



**Pumping  
Service Report**

**9190994**

Client Name Whiting Petroleum Corp.	Well Name Fregeau #2	Rig Bayou Well Service 12	Job Date May 16, 2014	Call Sheet 1042020
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): 180.00 @ --

Bottom Hole Circulating Temperature (°F): 160.00 @ --

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	8.600	P-105	20,090.000	28.870	2.259	3.500	0.000	5,823.000

**Products**

**Plug 1**

From Depth (ft): 5823

To Depth (ft): 5623

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 140 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 28.7 (bbl)

Water Temperature(°F) = 55 , Bulk Temperature(°F) = 50 , Slurry Temperature(°F) = 60

+ 0.3 % of CFR (Preblend),

+ 0.1 % of LTR (Preblend)

**Plug 2**

From Depth (ft): 900

To Depth (ft): 700

Plug Type : Abandonment

Acids/Blends/Fluids :

**Plug 3**

From Depth (ft): 250

To Depth (ft): 0

Plug Type : Abandonment

Acids/Blends/Fluids :

**Fluid & Cement Data**

Expected Cement Top: --

**Wellbore Fluid**

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	May 15, 2014 18:18



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**Units & Personnel**

<b>Units</b>							
<u>Truck Unit No.</u>	<u>Main Type</u>	<u>Sub Type</u>	<u>Tractor Unit No.</u>	<u>Main Type</u>	<u>Sub Type</u>	<u>Time On Location</u>	<u>Time Off Location</u>
449095	TRAILER	Utility Trailer	200868	PICKUP	3/4 Ton	05/16/2014 08:20	05/16/2014 13:00
445051	TRAILER	SCM Twin	745051	TRACTOR	Tandem - Tractor	05/16/2014 08:20	05/16/2014 13:00
446173	TRAILER	Bulker	746173	TRACTOR	Tandem - Tractor	05/16/2014 08:20	05/16/2014 13:00

**Crew and Bonuses**

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Contreras, Bennie	05/16/2014 08:20	05/16/2014 13:00		
Cox, Brandon	05/16/2014 08:20	05/16/2014 13:00		
Coronado, Sebastian	05/16/2014 08:20	05/16/2014 13:00		
Melgarejo Herrera, Eduardo	05/16/2014 08:20	05/16/2014 13:00		
Phillips, James	05/16/2014 08:20	05/16/2014 13:00		

**Treatment Reports & Remarks**



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**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 16,2014 08:20	Arrive On Location	---	--	--	--	--	0.00
		Remarks: Arrived						
2	May 16,2014 08:25	Tailgate Meeting	---	--	--	--	--	0.00
		Remarks: Talked about spot trucks and rig in.						
3	May 16,2014 08:35	Rig In	---	--	--	--	--	0.00
		Remarks: Rig in water and cement lines to pump p and pump to well.						
4	May 16,2014 09:30	Safety Meeting	---	--	--	--	--	0.00
		Remarks: Muster point, 911 caller, amb. driver, location safety equip., nearest med., job scope.						
5	May 16,2014 09:55	Sign-off on Safety	---	--	--	--	--	0.00
		Remarks: Sign all JSAs.						
6	May 16,2014 10:18	Pressure Test	Water	--	3,000.0	--	--	0.00
		Remarks: Pressure test to 3000 psi.						
7	May 16,2014 10:35	Mix Cement	0-1-0 G	2.50	150.0	--	28.70	28.70
		Remarks: Pumped 140 SKs of 0-1-0 G @ 15.8 lb/gal						
8	May 16,2014 10:49	Displace Fluid	Water	2.50	500.0	--	26.00	54.70
		Remarks: Displaced 26 BBLs of water.						
9	May 16,2014 11:04	Stop	---	--	--	--	--	54.70
		Remarks: Stopped.						
10	May 16,2014 11:10	Wash	Water	1.70	170.0	--	20.00	74.70
		Remarks: Wash mix system and runbacks on triplexes.						
11	May 16,2014 12:30	Rig Out	---	--	--	--	--	74.70
		Remarks: Rig down iron.						
12	May 16,2014 12:40	Job Complete	---	--	--	--	--	74.70
		Remarks: Job complete.						
13	May 16,2014 12:41	Pre-Departure Meeting	---	--	--	--	--	74.70
		Remarks: Journey management						
14	May 16,2014 13:00	Leave Location	---	--	--	--	--	74.70
		Remarks: Leave location.						

