



**Pumping
Service Report**

9193480

Client Name Extraction Oil	Well Name Hiner 36C - 17 W	Rig Extreme # 7	Job Date June 08,2014	Call Sheet 1042771
Client Representative Brandon Patch	Surface Well Location Sec 36:T6N:R66W	Down Hole Well Location	Job Type Liner 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)	
13.500	30.000	0.000	760.000	0.000	760.000	
8.750	25.000	760.000	7,580.000	--	--	

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)	
9.625	36.000	J-55	2,020.0	3,520.0	58.75	8.921	10.625	0.0	760.0	
7.000	26.000	P-110	6,210.0	9,520.0	289.72	6.276	7.656	0.0	7,572.0	
4.500	13.500	P-110	10,670.0	12,410.0	64.90	3.920	5.000	7,702.0	12,050.0	

Products

Stage 1	
From Depth (ft):	0
To Depth (ft):	7700
Acids/Blends/Fluids :	
Tail: 460 Sacks of SanTail WB, Density = 13.5 lb/gal, Volume Pumped = 104 (bbl)	
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 65 , Slurry Temperature(°F) = 75	
+ 1 % of CFL-4,	
+ 0.5 % of CFR-2,	
+ 0.4 % of CR-4,	
+ 0.5 % of SMS,	
+ 0.5 % of LWA	

Fluid & Cement Data

Expected Cement Top:	--				
Wellbore Fluid					
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

Attachment & Tools

Tubular Plugs		
Tubular Plug Type	Size (in)	Supplier
Rubber Top	7.000	Sanjel



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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
449093	TRAILER	Utility Trailer	201191	PICKUP	1 Ton	06/08/2014 01:30	06/08/2014 08:00
445052	TRAILER	SCM Twin	745052	TRACTOR	Tandem - Tractor	06/08/2014 01:30	06/08/2014 08:00
446084	TRAILER	Bulker	746084	TRACTOR	Tandem - Tractor	06/08/2014 01:30	06/08/2014 08:00

Crew and Bonuses					
Employee	Start Shift	End Shift	Second Start Shift	Second End Shift	
Contreras, Bennie	06/08/2014 01:30	06/08/2014 08:00			
Schneider, Patrick	06/08/2014 01:30	06/08/2014 08:00			
Barden, Sean	06/08/2014 01:30	06/08/2014 08:00			
Prigmore, Dominic	06/08/2014 01:30	06/08/2014 08:00			
Martinez, Fernando	06/08/2014 01:30	06/08/2014 08:00			

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	Jun 08,2014 01:30	Arrive On Location		--	--	--	--	0.00
		Remarks: Arrived						
2	Jun 08,2014 01:35	Tailgate Meeting		--	--	--	--	0.00
		Remarks: Talked about spotting trucks and rigging in.						
3	Jun 08,2014 01:40	Rig In		--	--	--	--	0.00
		Remarks: Rig in water and cement hoses to pump, and pump to well and backside.						
4	Jun 08,2014 02:50	Safety Meeting	Water	--	5,000.0	--	--	0.00
		Remarks: Pressure test well iron to 5000 psi, backside to 3000 psi.						
5	Jun 08,2014 03:30	Sign-off on Safety		--	--	--	--	0.00
		Remarks: Sign all JSAs.						
6	Jun 08,2014 03:38	Pump Preflush	Water Based Mud	3.30	670.0	--	20.00	20.00
		Remarks: Pump mud preflush.						
7	Jun 08,2014 03:44	Pump Preflush	Water	4.10	930.0	--	20.00	40.00
		Remarks: Pump 20 BBLs of Visweep.						
8	Jun 08,2014 03:44	Mix Cement	SanTail WB	4.00	1,700.0	--	104.00	144.00
		Remarks: Mix and pump 104 BBLs of SanTail @ 13.5 lb/gal..						
9	Jun 08,2014 04:16	Stop		--	--	--	--	144.00
		Remarks: Stopped and dropped the plug.						
10	Jun 08,2014 04:27	Displace Fluid	Water	5.00	1,200.0	--	143.00	287.00
		Remarks: Displaced 143 BBLs and bumped 500 psi over.						
11	Jun 08,2014 05:00	Stop		--	--	--	--	287.00
		Remarks: Stopped and held pressure. (Came back on Burst plug 2200 psi) pump 3 BBLs to clean shoe joint...						
12	Jun 08,2014 05:07	Check Float	Water	--	--	--	--	287.00
		Remarks: Got .5 BBL back.						
13	Jun 08,2014 05:15	Pressure Test	Water	--	2,500.0	--	--	287.00
		Remarks: Pressure test backside to 2500 psi.						
14	Jun 08,2014 05:40	Pump	Water	9.00	1,700.0	--	185.00	472.00
		Remarks: Rolled the hole.						
15	Jun 08,2014 06:04	Stop		--	--	--	--	472.00
		Remarks: Stop and rig off well head.						
16	Jun 08,2014 06:15	Wash	Water	2.00	170.0	--	20.00	492.00
		Remarks: Wash mix system and runbacks on triplexes.						
17	Jun 08,2014 07:20	Rig Out		--	--	--	--	492.00
		Remarks: Rig down iron and hoses.						
18	Jun 08,2014 07:45	Job Complete		--	--	--	--	492.00
		Remarks: Job complete.						
19	Jun 08,2014 07:46	Pre-Departure Meeting		--	--	--	--	492.00
		Remarks: Journey management.						
20	Jun 08,2014 08:00	Leave Location		--	--	--	--	492.00
		Remarks: Leave						



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Treatment Reports & Remarks

Did Float Hold: Yes
Fluid Returns : Yes
Type : Cement
Volume (bbl) : 2
Temperature (°F) : 85
FDAS Functioning Correctly : Yes
Was the Program Followed As Per Design? : Yes

Material Transfer Sheet Number

Material Transfer Sheet Number
258254