

SIDE ONE

AFFIDAVIT OF COMPLETION FOR

State Geological Survey KCO-1

WICHITA BRANCH

21-22-22W

This form shall be filed in duplicate with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ten days after the completion of the 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.

Circle one: Oil, Gas, Dry SWD, OWWO, Injection. Type and complete ALL sections.

Applications must be filed for dual completion, commingling, SWD and injection, T.A.

X Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.).

KCC # (316) 263-3238. (Rules 82-2-105 & 82-2-125)

OPERATOR PETRO-DYNAMICS CORPORATION

API NO. 15-083-20,946

ADDRESS 555 N. WOODLAWN, GLDG. 1 - SUITE 207

COUNTY HODGEMAN

WICHITA, KANSAS 67208

FIELD HANSTON-OPPY FIELD

CONTACT PERSON DICK FLAKER

PROD. FORMATION NONE

PHONE 681-1685

LEASE MILLER

PURCHASER N/A

WELL NO. #1

ADDRESS

WELL LOCATION NE SW SE

DRILLING KANDRILCO, Inc.

990' Ft. from SOUTH Line and

CONTRACTOR

330' Ft. from WEST Line of

ADDRESS 555 N. WOODLAWN, BLDG. 1, SUITE 207

the SE/4 SEC. 21 TWP. 22S RGE. 22W

WICHITA, KS 67208

# WELL PLAT

PLUGGING KELSO CASING PULLING

CONTRACTOR

ADDRESS BOX 176

KCC  
KGS  
(Office Use)

CHASE, KANSAS 67524

TOTAL DEPTH 4550' PBT

SPUD DATE 1/10/82 DATE COMPLETED 6/10/82

ELEV: GR 2193' DF KB 2201'

FILLED WITH (XXXX) (ROTARY) (XXX) TOOLS

Amount of surface pipe set and cemented 276' DV Tool Used? NO

## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used                                         |                                                     | Depth interval treated |
|--------------------------------------------------------------------------|-----------------------------------------------------|------------------------|
| Acidized w/750 gal 15% NEA                                               |                                                     | 4463'-66'              |
| Acidized w/1000 gal 7 1/2% HCL, 1000 gal fresh water + 3000 gal polymer. |                                                     | 4450'                  |
| Date of first production<br>NONE                                         |                                                     | Gravity                |
| RATE OF PRODUCTION<br>R 24 HOURS                                         | Producing method (flowing, pumping, gas lift, etc.) | Gas-oil ratio          |
| Oil                                                                      | Gas                                                 | CFPS                   |
| Perforations                                                             |                                                     |                        |

RECEIVED

8 1982

STATE CORPORATION COMMISSION  
WICHITA, KANSAS

DE TWO

# WELL LOG

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.

21-22-22w  
SEP 81  
SHOW GEOLOGICAL MAPKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

| FORMATION DESCRIPTION, CONTENTS, ETC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | TOP   | BOTTOM  | NAME                                                                                                                                                                      | DEPTH                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| HEEBNER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 3779' | (-1578) | Dresser Atlas                                                                                                                                                             | - Dual Induction<br>Focused Log<br>Densilog Neutro<br>Gamma Ray |
| TORONTO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 3799' | (-1598) |                                                                                                                                                                           |                                                                 |
| LANSING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 3840' | (-1639) |                                                                                                                                                                           |                                                                 |
| DENNIS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4040' | (-1839) |                                                                                                                                                                           |                                                                 |
| SWOPE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4104' | (-1903) |                                                                                                                                                                           |                                                                 |
| HERTHA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4149' | (-1948) |                                                                                                                                                                           |                                                                 |
| MARMATON                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4210' | (-2009) |                                                                                                                                                                           |                                                                 |
| PAWNEE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4287' | (-2086) |                                                                                                                                                                           |                                                                 |
| FORT SCOTT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4370' | (-2169) |                                                                                                                                                                           |                                                                 |
| CHEROKEE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4392' | (-2191) |                                                                                                                                                                           |                                                                 |
| MISSISSIPPI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4457' | (-2256) |                                                                                                                                                                           |                                                                 |
| OSAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4463' | (-2262) |                                                                                                                                                                           |                                                                 |
| <p>DST #1, Marmaton (4208'-4267) 30-30-30-30.<br/>IHP 2230, FHP 2230, BHT 116°, IFP 86-53,<br/>weak blow died in 20 minutes, ISIP 107.<br/>FFP 64-86 No blow, flushed tool twice, weak<br/>blow died in 2 min. each time, FSIP 107.<br/>Rec: 64' of very slightly oil &amp; gas cut<br/>mud,</p> <p>DST #2, Ft. Scott (4344-4410) 50-30-30-30,<br/>IHP 2368, FHP 2336, BHT 119°, IFP 107-75<br/>Very weak blow died in 5 min., flushed tool,<br/>ISIP 86, FFP 86-107 No blow, flushed tool,<br/>FSIP 107. Rec: 70' mud - 96% mud, 4% water.</p> <p>DST #3 Mississippian (4414-4464) 45-60-30-60,<br/>IHP 2442, FHP 2389, BHT 125°. IFP 86-53 Weak<br/>(1") blow slowly decreased to 1/4", ISIP 570,<br/>FFP 86-64 Weak blow died in 5 min. FSIP 484.<br/>Rec: 30' mud, 96% mud, 4% water.</p> <p>DST #4 Osage (4460-4475) 30-60-45-90, IHP 2368,<br/>FHP 2358, BHT 130°. IFP 237-269, weak blow<br/>increased to strong (12"), ISIP 1375, FFP 323-377,<br/>weak blow increased to strong (12").</p> |       |         |                                                                                                                                                                           |                                                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       |         | <p>State Geological Survey<br/>WICHITA, BRANCH</p> <p><del>CONFIDENTIAL</del></p>                                                                                         |                                                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       |         | <p>DST #4 recovery: 188' of oil &amp; gas<br/>cut mud (2% g, 4% o, 4% wtr, 90% m) 248'<br/>oil &amp; gas cut mud (4% g, 27% o, 9% wtr,<br/>60% m, 186' of salt water.</p> |                                                                 |

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

| 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 casing    | 12 1/4"           | 8 5/8"                    | 24#                     | 276'          | Class A     | 210   | 2% gel, 3% CaCl <sub>2</sub> ,<br>1/4# Flocele |
| Production csg    | 7 7/8"            | 4 1/2"                    | 10.5#                   | 4549'         | Class H     | 100   | 50-50 pozmix, 18% Na<br>2% gel, 0.75% CFR-2    |
|                   |                   |                           | <del>CONFIDENTIAL</del> |               |             |       |                                                |

## LINER RECORD

## PERFORATION RECORD

| Top, ft.       | Bottom, ft.               | Sacks cement           | Shots per ft. | Size & type                 | Depth interval |
|----------------|---------------------------|------------------------|---------------|-----------------------------|----------------|
| TUBING RECORD  |                           |                        | 4             | 3 1/2" steel<br>carrier gun | 4464'-67'      |
| Size<br>4 1/2" | Setting depth<br>4329' KB | Packer set at<br>4282' | 4             | 3 1/2" steel<br>carrier gun | 4463'-66'      |