SIDES TWO

Operator Name: ANADARKO PETROLEUM CORPORATION
Lease Name: FITHIAN "A"
Well #: 2

Sec. 9 Twp. 33S Rge. 39
East
West

County: MORTON

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken
☐ Yes ☒ No

Samples Sent to Geological Survey
☒ Yes ☐ No

Cores Taken
☐ Yes ☒ No

Electric Log Run
☒ Yes ☐ No

List All Logs Run: DIL, CM-LDT, ML, BHC SONIC.

☐ Log Formation (Top), Depth and Datums
☐ Sample

Name
CHASE 2424
COUNCIL GROVE 2752
B/HEEBNER 3994
MARMATON 4810
MORROM 5596
STE. GENEVIEVE 6236

CASING RECORD
☒ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, etc.

<table>
<thead>
<tr>
<th>Purpose of String</th>
<th>Size Hole Drilled</th>
<th>Size Casing Set (in O.D.)</th>
<th>Weight Lbs./Ft.</th>
<th>Setting Depth</th>
<th>Type of Cement</th>
<th># Sacks Used</th>
<th>Type and Percent Additives</th>
</tr>
</thead>
<tbody>
<tr>
<td>SURFACE 12-1/4&quot;</td>
<td>8-5/8&quot;</td>
<td>23.0</td>
<td>1695</td>
<td>P+ MIDDLE/ P+</td>
<td>445/100</td>
<td>3%CC, 1%FWCA, 1/4#/SK FC/2%CC, 1/8#/SK FC</td>
<td></td>
</tr>
</tbody>
</table>

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:
☐ Perforate
☐ Protect Casing
☐ Plug Back TD
☐ Plug Off Zone

<table>
<thead>
<tr>
<th>Shots Per Foot</th>
<th>PERFORATION RECORD - Bridge Plugs Set/Type</th>
<th>Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)</th>
<th>Type and Percent Additives</th>
</tr>
</thead>
</table>

TUBING RECORD

<table>
<thead>
<tr>
<th>Size</th>
<th>Set At</th>
<th>Packer At</th>
<th>Liner Run</th>
</tr>
</thead>
</table>

Date of First, Resumed Production, SWD or Inj.

Producing Method
☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours

<table>
<thead>
<tr>
<th>Oil Bbls.</th>
<th>Gas Mcf</th>
<th>Water Bbls.</th>
<th>Gas-Oil Ratio</th>
<th>Gravity</th>
</tr>
</thead>
</table>

Disposition of Gas:
☐ Vented ☐ Sold ☐ Used on Lease

METHOD OF COMPLETION

Production Interval

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled

☐ Other (Specify) NONE - D&A
**JOB SUMMARY**

**SALES ORDER NUMBER:** 1615569  
**TICKET DATE:** 11/02/01

**REGION:** NORTH AMERICA LAND  
**NWA / COUNTRY:** Mid Continent  
**BDA / STATE:** KS  
**COUNTY:** MORTON

**LOCATION:** ROLLA  
**COMPANY:** ANADARKO PET  
**CUSTOMER REP / PHONE:** JOHN VIGILAN  
**API Plumber #:** 752

**WELL LOCATION:** ROLLA  
**DEPARTMENT:** ZI  
**SAP BOMS NUMBER:** 752

**EASE NAME:** FITHIAN  
**Well No:** A-2  
**DEC / TRM / RNG:** 9-33S-39W  
**HES Facility (closest to well site):** LIBERAL KS.

