

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

**COPY**

API NO. 15- 179-21,035

County Sheridan

SW - SW - NW - Sec. 25 Twp. 8S Rge. 27W

2970 Feet from S/N (circle one) Line of Section

4950 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)

Lease Name Brown "A" SWD Well # 1-25

Field Name \_\_\_\_\_

Producing Formation n/a

Elevation: Ground 2535 KB 2542

Total Depth 3940 PBTD 2167

Amount of Surface Pipe Set and Cemented at 259 Feet

Multiple Stage Cementing Collar Used? Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 2167'

feet depth to surface w/ 475 sx cmt.

Drilling Fluid Management Plan DLT 2 11-17-92  
(Data must be collected from the Reserve Pit)

Chloride content 2m ppm Fluid volume 680 bbls

Dewatering method used \_\_\_\_\_

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

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W \_\_\_\_\_

County \_\_\_\_\_ Docket No. \_\_\_\_\_

Operator: License # 5886

Name: Chief Drilling, Inc.

Address 120 S. Market, #300

City/State/Zip Wichita, KS 67202

Purchaser: n/a

Operator Contact Person: Douglas W. Thimesch

Phone (316) 262-3791

Contractor: Name: Chief Drilling, Inc.

License: 5886

Wellsite Geologist: Kevin Howard

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:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Deepening  Re-perf.  Conv. to Inj/SWD

Plug Back \_\_\_\_\_ PBTD

Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_

Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_

Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_

4-21-92 4-27-92 4-27-92

Spud Date Date Reached TD Completion Date

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 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 Douglas W. Thimesch

Title Vice President Date 7-21-92

Subscribed and sworn to before me this 21 day of July, 19 92.

Notary Public Betty M. Abbott

Date Commission Expires 1-22-95

BETTY M. ABBOTT  
NOTARY PUBLIC  
STATE OF KANSAS

My Appt. Exp. 1-22-95

RECEIVED

STATE CORPORATION COMMISSION

F  Letter of Confidentiality Attached

C  Wireline Log Received

C  Geologist Report Received

ON 7-21-92

CONSERVATION DIVISION

KCC Wichita  Kansas Rep  NGPA

KGS  Plug  Other (Specify)

Operator Name Chief Drilling, Inc. Lease Name Brown "A" Well # 1-25  
 Sec. 25 Twp. 8S Rge. 27W  East County Sheridan  
 West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests (including 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  
 (Attach Additional Sheets.)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy.)

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum

List All E.Logs Run:

Radiation Guard  
 Bond Log

| 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                     | 20#             | 259           | 60/40<br>pozmix | 175          | 2% gel & 3% cc             |
| Production  | 7 7/8             | 4 1/2                     | 10 1/2#         | 2167'         | 60/40<br>pozmix | 475          | 8% gel                     |

| ADDITIONAL CEMENTING/SQUEEZE RECORD     |                  |                |             |                            |
|---|------------------|----------------|-------------|----------------------------|
| Purpose:                                | Depth Top 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  |                  |                |             |                            |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type  | Acid, Fracture, Shot, Cement Squeeze Record |
|----------------|---|---|
|                | Specify Footage of Each Interval Perforated | (Amount and Kind of Material Used) Depth    |
| 2              | strip shots 1900'-1930'                     |   |
|                |   |   |
|                |   |   |

| TUBING RECORD                                  | Size  | Set At  | Packer At   | Liner Run     | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|--|---|---------|-------------|---------------|--|
|  | 2 3/8"  | 1875'   | 1874.95'    |               |  |
| Date of First, Resumed Production, SWD or Inj. | Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) |         |             |               |  |
| Oct. 6, 1992                                   |   |         |             |               |  |
| Estimated Production Per 24 Hours              | Oil Bbls.   | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gr y   |

Disposition of Gas:  Vented  Sold  Used on Lease (if vented, submit ACO-18.)

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

COPY

Chief Drilling, Inc. (Op. #5886)  
120 S. Market #300  
Wichita, Kansas 67202

ACO #1 attachment sheet  
#1-25 Brown "A"  
SW SW NW  
Sec. 25-8S-27W  
Sheridan Co., Kansas  
API# 15-179-21,035

FORMATION TOPS:

|           |      |       |
|-----------|------|-------|
| Anhydrite | 2154 | +388  |
| Base/Anhy | 2189 | +353  |
| Topeka    | 3442 | -900  |
| Heebner   | 3660 | -1118 |
| Toronto   | 3678 | -1136 |
| Lansing   | 3700 | -1158 |
| RTD       | 3940 | -1398 |

LOG TOPS:

|           |      |       |
|-----------|------|-------|
| Anhydrite | 2156 | +386  |
| Base/Anhy | 2190 | +352  |
| Topeka    | 3445 | -903  |
| Heebner   | 3662 | -1120 |
| Toronto   | 3683 | -1141 |
| Lansing   | 3702 | -1160 |
| Stark     | 3874 | -1332 |
| BKC       | 3918 | -1376 |
| LTD       | 3942 | -1400 |

DST #1 3710-3738 ('B' zone)

30-30" 30-30" Blow off bottom of  
bucket in 25". Rec. 200' muddy wtr.  
FP 80/107#, 133/151#, BHP 983/939#  
Chl 59,000 ppm, 119°

DST #2 3735-3780 ('D'50'; 'E'70',

'F'90' zones) 30-30" 30-30", wk blow  
Rec. 20' muddy water. FP 35/35#,  
35/35#, Chl 60,000 ppm, Hyd 1895/  
1802#, BHP 849/804#, 119°

DST #3 3834-3870 ('J' 180' zone)

30-30" 30-30", Rec. 10' mud, wk blo, die  
FP 44/44# 44/44#, BHP 250/223#  
Hyd 1939/1893#, 119°

DST #4 3865-3890 (Lans. 200' zone)

30-30" 30-30", Rec. 5' mud  
FP 44/44# 44/44#, BHP 267/223#  
Hyd 1893/1847#, 119°

RECEIVED  
STATE CORPORATION COMMISSION

OCT 14 1992

CONSERVATION DIVISION  
Wichita, Kansas