

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

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 # 5847 EXPIRATION DATE 6/30/83

OPERATOR ARPS PETROLEUM COMPANY API NO. 15-019-23770-0000

ADDRESS 10655 N.E. 4th COUNTY Chautauqua
Bellevue, WA 98004 FIELD Rising

** CONTACT PERSON D. BRUCE MORGAN PROD. FORMATION Wayside-Peru
 PHONE (206) 454-1900

PURCHASER KOCH OIL CO. LEASE Rising/Banks

ADDRESS P.O. Box 2256 WELL NO. 31-20
Wichita, KS 67201 WELL LOCATION 330' SNL 330' EWL NE NE

DRILLING Caney Valley Drilling Co. 330' Ft. from North Line and
 CONTRACTOR ADDRESS P.O. Box 350 330' Ft. from West Line of
Caney, KS 67333 the NENE (Qtr.) SEC 20 TWP 32 RGE 12.

PLUGGING CONTRACTOR ADDRESS

WELL PLAT (Office Use Only)

| | | | |
|--|--|--|---|
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| | | | |
| | | | |

KCC _____
 KGS _____
 SWD/REP _____
 PLG. _____

TOTAL DEPTH 2079' PBD 2078'

SPUD DATE 6/30/82 DATE COMPLETED 7/3/82

ELEV: GR 995.28 DF _____ KB _____

DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS.

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE _____

Amount of surface pipe set and cemented 80' DV Tool Used? NO

THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil Gas, Shut-in Gas, Dry, Disposal, Injection, Temporarily Abandoned, OWWO. Other _____

ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

A F F I D A V I T

D. BRUCE MORGAN, PRODUCTION MANAGER, being of lawful age, hereby certifies that:

I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true and correct.

D. Bruce Morgan
(Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 15th day of September, 1982.

[Signature]
(NOTARY PUBLIC)

MY COMMISSION EXPIRES: 12-1-82

** The person who can be reached by phone regarding any questions concerning this information.

RECEIVED
 STATE CORPORATION COMMISSION
 OCT 31 1983
 CONSERVATION DIVISION
 Wichita, Kansas

SIDE TWO

OPERATOR

ARPS PETROLEUM COMPANY LEASE Rising/Banks

ACO-1 WELL HISTORY

SEC. 20 TWP. 32 RGE. 12

FILL IN WELL LOG AS REQUIRED:

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 BIOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

| FORMATION DESCRIPTION, CONTENTS, ETC. | | | TOP | BOTTOM | NAME | DEPTH | | |
|---------------------------------------|-----|------|--------------|--------|------|-----------------|------|---------|
| Formation | Top | Btm. | Formation | Top | Btm. | Formation | Top | Btm. |
| Clay | 0 | 20 | Sand & shale | 968 | 998 | Miss. lime | 1714 | 1776 |
| Sand | 20 | 47 | Sand | 998 | 1012 | Soft white lime | 1776 | 1732 |
| Lime | 47 | 49 | Lime | 1012 | 1049 | Brown & white | | |
| Shale | 49 | 106 | Shale | 1049 | 1084 | lime | 1732 | 1951 |
| Sand | 106 | 128 | Lime | 1084 | 1097 | Black lime | 1951 | 1985 |
| Lime | 128 | 133 | Shale | 1097 | 1118 | Arbuckle lime | 1985 | 2079 TD |
| Shale | 133 | 158 | Lime | 1118 | 1129 | | | |
| Sand | 158 | 216 | Sand | 1129 | 1146 | | | |
| Sandy shale | 216 | 279 | Shale | 1146 | 1179 | | | |
| Lime | 279 | 281 | Lime | 1179 | 1190 | | | |
| Shale | 281 | 306 | Shale | 1190 | 1198 | | | |
| Lime | 306 | 334 | Lime | 1198 | 1209 | | | |
| Shale | 334 | 560 | Shale | 1209 | 1220 | | | |
| Lime | 560 | 566 | Sand | 1220 | 1238 | | | |
| Shale | 566 | 627 | Shale | 1238 | 1313 | | | |
| Lime | 627 | 633 | Lime | 1313 | 1335 | | | |
| Shale | 633 | 770 | Shale | 1335 | 1372 | | | |
| Sand | 770 | 777 | Lime | 1372 | 1397 | | | |
| Sand & shale | 777 | 820 | Shale | 1397 | 1408 | | | |
| Sand | 820 | 886 | Lime | 1408 | 1415 | | | |
| Shale | 886 | 891 | Shale | 1415 | 1420 | | | |
| Lime | 891 | 940 | Lime | 1420 | 1429 | | | |
| Lime & sand | 940 | 955 | Shale | 1429 | 1711 | | | |
| Sand | 955 | 968 | Chat | 1711 | 1714 | | | |

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 | Seals | Type and percent additives |
|-------------------|-------------------|---------------------------|-----------------|---------------|-------------|-------|----------------------------|
| SURFACE | 9 7/8" | 7" | 17# | 80 | PORTLAND | 25 | 4% CaCl |
| PRODUCTION | 6 1/4" | 4 1/2" | 9.0# | 9078' | Poz-Mix | 200 | Gel -Flo-Seal Gil. |

LINER RECORD

PERFORATION RECORD

| Top, ft. | Bottom, ft. | Seals cement | Shots per ft. | Size & type | Depth interval |
|-------------|---------------------|---------------|---------------|-------------|----------------|
| | | | 2 | 3 1/8" HSC | 1137 - 1145 |
| Size 2 3/8" | Setting depth 1220' | Factor set at | 2 | 3 1/8" HSC | 1218 - 1226 |

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | Depth interval treated |
|----------------------------------|------------------------|
| 20,000# SWHF. | 1218 - 1226 |
| Set BP @ 1165', 20,000# SWHF | 1137 - 1145 |

| | | |
|--|---|--------------------------|
| Date of first production | Producing method (flowing, pumping, gas lift, etc.) | Gravity |
| 9/10/82 | Pump | |
| RATE OF PRODUCTION PER 24 HOURS | Oil | Gas |
| 7 bbl. | N/A | Water % 28 |
| Disposition of gas (vented, used as lease or sold) | Vented | Perforations 1137 - 1145 |