



Pumping Service Report

9197598

Client Name Anadarko Petroleum Corporation	Well Name Magness34 - 26A	Rig ECWS 22	Job Date May 05,2015	Call Sheet 1057565
Client Representative Mr. Bill Smith	Surface Well Location SW SE Sec 26:T3N:R67W	Down Hole Well Location	Job Type Bradenhead Squeeze	Lead Supervisor Klosterman, Austin (27698)

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	--	4,848.000	365.000	--	--

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		--	--	--	--	--	0.0	365.0
3.500	7.700		--	--	--	--	--	0.0	7,449.0

Products

Plug 1

From Depth (ft): 4848
To Depth (ft): 4200
Plug Type : Well Stability

Acids/Blends/Fluids :

Tail: 200 Sacks of 1-1-0 G, Density = 14.6 lb/gal, Volume Pumped = 40 (bbl)

Water Temperature(°F) = 55 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 70

- + 0.6 % of CFL-2 (Preblend),
- + 0.5 % of CFR (Preblend),
- + 0.6 % of SMS (Preblend),
- + 0.2 % of SPC-2 (Preblend),
- + 0.4 % of LTR (Preblend)

Plug 2

From Depth (ft): 317
To Depth (ft): 317
Plug Type : Well Stability

Acids/Blends/Fluids :

Tail: 225 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 53 (bbl)

Water Temperature(°F) = 55 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 70

- + 0.3 % of CFL-3 (Preblend),
- + 0.3 % of CFR-2 (Preblend),
- + 0.4 % of CDF-4P (Preblend),
- + 0.5 % of CaCl₂ (Preblend),
- + 0.25 lb/sack of Polyflake (Preblend)



Pumping Service Report

9197598

Fluid & Cement Data

Expected Cement Top: Depth (ft): 317

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	--	8.400	--	--	Jan 15, 2015 18:10

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>
449095	TRAILER	Utility Trailer	201025	PICKUP	1 Ton	05/05/2015 06:30	05/05/2015 12:00
445070	TRAILER	SCM Twin	745070	TRACTOR	Tandem - Tractor	05/05/2015 06:30	05/05/2015 12:00
446152	TRAILER	Bulker	746152	TRACTOR	Tandem - Tractor	05/05/2015 06:30	05/05/2015 12:00

Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Klosterman, Austin (27698)	05/05/2015 06:30	05/05/2015 12:00		
Schroeder, Stephen (25442)	05/05/2015 06:30	05/05/2015 12:00		
Dunsbergen, Scott (29737)	05/05/2015 06:30	05/05/2015 12:00		
Molina, Alejandro (29922)	05/05/2015 06:30	05/05/2015 12:00		
Daylong, Eric (28076)	05/05/2015 06:30	05/05/2015 12:00		



Pumping Service Report

9197598

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	May 05,2015 06:30	Arrive On Location		0.00	0.0	0.0	0.00	0.00
2	May 05,2015 06:40	Crew Briefing (Rig in)		0.00	0.0	0.0	0.00	0.00
3	May 05,2015 07:25	Rig in Complete		0.00	0.0	0.0	0.00	0.00
4	May 05,2015 07:30	Crew Briefing (Pre Job)		0.00	0.0	0.0	0.00	0.00
5	May 05,2015 07:37	Pressure Test Start		0.00	4,300.0	0.0	0.00	0.00
6	May 05,2015 07:38	Pressure Test Complete		0.00	4,300.0	0.0	0.00	0.00
7	May 05,2015 07:40	Pump Preflush	Water	1.50	1,100.0	0.0	5.00	5.00
		Remarks: Fresh.						
8	May 05,2015 07:44	Pump Preflush	Water	1.50	1,100.0	0.0	20.00	25.00
		Remarks: SMS.						
9	May 05,2015 07:56	Pump Preflush	Water	1.50	1,100.0	0.0	1.50	26.50
		Remarks: Fresh.						
10	May 05,2015 08:02	Pump	1-1-0 G	1.50	2,200.0	0.0	40.00	66.50
		Remarks: Mix up and pump 200sx @14.6#, Yield 1.12, WR 4.62, Mix H2O 22bbls. Scaled @0803-0815@14.6#.						
11	May 05,2015 08:28	Displace Fluid	Water	1.50	2,300.0	0.0	8.00	74.50
12	May 05,2015 09:00	Wait On Instructions		0.00	0.0	0.0	0.00	74.50
13	May 05,2015 09:45	Establish Circulation	Water	1.50	300.0	0.0	5.00	5.00
		Remarks: Fresh.						
14	May 05,2015 09:51	Pump	0:1:0 Type III	1.50	300.0	0.0	53.00	58.00
		Remarks: Mix up and pump 225sx @14.8#, Yield 1.33, WR 6.31, Mix H2O 33bbls, Scaled @0953-1010@14.8#						
15	May 05,2015 10:25	Displace Fluid	Water	1.50	700.0	0.0	1.50	59.50
16	May 05,2015 11:00	Rig Out		0.00	0.0	0.0	0.00	59.50
17	May 05,2015 11:30	Job Complete		0.00	0.0	0.0	0.00	74.50
18	May 05,2015 12:00	Leave Location		0.00	0.0	0.0	0.00	74.50

Did Float Hold: Not Applicable

Fluid Returns : No

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

57449

57448