WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 4549
Name: Anadarko Petroleum Corporation
Address: 1201 Lake Robbins Drive
City/State/Zip: The Woodlands, TX 77380
Purchaser: 
Operator Contact Person: Jerry N. Blossom
Phone: (832) 636-3128
Contractor: Name: Murfin Drilling Co., Inc.
License: 30606
Wellsite Geologist: 
Designate Type of Completion

X New Well    Re-Entry    Workover

Oil    SWD    SIOW    Temp. Abd.
Gas    ENHR    SIGW
X Dry    Other (Core, WSW, Expl., Cathodic, etc.)

If Workover/Reentry: Old Well Info as follows:
Operator: 
Well Name: 
Original Comp. Date Original Total Depth
Deepening Re-perf. Conv. to Enhr./SWD
Plug Back Plug Back Total Depth
Commingled Docket No.
Dual Completion Docket No.
Other (SWD or Enhr?) Docket No.
5/4/04 5/13/04 6/8/04 Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API NO. 15- 189-22469
County Stevens

CSE SW Sec. 26 Twp. 34 S. R. 39 E W
330 S Feet from NW (circle one) Line of Section
1650 E Feet from SW (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW

Lease Name: Sullivan Well # B-2
Field Name: Wildcat
Producing Formation: Morrow
Elevation: Ground 3299' Kelley Bushing 3306'
Total Depth 6840' Plug Back Total Depth 6514'
Amount of Surface Pipe Set and Cemented at 6538' Feet
Multiple Stage Cementing Collar Used? Yes X No
If yes, show depth set _ Feet
Alternate II completion, cement circulated from ____________

Chloride content 1650 ppm Fluid volume 750 bbls
Dewatering method used 
Location of fluid disposal if hauled offsite:
Operator Name 
Lease Name 
License No. 
Quarter Sec. Twp. S R. E W

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. MarkeT - Room 2076, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Jerry N. Blossom

KCC Office Use ONLY

Letter of Confidentiality Attached
If Denied, Yes Date:
Wireline Log Received
Geologist Report Received
UIC Distribution

Date Commission Expires 12-3-05
Operator Name: Anadarko Petroleum Corporation
Lease Name: Sullivan
Well #: B-2
Sec.: 26  Twp.: 34  S.R.: 39  □ East  ◐ West
County: Stevens

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 all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets.)
☐ Yes  ◐ No
Sample

Log
Formation (Top), Depth and Datums
☐ Sample

Name
Top
Datum

Chase
2594'
705'
Council Grove
2930'
369'
Marmaton
5070'
-1771'
Morrow
5892'
-2593'
St. Louis
6728'
-3429'

List All ELogs Run:

Array Induction: Compensated Neutron/Micro Resistivity; Micro Resistivity: Compensated Sonic/Integrated Transit Time

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</td>
<td>12-1/4&quot;</td>
<td>8-5/8&quot;</td>
<td>22.8</td>
<td>1740'</td>
<td>Midcon/Prem</td>
<td>570</td>
<td>2-3% CC</td>
</tr>
<tr>
<td>Production</td>
<td>7-7/8&quot;</td>
<td>5-1/2&quot;</td>
<td>15.5</td>
<td>6538'</td>
<td>50/50 POZ</td>
<td>245</td>
<td>5% KCl</td>
</tr>
</tbody>
</table>

ADDITIONAL CEMENTING/SQUEEZE RECORD

<table>
<thead>
<tr>
<th>Purpose</th>
<th>Depth</th>
<th>Type of Cement</th>
<th>#Sacks Used</th>
<th>Type and Percent Additives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Perforate</td>
<td></td>
<td>Class H</td>
<td>25</td>
<td></td>
</tr>
<tr>
<td>Protect Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plug Back TD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>X Plug Off Zone</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

 Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated
Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

2 6393'-6394'
6 5984'-5990'
6 6342'-6370'

Acidize/500 gal HCl 5984'

TUBING RECORD
Size N/A
Set At
Packer At
Liner Run  ☐ Yes  ◐ No

Date of First, Resumed Production, SWD or Enhr. N/A
Producing Method ☐ Flowing  ☐ Pumping  ☐ Gas Lift  ☐ Other (Explain)

