



**Pumping  
Service Report**

**9191410**

Client Name Whiting Petroleum Corp.	Well Name Fregeau #2	Rig Bayou Well Service 12	Job Date May 19, 2014	Call Sheet 1042117
Client Representative Bryan Olmstead	Surface Well Location Sec 9:T10N:R58W	Down Hole Well Location	Job Type Abandonment Plugs	

**Well Profile**

Well Type:	Oil			
Maximum Treating Pressure (psi):	---			
Predicted Bottom Hole Static Temperature (°F):	100.00	@	---	
Bottom Hole Circulating Temperature (°F):	90.00	@	---	
Bottom Hole Logged Temperature (°F):	---	@	---	

Open Hole					
Size (in)	Excess (%)	TMD From (ft)	TMD To (ft)	TVD From (ft)	TVD To (ft)
7.875	--	--	--	--	--

Tubing									
Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)	
2.875	8.700	---	--	--	--	--	0.000	927.000	

**Products**

**Plug 1**

From Depth (ft): 900  
To Depth (ft): 700  
Plug Type : Abandonment  
Acids/Blends/Fluids :  
Plug: 170 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 35 (bbl)  
Water Temperature(°F) = 55 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 65  
+ 1 % of CaCl<sub>2</sub> (Prehydrate)

**Plug 2**

From Depth (ft): 200  
To Depth (ft): 0  
Plug Type : Abandonment  
Acids/Blends/Fluids :

**Fluid & Cement Data**

Expected Cement Top: --					
<b>Wellbore Fluid</b>					
Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	May 18, 2014 18:18



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**Units & Personnel**

Units							
Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
449095	TRAILER	Utility Trailer	201025	PICKUP	1 Ton	05/19/2014 07:00	05/19/2014 12:50
445051	TRAILER	SCM Twin	745051	TRACTOR	Tandem - Tractor	05/19/2014 07:00	05/19/2014 12:50
446173	TRAILER	Bulker	746173	TRACTOR	Tandem - Tractor	05/19/2014 07:00	05/19/2014 12:50
Crew and Bonuses							
Employee	Start Shift		End Shift		Second Start Shift		Second End Shift
Douglass, Brian	05/19/2014 07:00		05/19/2014 12:50				
Hansen, Kevin	05/19/2014 07:00		05/19/2014 12:50				
Doran, Benjamin	05/19/2014 07:00		05/19/2014 12:50				
Pigg, Martin	05/19/2014 07:00		05/19/2014 12:50				
Peterson, Ryan	05/19/2014 07:00		05/19/2014 12:50				

**Treatment Reports & Remarks**

Treatment Report								
Event #	Event Time	Event Description	Fluid Type	Rate (bbl/min)	Tubular Pressure (psi)	Annular Pressure (psi)	Stage Volume (bbl)	Total Volume (bbl)
1	May 19,2014 07:00	Arrive On Location	---	--	--	--	--	0.00
2	May 19,2014 07:15	Tailgate Meeting	---	--	--	--	--	0.00
3	May 19,2014 07:30	Rig In	---	--	--	--	--	0.00
4	May 19,2014 08:00	Wait On Instructions	---	--	--	--	--	0.00
		Remarks: rig still running tubing						
5	May 19,2014 11:00	Safety Meeting	---	--	--	--	--	0.00
6	May 19,2014 11:20	Sign-off on Safety	---	--	--	--	--	0.00
7	May 19,2014 11:21	Establish Circulation	Water	1.00	20.0	--	1.00	1.00
8	May 19,2014 11:22	Pressure Test	---	--	1,000.0	--	--	1.00
9	May 19,2014 11:23	Pump	Water	2.00	25.0	--	18.00	19.00
10	May 19,2014 11:35	Mix Cement	0-1-0 G	2.00	60.0	--	35.00	54.00
11	May 19,2014 11:53	Pump Displacement	Water	2.00	10.0	--	3.50	57.50
12	May 19,2014 11:56	Stop	---	--	--	--	--	57.50
13	May 19,2014 11:58	Rig Out	---	--	--	--	--	57.50
14	May 19,2014 12:30	Job Complete	---	--	--	--	--	57.50
15	May 19,2014 12:40	Pre-Departure Meeting	---	--	--	--	--	57.50
16	May 19,2014 12:50	Leave Location	---	--	--	--	--	57.50

Did Float Hold: Not Applicable  
Fluid Returns : Not Expected  
Type :  
Volume (bbl) :  
Temperature (°F) : --  
FDAS Functioning Correctly : Yes  
Was the Program Followed As Per Design? : Yes



Client	WHITIN OIL AND GAS	Client Rep	BRYAN OLMSTEAD	Supervisor	BRIAN DOUGLASS
Ticket No.	9191410	Well Name	FREGEAU #2	Unit No.	745051
Location	SEC.9-T10N-R58W	Job Type	Abandonment Plugs	Service District	FORT LUPTON, CO
Comments	SEE JOB LOG FOR DETAILS			Job Date	05/19/2014

