RELEASED 9-19-330
C NE NW

3593

COPY CONFIDENTIAL MAR 0 5 1992

FROM CONFIDENTIAL

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 # 5886

Name: Chief Drilling, Inc.

Address 224 E. Douglas, #530

City/State/Zip Wichita, KS 67202

Purchaser: Koch

Operator Contact Person: Douglas W. Thimesch

Phone (316) 262-3791

Contractor: Name: Chief Drilling, Inc.

License: 5886

Wellsite Geologist: Ron Dulos

FEB 14 1991

Designate Type of Completion
X New Well ____ Re-Entry ____ Workover

X Oil ____ SWD ____ Temp. Abd.
____ Gas ____ Inj ____ Delayed Comp.
____ Dry ____ Other (Core, Water Supply, etc.)

If OWWO: old well info as follows:
Operator:

Well Name:

Comp. Date _____ Old Total Depth _____

Drilling Method:
X Mud Rotary ____ Air Rotary ____ Cable

12-26-90 Spud Date | 1-10-91 Date Reached TD | 1-23-91 Completion Date

API NO. 15- 171-20,422

County Scott

C NE NW Sec. 9 Twp. 19S Rge. 33 X East West

4620 Ft. North from Southeast Corner of Section

3300 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

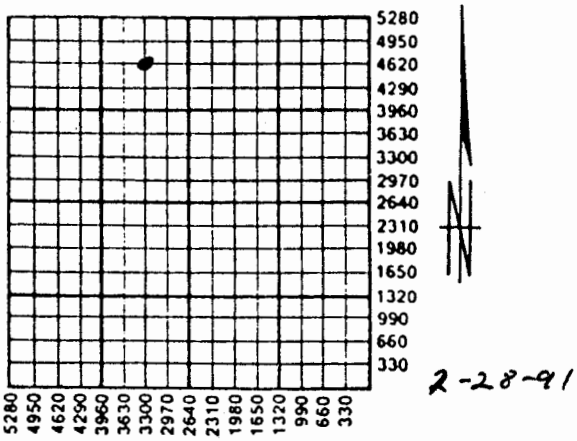
Lease Name Miller Well # 1-9

Field Name Unnamed

Producing Formation Marmaton

Elevation: Ground 2957 KB 2964

Total Depth 4755' PBTD 4600'




Amount of Surface Pipe Set and Cemented at 350 Feet

Multiple Stage Cementing Collar Used? X Yes ____ No

If yes, show depth set 2263' Feet

If Alternate II completion, cement circulated from 2263'

feet depth to Surface w/ 450 sx cmt.

**INSTRUCTIONS:** This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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

Title Vice President Date 2-12-91

Subscribed and sworn to before me this 12 day of February, 19 91.

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

K.C.C. OFFICE USE ONLY
F ✓ Letter of Confidentiality Attached
C ✓ Wireline Log Received
C ✓ Drillers Timelog Received

Distribution
✓ KCC ____ SWD/Rep ____ NGPA
✓ KGS ____ Plug ✓ Other (Specify) JW.

Form ACO-1 (7-89)

CONFIDENTIAL

12458b

SIDE TWO

Operator Name Chief Drilling, Inc. Lease Name Miller Well # 1-9

Sec. 9 Twp. 19S Rge. 33 ☐ East ☒ West County Scott

**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 (Attach Additional Sheets.) ☒ Yes ☐ No

Samples Sent to Geological Survey ☒ Yes ☐ No

Cores Taken ☐ Yes ☒ No

Electric Log Run (Submit Copy.) ☒ Yes ☐ No

See attached

**Formation Description**

☐ Log ☐ Sample

Name Top Bottom

See attached

**CASING RECORD** ☒ New ☐ 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 | 12½" | 8 5/8" | 20# | 350' | 60/40 Pozmix | 225 | 3%c.c.2%gel |
| Production | 7 7/8" | 4 1/2" | | 4750' | ASC | 200 | Gilsonite 15% |

| PERFORATION RECORD Shots Per Foot | Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | Depth |
|---|---|---|---|
| 4 | 4650-4654' | | |
| 4 | 4371-4375' | 500 gal. INS | |

| TUBING RECORD | Size | Set At | Packer At | Liner Run |
|---|---|---|---|---|
| | 2 3/8" | 4564' | 4600' | ☐ Yes ☒ No |

| Date of First Production | Producing Method | | | | |
|---|---|---|---|---|---|
| 1-31-91 | ☐ Flowing | ☒ Pumping | ☐ Gas Lift | ☐ Other (Explain) | |

| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|---|---|---|---|---|---|
| | 65 BOPD | -0- | | | |

Disposition of Gas:

☐ Vented ☐ Sold ☐ Used on Lease
(If vented, submit ACO-18.)

**METHOD OF COMPLETION**

☐ Open Hole ☒ Perforation ☐ Dually Completed ☐ Commingled

☐ Other (Specify) _____

Production Interval

_____

_____