

# CEMENT JOB REPORT



CUSTOMER WHITING PETROLEUM CORP		DATE 21-MAY-13	F.R. # 1001989245	SERV. SUPV. FELIPE LANDA	
LEASE & WELL NAME HORSETAIL #07-0611H - API 05123366470000		LOCATION 7-10N-57W		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	
BJ Cement Plug, Rubber, Top 9-5/8 in		Centralizer, with Pins, 9-5/8 in			
		Float Collar, Auto Fill, 9-5/8 - 8rd			
		Float Shoe 9-5/8 - 8rd			
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES	
				SACKS OF CEMENT	SLURRY WGT PPG
				SLURRY YLD FT <sup>3</sup>	WATER GPS
				PUMP TIME HR:MIN	Bbl SLURRY
					Bbl MIX WATER
Fresh water		0		0	00:00
Type III + 1% CaCl <sub>2</sub> + .25CF		884		14.5	01:30
Fresh water		0		0	00:00
Available Mix Water 400 Bbl.		Available Displ. Fluid 400 Bbl.		TOTAL 375.62 143.28	
HOLE		TBG-CSG-D.P.			
SIZE	% EXCESS	DEPTH	ID	OD	WGT.
13.5	35	1850	8.921	9.625	36 CSG
				MD	TV
				GRADE	SHOE
				1935	1935 J-55
				1915 1868	
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH	
ID	OD	WGT.	TYPE	MD	TV
		BRAND & TYPE		DEPTH	TOP
		NO PACKER		0	BTM
				SIZE	THREAD
				9.625	8RD
				WATER BASED	
				9	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
144	BBLs	Fresh water	8.34	597	0
				SQ. PSI	RATED
				0	Operator
				2816	2000
				FRAC TANK	
Circulation Prior to Job					
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		Circulation Time: 1		Circulation Rate: 4 BPM	
Mud Density In: 9 LBS/GAL		Mud Density Out: 9 LBS/GAL		PV & YP Mud In:	
				PV & YP Mud Out:	
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 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: 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 type="checkbox"/> MANIFOLD <input checked="" 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: 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	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	3220 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
09:30	0	0	0	0	NA	YARD CALL	
14:20	0	0	0	0	NA	ARRIVE ON LOCATION ( RIG RUNNING CASING )	
17:50	0	0	0	0	NA	SPOT TRUCKS/ PRE RIG UP SAFETY MEETING	
18:15	0	0	0	0	NA	SAFETY MEETING	
18:40	42	0	1.3	2	H2O	LOAD LINES	
18:45	1420	0	0	0	H2O	LOW PRESSURE TEST	
18:47	3220	0	0	0	H2O	HIGH PRESSURE TEST	
18:49	159	0	5.2	20	H2O	PRE FLUSH SPACER	
18:53	155	0	5.2	10	H2O	DYE SPACER	
18:58	216	0	4.8	222	CEMENT	BATCH UP TO WEIGHT 884 SKS OF TYPE 3 CEMENT + 0.08% LBS/SKS STATIC FREE + 1% CALCIUM CHLORIDE + 0.25 BLS/ SKS CELLO FLAKE @ 14.5	
19:54	0	0	0	0	NA	DROP PLUG	
19:57	602	0	6.5	100	H2O	DISPLACE	
20:14	620	0	4.1	35	H2O	RATE CHANGE	
20:24	630	0	2.8	9	H2O	RATE CHANGE	
20:28	1114	0	0	0	H2O	BUMP PLUG @ 144 BBLS ( 34 BBLS CEMENT BACK )	
20:32	1558	0	0	0	H2O	15 MIN. CASING TEST	
20:48	0	0	0	0	NA	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:

☒ Y ☐ N

1114

☒ Y ☐ N

34

396

0

☒ Y ☐ N

*[Signature]*