

RELEASED

Date: DEC 1 1982

FROM CONFIDENTIAL

ACO-1 WELL HISTORY

Compt. \_\_\_\_\_

TYPE

SIDE ONE

Two (2) copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within thirty (30) days after the completion of a well, regardless of how the well was completed.

Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on Side One will be of public record and Side Two will then be held confidential.

Applications must be made on dual completion, commingling, salt water disposal, injection and temporarily abandoned wells.

Attach one copy only wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). (Rules 82-2-105 & 82-2-125) KCC# (316) 263-3238.

LICENSE # 5653 EXPIRATION DATE 6-30-83

OPERATOR Osage Drilling, Inc. API NO. 15-073-22,502

ADDRESS P.O. Box 537 COUNTY Greenwood

Chanute, KS 66720 FIELD Fancy South

\*\* CONTACT PERSON F.L. Ballard PROD. FORMATION Mississippi

PHONE 316-431-3420

PURCHASER Amoco Pipeline LEASE Mills "C"

ADDRESS Humboldt, KS 66748 WELL NO. 37

DRILLING Osage Drilling, Inc. 1155 Ft. from North Line and

CONTRACTOR 165 Ft. from East Line of (E)

ADDRESS P.O. Box 537 the NE/4(Qtr.) SEC 1 TWP 27 RGE 12 (W).

Chanute, KS 66720

PLUGGING N/A WELL PLAT (Office

CONTRACTOR Use Only)

ADDRESS KCC \_\_\_\_\_

KGS ☒

SWD/REP \_\_\_\_\_

PLG. \_\_\_\_\_

TOTAL DEPTH 1706' PBTD 1701

SPUD DATE 11-10-82 DATE COMPLETED 12-15-82

ELEV: GR 1065 DF KB

DRILLED WITH (CABLE) ROTARY (AIR) TOOLS.

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING

USED TO DISPOSE OF WATER FROM THIS LEASE None CR128212

Amount of surface pipe set and cemented 71 DV Tool Used? No

# ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used                   |     |                                                     |              | Depth interval treated |               |
|----------------------------------------------------|-----|-----------------------------------------------------|--------------|------------------------|---------------|
| 250 gals 7 1/2% acid and 2000 lbs. sand in oil     |     |                                                     |              | 1633-45                |               |
|                                                    |     |                                                     |              |                        |               |
|                                                    |     |                                                     |              |                        |               |
| Date of first production                           |     | Producing method (flowing, pumping, gas lift, etc.) |              | Gravity                |               |
| 12-15-82                                           |     | Pump                                                |              | 25                     |               |
| Estimated Production -I.P.                         | Oil | Gas                                                 | Water        | %                      | Gas-oil ratio |
| 12                                                 | 12  | 9.7                                                 | 71           | 30                     | 810           |
| Disposition of gas (vented, used on lease or sold) |     |                                                     | Perforations |                        |               |
| Used on lease                                      |     |                                                     | 1633-45      |                        |               |

12/15/82  
KCC  
State Geological Survey  
WICHITA BRANCH

SIDE TWO

OPERATOR

Osage Drilling, Inc.

LEASE

Mills "C"

SEC. 1

TWP 27

RGE. 12

ACQ-1 WELL HISTORY (E)

(W)

FILL IN WELL INFORMATION AS REQUIRED:

WELL NO. 37

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

| FORMATION DESCRIPTION, CONTENTS, ETC.                                 | TOP | BOTTOM | NAME | DEPTH |
|-----------------------------------------------------------------------|-----|--------|------|-------|
| <input checked="" type="checkbox"/> Check if no Drill Stem Tests Run. |     |        |      |       |
| Soil & clay                                                           | 0   | 1      |      |       |
| Lime                                                                  | 1   | 8      |      |       |
| Clay                                                                  | 8   | 12     |      |       |
| Lime                                                                  | 12  | 16     |      |       |
| Shale                                                                 | 16  | 23     |      |       |
| Shale & lime                                                          | 23  | 72     |      |       |
| Shale                                                                 | 72  | 82     |      |       |
| Lime                                                                  | 82  | 99     |      |       |
| Shale                                                                 | 99  | 102    |      |       |
| Red Bed                                                               | 102 | 133    |      |       |
| Shale                                                                 | 133 | 156    |      |       |
| Lime                                                                  | 156 | 166    |      |       |
| Shale & Red Bed                                                       | 166 | 200    |      |       |
| Water sand                                                            | 200 | 233    |      |       |
| Shale                                                                 | 233 | 320    |      |       |
| Lime                                                                  | 320 | 323    |      |       |
| Lime & shale                                                          | 323 | 328    |      |       |
| Lime                                                                  | 328 | 331    |      |       |
| Shale                                                                 | 331 | 477    |      |       |
| Lime & shale                                                          | 477 | 486    |      |       |
| Shale                                                                 | 486 | 493    |      |       |
| Lime                                                                  | 493 | 494    |      |       |
| Lime & shale                                                          | 494 | 503    |      |       |
| Lime                                                                  | 503 | 521    |      |       |
| Lime & shale                                                          | 521 | 555    |      |       |
| Shale                                                                 | 555 | 569    |      |       |
| Lime                                                                  | 569 | 634    |      |       |
| Shale                                                                 | 634 | 726    |      |       |
| Soft white lime                                                       | 726 | 775    |      |       |
| Lime                                                                  | 775 | 785    |      |       |
| Shale                                                                 | 785 | 806    |      |       |
| Lime & shale                                                          | 806 | 817    |      |       |
| Shale                                                                 | 817 | 841    |      |       |
| Lime & shale                                                          | 841 | 849    |      |       |
| Continued                                                             |     |        |      |       |