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**Form Name:** CLEMENS, J 198516  
**HES EMP NAME / EMP #:** 7.0  
**HES EMP NAME / EMP #:** 7.0  
**HES UNIT #:** 7.0  
**R / T MILES:** 7.0

**Date:** DEC 03 2001  
**called Out:** KCC  
**Receiving:** ORIGINAL  
**R / T MILES:** 7.0

**Time:** 200  
**500:** 1100  
**1320:**

---

**Casing:** N  
**New Used:** 24.0  
**Size:** 8 5/8  
**Grade:** 0  
**From:** 1,712  
**To:**

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**Quantity:** Qty  
**HES:**

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**Mud Type:** Density  
**Disp Fluid:** Density  
**Prop Type:** Size  
**Prop Type:** Size  
**Acid Type:** Gal.  
**Acid Type:** %  
**Surfactant:** Gal.  
**Surfactant:** %  
**NE Agent:** Gal.  
**NE Agent:** %  
**Fluid Loss:** Gal/Lb  
**Fluid Loss:** %  
**Gelling Agent:** Gal/Lb  
**Gelling Agent:** %  
**Fric. Red.:** Gal/Lb  
**Fric. Red.:** %  
**Breaker:** Gal/Lb

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**Breakdown:** Displacement  
**MAXIMUM:**

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**Summary:**

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**Type:** Pad:Bbl - Gal

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**Disp:bbl:** 107

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**Disp:bbl:**

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**LC 231 TC 24**

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**THE INFORMATION STATED HEREIN IS CORRECT**

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**CUSTOMER REPRESENTATIVE**

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**SIGNED**
# JOB LOG

**Ticket #**: 1615569  
**Ticket Date**: 11/02/01  
**Region**: NORTH AMERICA LAND  
**Area / Country**: Mid Continent  
**State / County**: KS / MORTON  
**Well ID**: 0113/198516  
**H.E.S Employee Name**: JASON CLEMENS  
**Well Type**: OIL  
**Company**: ANADARKO PET  
**Department**: Cementing Services  
**Customer Rep / Phone**: JOHN VIGIL  
**APR/UIW #**:  
**Ticket Amount**: $13,952.44  
**Purpose**: Cement Surface Casing  
**Facility**: LIBERAL KS.

### WELL LOCATION
- **Name**: FITHIAN
- **Well No**: A-2
- **Zone**: Z1
- **Depth**: Y-335-399W

### JOB DESCRIPTION / REMARKS

<table>
<thead>
<tr>
<th>Chart No.</th>
<th>Time</th>
<th>Rate (BPM)</th>
<th>Volume (BBL/ST)</th>
<th>Rate (°C)</th>
<th>Press. (PSI)</th>
<th>Job Description / Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>500</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ARRIVED ON LOCATION</td>
</tr>
<tr>
<td>515</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>HOLD PRE-JOB SAFETY MEETING</td>
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<tr>
<td>545</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SPOT EQUIPT.</td>
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<tr>
<td>900</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>START F.E.</td>
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<tr>
<td>1030</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>HOOK UP CIR IRON &amp; CIR W/ RIG</td>
</tr>
<tr>
<td>1100</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PRESSURE TEST</td>
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<tr>
<td>1106</td>
<td>6.0</td>
<td>231.0</td>
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<td>1500</td>
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<td>START LEAD</td>
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<tr>
<td>1142</td>
<td>6.0</td>
<td>24.0</td>
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<td>250</td>
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<td>START TAIL</td>
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<tr>
<td>1149</td>
<td></td>
<td></td>
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<td></td>
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<td>DROP PLUG</td>
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<tr>
<td>1150</td>
<td>6.0</td>
<td>107.0</td>
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<td>100</td>
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<td>START Disp</td>
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<tr>
<td>1301</td>
<td>6.0</td>
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<td></td>
<td>250</td>
<td></td>
<td>CAUGHT CEMENT</td>
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<tr>
<td>1309</td>
<td>2.0</td>
<td>97.0</td>
<td></td>
<td>500</td>
<td></td>
<td>SLOW RATE</td>
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<tr>
<td>1322</td>
<td>2.0</td>
<td>107.0</td>
<td></td>
<td>800</td>
<td></td>
<td>LAND PLUG</td>
</tr>
</tbody>
</table>

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**CIR 35 BBLS TO PIT**

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**Thanks Jason & Crew.**