



**Pumping  
Service Report**

**9191416**

Client Name Extraction Oil	Well Name Hiner 36C - 17 W	Rig Extreme # 7	Job Date June 02,2014	Call Sheet 1042572
Client Representative Brandon Patch	Surface Well Location Sec 36:T6N:R66W	Down Hole Well Location	Job Type Intermediate Casing	

**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)
	8.750	25.000	0.000	7,724.000	--	--

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)
7.000	26.000	P-110	6,210.0	9,520.0	295.53	6.276	7.656	0.0	7,724.0

**Products**

<b>Stage 1</b>	
From Depth (ft):	0
To Depth (ft):	7724
Acids/Blends/Fluids :	
Lead 1: 525 Sacks of 0:1:0 Type III, Density = 12.5 lb/gal, Volume Pumped = 166 (bbl)	
Water Temperature(°F) = 55 , Bulk Temperature(°F) = 88 , Slurry Temperature(°F) = 70	
+ 0.4 % of CDF-4P (Preblend),	
+ 0.5 % of CFL-2 (Preblend),	
+ 0.4 % of FMC (Preblend),	
+ 0.15 % of LTR (Preblend),	
+ 0.25 lb/sack of Polyflake (Preblend)	
Tail: 325 Sacks of 1-1-0 G, Density = 14.6 lb/gal, Volume Pumped = 66 (bbl)	
Water Temperature(°F) = 55 , Bulk Temperature(°F) = 88 , Slurry Temperature(°F) = 80	
+ 0.6 % of CFL-2 (Preblend),	
+ 0.5 % of CFR (Preblend),	
+ 0.6 % of SMS (Preblend),	
+ 0.3 % of LTR (Preblend),	
+ 0.2 % of SPC-2 (Preblend),	
+ 0.25 lb/sack of Polyflake (Preblend)	

**Fluid & Cement Data**

Expected Cement Top:	Surface				
<b>Wellbore Fluid</b>					
Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	May 19, 2014 18:05
Water Based Mud	--	--	--	--	May 28, 2014 19:51



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<b>Attachment &amp; Tools</b>		
<b>Tubular Plugs</b>		
Tubular Plug Type	Size (in)	Supplier
Rubber Top	7.000	Sanjel

<b>Units &amp; Personnel</b>							
<b>Units</b>							
Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
449093	TRAILER	Utility Trailer	201025	PICKUP	1 Ton	06/02/2014 11:30	06/02/2014 17:30
445047	TRAILER	SCM Twin	745047	TRACTOR	Tandem - Tractor	06/02/2014 11:30	06/02/2014 17:30
749100	TRACTOR	Tandem - Tractor				06/02/2014 11:30	06/02/2014 17:30
201173	PICKUP	1 Ton				06/02/2014 11:30	06/02/2014 17:30
<b>Crew and Bonuses</b>							
Employee	Start Shift	End Shift				Second Start Shift	Second End Shift
Douglass, Brian	06/02/2014 11:30	06/02/2014 17:30					
Durham, Adrian	06/02/2014 11:30	06/02/2014 17:30					
Hansen, Kevin	06/02/2014 11:30	06/02/2014 17:30					
Doran, Benjamin	06/02/2014 11:30	06/02/2014 17:30					
Svoboda, Miloslav	06/02/2014 11:30	06/02/2014 17:30					
Cheal, Samuel	06/02/2014 11:30	06/02/2014 17:30					
Price, Ryan	06/02/2014 11:30	06/02/2014 17:30					



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**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	Jun 02,2014 11:30	Arrive On Location		--	--	--	--	0.00
2	Jun 02,2014 11:45	Tailgate Meeting		--	--	--	--	0.00
3	Jun 02,2014 12:00	Rig In		--	--	--	--	0.00
4	Jun 02,2014 13:15	Safety Meeting		--	--	--	--	0.00
5	Jun 02,2014 13:20	Sign-off on Safety		--	--	--	--	0.00
6	Jun 02,2014 13:32	Establish Circulation	Water	2.00	25.0	--	2.00	2.00
7	Jun 02,2014 13:34	Pressure Test		--	3,500.0	--	--	2.00
8	Jun 02,2014 13:36	Pump Preflush	Water	5.00	900.0	--	20.00	22.00
		Remarks: mud flush						
9	Jun 02,2014 13:40	Pump Preflush	Water	5.00	1,000.0	--	20.00	42.00
10	Jun 02,2014 13:57	Mix Cement	0:1:0 Type III	6.00	600.0	--	166.00	208.00
11	Jun 02,2014 14:25	Mix Cement	1-1-0 G	6.00	300.0	--	66.00	274.00
12	Jun 02,2014 14:43	Drop Plug		--	--	--	--	274.00
13	Jun 02,2014 14:46	Pump Displacement	Water Based Mud	5.00	900.0	--	293.00	567.00
14	Jun 02,2014 15:46	Bump Plug		--	--	--	--	567.00
15	Jun 02,2014 15:48	Check Float		--	--	--	--	567.00
		Remarks: float held						
16	Jun 02,2014 15:55	Rig Out		--	--	--	--	567.00
17	Jun 02,2014 17:10	Job Complete		--	--	--	--	567.00
18	Jun 02,2014 17:20	Pre-Departure Meeting		--	--	--	--	567.00
19	Jun 02,2014 17:30	Leave Location		--	--	--	--	567.00

Did Float Hold: Yes  
 Fluid Returns : Yes  
 Type : Cement  
 Volume (bbl) : 1  
 Temperature (°F) : 80  
 FDAS Functioning Correctly : Yes  
 Was the Program Followed As Per Design? : Yes

**Material Transfer Sheet Number**

Material Transfer Sheet Number  
 258176  
 258177  
 258211