

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Operator: License # 4549  
Name: ANADARKO PETR. CORP.  
Address: 701 S. TAYLOR STREET, SUITE 400  
City/State/Zip: AMARILLO, TEXAS 79101  
Purchaser: NA - INJECTION WELL  
Operator Contact Person: JOHN VIGIL  
Phone: (806) 457-4600  
Contractor: Name: MURFIN DRILLING CO., INC.  
License: 30606  
Wellsite Geologist: NONE  
Designate Type of Completion:  
☒ New Well ☐ Re-Entry ☐ Workover  
☐ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.  
☐ Gas ☒ ENHR ☐ SIGW  
☐ Dry ☒ Other (Core, WSW, Expl., Cathodic, etc)  
If Workover/Re-entry: Old Well Info as follows: INJECTION WELL  
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. 03-CONS-203-CUNI  
5-23-2003 5-31-2003 6-10-2003  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 129-21695  
County: MORTON  
AP NE NW NE NW Sec. 3 Twp. 33 S. R. 40 ☐ East ☒ West  
208.8 feet from S (N) (circle one) Line of Section  
1853.9 feet from E (W) (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE (NW) SW  
Lease Name: SERU Well #: 9-1  
Field Name: STIRRUP  
Producing Formation: MORROW  
Elevation: Ground: 3240.7 Kelly Bushing: \_\_\_\_\_  
Total Depth: 5345 Plug Back Total Depth: 5292  
Amount of Surface Pipe Set and Cemented at 1502 Feet  
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content 700 ppm Fluid volume 700 bbls  
Dewatering method used \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_ East West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 of 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: Lori Pearson  
Title: Engr. Tech. III Date: 6-25-03

Subscribed and sworn to before me this 25 day of June

Notary Public: Lori Pearson

Date Commission Expires: 2/26/05



**KCC Office Use ONLY**

Letter of Confidentiality Attached

If Denied, Yes ☐ Date: \_\_\_\_\_

**LORI PEARSON** Wireline Log Received  
Notary Public, State of Texas  
My Commission Expires **February 26, 2005**  
Geologist Report Received  
UIC Distribution

Operator Name: ANADARKO PETR. CORP. Lease Name: SERU Well #: 9-1  
Sec. 3 Twp. 33 S. R. 40 East ☒ West County: MORTON

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

| <p>Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br/>(Attach Additional Sheets)</p> <p>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br/>(Submit Copy)</p> <p>List All E. Logs Run:</p> <p>CBL, DIL, CNL-LDT, ML, SONIC.</p> | <table border="1" style="width:100%"><tr><th colspan="3"><input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample</th></tr><tr><th>Name</th><th>Top</th><th>Datum</th></tr><tr><td>GLORIETTA</td><td>1094</td><td>2146.7</td></tr><tr><td>B/STONE CORRAL</td><td>1504</td><td>1736.7</td></tr><tr><td>CHASE</td><td>2200</td><td>1040.7</td></tr><tr><td>COUNCIL GROVE</td><td>2494</td><td>746.7</td></tr><tr><td>B/HHEEBNER</td><td>3658</td><td>-417.3</td></tr><tr><td>MARMATON</td><td>4442</td><td>-1201.3</td></tr><tr><td>MORROW SHALE</td><td>5024</td><td>-1783.3</td></tr><tr><td>MORROW "D"</td><td>5204</td><td>-1963.3</td></tr></table> | <input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample |  |  | Name | Top | Datum | GLORIETTA | 1094 | 2146.7 | B/STONE CORRAL | 1504 | 1736.7 | CHASE | 2200 | 1040.7 | COUNCIL GROVE | 2494 | 746.7 | B/HHEEBNER | 3658 | -417.3 | MARMATON | 4442 | -1201.3 | MORROW SHALE | 5024 | -1783.3 | MORROW "D" | 5204 | -1963.3 |
|--|--|--|--|--|------|-----|-------|-----------|------|--------|----------------|------|--------|-------|------|--------|---------------|------|-------|------------|------|--------|----------|------|---------|--------------|------|---------|------------|------|---------|
| <input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample   |  |  |  |  |      |     |       |           |      |        |                |      |        |       |      |        |               |      |       |            |      |        |          |      |         |              |      |         |            |      |         |
| Name   | Top  | Datum  |  |  |      |     |       |           |      |        |                |      |        |       |      |        |               |      |       |            |      |        |          |      |         |              |      |         |            |      |         |
| GLORIETTA  | 1094   | 2146.7   |  |  |      |     |       |           |      |        |                |      |        |       |      |        |               |      |       |            |      |        |          |      |         |              |      |         |            |      |         |
| B/STONE CORRAL   | 1504   | 1736.7   |  |  |      |     |       |           |      |        |                |      |        |       |      |        |               |      |       |            |      |        |          |      |         |              |      |         |            |      |         |
| CHASE  | 2200   | 1040.7   |  |  |      |     |       |           |      |        |                |      |        |       |      |        |               |      |       |            |      |        |          |      |         |              |      |         |            |      |         |
| COUNCIL GROVE  | 2494   | 746.7  |  |  |      |     |       |           |      |        |                |      |        |       |      |        |               |      |       |            |      |        |          |      |         |              |      |         |            |      |         |
| B/HHEEBNER   | 3658   | -417.3   |  |  |      |     |       |           |      |        |                |      |        |       |      |        |               |      |       |            |      |        |          |      |         |              |      |         |            |      |         |
| MARMATON   | 4442   | -1201.3  |  |  |      |     |       |           |      |        |                |      |        |       |      |        |               |      |       |            |      |        |          |      |         |              |      |         |            |      |         |
| MORROW SHALE   | 5024   | -1783.3  |  |  |      |     |       |           |      |        |                |      |        |       |      |        |               |      |       |            |      |        |          |      |         |              |      |         |            |      |         |
| MORROW "D"   | 5204   | -1963.3  |  |  |      |     |       |           |      |        |                |      |        |       |      |        |               |      |       |            |      |        |          |      |         |              |      |         |            |      |         |

| CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used |                   |                           |                   |               |                |              |  |
|---|-------------------|---------------------------|-------------------|---------------|----------------|--------------|--|
| Report all strings set-conductor, surface, intermediate, production, etc.           |                   |                           |                   |               |                |              |  |
| Purpose of String   | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives                       |
| SURFACE   | 12-1/4"           | 8-5/8"                    | 21.8              | 1502          | P+MC/P+        | 420/125      | 3%CC, 1%FWCA, 1/2 PPS FC/2%CC, 1/4PPS FC.        |
| PRODUCTION  | 7-7/8"            | 5-1/2"                    | 15.5              | 5344          | 50/50 POZ      | 25/75        | 5%KCL, 6% EA-2, 6#/SK GILSONITE, 1/2#/SK FLOCELE |
|   |                   |                           |                   |               |                |              |  |

| ADDITIONAL CEMENTING / SQUEEZE RECORD |                  |                |             |                            |
|---------------------------------------|------------------|----------------|-------------|----------------------------|
| Purpose:                              | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| ____ Perforate                        |                  |                |             |                            |
| ____ Protect Casing                   |                  |                |             |                            |
| ____ Plug Back TD                     |                  |                |             |                            |
| ____ Plug Off Zone                    |                  |                |             |                            |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br>(Amount and Kind of Material Used) | Depth      |
|----------------|---|---|------------|
| 4              | 5204-5238.  | 4000 GAL 10% MSA.   | 5204-5238. |
|                |   |   |            |
|                |   |   |            |
|                |   |   |            |
|                |   |   |            |

|  |           |                    |  |                       |   |
|--|-----------|--------------------|--|-----------------------|---|
| TUBING RECORD  |           | Size <u>2 7/8"</u> | Set At   | Packer At <u>5153</u> | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Date of First, Resumed Production, SWD or Enhr.<br><u>WOPL</u> |           |                    | Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain) |                       |   |
| Estimated Production Per 24 Hours                              | Oil Bbls. | Gas Mcf            | Water Bbls.  | Gas-Oil Ratio         | Gravity   |

|  |  |   |  |                     |  |
|--|--|---|--|---------------------|--|
| Disposition of Gas   |  | METHOD OF COMPLETION  |  | Production Interval |  |
| <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease<br>(If vented, Sumit ACO-18.) | <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled | <input checked="" type="checkbox"/> Other (Specify) <u>INJECTION INTERVAL</u> |  |                     |  |
|  |  |   |  | <u>5204-5238</u>    |  |