



Pumping Service Report

9204140

Client Name Anadarko Petroleum Corporation	Well Name UPRR 22 Pan Am U #2	Rig Basic 1549	Job Date May 28,2015	Call Sheet 1058024
Client Representative Mr. Bill Smith	Surface Well Location NW NW Sec 21:T3N:R65W	Down Hole Well Location	Job Type Bradenhead Squeeze	Lead Supervisor Prigmore, Dominic (27161)

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	--	693.000	4,880.000	--	--

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	44.13	8.097	9.625	0.0	693.0
5.500	17.000	J-55	4,910.0	5,320.0	113.45	4.892	6.050	0.0	4,880.0

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	9.030	1.380	2.200	0.000	4,880.000

Products

Plug 1

From Depth (ft): 3421

To Depth (ft): 4880

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 330 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 65 (bbl)

Water Temperature(°F) = 66 , Bulk Temperature(°F) = 66 , Slurry Temperature(°F) = 66

+ 0.3 % of CFR (Preblend),

+ 0.3 % of AS-3 (Preblend),

+ 0.1 % of LTR (Preblend),

+ 0.25 lb/sack of Polyflake (Preblend),

+ 0.2 % of SPC-2 (Preblend)

Plug 2

From Depth (ft): 400

To Depth (ft): 1300

Plug Type : Well Stability

Acids/Blends/Fluids :

Tail: 210 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 49 (bbl)

Water Temperature(°F) = 66 , Bulk Temperature(°F) = 66 , Slurry Temperature(°F) = 66

+ 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

9204140

Fluid & Cement Data

Expected Cement Top: Depth (ft): 400

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>
449093	TRAILER	Utility Trailer	201168	PICKUP	1 Ton	05/28/2015 06:15	05/28/2015 14:00
445070	TRAILER	SCM Twin	745070	TRACTOR	Tandem - Tractor	05/28/2015 06:15	05/28/2015 14:00
446200	TRAILER	Bulker	746200	TRACTOR	Tandem - Tractor	05/28/2015 06:15	05/28/2015 14:00
201346	PICKUP	1/2 Ton				05/28/2015 06:15	05/28/2015 14:00

Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Prigmore, Dominic (27161)	05/28/2015 06:15	05/28/2015 14:00		
Svoboda, Miloslav (28226)	05/28/2015 06:15	05/28/2015 14:00		
Hansen, Ted (29055)	05/28/2015 06:15	05/28/2015 14:00		
Devine, Richard (29733)	05/28/2015 06:15	05/28/2015 14:00		
Joyner, Barlen (28603)	05/28/2015 06:15	05/28/2015 14:00		



Pumping Service Report

9204140

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 28,2015 06:15	Arrive On Location		--	--	--	--	0.00
2	May 28,2015 06:20	Crew Briefing (Rig in)		--	--	--	--	0.00
3	May 28,2015 08:15	Rig in Complete		--	--	--	--	0.00
		Remarks: Complication with bulk truck stuck in sand, therefore rig in took longer						
4	May 28,2015 09:11	Crew Briefing (Pre Job)		--	--	--	--	0.00
		Remarks: JSA on location						
5	May 28,2015 09:25	Pressure Test Start	Water	--	3,000.0	--	1.00	0.00
6	May 28,2015 09:27	Pressure Test Complete	Water	--	3,000.0	--	--	0.00
		Remarks: Good P.T						
7	May 28,2015 09:30	Pump Preflush		2.00	1,700.0	--	20.00	20.00
		Remarks: Pumped SMS						
8	May 28,2015 09:40	Pump Spacer	Water	2.00	2,000.0	--	5.00	25.00
		Remarks: Fresh Water Spacer						
9	May 28,2015 09:43	Mix Cement	0-1-0 G	2.00	2,000.0	--	65.00	90.00
		Remarks: TOC 3421' Water Req. 4.93 Yield 1.15						
10	May 28,2015 10:23	Displace Fluid	Water	2.00	1,600.0	--	7.00	97.00
		Remarks: Displaced to balance.						
11	May 28,2015 10:30	Wait On Instructions		--	--	--	--	97.00
		Remarks: Rig pulled tubing at a depth to 1300'						
12	May 28,2015 11:55	Pressure Test	Water	--	2,500.0	--	1.00	98.00
		Remarks: P.T						
13	May 28,2015 12:04	Establish Circulation	Water	1.00	125.0	--	5.00	103.00
		Remarks: Circulation Achieved.						
14	May 28,2015 12:12	Mix Cement	0:1:0 Type III	2.00	1,000.0	--	49.70	152.70
		Remarks: TOC 400' Water Req. 6.31 Yield 1.33						
15	May 28,2015 12:27	Displace Fluid	Water	2.00	1,000.0	--	1.00	153.70
		Remarks: Displaced to balance.						
16	May 28,2015 12:35	Job Complete		--	--	--	--	153.70
17	May 28,2015 14:00	Leave Location		--	--	--	--	153.70
18	#Error			--	--	--	--	--

Did Float Hold:

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

57965