Estimated Production Per 24 Hours
Oil Bbls.
Gas Mcf
Water Bbls.
Gas-Oil Ratio
Gravity

Disposition of Gas: ☐ Vented  ☐ Sold  ☐ Used on Lease
(If vented, submit ACO-18.) ☐ Open Hole  ◐ Perforation  ☐ Dually Comp.  ☐ Commingled
☐ Other (Specify) ☐

Production Interval
### Summary

**Well:** WELL LOCATION 30-1 01 Oil - KENNY PARKS - 629-5136

**Operator:** ANADARKO PETROLEUM CORP

**Facility:** Cement Production Casing - 7523

---

**Formation:**

- **From:** To
- **Type:**

**Packer Type:** Set At

**Bottom Hole Temp.:**

**Pressure:**

**Retainer Depth:** Total Depth

---

**Make:**

- **O:**

**Tools and Accessories:**

---

**Casing:**

- **New/Used:**
- **Weight:**
- **Size:**
- **Grade:**
- **Length:**
- **Max. Allow:**

**Liner:**

**Tubing:**

**Drill Pipe:**

**Open Hole:**

**Perforations:**

---

**Total Operating Hours:**

**Description of Job:** Cement Production Casing

---

**Date:**

- **5/14/2004**

**Time:**

- **0230**

**Date:**

- **5/15/2004**

**Date:**

- **5/15/2004**

**Date:**

- **5/15/2004**

**Date:**

- **5/15/2004**

---

**Summary:**

**Type:** FRESH H2O

---

**Treat:**

**Disp. Overall:**

**Displacement:**

**Pad:**

**Load & Bkdn:**

**Excess/Return:**

**Calc. Disp:**

**Actual Disp.:**

**Total Volume:**

---

**Circulating Fluid:**

- **5 Min.:**

**Shut In:**

- **5 Min.:**

**Preflush:**

- **10 Min.:**

**Frac Ring #1:**

**Frac Ring #2:**

**Frac Ring #3:**

**Frac Ring #4:**

---

**The Information Stated Herein is Correct**

**Customer Representative:**

**Signature:**
# HALLIBURTON JOB LOG

**Ticket #**: 3078884  
**Ticket Date**: 05/14/04

<table>
<thead>
<tr>
<th>REGION</th>
<th>MSUB/EMPL #</th>
<th>Kb’s NAME</th>
<th>Kb’s STATE</th>
<th>Kb’s COUNTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Central Operations</td>
<td>MCO10110 / 217398</td>
<td>Mickey Cochran</td>
<td>Ks</td>
<td>Stevens</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>COMPANY</th>
<th>CUSTOMER CODE / PHONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIBERAL</td>
<td>ANADARKO PETROLEUM CORP</td>
<td>629-5136</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>WELL VOLUME</th>
<th>$11,937.38</th>
</tr>
</thead>
<tbody>
<tr>
<td>01 Oil</td>
<td>26 - 34S - 39W</td>
</tr>
</tbody>
</table>

**HES FACILITY** | **Cement Production Casing**
**Liberal, KS** | **Kenny Parks** |

<table>
<thead>
<tr>
<th>HES EMP NAME</th>
<th>HES EMP NAME</th>
<th>HES EMP NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cochran, M 217398</td>
<td>Smith, B</td>
<td>Howard, A 285427</td>
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</table>

<table>
<thead>
<tr>
<th>Chart No.</th>
<th>Time</th>
<th>Rate</th>
<th>Volume</th>
<th>Ratea</th>
<th>Pres. (PSI)</th>
<th>Job Description / Remarks</th>
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<tbody>
<tr>
<td>5-15</td>
<td>0230</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>JOB READY</td>
</tr>
</tbody>
</table>

**PRETRIP SAFETY MEETING**
**ARRIVE ON LOCATION**
**PREJOB SAFETY MEETING W/ HALLIBURTON CREW**
**SPOT EQUIPMENT**
**RIG UP EQUIPMENT**
**START CASING**
**CASING ON BOTTOM & TRY TO CIRCULATE W/ RIG PUMP(S)**

