Sanjel

# Pumping Service Report

## 9198168

| Client Name | Well Name | Rig | Job Date | Call Sheet |
|---|---|---|---|---|
| Anadarko Petroleum Corporation | Dolph 33 - 1 | Concord Well Servicing 3 | December 11,2014 | 1051872 |
| **Client Representative** | **Surface Well Location** | **Down Hole Well Location** | **Job Type** | |
| Mr. Rigo Cintora | SW SW Sec 1:T2N:R66W | | 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): --- @ --

**Tubing**

| Size (in) | Weight (lb/ft) | Grade | Collapse Pressure (psi) | Capacity (bbl) | I.D. (in) | O.D. (in) | Depth From (ft) | Depth To (ft) |
|---|---|---|---|---|---|---|---|---|
| 2.375 | 0.000 | | -- | -- | -- | -- | -- | -- |

## Products

**Plug 1**

From Depth (ft): 7950

To Depth (ft): 6700

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 65 Sacks of Thermal 35, Density = 15.8 lb/gal, Volume Pumped = 17.5 (bbl)
Water Temperature(°F) = 50 , Bulk Temperature(°F) = 40 , Slurry Temperature(°F) = 50
+ 0.3 % of CFR-2 (Preblend),
+ 0.3 % of ASM-3 (Preblend)

**Plug 2**

From Depth (ft): 5400

To Depth (ft): 4200

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 80 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 16.4 (bbl)
Water Temperature(°F) = 50 , Bulk Temperature(°F) = 40 , Slurry Temperature(°F) = 50
+ 0.5 % of CFR-2 (Preblend),
+ 0.2 % of FMC (Preblend),
+ 0.5 % of LWA (Preblend)

## Fluid & Cement Data

Expected Cement Top: Depth (ft): 4200

**Wellbore Fluid**

| Fluid Type | Viscosity (cP) | Density (lbs/gal) | Yield Point (psi) | Temperature (°F) | Recorded@ |
|---|---|---|---|---|---|
| Water | -- | -- | -- | -- | Oct 08, 2014 17:28 |

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# Pumping Service Report

## 9198168

## Units & Personnel

**Units**

| Truck Unit No. | Main Type | Sub Type | Tractor Unit No. | Main Type | Sub Type | Time On Location | Time Off Location |
|---|---|---|---|---|---|---|---|
| 200918 | PICKUP | 3/4 Ton | | | | 12/11/2014 09:00 | 12/11/2014 13:00 |
| 740067 | BODY JOB | C & A | | | | 12/11/2014 09:00 | 12/11/2014 13:00 |
| 446047 | TRAILER | Bulker | 746047 | TRACTOR | Tandem - Tractor | 12/11/2014 09:00 | 12/11/2014 13:00 |

**Crew and Bonuses**

| Employee | Start Shift | End Shift | Second Start Shift | Second End Shift |
|---|---|---|---|---|
| Schroeder, Stephen | 12/11/2014 06:30 | 12/11/2014 13:30 | | |
| Cheal, Samuel | 12/11/2014 06:30 | 12/11/2014 13:30 | | |
| Hall, Austin | 12/11/2014 06:30 | 12/11/2014 13:30 | | |
| Welch, Steven | 12/11/2014 06:30 | 12/11/2014 13:30 | | |

## 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 | Dec 11,2014 09:00 | Arrive On Location | --- | -- | -- | -- | -- | 0.00 |
| 2 | Dec 11,2014 09:15 | STEACS Briefing | --- | -- | -- | -- | -- | 0.00 |
| 3 | Dec 11,2014 09:15 | Tailgate Meeting | --- | -- | -- | -- | -- | 0.00 |
| 4 | Dec 11,2014 09:30 | Rig In | --- | -- | -- | -- | -- | 0.00 |
| 5 | Dec 11,2014 09:50 | Safety Meeting | --- | -- | -- | -- | -- | 0.00 |
| 6 | Dec 11,2014 09:50 | Sign-off on Safety | --- | -- | -- | -- | -- | 0.00 |
| 7 | Dec 11,2014 10:09 | Pump | Water | 2.00 | 100.0 | -- | 2.00 | 0.00 |
| | Remarks: Fill lines | | | | | | | |
| 8 | Dec 11,2014 10:13 | Pressure Test | Water | -- | 3,000.0 | -- | -- | 0.00 |
| 9 | Dec 11,2014 10:15 | Pump | Water | 2.00 | 500.0 | -- | 3.00 | 0.00 |
| | Remarks: Fresh Water Ahead | | | | | | | |
| 10 | Dec 11,2014 10:17 | Mix Cement | Thermal 35 | 2.00 | 100.0 | -- | 17.50 | 0.00 |
| | Remarks: Thermal 35 @ 15.8ppg Y=1.51 WR=6.23 | | | | | | | |
| 11 | Dec 11,2014 10:27 | Displace Fluid | Water | 2.00 | 600.0 | -- | 26.00 | 0.00 |
| | Remarks: Displace to balance | | | | | | | |
| 12 | Dec 11,2014 10:40 | Wait On Instructions | --- | -- | -- | -- | -- | 0.00 |
| 13 | Dec 11,2014 11:30 | Pump | Water | 2.00 | 100.0 | -- | 5.00 | 0.00 |
| | Remarks: Fresh Water Ahead | | | | | | | |
| 14 | Dec 11,2014 11:36 | Mix Cement | 0-1-0 G | 2.00 | 400.0 | -- | 16.40 | 0.00 |
| | Remarks: 0:1:0 "G" @ 15.8ppg Y=1.15 WR=4.98 | | | | | | | |
| 15 | Dec 11,2014 11:43 | Displace Fluid | Water | 2.00 | 400.0 | -- | 16.50 | 0.00 |
| | Remarks: Displace to balance | | | | | | | |
| 16 | Dec 11,2014 11:50 | Rig Out | --- | -- | -- | -- | -- | 0.00 |
| 17 | Dec 11,2014 12:50 | Pre-Departure Meeting | --- | -- | -- | -- | -- | 0.00 |
| 18 | Dec 11,2014 13:00 | Leave Location | --- | -- | -- | -- | -- | 0.00 |
| 19 | Dec 11,2014 13:00 | Job Complete | --- | -- | -- | -- | -- | 0.00 |

