

*gsk*

# COPY

FORM MUST BE TYPED

Side One

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

Operator: License # 5428  
Name: Graves Drilling Co., Inc.  
Address: P.O. Box 8250  
City/State/Zip: Wichita, KS 67208-0250  
Purchaser: Koch Oil Company/KGS  
Contractor Contact Person: Fredrick W. Stump  
Phone: (316) 687-2777  
Contractor Name: Duke Drilling Co., Inc.  
License #: 5929  
Wellsite Geologist: Arden Ratzlaff  
Designate Type of Completion  
 New Well  Re-Entry  Workover  Temp. Abd.  
 Oil  SWD  SLOW  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-Entry: old well info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Comp. Date: \_\_\_\_\_  
Deepening \_\_\_\_\_ Conv. to Inj/SWD  
Plug Back \_\_\_\_\_ PBTB  
Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
Other (SWD or inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_

9/15/97 9/21/97 9/22/97  
Spud Date Date Reached TD Completion Date

API NO. 15- 007-22541 0000  
County: Barber

C W/2 - E/2 - SW - Sec. 3 Twp. 32S Rge. 12 W  
1420 Feet from S/N (circle one) Line of Section  
3630 Feet from E/W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE, X SE, NW, SW(circle one)

Lease Name: Wheelock Well #: 2  
Field Name: Whelan SW  
Producing Fromation: Mississippian  
Elevation: Ground 1470 ft KB 1481 ft  
Total Depth: 4350 ft PBTB 4344  
Amount of Surface Pipe Set and Cemented at: 454 ft  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ ft  
If Alternate II Completion, cement circulated from: \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan AH-1 4-28-98 U.C.  
(Data must be collected from the Reserve Pit)

Chloride content 4600 ppm Fluid Volume 940 bbl  
Dewatering method used Hauled

Location of fluid disposal if hauled offsite:  
Operator Name: Bowers Drilling Co. Inc.

Lease Name: Mac SWD

NW Quarter Sec. 7 Twp. 32 Rge. 11 W  
County Barber Docket No. D21045

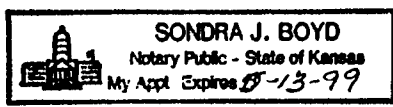
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market, Rm. 2006, Wichita, KS 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two 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: Phyllis A. Freeman  
Title: Agent

Subscribed and sworn to before me this 3rd. day of December, 1996.  
May 13, 1999  
D. Commission Expires Sandra J. Boyd  
Sandra J. Boyd, Notary Public

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other IS  
(Specify)



Form ACO-1 (7-91)

Side Two

Operator Name: Graves Drilling Co., Inc. Lease Name: Wheelock Well #: 2  
 Sec. 3 Twp. 32S Rge. 12 W Barber

**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 Log.

Drill Stem Tests Taken  Yes  No  Log Formation (Top), Depth and Datum  Sample  
 (Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy)

List All E.Logs Run: DIL - CNL - CDL - Sonic

| Name              | Top  | Datum |
|-------------------|------|-------|
| Indian Cave       | 2547 | -1066 |
| Wabaunsee         | 2602 | -1121 |
| Tarkio            | 2748 | -1267 |
| Heebner Shale     | 3502 | -2021 |
| Douglas Sandstone | 3620 |       |
| Lansing           | 3675 | -2194 |
| Stark Shale       | 4047 | -2566 |
| Mississippian     | 4238 | -2757 |
| RTD               | 4350 | -2869 |
| LTD               | 4353 | -2872 |

| CASING RECORD <input 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"                    | 23#           | 454           | 60/40 Poz      | 300          | 3% cc, 2% gel              |
| Production   | 7-7/8"            | 5-1/2"                    | 15.50#        | 4349          | 50/50 Poz      | 125          | 10% salt, 2% gel           |

| ADDITIONAL CEMENTING/ SQUEEZE RECORD    |           |              |                |              |                            |
|---|-----------|--------------|----------------|--------------|----------------------------|
| Purpose:                                | Depth Top | Depth Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate      |           |              |                |              |                            |
| <input type="checkbox"/> Protect Casing |           |              |                |              |                            |
| <input type="checkbox"/> Plug Back TD   |           |              |                |              |                            |
| <input type="checkbox"/> Plug Off Zone  |           |              |                |              |                            |

| PERFORATION RECORD - Bridge Plug Set/Type   |                   | Acid, Fracture, Shot, Cement Squeeze Record   |  |
|---|-------------------|---|--|
| Specify Footage of Each Interval Perforated |                   | (AMOUNT AND KIND OF MATERIAL USED) Depth  |  |
| Shots Per Foot                              | Perf: 4241 - 4251 | Treat Perfs w/ 50 gal DSFE acid per ft. & 150 gal ater all perfs treated.<br>Frac w/ 200 sx (45,000#) 100 mesh sd, 471 sx (71,000#) 20/40 sd, 716 sx 12/20 sd |  |
| 2   |                   |   |  |

| TUBING RECORD  |           | SIZE    | SET AT      | PACKER AT                        | LINER RUN                                   |  |                          |
|--|-----------|---------|-------------|----------------------------------|---|--|--------------------------|
|  |           | 2-3/8"  | 4294        |                                  | <input type="checkbox"/> Yes                | <input checked="" type="checkbox"/> No |                          |
| Date of First, Resumed Production, SWD or Inj.<br>October 10-11-97 |           |         |             | Producing Method                 |   |  |                          |
|  |           |         |             | <input type="checkbox"/> Flowing | <input checked="" type="checkbox"/> Pumping | <input type="checkbox"/> Gas Lift      | <input type="checkbox"/> |
| Estimated Production Per 24 Hours                                  | Oil Bbbls | Gas MCF | Water Bbbls | Gas - Oil Ratio                  |   | Gravity                                |                          |
|  | 20        |         |             |                                  |   | 31 degrees                             |                          |

Disposition of Gas:  Vented  Sold  Used on Lease

METHOD OF COMPLETION  
 Open Hole  Perf  Dually Comp.  
 Commingled  Other (specify) 4241-51  
 Production Interval \_\_\_\_\_

(If vented, submit ACO-18)