



**Pumping  
Service Report**

**9198102**

|   |  |                         |                                |                       |
|---|--|-------------------------|--------------------------------|-----------------------|
| Client Name<br>Anadarko Petroleum Corporation | Well Name<br>UPRR 43 PAN AM Y #1               | Rig<br>Basic 1509       | Job Date<br>September 05, 2014 | Call Sheet<br>1046627 |
| Client Representative<br>Fausto Rivera        | Surface Well Location<br>NE NE Sec 25:T1N:R68W | Down Hole Well Location | Job Type<br>Abandonment Plugs  |                       |

**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)     |
| 5.500 | 0.000   | ---   | --                | --                      | --       | --   | --   | --         | --       |

**Tubing**

| Size  | Weight  | Grade | Collapse Pressure | Capacity | I.D.  | O.D.  | Depth From | Depth To  |
|-------|---------|-------|-------------------|----------|-------|-------|------------|-----------|
| (in)  | (lb/ft) |       | (psi)             | (bbl)    | (in)  | (in)  | (ft)       | (ft)      |
| 2.375 | 4.700   | J-55  | 8,100.000         | 19.560   | 1.995 | 2.910 | 0.000      | 5,060.000 |

**Products**

**Plug 1**

From Depth (ft):

To Depth (ft):

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 15 Sacks of Thermal 35, Density = 15.8 lb/gal, Volume Pumped = 4 (bbl)

Water Temperature(°F) = 60 , Bulk Temperature(°F) = 70 , Slurry Temperature(°F) = 75

+ 0.5 % of CFR-2 (Preblend),

+ 0.25 % of FMC (Preblend)

**Fluid & Cement Data**

Expected Cement Top: --

**Wellbore Fluid**

| Fluid Type | Viscosity (cP) | Density (lbs/gal) | Yield Point (psi) | Temperature (°F) | Recorded@          |
|------------|----------------|-------------------|-------------------|------------------|--------------------|
| Water      | --             | 8.400             | --                | --               | Jul 14, 2014 11:16 |



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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> |
| 200868                | PICKUP           | 3/4 Ton         |                         |                  |                     | 09/05/2014 08:00        | 09/05/2014 10:45         |
| 445047                | TRAILER          | SCM Twin        | 745047                  | TRACTOR          | Tandem -<br>Tractor | 09/05/2014 08:00        | 09/05/2014 10:45         |
| 746508                | BODY JOB         | Baby Bulker     |                         |                  |                     | 09/05/2014 08:00        | 09/05/2014 10:45         |

**Crew and Bonuses**

| <u>Employee</u> | <u>Start Shift</u> | <u>End Shift</u> | <u>Second Start Shift</u> | <u>Second End Shift</u> |
|-----------------|--------------------|------------------|---------------------------|-------------------------|
| Lopez, Armando  | 09/05/2014 08:00   | 09/05/2014 10:45 |                           |                         |
| Teegerstrom, Ty | 09/05/2014 08:00   | 09/05/2014 10:45 |                           |                         |
| Cox, Brandon    | 09/05/2014 08:00   | 09/05/2014 10:45 |                           |                         |
| Daylong, Eric   | 09/05/2014 08:00   | 09/05/2014 10:45 |                           |                         |

**Treatment Reports & Remarks**

**Treatment Report**

| <u>Event #</u> | <u>Event Time</u> | <u>Event Description</u> | <u>Fluid Type</u> | <u>Rate</u><br>(bbl/min) | <u>Tubular Pressure</u><br>(psi) | <u>Annular Pressure</u><br>(psi) | <u>Stage Volume</u><br>(bbl) | <u>Total Volume</u><br>(bbl) |
|----------------|-------------------|--------------------------|-------------------|--------------------------|----------------------------------|----------------------------------|------------------------------|------------------------------|
| 1              | Sep 05,2014 08:00 | Arrive On Location       | ---               | --                       | --                               | --                               | --                           | 0.00                         |
| 2              | Sep 05,2014 08:05 | Tailgate Meeting         | ---               | --                       | --                               | --                               | --                           | 0.00                         |
| 3              | Sep 05,2014 08:15 | Rig In                   | ---               | --                       | --                               | --                               | --                           | 0.00                         |
| 4              | Sep 05,2014 09:15 | Safety Meeting           | ---               | --                       | --                               | --                               | --                           | 0.00                         |
| 5              | Sep 05,2014 09:30 | Sign-off on Safety       | ---               | --                       | --                               | --                               | --                           | 0.00                         |
| 6              | Sep 05,2014 09:37 | Start - Fluid            | Water             | 2.00                     | 130.0                            | --                               | 1.00                         | 1.00                         |
| 7              | Sep 05,2014 09:38 | Pressure Test            | ---               | --                       | 2,500.0                          | --                               | --                           | 1.00                         |
| 8              | Sep 05,2014 09:40 | Pump Spacer              | Water             | 2.00                     | 240.0                            | --                               | 5.00                         | 6.00                         |
| 9              | Sep 05,2014 09:45 | Mix Cement               | Thermal 35        | 2.00                     | 270.0                            | --                               | 4.00                         | 10.00                        |
| 10             | Sep 05,2014 09:48 | Displace Fluid           | Water             | 2.00                     | 380.0                            | --                               | 18.00                        | 28.00                        |
| 11             | Sep 05,2014 10:05 | Wash                     | ---               | --                       | --                               | --                               | --                           | 0.00                         |
| 12             | Sep 05,2014 10:20 | Rig Out                  | ---               | --                       | --                               | --                               | --                           | 0.00                         |
| 13             | Sep 05,2014 10:30 | Job Complete             | ---               | --                       | --                               | --                               | --                           | 0.00                         |
| 14             | Sep 05,2014 10:35 | Pre-Departure Meeting    | ---               | --                       | --                               | --                               | --                           | 0.00                         |
| 15             | Sep 05,2014 10:45 | Leave Location           | ---               | --                       | --                               | --                               | --                           | 0.00                         |

Did Float Hold: Not Applicable

Fluid Returns : Yes

Type : Water

Volume (bbl) : 10

Temperature (°F) : 70

FDAS Functioning Correctly : Yes

Was the Program Followed As Per Design? : Yes

**Material Transfer Sheet Number**

Material Transfer Sheet Number

46991