



**Pumping
Service Report**

9188747

Client Name Anadarko Petroleum Corporation	Well Name LDS 37-24	Rig BWS 20	Job Date September 08,2014	Call Sheet 1046796
Client Representative Socorro Olivas	Surface Well Location SE SE Sec 34:T3N:R68W	Down Hole Well Location	Job Type Abandonment Plugs	

Well Profile

Well Type:	Oil
Maximum Treating Pressure (psi):	---
Predicted Bottom Hole Static Temperature (°F):	--- @ --
Bottom Hole Circulating Temperature (°F):	--- @ --
Bottom Hole Logged Temperature (°F):	--- @ --

Open Hole					
Size (in)	Excess (%)	TMD From (ft)	TMD To (ft)	TVD From (ft)	TVD To (ft)
10.000	--	769.000	1,549.000	--	--

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	0.000		--	--	--	--	--	0.0	769.0	
4.500	0.000		--	--	--	--	--	0.0	1,549.0	

Tubing										
Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)		
1.315	0.000		--	--	--	--	0.000	1,549.000		

Products

Plug 1	
From Depth (ft):	930
To Depth (ft):	1549
Plug Type :	Abandonment
Acids/Blends/Fluids :	
Tail: 200 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 48 (bbl)	
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 60	
+ 0.25 lb/sack of Polyflake (Preblend),	
+ 0.4 % of CDF-4P (Preblend),	
+ 0.5 % of CaCl2 (Preblend),	
+ 0.3 % of CFR-2 (Preblend),	
+ 0.3 % of CFL-3 (Preblend)	

Fluid & Cement Data

Expected Cement Top:	Depth (ft): 930				
Wellbore Fluid					
Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.400	--	--	Aug 24, 2014 17:22



**Pumping
Service Report**

9188747

Units & Personnel

Units							
Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
201025	PICKUP	1 Ton	449086	TRAILER	Utility Trailer	09/08/2014 13:30	09/08/2014 17:00
445070	TRAILER	SCM Twin	745070	TRACTOR	Tandem - Tractor	09/08/2014 13:30	09/08/2014 17:00
746502	BODY JOB	Baby Bulker				09/08/2014 13:30	09/08/2014 17:00

Crew and Bonuses				
Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Price, Ryan	09/08/2014 13:30	09/08/2014 17:00		
Hansen, Kevin	09/08/2014 13:30	09/08/2014 17:00		
Barden, Sean	09/08/2014 13:30	09/08/2014 17:00		
Estrada, John	09/08/2014 13:30	09/08/2014 17:00		

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	Sep 08,2014 13:30	Arrive On Location		--	--	--	--	0.00	
2	Sep 08,2014 13:35	Tailgate Meeting		--	--	--	--	0.00	
3	Sep 08,2014 13:40	Rig In		--	--	--	--	0.00	
4	Sep 08,2014 14:15	Safety Meeting		--	--	--	--	0.00	
5	Sep 08,2014 14:25	Sign-off on Safety		--	--	--	--	0.00	
6	Sep 08,2014 14:51	Pump	Water	2.00	600.0	--	1.00	0.00	
Remarks: Filled lines for pressure test									
7	Sep 08,2014 14:52	Pressure Test		--	3,500.0	--	--	0.00	
8	Sep 08,2014 14:53	Pump Spacer	Water	2.00	600.0	--	5.00	0.00	
9	Sep 08,2014 14:56	Pump Preflush	Water	2.00	600.0	--	20.00	0.00	
Remarks: pumped SMS									
10	Sep 08,2014 15:05	Pump Spacer		2.00	600.0	--	8.00	0.00	
11	Sep 08,2014 15:13	Mix Cement	0:1:0 Type III	2.00	1,500.0	--	48.00	0.00	
12	Sep 08,2014 15:34	Pump Displacement	Water	2.00	1,500.0	--	1.00	0.00	
13	Sep 08,2014 15:35	Stop		--	--	--	--	0.00	
14	Sep 08,2014 15:50	Wash		--	--	--	--	0.00	
15	Sep 08,2014 16:30	Rig Out		--	--	--	--	0.00	
16	Sep 08,2014 16:50	Job Complete		--	--	--	--	0.00	
17	Sep 08,2014 16:55	Pre-Departure Meeting		--	--	--	--	0.00	
18	Sep 08,2014 17:00	Leave Location		--	--	--	--	0.00	

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