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**Pumping Service Report**

**9198168**

## Treatment Reports & Remarks

| | |
|---|---|
| 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 |
|---|
| 54346 |
| 54347 |

## Comments To Service Report

Job performed as proposed. Mix and pump 17.5 bbls Thermal 35 + @ 15.8ppg, Y=1.51, Wr 6.23 Displace 26bbls to balance. Pull Tubing. Mix and pump 16.4bbls 0:1:0 "G" + @ 15.8ppg Y=1.15, WR=4.98, Displace 16.4bbls to balance.

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# Pumping Service Report

**9201534**

## 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 (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 | 931.0 |
| 4.500 | 11.600 | | -- | -- | -- | -- | -- | 0.0 | 900.0 |

**Tubing**

| Size (in) | Weight (lb/ft) | Grade | Collapse Pressure (psi) | Capacity (bbl) | I.D. (in) | O.D. (in) | Depth From (ft) | Depth To (ft) |
|---|---|---|---|---|---|---|---|---|
| 2.375 | 4.700 | | -- | -- | -- | -- | 0.000 | 1,184.000 |

## Products

**Plug 1**

From Depth (ft): 510

To Depth (ft): 1184

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 150 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 35.5 (bbl)
Water Temperature(°F) = 45 , Bulk Temperature(°F) = 50 , Slurry Temperature(°F) = 70
+ 0.5 % of CaCl2 (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)

## Fluid & Cement Data

Expected Cement Top: Depth (ft): 510

**Wellbore Fluid**

| Fluid Type | Viscosity (cP) | Density (lbs/gal) | Yield Point (psi) | Temperature (°F) | Recorded@ |
|---|---|---|---|---|---|
| Water | -- | -- | -- | -- | Oct 08, 2014 17:28 |

## Units & Personnel

**Units**

| Truck Unit No. | Main Type | Sub Type | Tractor Unit No. | Main Type | Sub Type | Time On Location | Time Off Location |
|---|---|---|---|---|---|---|---|
| 201273 | PICKUP | 3/4 Ton | | | | 12/12/2014 10:30 | 12/12/2014 12:09 |
| 740067 | BODY JOB | C & A | | | | 12/12/2014 10:30 | 12/12/2014 12:09 |
| 746508 | BODY JOB | Baby Bulker | | | | 12/12/2014 10:30 | 12/12/2014 12:09 |

**Crew and Bonuses**

| Employee | Start Shift | End Shift | Second Start Shift | Second End Shift |
|---|---|---|---|---|
| Douglass, Brian (23898) | 12/12/2014 10:30 | 12/12/2014 12:09 | | |
| Cheal, Samuel (28315) | 12/12/2014 10:30 | 12/12/2014 12:09 | | |
| Hall, Austin (28887) | 12/12/2014 10:30 | 12/12/2014 12:09 | | |

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# Pumping Service Report

**9201534**

## 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 | Dec 12,2014 10:00 | Arrive On Location | | -- | -- | -- | -- | 0.00 |
| 2 | Dec 12,2014 10:05 | Crew Briefing (Rig in) | | -- | -- | -- | -- | 0.00 |
| 3 | Dec 12,2014 11:00 | Rig in Complete | | -- | -- | -- | -- | 0.00 |
| 4 | Dec 12,2014 11:05 | Crew Briefing (Pre Job) | | -- | -- | -- | -- | 0.00 |
| 5 | Dec 12,2014 11:10 | Pressure Test Start | | -- | -- | -- | -- | 0.00 |
| 6 | Dec 12,2014 11:12 | Pressure Test Complete | | -- | -- | -- | -- | 0.00 |
| 7 | Dec 12,2014 11:14 | Pump Preflush | Water | 2.00 | 250.0 | -- | 10.00 | 10.00 |
| | Remarks: with sapp | | | | | | | |
| 8 | Dec 12,2014 11:17 | Pump Preflush | Water | 2.00 | 200.0 | -- | 5.00 | 15.00 |
| 9 | Dec 12,2014 11:20 | Pump | 0:1:0 Type III | 3.00 | 400.0 | -- | 35.50 | 50.50 |
| 10 | Dec 12,2014 11:31 | Displace Fluid | Water | 2.50 | 500.0 | -- | 4.00 | 54.50 |
| 11 | Dec 12,2014 11:40 | Rig Out | | -- | -- | -- | -- | 54.50 |
| 12 | Dec 12,2014 12:00 | Job Complete | | -- | -- | -- | -- | 54.50 |
| 13 | Dec 12,2014 12:09 | Leave Location | | -- | -- | -- | -- | 54.50 |

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 |
|---|
| 54368 |