



Pumping Service Report

9193239

| | | | | |
|--|--|------------------------------------|--------------------------------|--|
| Client Name Anadarko Petroleum Corporation | Well Name Gunzner 22 - 13 | Rig Concord Well Servicing 7 | Job Date January 22,2015 | Call Sheet 1053971 |
| Client Representative Mr. Clayton Everheart | Surface Well Location NE SW Sec 13:T3N:R67W | Down Hole Well Location | Job Type Bradenhead Squeeze | Lead Supervisor Contreras, Bennie (23469) |

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) |
|-----------|------------|---------------|-------------|---------------|-------------|
| 8.125 | -- | 786.000 | 1,300.000 | -- | -- |

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 | J-55 | 1,370.0 | 2,950.0 | 50.06 | 8.097 | 9.625 | 0.0 | 786.0 |
| 4.500 | 11.600 | J-55 | 4,960.0 | 5,350.0 | 20.21 | 4.000 | 5.000 | 0.0 | 1,300.0 |

Tubing

| Size (in) | Weight (lb/ft) | Grade | Collapse Pressure (psi) | Capacity (bbl) | I.D. (in) | O.D. (in) | Depth From (ft) | Depth To (ft) |
|--------------|-------------------|-------|----------------------------|-------------------|--------------|--------------|--------------------|------------------|
| 1.315 | 1.800 | J-55 | 10,000.000 | 1.390 | 1.049 | 1.900 | 0.000 | 1,300.000 |

Products

Plug 1

From Depth (ft): 687

To Depth (ft): 1300

Plug Type : Well Stability

Acids/Blends/Fluids :

Tail: 150 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 35.5 (bbl)

Water Temperature(°F) = 50 , Bulk Temperature(°F) = 50 , Slurry Temperature(°F) = 68

+ 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: --

Wellbore Fluid

| Fluid Type | Viscosity (cP) | Density (lbs/gal) | Yield Point (psi) | Temperature (°F) | Recorded@ |
|------------|----------------|-------------------|-------------------|------------------|--------------------|
| Water | -- | 8.400 | -- | -- | Jan 15, 2015 18:10 |



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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> |
| 201173 | PICKUP | 1 Ton | | | | 01/22/2015 09:30 | 01/22/2015 12:30 |
| 745051 | TRACTOR | Tandem - Tractor | | | | 01/22/2015 09:30 | 01/22/2015 12:30 |
| 746506 | BODY JOB | Baby Bulker | | | | 01/22/2015 09:30 | 01/22/2015 12:30 |
| Crew and Bonuses | | | | | | | |
| <u>Employee</u> | <u>Start Shift</u> | <u>End Shift</u> | <u>Second Start Shift</u> | <u>Second End Shift</u> | | | |
| Contreras, Bennie (23469) | 01/22/2015 09:30 | 01/22/2015 12:30 | | | | | |
| Barden, Sean (27711) | 01/22/2015 09:30 | 01/22/2015 12:30 | | | | | |
| Paiu, Vladislav (28091) | 01/22/2015 09:30 | 01/22/2015 12:30 | | | | | |
| Meade, James (29964) | 01/22/2015 09:30 | 01/22/2015 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 | Jan 22,2015 09:30 | Arrive On Location | | -- | -- | -- | -- | 0.00 |
| | | Remarks: Arrived. | | | | | | |
| 2 | Jan 22,2015 09:40 | Crew Briefing (Rig in) | | -- | -- | -- | -- | 0.00 |
| | | Remarks: Talked about spotting trucks and rigging in. | | | | | | |
| 3 | Jan 22,2015 10:00 | Rig in Complete | | -- | -- | -- | -- | 0.00 |
| | | Remarks: Rig in complete. | | | | | | |
| 4 | Jan 22,2015 10:21 | Crew Briefing (Pre Job) | | -- | -- | -- | -- | 0.00 |
| | | Remarks: Muster, 911 caller, Nearest med., Amb. and driver, Location safety equipt., Job scope. | | | | | | |
| 5 | Jan 22,2015 11:02 | Pressure Test Start | Water | -- | 3,500.0 | -- | -- | 0.00 |
| | | Remarks: Pressure test 3500 psi. | | | | | | |
| 6 | Jan 22,2015 11:04 | Pressure Test Complete | | -- | -- | -- | -- | 0.00 |
| | | Remarks: Pressure test complete. | | | | | | |
| 7 | Jan 22,2015 11:05 | Establish Circulation | Water | 3.00 | 1,000.0 | -- | 5.00 | 5.00 |
| | | Remarks: Establish circulation. | | | | | | |
| 8 | Jan 22,2015 11:07 | Pump Preflush | Water | 3.00 | 1,200.0 | -- | 20.00 | 25.00 |
| | | Remarks: 20 BBLs of SMS. | | | | | | |
| 9 | Jan 22,2015 11:13 | Pump Spacer | Water | 2.00 | 1,200.0 | -- | 5.00 | 30.00 |
| | | Remarks: 5 BBL fresh water spacer. | | | | | | |
| 10 | Jan 22,2015 11:16 | Mix Cement | 0:1:0 Type III | 3.00 | 1,850.0 | -- | 35.50 | 65.50 |
| | | Remarks: Mix and pump 35.5 BBLs of cement @ 14.8 lb/gal. | | | | | | |
| 11 | Jan 22,2015 11:27 | Displace Fluid | Water | 3.00 | 1,800.0 | -- | 1.00 | 66.50 |
| | | Remarks: Displace 1 BBL water. | | | | | | |
| 12 | Jan 22,2015 12:00 | Rig Out | | -- | -- | -- | -- | 66.50 |
| | | Remarks: Rig down iron. | | | | | | |
| 13 | Jan 22,2015 12:10 | Job Complete | | -- | -- | -- | -- | 66.50 |
| | | Remarks: Job complete. | | | | | | |
| 14 | Jan 22,2015 12:30 | Leave Location | | -- | -- | -- | -- | 66.50 |
| | | Remarks: Leave. | | | | | | |

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

55213

55212