rd						
	Cement Basket, Slip On, 9-5/8 in						
	Centralizer, with Pins, 9-5/8 in						

PHYSICAL SLURRY PROPERTIES								
MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
Fresh water + Dye	0	0	8.34	0	0	00:00	10	
Type III + 1% CaCl ₂ + .25CF	C07-059-12	797	14.5	1.40	6.81	01:53	198.97	129.18
Fresh water	0	0	8.34	0	0	00:00	115.1	
Fresh Water	0	0	8.34	0	0	00:00	30	
Available Mix Water 450 Bbl.		Available Displ. Fluid 300 Bbl.		TOTAL		354.07		129.18

HOLE			TBG-CSG-D.P.							COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
13.5	0	1552	8.921	9.625	36	CSG	1537	1537	J-55	1537	1489	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 LINER		0			9.625	8RD	WATER BASED	9.7

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	
115.1	BBLS	Fresh water	8.34	493	0	0	0	0	2816	1000	RIG TANK

Circulation Prior to Job			
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		Circulation Time: 1	
Mud Density In: 9.7 LBS/GAL		Mud Density Out: 9.7 LBS/GAL	
PV & YP Mud In: 35		PV & YP Mud Out: 35	
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: .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"/> 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: 8	
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

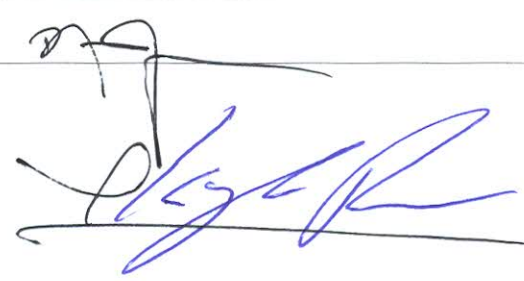
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE

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	2561 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
12:30	0	0	0	0	N/A	YARD CALL	
15:50	0	0	0	0	N/A	ARRIVE ON LOCATION (89 MILES) RUNNING A WIPER TRIP	
18:30	0	0	0	0	N/A	START RUNNING CASING	
21:40	0	0	0	0	N/A	SPOT TRUCKS	
21:50	0	0	0	0	N/A	PRE-RIG UP SAFETY MEETING	
21:45	0	0	0	0	N/A	SAFETY MEETING	
22:19	2561	0	0	0	WATER	PRESSURE TEST	
22:22	110	0	6.5	30	WATER	FRESH WATER SPACER	
22:27	96	0	6.5	10	WATER	FRESH WATER + DYE	
22:32	174	0	5.8	191	CMT	BATCH UP, WEIGH AND PUMP 797 SX OF TYPE III + 0.08 LBS/SACK STATIC FREE + 1% CACL2 + 0.25 LBS/SACK CELLO FLAKE @ 14.5 PPG	
23:13	0	0	0	0	N/A	RELEASE PLUG	
23:15	103	0	7.2	100	WATER	START DISPLACEMENT	
23:32	532	0	4.8	10	WATER	DROP RATE	
23:35	542	0	2.4	5	WATER	DROP RATE	
23:38	588	0	2.4	115	WATER	LAND PLUG	
23:38	808	0	0	0	N/A	PLUG DOWN @ 115 BBLs	
23:43	0	0	0	0	N/A	PRE-RIG DOWN SAFETY MEETING	
00:30	0	0	0	0	N/A	TIME OFF LOCATION	
BUMPED PLUG <input type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 588	TEST FLOAT EQUIP. <input type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 45	TOTAL BBL. PUMPED 346	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Service Supervisor Signature: 

Code S10-14

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