**PRESSURE TEST PUMPS & LINES**
**START FRESH H2O**
**START LEAD CEMENT 25 SKS @ 10#**
**START TAIL CEMENT 195 SKS @ 13.2#**
**SHUT DOWN & WASH PUMP & LINES**
**DROP PLUG**
**START DISPLACEMENT W/ CLAY-FIX & CLAY-STA**
**DISPLACEMENT CAUGHT CEMENT**
**SLOW RATE**
**BUMP PLUG**
**RELEASE ——— FLOAT HELD**
**END JOB**

**PRESSURE BEFORE PLUG LANDED**
**REVIEW KANSAS CORPORATION COMMISSION**

**SEP 13 2004**
**CONSERVATION DIVISION**
**WICHITA, KS**

*THANK YOU FOR CALLING HALLIBURTON MICKEY & CREW*
# Halliburton Job Summary

## General Information

- **Person:** Central Operations
- **Company:** Mid Continent/USA
- **HSE Employee #:** MCLIO103 106304
- **HSE Employee Name:** TYCE DAVIS
- **Customer Rep / Phone:** ANADARKO PETROLEUM CORP 620-629-5136
- **Project #:** 02 Gas
- **Location:** LAND SW FETERITA 7521
- **Well #:** B-2 26 - 34S - 39W
- **Well Location:** Liberal KS.

## HRS/days / HRS / WKS

<table>
<thead>
<tr>
<th>HRS / days</th>
<th>HRS</th>
<th>HRS</th>
<th>HRS</th>
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<tbody>
<tr>
<td>01219237</td>
<td>66</td>
<td></td>
<td></td>
</tr>
<tr>
<td>01240236</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>01010748</td>
<td>15</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Form Information

- **Form Name:** Type:
- **Packer Type:** Set At
- **Bottom Hole Temp.:** Pressure
- **Retainer Depth:** Total Depth

## Tools and Accessories

<table>
<thead>
<tr>
<th>Type and Size</th>
<th>Qty</th>
<th>Make</th>
</tr>
</thead>
<tbody>
<tr>
<td>Float Collar</td>
<td>INSERT</td>
<td>HOWCO</td>
</tr>
<tr>
<td>Float Shoe</td>
<td>FILL TUBE</td>
<td>HOWCO</td>
</tr>
<tr>
<td>Centralizers</td>
<td>S-4</td>
<td>HOWCO</td>
</tr>
<tr>
<td>Top Plug</td>
<td>BW</td>
<td>HOWCO</td>
</tr>
<tr>
<td>HEAD</td>
<td>PC</td>
<td>HOWCO</td>
</tr>
<tr>
<td>Limit clamp</td>
<td>1</td>
<td>HOWCO</td>
</tr>
<tr>
<td>Weld-A</td>
<td>1</td>
<td>HOWCO</td>
</tr>
<tr>
<td>BMT Plug</td>
<td>BASKET</td>
<td>HOWCO</td>
</tr>
</tbody>
</table>

## Mud Data

<table>
<thead>
<tr>
<th>Material</th>
<th>Density</th>
<th>Lb/Gal</th>
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</thead>
<tbody>
<tr>
<td>Prop. Type</td>
<td>Size</td>
<td>Lb</td>
</tr>
<tr>
<td>Acid Type</td>
<td>Size</td>
<td>Lb</td>
</tr>
<tr>
<td>Acid Type</td>
<td>Gal.</td>
<td>%</td>
</tr>
<tr>
<td>Surfactant</td>
<td>Gal.</td>
<td>%</td>
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<tr>
<td>Fluid Loss</td>
<td>Gal/Lb</td>
<td>In</td>
</tr>
<tr>
<td>Gelling Agent</td>
<td>Gal/Lb</td>
<td>In</td>
</tr>
<tr>
<td>Fric. Red.</td>
<td>Gal/Lb</td>
<td>In</td>
</tr>
<tr>
<td>Breaker</td>
<td>Gal/Lb</td>
<td>In</td>
</tr>
<tr>
<td>Blocking Agent</td>
<td>Gal/Lb</td>
<td>Qty</td>
</tr>
<tr>
<td>Perfacs Balls</td>
<td>Qty</td>
<td></td>
</tr>
</tbody>
</table>

