



**Pumping
Service Report**

9191411

Client Name Whiting Petroleum Corp.	Well Name Fregeau #2	Rig Bayou Well Service 12	Job Date May 20,2014	Call Sheet 1042141
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):		80.00	@	—						
Bottom Hole Circulating Temperature (°F):		80.00	@	—						
Bottom Hole Logged Temperature (°F):		—	@	—						
Casing										
Size	Weight	Grade	Collapse Pressure	Internal Yield Pressure	Capacity	I.D.	O.D.	Depth From	Depth To	
(in)	(lb/ft)		(psi)	(psi)	(bbl)	(in)	(in)	(ft)	(ft)	
8.625	24.000	—	—	—	—	—	—	—	—	
Tubing										
Size	Weight	Grade	Collapse Pressure	Capacity	I.D.	O.D.	Depth From	Depth To		
(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)		
2.875	8.700	—	—	—	—	—	0.000	200.000		

Products

Plug 1	
From Depth (ft):	0
To Depth (ft):	250
Plug Type :	Abandonment
Acids/Blends/Fluids :	
Plug: 140 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 29 (bbl)	
Water Temperature(°F) = 55 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 60	

Fluid & Cement Data

Expected Cement Top:		Surface				
Wellbore Fluid						
Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@	
Water	—	—	—	—	May 19, 2014 19:13	



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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	05/20/2014 07:30	05/20/2014 10:50
445051	TRAILER	SCM Twin	745051	TRACTOR	Tandem - Tractor	05/20/2014 07:30	05/20/2014 10:50
446173	TRAILER	Bulker	746173	TRACTOR	Tandem - Tractor	05/20/2014 07:30	05/20/2014 10:50

Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Douglass, Brian	05/20/2014 07:30	05/20/2014 10:50		
Hansen, Kevin	05/20/2014 07:30	05/20/2014 10:50		
Doran, Benjamin	05/20/2014 07:30	05/20/2014 10:50		
Pigg, Martin	05/20/2014 07:30	05/20/2014 10:50		
Peterson, Ryan	05/20/2014 07:30	05/20/2014 10:50		

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 20,2014 07:30	Arrive On Location	---	--	--	--	--	0.00
2	May 20,2014 07:40	Tailgate Meeting	---	--	--	--	--	0.00
3	May 20,2014 08:00	Rig In	---	--	--	--	--	0.00
4	May 20,2014 08:05	Safety Meeting	---	--	--	--	--	0.00
5	May 20,2014 08:10	Sign-off on Safety	---	--	--	--	--	0.00
6	May 20,2014 08:15	Establish Circulation	Water	1.00	20.0	--	1.00	1.00
		Remarks: fill lines						
7	May 20,2014 08:16	Pressure Test	---	--	1,000.0	--	--	1.00
8	May 20,2014 08:18	Pump	Water	2.00	26.0	--	6.00	7.00
9	May 20,2014 08:24	Mix Cement	0-1-0 G	2.00	30.0	--	29.00	36.00
10	May 20,2014 08:40	Stop	---	--	--	--	--	36.00
		Remarks: rig pulling off BOP. then we are topping off cement with buckets of cement						
11	May 20,2014 09:30	Rig Out	---	--	--	--	--	36.00
12	May 20,2014 10:30	Job Complete	---	--	--	--	--	36.00
13	May 20,2014 10:40	Pre-Departure Meeting	---	--	--	--	--	36.00
14	May 20,2014 10:50	Leave Location	---	--	--	--	--	36.00

Did Float Hold: Not Applicable

Fluid Returns : Yes

Type : Cement

Volume (bbl) : 2

Temperature (°F) : 60

FDAS Functioning Correctly : Yes

Was the Program Followed As Per Design? : Yes

Material Transfer Sheet Number

Material Transfer Sheet Number

46120

Acidizing • Cementing • Coiled Tubing • Fracturing • Nitrogen

Canada • USA • International

Print Date: May 20, 2014

Service Report: 9191411

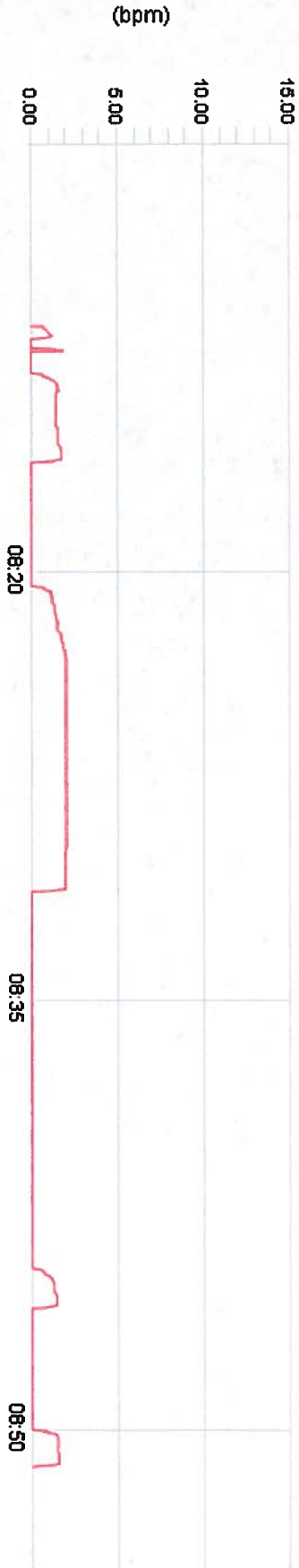
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Client	WHITING OIL AND GAS	Client Rep	BRYAN OLMSTEAD	Supervisor	BRIAN DOUGLASS
Ticket No.	9191411	Well Name	FREGEAU #2	Unit No.	745051
Location	SEC.9-T10N-R58W	Job Type	Abandonment Plugs	Service District	FORT LUPTON, CO
Comments	SEE JOB LOG FOR DETAILS			Job Date	05/20/2014

Unit 745051 Rate Total



Unit 745051 Pump Pressure



Unit 745051 Density

