



9207895

Client Name Anadarko Petroleum Corporation	Well Name Streed 10-13	Rig Ensign Drilling Inc. 320	Job Date October 22,2015	Call Sheet 1061778
Client Representative Mr. Traux Deal	Surface Well Location NW SE Sec 13:T3N:R67W	Down Hole Well Location	Job Type Bradenhead Squeeze	Lead Supervisor Svoboda, Miloslav (28226)

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)
9.000	--	754.000	4,475.000	--	--

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	J-55	1,370.0	2,950.0	48.02	8.097	9.625	0.0	754.0
4.500	11.600	J-55	4,960.0	5,350.0	--	4.000	5.000	0.0	--

Tubing

Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)
1.660	0.000	C-75	--	--	--	--	0.000	4,475.000

Products**Plug 1**

From Depth (ft): 4085

To Depth (ft): 4475

Plug Type : Well Stability

Acids/Blends/Fluids :

Plug: 150 Sacks of 1-1-0 G, Density = 14.6 lb/gal, Volume Pumped = 30 (bbl)

Water Temperature(°F) = 50 , Bulk Temperature(°F) = 55 , Slurry Temperature(°F) = 60

+ 0.6 % of CFL-2 (Preblend),

+ 0.5 % of CFR (Preblend),

+ 0.4 % of LTR (Preblend),

+ 0.6 % of SMS (Preblend),

+ 0.2 % of SPC-2 (Preblend)

Plug 2

From Depth (ft): 613

To Depth (ft): 1085

Plug Type : Well Stability

Acids/Blends/Fluids :

Plug: 145 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 34 (bbl)

Water Temperature(°F) = 55 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 60

+ 0.5 % of CaCl₂ (Preblend),

+ 0.3 % of CFR-2 (Preblend),

+ 0.4 % of CDF-4P (Preblend),

+ 0.3 % of CFL-3 (Preblend),

+ 0.25 lb/sack of LCL-7 (Preblend)



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Fluid & Cement Data

Expected Cement Top: Depth (ft): 613

Wellbore Fluid

<u>Fluid Type</u>	<u>Viscosity (cP)</u>	<u>Density (lbs/gal)</u>	<u>Yield Point (psi)</u>	<u>Temperature (°F)</u>	<u>Recorded@</u>
Water	--	--	--	--	Jun 07, 2015 22:11

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	201017	PICKUP	1 Ton	10/22/2015 08:30	10/22/2015 15:42
445024	TRAILER	SCM Twin	745024	TRACTOR	Tandem - Tractor	10/22/2015 08:30	10/22/2015 15:42
446171	TRAILER	Bulker	746171	TRACTOR	Tandem - Tractor	10/22/2015 08:30	10/22/2015 15:42

Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Svoboda, Miloslav (28226)	10/22/2015 05:30	10/22/2015 18:43		
Pigg, Martin (28301)	10/22/2015 05:30	10/22/2015 18:43		
Devine, Richard (29733)	10/22/2015 05:30	10/22/2015 18:43		

Treatment Reports & Remarks

**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	Oct 22,2015 08:15	Arrive On Location		--	--	--	--	0.00
		Remarks: sign in						
2	Oct 22,2015 08:20	Crew Briefing (Rig in)		--	--	--	--	0.00
		Remarks: tailgate meeting						
3	Oct 22,2015 09:30	Rig in Complete		--	--	--	--	0.00
4	Oct 22,2015 10:20	Crew Briefing (Pre Job)		--	--	--	--	0.00
		Remarks: JSA with co-man, rigcrew						
5	Oct 22,2015 10:36	Pressure Test Start	Water	2.00	3,000.0	--	2.00	0.00
6	Oct 22,2015 10:38	Pressure Test Complete		--	--	--	--	0.00
		Remarks: pressure held						
7	Oct 22,2015 10:39	Pump Spacer	Water	2.00	1,900.0	--	5.00	5.00
		Remarks: fresh water						
8	Oct 22,2015 10:41	Pump Preflush	Water	2.00	1,900.0	--	20.00	25.00
		Remarks: SMS						
9	Oct 22,2015 10:55	Pump Spacer	Water	2.00	1,800.0	--	5.00	30.00
		Remarks: fresh water						
10	Oct 22,2015 10:52	Mix Cement	1-1-0 G	1.80	1,800.0	--	30.00	60.00
		Remarks: mixed & pumped away						
11	Oct 22,2015 11:11	Displace Fluid	Water	2.00	1,800.0	--	7.50	67.50
		Remarks: displace to balance plug						
12	Oct 22,2015 11:17	Stop		--	--	--	--	67.50
		Remarks: open return, rig down						
13	Oct 22,2015 11:25	Wait On Instructions		--	--	--	--	67.50
		Remarks: rig has to trip out, circulate						
14	Oct 22,2015 12:41	Pressure Test Lines	Water	--	3,000.0	--	--	67.50
		Remarks: pressure held						
15	Oct 22,2015 12:43	Pump Spacer	Water	2.00	400.0	--	10.00	77.50
		Remarks: fresh water						
16	Oct 22,2015 12:47	Mix Cement	0:1:0 Type III	2.00	650.0	--	34.00	111.50
		Remarks: mixed & pumped away						
17	Oct 22,2015 13:05	Displace Fluid	Water	2.00	550.0	--	1.00	112.50
		Remarks: displace to balance plug						
18	Oct 22,2015 13:17	Stop		--	--	--	--	112.50
		Remarks: open return, rig down						
19	Oct 22,2015 13:25	Wash		--	--	--	--	112.50
		Remarks: wash up pump						
20	Oct 22,2015 13:45	Rig Out		--	--	--	--	112.50
21	Oct 22,2015 14:00	Job Complete		--	--	--	--	112.50
22	Oct 22,2015 14:30	Pre-Departure Meeting		--	--	--	--	112.50
23	Oct 22,2015 15:15	Leave Location		--	--	--	--	112.50