



Pumping Service Report

9203864

Client Name Anadarko Petroleum Corporation	Well Name Northmoor Acres 24 - 14B	Rig ECWS 7	Job Date April 15,2015	Call Sheet 1057237
Client Representative Mr. Dave Donoho	Surface Well Location SE SW Sec 24:T4N:R68W	Down Hole Well Location	Job Type Abandonment Plugs	Lead Supervisor Hall, Andrew J (25267)



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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	10.000	0.000	1,910.000	--	--

Tubing

Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)
2.875	6.500	J-55	7,680.000	11.060	2.441	3.668	0.000	1,910.000

Products

Plug 1

From Depth (ft): 1446

To Depth (ft): 1910

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 160 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 32.77 (bbl)

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

+ 0.5 % of CFR-2 (Preblend),

+ 0.2 % of FMC (Preblend),

+ 0.5 % of LWA (Preblend),

+ 0.25 lb/sack of Polyflake (Preblend)

Fluid & Cement Data

Expected Cement Top: --

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Mar 27, 2015 07:11

Units & Personnel

Units

Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
201017	PICKUP	1 Ton				04/15/2015 10:00	04/15/2015 12:30
740018-1	BODY JOB	C & A				04/15/2015 10:00	04/15/2015 12:30
746506	BODY JOB	Baby Bulker				04/15/2015 10:00	04/15/2015 12:30

Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Hall, Andrew J (25267)	04/15/2015 10:00	04/15/2015 12:30		
Joyner, Barlen (28603)	04/15/2015 10:00	04/15/2015 12:30		
Barden, Sean (27711)	04/15/2015 10:00	04/15/2015 12:30		
Leon, Justin (30152)	04/15/2015 10:00	04/15/2015 12:30		



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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	Apr 15,2015 10:00	Arrive On Location		--	--	--	--	0.00
2	Apr 15,2015 10:10	Crew Briefing (Rig in)		--	--	--	--	0.00
3	Apr 15,2015 10:30	Rig in Complete		--	--	--	--	0.00
4	Apr 15,2015 10:35	Crew Briefing (Pre Job)		--	--	--	--	0.00
5	Apr 15,2015 10:48	Pressure Test Start	Water	1.00	2,000.0	--	3.00	3.00
6	Apr 15,2015 10:50	Pressure Test Complete		--	--	--	--	3.00
7	Apr 15,2015 10:52	Establish Circulation	Water	3.00	250.0	--	10.00	13.00
8	Apr 15,2015 10:56	Pump	0-1-0 G	3.00	300.0	--	32.77	45.77
9	Apr 15,2015 11:03	Displace Fluid	Water	2.00	300.0	--	8.37	54.14
10	Apr 15,2015 12:00	Job Complete		--	--	--	--	54.14
		Remarks: AAR						
11	Apr 15,2015 12:30	Leave Location		--	--	--	--	54.14

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

57309



Pumping Service Report

9203792

Client Name Anadarko Petroleum Corporation	Well Name Northmoor Acres 24 - 14B	Rig ECWS 7	Job Date April 16,2015	Call Sheet 1057251
Client Representative Mr. Dave Donoho	Surface Well Location SE SW Sec 24:T4N:R68W	Down Hole Well Location	Job Type Abandonment Plugs	Lead Supervisor Douglass, Brian (23898)

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)
11.000	40.000	0.000	920.000	--	--

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	201.0

Tubing

Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)
2.875	6.500		--	--	--	--	0.000	920.000

Products

Plug 1

From Depth (ft): 0

To Depth (ft): 920

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 410 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 101 (bbl)

Water Temperature(°F) = 50 , Bulk Temperature(°F) = 36 , Slurry Temperature(°F) = 78

+ 0.3 % of CFR-2 (Preblend),

+ 0.3 % of CFL-3 (Preblend),

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

+ 0.25 % of Polyflake (Preblend)

Fluid & Cement Data

Expected Cement Top: Surface

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Mar 27, 2015 07:11



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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>	
449087	TRAILER	Utility Trailer	201009	PICKUP	1 Ton	04/16/2015 08:45	04/16/2015 11:40	
445052	TRAILER	SCM Twin	745052	TRACTOR	Tandem - Tractor	04/16/2015 08:45	04/16/2015 11:40	
446172	TRAILER	Bulker	746172	TRACTOR	Tandem - Tractor	04/16/2015 08:45	04/16/2015 11:40	
Crew and Bonuses								
<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>				
Douglass, Brian (23898)	04/16/2015 08:45	04/16/2015 11:40						
Leue, David (28684)	04/16/2015 08:45	04/16/2015 11:40						
Faircloth, Branden (29706)	04/16/2015 08:45	04/16/2015 11:40						
Vasquez, Brandon (29989)	04/16/2015 08:45	04/16/2015 11:40						
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	Apr 16,2015 08:45	Arrive On Location		--	--	--	--	0.00
2	Apr 16,2015 08:55	Crew Briefing (Rig in)		--	--	--	--	0.00
3	Apr 16,2015 09:30	Rig in Complete		--	--	--	--	0.00
4	Apr 16,2015 09:45	Crew Briefing (Pre Job)		--	--	--	--	0.00
5	Apr 16,2015 09:55	Pressure Test Start		--	2,000.0	--	--	0.00
6	Apr 16,2015 09:56	Pressure Test Complete		--	--	--	--	0.00
7	Apr 16,2015 09:58	Establish Circulation	Water	2.00	50.0	--	3.00	0.00
8	Apr 16,2015 10:02	Pump	0:1:0 Type III	3.00	500.0	--	101.00	0.00
		Remarks: WR: 6.31 Yield: 1.33 Density: 14.8						
9	Apr 16,2015 10:42	Displace Fluid	Water	1.00	25.0	--	1.00	0.00
10	Apr 16,2015 10:47	Stop		--	--	--	--	0.00
11	Apr 16,2015 11:00	Rig Out		--	--	--	--	0.00
12	Apr 16,2015 11:20	Job Complete		--	--	--	--	0.00
13	Apr 16,2015 11:30	Pre-Departure Meeting		--	--	--	--	0.00
14	Apr 16,2015 11:40	Leave Location		--	--	--	--	0.00
Did Float Hold:		Not Applicable						
Fluid Returns :		Yes						
Type :		Cement						
Volume (bbl) :		1						
Temperature (°F) :		67						
FDAS Functioning Correctly :		Yes						
Was the Program Followed As Per Design? :		Yes						
Material Transfer Sheet Number								
<u>Material Transfer Sheet Number</u>								
57316								