



## Pumping Service Report

9206664

Client Name Anadarko Petroleum Corporation	Well Name Sharkey 10-35	Rig Basic 1549	Job Date September 04,2015	Call Sheet 1060531
Client Representative Mr. Bill Smith	Surface Well Location NW SE Sec 35:T4N:R67W	Down Hole Well Location	Job Type Bradenhead Squeeze	Lead Supervisor Maguire, Matthew (26325)

### 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): --- @ --

### Casing

Size	Weight	Grade	Collapse Pressure	Internal Yield Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(psi)	(bbl)	(in)	(in)	(ft)	(ft)
8.625	24.000	J-55	1,370.0	2,950.0	46.94	8.097	9.625	0.0	737.0
4.500	11.600	J-55	4,960.0	5,350.0	113.99	4.000	5.000	0.0	7,334.0

### Tubing

Size	Weight	Grade	Collapse Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)
1.660	2.400	J-55	8,490.000	--	1.380	2.200	4,379.000	--

### Products

#### Plug 1

From Depth (ft): 4379

To Depth (ft): 3832

Plug Type : Well Stability

Acids/Blends/Fluids :

Tail: 130 Sacks of 1:1:0 Poz:G, Density = 14.6 lb/gal, Volume Pumped = 25.9 (bbl)

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

- + 0.6 % of CFL-2 (Preblend),
- + 0.5 % of CFR (Preblend),
- + 0.6 % of SCA-6 (Preblend),
- + 0.2 % of SPC-2 (Preblend),
- + 0.4 % of LTR (Preblend),
- + 0.25 % of Polyflake (Preblend)

#### Plug 2

From Depth (ft): 1297

To Depth (ft): 520

Plug Type : Well Stability

Acids/Blends/Fluids :

Tail: 140 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 33.2 (bbl)

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

- + 0.5 % of CaCl<sub>2</sub> (Preblend),
- + 0.3 % of CFL-3 (Preblend),
- + 0.3 % of CFR-2 (Preblend),
- + 0.4 % of CDF-4P (Preblend),
- + 0.25 lb/sack of Polyflake (Preblend)



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### Fluid & Cement Data

Expected Cement Top: Depth (ft): 520

#### Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.400	--	--	Jan 15, 2015 18:10

### Units & Personnel

#### Units

Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
449095	TRAILER	Utility Trailer	201168	PICKUP	1 Ton	09/04/2015 08:30	09/04/2015 15:00
445046	TRAILER	SCM Twin	745046	TRACTOR	Tandem - Tractor	09/04/2015 08:30	09/04/2015 15:00
446145	TRAILER	Bulker	746145	TRACTOR	Tandem - Tractor	09/04/2015 08:30	09/04/2015 15:00

#### Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Maguire, Matthew (26325)	09/04/2015 08:30	09/04/2015 15:00		
Dunsbergen, Scott (29737)	09/04/2015 08:30	09/04/2015 15:00		
Pyfer, Kevin (29802)	09/04/2015 08:30	09/04/2015 15:00		

### 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 04, 2015 08:30	Arrive On Location		--	--	--	--	0.00
		Remarks: Signed in at lease entrance, checked in with company rep Mr. Bill Smith.						
2	Sep 04, 2015 08:40	Tailgate Meeting		--	--	--	--	0.00
		Remarks: JSA.						
3	Sep 04, 2015 08:50	Crew Briefing (Rig in)		--	--	--	--	0.00
4	Sep 04, 2015 09:15	Rig in Complete		--	--	--	--	0.00
5	Sep 04, 2015 09:20	Crew Briefing (Pre Job)		--	--	--	--	0.00
6	Sep 04, 2015 09:30	STEACS Briefing		--	--	--	--	0.00
7	Sep 04, 2015 09:45	Sign-off on Safety		--	--	--	--	0.00
8	Sep 04, 2015 09:50	Start - Fluid	Water	1.50	1,300.0	--	1.00	1.00
		Remarks: Filled lines.						
9	Sep 04, 2015 09:51	Pressure Test Start	Water	--	2,500.0	--	--	1.00
10	Sep 04, 2015 09:52	Pressure Test Complete	Water	--	2,500.0	--	--	1.00
		Remarks: All lines held pressure.						
11	Sep 04, 2015 09:53	Establish Circulation	Water	1.70	1,300.0	--	5.00	6.00
		Remarks: We had circulation.						
12	Sep 04, 2015 09:57	Pump Preflush	Water	1.70	1,300.0	--	20.00	26.00
		Remarks: 350lbs SMS.						
13	Sep 04, 2015 10:08	Pump Spacer	Water	1.70	1,400.0	--	5.00	31.00
14	Sep 04, 2015 10:20	Mix Cement	1:1:0 Poz:G	1.70	1,800.0	--	25.90	56.90
		Remarks: WR=4.62,						

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Event #	Event Time	Event Description	Fluid Type	Rate (bbl/min)	Tubular Pressure (psi)	Annular Pressure (psi)	Stage Volume (bbl)	Total Volume (bbl)
15	Sep 04,2015 10:45	Displace Fluid	Water	1.25	1,700.0	--	7.00	63.90
		Remarks: Balanced plug.						
16	Sep 04,2015 10:50	Stop		--	--	--	--	63.90
17	Sep 04,2015 11:00	Wash	Water	1.50	100.0	--	20.00	63.90
18	Sep 04,2015 11:05	Pull Pipe		--	--	--	--	63.90
		Remarks: Rig to pull tubing.						
19	Sep 04,2015 11:50	Start - Fluid	Water	1.20	250.0	--	1.00	64.90
		Remarks: Filled lines.						
20	Sep 04,2015 11:51	Pressure Test	Water	--	2,000.0	--	--	64.90
		Remarks: All lines held pressure.						
21	Sep 04,2015 11:53	Establish Circulation	Water	1.00	280.0	--	5.00	69.90
		Remarks: We had circulation.						
22	Sep 04,2015 12:00	Mix Cement	0:1:0 Type III	1.50	500.0	--	33.20	103.10
		Remarks: WR=6.31,						
23	Sep 04,2015 13:12	Displace Fluid	Water	1.20	700.0	--	1.50	104.60
		Remarks: Flushed lines.						
24	Sep 04,2015 13:13	Stop		--	--	--	--	104.60
25	Sep 04,2015 13:45	Wash	Water	1.50	100.0	--	20.00	104.60
26	Sep 04,2015 14:15	Rig Out		--	--	--	--	104.60
		Remarks: Revisit JSA.						
27	Sep 04,2015 00:30	Pre-Departure Meeting		--	--	--	--	104.60
28	Sep 04,2015 14:50	Job Complete		--	--	--	--	104.60
29	Sep 04,2015 15:00	Leave Location		--	--	--	--	104.60
		Remarks: Revisit JSA, leave location safely.						

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

### Material Transfer Sheet Number

Material Transfer Sheet Number

65659

65660