Did Float Hold: Not Applicable

Fluid Returns : No

Type :

Volume (bbl) :

Temperature (°F) : --

FDAS Functioning Correctly : Yes

Was the Program Followed As Per Design? : Yes

**Material Transfer Sheet Number**

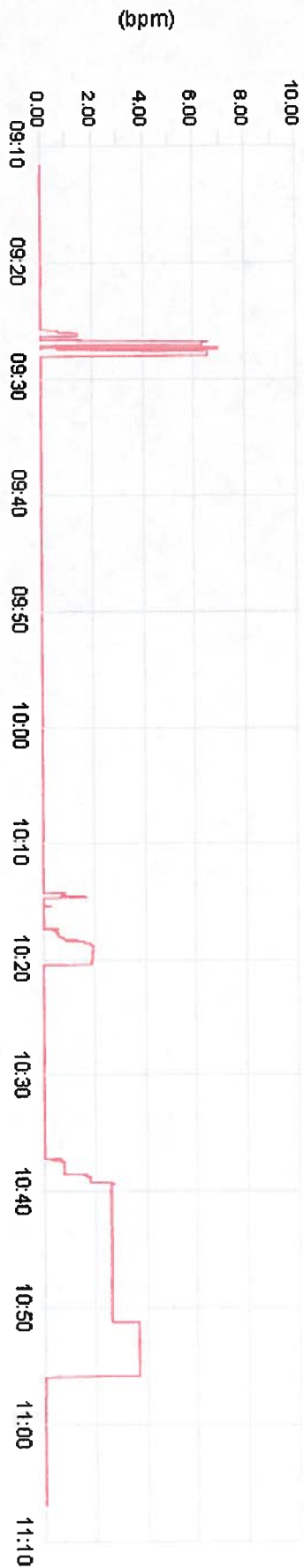
Material Transfer Sheet Number

46120

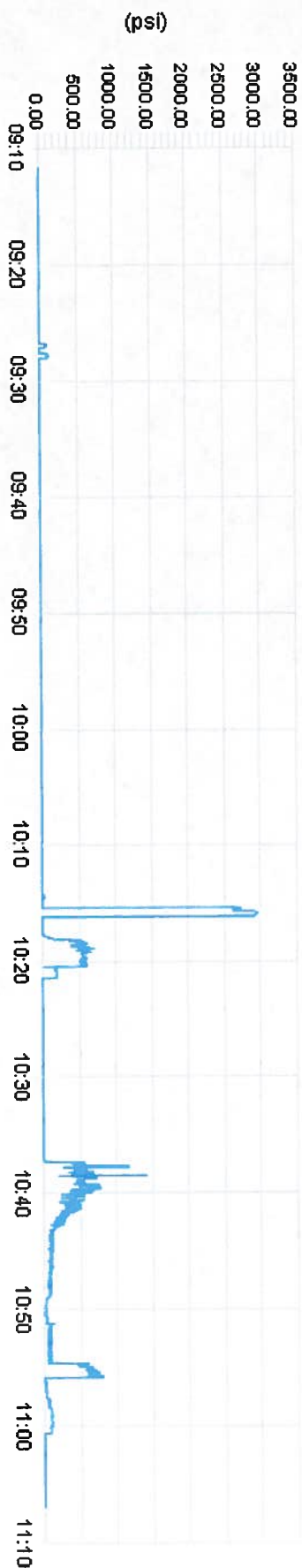


Client	Whiting Petroleum Corp.	Client Rep	Mr. Bryan Olmstead	Supervisor	Bennie Contreras
Ticket No.	9190994	Well Name	Fregeau #2	Unit No.	745051
Location	Section: R58W	Job Type	Abandonment Plugs	Service District	Fort Lupton
Comments	140 SKs 0-1-0 G @ 15.8 lb/gal .3% CFR, .1% LTR				Job Date 05/16/2014

Unit 745051 Rate Total



Unit 745051 Pump Pressure



Unit 745051 Density

