



# Pumping Service Report

9188047

Client Name Whiting Petroleum Corp.	Well Name Nelson # 1	Job Date March 10, 2014	Call Sheet 1039684
Client Representative Bryan Olmstead	Location Sec 20:T10N:R58W	Job Type Abandonment Plugs	

## Well Profile

Well Type:	Oil		
Maximum Treating Pressure (psi):	---		
Predicted Bottom Hole Static Temperature (°F):	200.00	@	--
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	--	0.000	1,800.000	--	--

Tubing			Collapse Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
Size	Weight	Grade	(psi)	(bbl)	(in)	(in)	(ft)	(ft)
2.875	6.500	J-55	7,680.000	10.420	2.441	3.668	0.000	1,800.000

## Products

### Plug 1

From Depth (ft):	1579
To Depth (ft):	1800
Plug Type :	Abandonment
Acids/Blends/Fluids :	
Plug: 65 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 13.3 (bbl)	
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 60	

## Fluid & Cement Data

Expected Cement Top: --

### Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Mar 09, 2014 11:49

## Units & Personnel

### Units

Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
746502	BODY JOB	Baby Bulker				03/10/2014 11:00	03/10/2014 20:00
449087	TRAILER	Utility Trailer	201025	PICKUP	1 Ton	03/10/2014 11:00	03/10/2014 20:00
445047	TRAILER	SCM Twin	745047	TRACTOR	Tandem - Tractor	03/10/2014 11:00	03/10/2014 20:00

### Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Young, Craig	03/10/2014 11:00	03/10/2014 20:00		
Pigg, Martin	03/10/2014 11:00	03/10/2014 20:00		
Hardwick, Waco	03/10/2014 11:00	03/10/2014 20:00		
Hansen, Kevin	03/10/2014 11:00	03/10/2014 20:00		
Sanchez Jr, Carlos	03/10/2014 11:00	03/10/2014 20:00		

Acidizing • Cementing • Coiled Tubing • Fracturing • Nitrogen

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**Pumping  
Service Report**

**9188047**

**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	Mar 10,2014 11:00	Arrive On Location		--	--	--	--	0.00
2	Mar 10,2014 11:15	Tailgate Meeting		--	--	--	--	0.00
3	Mar 10,2014 11:25	Rig In		--	--	--	--	0.00
4	Mar 10,2014 12:15	Wait On Instructions		--	--	--	--	0.00
Remarks: Waiting for cement to be delivered to location from Fort Lupton, Co.								
5	Mar 10,2014 17:30	Safety Meeting		--	--	--	--	0.00
6	Mar 10,2014 17:45	Sign-off on Safety		--	--	--	--	0.00
7	Mar 10,2014 17:53	Pressure Test	Water	0.30	2,000.0	0.0	0.50	0.50
8	Mar 10,2014 17:55	Establish Circulation	Water	1.70	100.0	0.0	3.00	3.50
9	Mar 10,2014 18:03	Pump	0-1-0 G	1.00	100.0	0.0	13.00	16.50
10	Mar 10,2014 18:12	Displace Fluid	Water	1.00	100.0	0.0	8.10	24.60
11	Mar 10,2014 18:25	Wash	Water	2.00	--	--	20.00	0.00
12	Mar 10,2014 19:05	Rig Out		--	--	--	--	0.00
13	Mar 10,2014 19:40	Job Complete		--	--	--	--	0.00
14	Mar 10,2014 19:50	Pre-Departure Meeting		--	--	--	--	0.00
15	Mar 10,2014 20:00	Leave Location		--	--	--	--	0.00

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

44410



Client	Whiting Petroleum Corp.	Client Rep	Mr. Ryan Olmstead	Supervisor	Waco Hardwick
Ticket No.	9188047	Well Name	Nelson # 1	Unit No.	445047, 445020
Location	Sec.20;T10 N;R58W	Job Type	Abandonment Plugs	Service District	Fort Lupton, Co.
Comments	40 sx 0-1-0 G cemnet, 8.2 bbls. slurry @ 15.8 Density.			Job Date	03/10/2014