If additional space is needed use Page 2, Side 2

Report of all strings set — surface, intermediate, production, etc. CASING RECORD (New) or (Used)

| Purpose of string | Size hole drilled | Size casing set (in O.D.) | Weight lbs/ft. | Setting depth | Type cement  | Sacks | Type and percent additives |
|-------------------|-------------------|---------------------------|----------------|---------------|--------------|-------|----------------------------|
| Surface           | 9 7/8             | 7 5/8                     | 26.40          | 71            | Class A      | 36    | 2% CaCl                    |
| Production        | 6 3/4             | 4 1/2                     | 10.50          | 1701          | 50-50 Posmix | 253   | 10% salt, 2% gel           |
|                   |                   |                           |                |               |              |       |                            |
|                   |                   |                           |                |               |              |       |                            |

## LINER RECORD

## PERFORATION RECORD

| Top, ft.      | Bottom, ft.   | Sacks cement  | Shots per ft. | Size & type | Depth interval |
|---------------|---------------|---------------|---------------|-------------|----------------|
| TUBING RECORD |               |               | 1 1/2         | 3 1/2 jet   | 1633-45        |
| Size          | Setting depth | Packer set at |               |             |                |
| 2 3/8         | 1650          |               |               |             |                |

1-27-12  
 WICHITA BRANCH

SIDE TWO (Page Two)

ACO-1 WELL HISTORY

OPERATOR Osage Drilling, Inc. LEASE NAME Mills "C" #37 SEC. 1 TWP. 27 RGE. 12 (E) (W)

FILL IN WELL LOG AS REQUIRED:

Show all important zones of porosity and contents thereof; cased intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

| FORMATION DESCRIPTION, CONTENTS, ETC. | TOP  | BOTTOM | NAME | DEPTH |
|---------------------------------------|------|--------|------|-------|
| Continued                             |      |        |      |       |
| Lime                                  | 849  | 875    |      |       |
| Lime & shale                          | 875  | 881    |      |       |
| Shale                                 | 881  | 891    |      |       |
| Lime & shale                          | 891  | 903    |      |       |
| Lime                                  | 903  | 907    |      |       |
| Lime & shale                          | 907  | 921    |      |       |
| Lime                                  | 921  | 925    |      |       |
| Shale                                 | 925  | 928    |      |       |
| Lime                                  | 928  | 955    |      |       |
| Lime & shale                          | 955  | 964    |      |       |
| Lime                                  | 964  | 975    |      |       |
| Lime                                  | 975  | 985    |      |       |
| Shale                                 | 985  | 989    |      |       |
| Lime                                  | 989  | 996    |      |       |
| Shale                                 | 996  | 1004   |      |       |
| Lime                                  | 1004 | 1022   |      |       |
| Shale                                 | 1022 | 1029   |      |       |
| Lime                                  | 1029 | 1031   |      |       |
| Shale                                 | 1031 | 1069   |      |       |
| Lime                                  | 1069 | 1078   |      |       |
| Shale w/lime                          | 1078 | 1119   |      |       |
| Lime                                  | 1119 | 1135   |      |       |
| Shale                                 | 1135 | 1148   |      |       |
| Lime                                  | 1148 | 1160   |      |       |
| Shale                                 | 1160 | 1231   |      |       |
| Lime                                  | 1231 | 1235   |      |       |
| Lime                                  | 1235 | 1244   |      |       |
| Lime & shale                          | 1244 | 1249   |      |       |
| Lime                                  | 1249 | 1254   |      |       |
| Lime & shale                          | 1254 | 1260   |      |       |
| Lime                                  | 1260 | 1263   |      |       |
| Shale                                 | 1263 | 1266   |      |       |
| Lime & shale                          | 1266 | 1282   |      |       |
| Lime 20'                              | 1282 | 1300   |      |       |
| Shale                                 | 1300 | 1306   |      |       |
| Lime 5'                               | 1306 | 1313   |      |       |
| Shale                                 | 1313 | 1482   |      |       |
| Shale                                 | 1482 | 1578   |      |       |
| Beroes Gas & light show               | 1578 | 1587   |      |       |
| Shale                                 | 1587 | 1609   |      |       |
| Top Mississippi Det Zone              | 1609 | 1628   |      |       |
| Top Mississippi lime                  | 1628 | 1633   |      |       |
| First break good odor & show          | 1633 | 1644   |      |       |
| Lime                                  | 1644 | 1706   | T.D. |       |