



**Pumping
Service Report**

9191335

Client Name Whiting Petroleum Corp.	Well Name Fregeau 1	Job Date April 26, 2014	Call Sheet 1041493
Client Representative Bryan Olmstead	Location Sec 9:T10N:R58W	Job Type Abandonment Plugs	Rig BWS 12

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	10.000	--	--	--	--

Casing

Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Internal Yield Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)
8.625	24.000	--	--	--	--	--	--	0.0	182.0

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	6.500	--	--	--	--	--	0.000	700.000

Products

Plug 1

From Depth (ft): 0

To Depth (ft): 700

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 95 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 19.5 (bbl)

Water Temperature(°F) = 53 , Bulk Temperature(°F) = 58 , Slurry Temperature(°F) = 72

+ 0.3 % of CFR,

+ 0.1 % of LTR

Fluid & Cement Data

Expected Cement Top: --

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Apr 03, 2014 21:46



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Units & Personnel

Units

<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>
449086	TRAILER	Utility Trailer	201173	PICKUP	1 Ton	04/26/2014 08:30	04/26/2014 15:45
445047	TRAILER	SCM Twin	745047	TRACTOR	Tandem - Tractor	04/26/2014 08:30	04/26/2014 15:45
746502	BODY JOB	Baby Bulker				04/26/2014 08:30	04/26/2014 15:45

Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Ripka, Robert	04/26/2014 08:30	04/26/2014 12:10		
Prigmore, Dominic	04/26/2014 08:30	04/26/2014 12:10		
Jones, Christopher	04/26/2014 08:30	04/26/2014 12:10		
Coronado, Sebastian	04/26/2014 08:30	04/26/2014 12:10		

Treatment Reports & Remarks

Treatment Report

<u>Event #</u>	<u>Event Time</u>	<u>Event Description</u>	<u>Fluid Type</u>	<u>Rate</u> (bbl/min)	<u>Tubular Pressure</u> (psi)	<u>Annular Pressure</u> (psi)	<u>Stage Volume</u> (bbl)	<u>Total Volume</u> (bbl)
1	Apr 26,2014 08:30	Arrive On Location	---	--	--	--	--	0.00
2	Apr 26,2014 08:35	Tailgate Meeting	---	--	--	--	--	0.00
3	Apr 26,2014 09:00	Rig In	---	--	--	--	--	0.00
4	Apr 26,2014 09:30	Safety Meeting	---	--	--	--	--	0.00
5	Apr 26,2014 10:12	Sign-off on Safety	---	--	--	--	--	0.00
6	Apr 26,2014 10:16	Pressure Test	---	--	3,000.0	--	--	0.00
7	Apr 26,2014 10:19	Pump Preflush	Water	1.50	30.0	--	10.00	10.00
8	Apr 26,2014 10:26	Mix Cement	0-1-0 G	1.50	20.0	--	19.50	29.50
		Remarks: 95 SKS						
9	Apr 26,2014 10:45	Displace Fluid	Water	1.00	20.0	--	1.00	30.50
10	Apr 26,2014 10:57	Rig Out	---	--	--	--	--	30.50
11	Apr 26,2014 11:55	Job Complete	---	--	--	--	--	30.50
12	Apr 26,2014 11:57	Pre-Departure Meeting	---	--	--	--	--	30.50
13	Apr 26,2014 12:10	Leave Location	---	--	--	--	--	30.50

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

Material Transfer Sheet Number

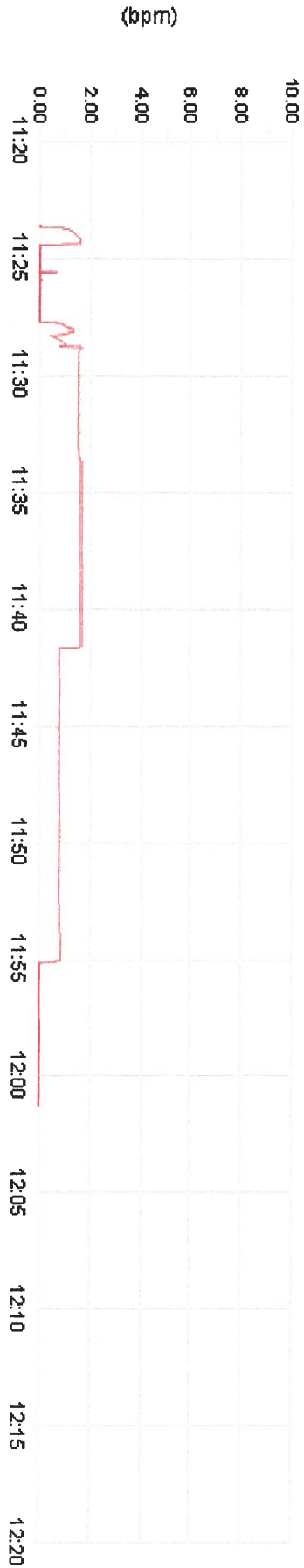
Material Transfer Sheet Number

46003

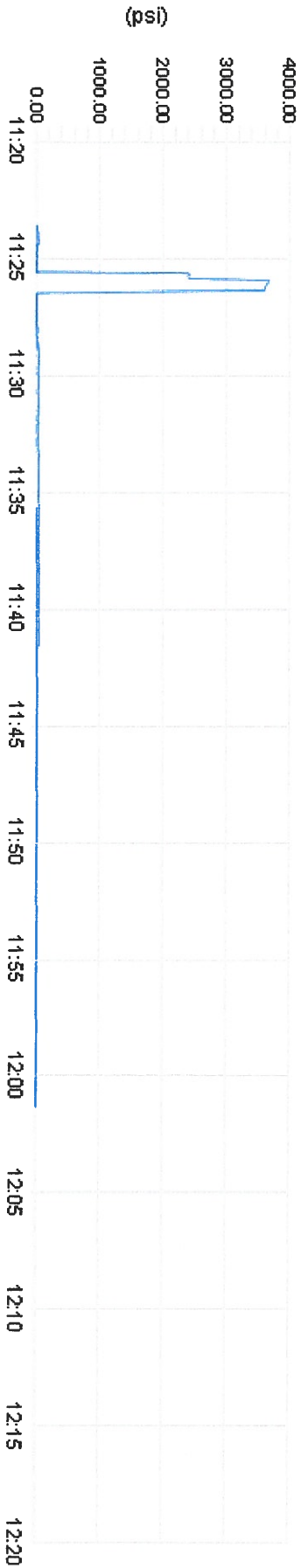


Client	WHITTING PETROLEUM	Client Rep	BRYAN OLMSTEAD	Supervisor	BOB RPKA
Ticket No.	9191335	Well Name	FREGEAU 1	Unit No.	445047
Location	SEC9, T10N, R58W	Job Type	Abandonment Plugs	Service District	FORT LUPTON
Comments	95 SKS OF 0-1-0 G CEMENT .3% CFR .1% LTR .1% CACI2			Job Date	04/26/2014

Unit 445047 Rate Total



Unit 445047 Pump Pressure



Unit 445047 Density