## Well Data

- **Date:** Called Out 5/5/2004
- **On Location:** 5/5/2004
- **Job Started:** 5/5/2004
- **Job Completed:** 5/5/2004

## Operating Hours

<table>
<thead>
<tr>
<th>Date</th>
<th>Hours</th>
<th>Description of Job</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/5</td>
<td>5/5</td>
<td>Cement Surface Casing</td>
</tr>
</tbody>
</table>

## Summary

- **Total Hours:** 6.30
- **Total W/Rq:** 17.98
- **Yield:** 2.94
- **Lbs/Gal:** 11.40

## Customer Representative

- **Signature:** [Signature]

---

**NOTE:** The information stated herein is correct.

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**THE INFORMATION STATED HEREIN IS CORRECT**

---

**CUSTOMER REPRESENTATIVE**
**HALLIBURTON JOB LOG**

**Ticket #** 3060137  
**Ticket Date** 05/05/04

**Region** Central Operations  
**NAVA / Country** Mid Continent/USA  
**SDD / State** MC/Ks  
**County** STEVENS

**Location** LIBERAL  
**Company** ANADARKO PETROLEUM CORP  
**Customer Rep / Phone** KENNY PARKS 620-629-5136

**Ticket Amount** $13,941.11  
**Well Type** 02 Gas  
**Apuny #**

**Well Location**  
**Lease Name** SULLIVAN  
**Well No.** B-2  
**Sec / Tr / Rng** 26 – 34S - 39W  
**Res Facility (Closest to Well)** Liberal Ks.

<table>
<thead>
<tr>
<th>Name</th>
<th>Time</th>
<th>Rate</th>
<th>Volume</th>
<th>Rate</th>
<th>Press.(PSI)</th>
<th>Job Description / Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Davis, T 106304</td>
<td>4.5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Willie D. 225409</td>
<td>4.2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Olds, R 306196</td>
<td>4.3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Ferguson, R 106154</td>
<td>4.2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **1630**  
  - Called out for job

- **1900**  
  - On location rig ready to run casing

- **1910**  
  - Start casing and FF

- **2055**  
  - Casing on bottom hook up PC and circ lines

- **2100**  
  - Break circ w/rig

- **2105**  
  - Circ to pit

- **2120**  
  - Thru circ hook lines to pt

- **2123**  
  - Psi test lines

- **2128**  
  - 7.0 220.0 200  
    - Pump 420SX P+MC @ 11.4#  
  - 6.0 36.0 200  
    - Pump 150SX P+ @ 14.8#

- **2211**  
  - Shut down drop plug

- **2212**  
  - 7.0 109.0 100  
    - Pump displacement

- **2231**  
  - 2.0 109.0 400  
    - 99 bbls in slow rate

- **2235**  
  - 2.0 109.0 430-1000  
    - Land plug

- **2236**  
  - 1000-0  
    - Release float – did not hold

- **2237**  
  - 350-900  
    - Psi up and release float – did not hold

- **2240**  
  - 600  
    - Shut in casing

- **2240**  
  - Job over

---

KANSAS CORPORATION COMMISSION  
CONSOLIDATION DIVISION  
WICHITA, KS  
SEP 13 2004
September 10, 2004

Ms. Sharon Ahtone
Kansas Corporation Commission
Conservation Division
130 S. Market-Room 2078
Wichita, KS 67202-3802

RE: Well Completion Documents
Sullivan B-1 (API 15-189-22469)
Sec. 26, T34S, R39W
Stevens County

Dear Ms. Ahtone:

Please find enclosed the completion documents listed below for the above-mentioned well.

Form ACO-1
Logs
Cement Reports
Form CP-4

If you need any additional information, please contact me at (832) 636-3128.

Sincerely,

Jerry N. Blossom
Staff Environmental & Regulatory Analyst

Enclosures