

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 5886  
Name Chief Drilling Co., Inc.  
Address 905 Century Plaza  
Wichita, Ks. 67202  
City/State/Zip Wichita, Ks. 67202

Purchaser NA

Operator Contact Person F.W. Shelton, Jr.  
Phone 316-262-3791

Contractor: License # 5883  
Name Warrior Drilling Co. #1

Wellsite Geologist Stephen M. Kreidler  
Phone 316-262-3791

Designate Type of Completion

- New Well
- Re-Entry
- Workover
- Oil
- Gas
- Dry
- SWD
- Inj
- Other (Core, Water Supply etc.)
- Temp Abd
- Delayed Comp.

If OWWO: old well info as follows:

Operator  
Well Name  
Comp. Date  
Old Total Depth

WELL HISTORY

Drilling Method:

- Mud Rotary
- Air Rotary
- Cable

6-11-85 6-20-85 6-20-85  
Spud Date Date Reached TD Completion Date

RTD 4740 LTD 4739  
Total Depth

Amount of Surface Pipe Set and Cemented at 315 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set.....feet  
If alternate 2 completion, cement circulated from.....feet depth to.....w/.....SX cmt

API NO. 15-101-21,182-00-00

County Lane

NW SE NE Sec 29 Twp 19S Rge 28  East  West

3630 Ft North from Southeast Corner of Section  
990 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

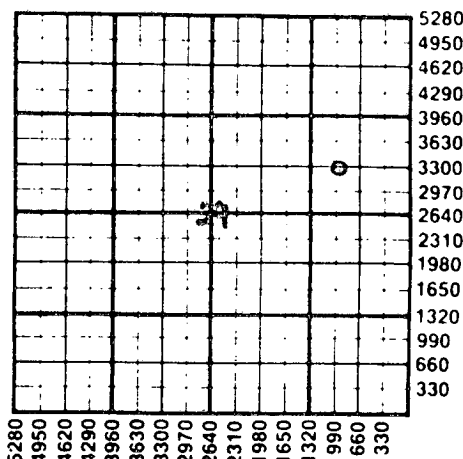
Lease Name HINEMAN "A" Well # 1

Field Name

Producing Formation NA

Elevation: Ground 2788GR 2790 DF 2793 KB

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  Repressuring  
Docket #

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit # 27071  
J.C. Walker Dighton, Ks. Cheyenne Hauled

Groundwater.....Ft North from Southeast Corner  
(Well) .....Ft West from Southeast Corner of  
SW NE SW Sec 18 Twp 18 Rge 28  East  West

Surface Water.....Ft North from Southeast Corner  
(Stream, pond etc).....Ft West from Southeast Corner  
Sec Twp Rge  East  West

Other (explain).....  
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 drillers time log shall be attached with this form. 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 F.W. Shelton, Jr., Vice President  
Title Vice President Date 6-24-85

Subscribed and sworn to before me this 24 day of June 1985

Notary Public Martha E. Gustin

Date Commission Expires

MARTHA E. GUSTIN  
NOTARY PUBLIC  
STATE OF KANSAS  
MY APPT. EXPIRES 4-15-89

JUN 26 1985  
06-26-1985  
CONSERVATION DIVISION  
Wichita, Kansas

Form ACO-1 (7-84)

K.C.C. OFFICE USE ONLY

Letter of Confidentiality Attached

Wireline Log Received

Drillers Timelog Received

Distribution

KCC  SWD/Rep  NGPA

KGS  Plug  Other (Specify)

Sec. 29 Twp. 19 Rge. 28 W

Operator Name Chief Drilling Co., Inc. Lease Name HINEMAN "A" Well # 1

Sec. 29 Twp. 19S Rge. 28 East West County Lane

WELL LOG

CONFIDENTIAL

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 [X] Yes [ ] No
Samples Sent to Geological Survey [X] Yes [ ] No
Cores Taken [ ] Yes [X] No

Formation Description [X] Log [X] Sample

FORMATION TOPS:

Table with 2 columns: Formation Name, Depth (Top/Bottom). Includes formations like Anhydrite, Base Anhydr., Heebner, Toronto, Lansing, Muncie Cr., Stark, Base Pleasanton, Marmaton, Pawnee, Ft. Scott, Cherokee, Mississippi, and LTD.

E-LOG TOPS:

Well log

Table with 2 columns: Formation Name, Depth. Includes Sand/Clay, Shale, Anhydrite, Shale, Shale/Lime, Lime, and LTD.

DST #1 4385-4423 (Upper Marmaton) 30-45-45-45; wk. blow 1" throughout, Rec. 200' W, IBHP: 759# FBHP: 759#, IFP: 89-107 FFP: 125-133 chlorides 40,000
Drilling @ 4549' DST #2 4470-4590 (Lower Marmaton - Ft. Scott) weak blow died in 17 min., 30-30-30-30 Rec. 30' M. IBHP: 267# FBHP: 178# IFP: 116-116 FFP: 116-116
DST #3 4580-4650 Cherokee 30-30-30-30 wk. blow died in 17 min., Rec. 20' M IBHP: 205 FBHP: 133 IFP: 100-100 FFP: 100-100
DST #4 4605-4720 (Mississippi) 30-30-30 -30 Rec. 80' MW, 37,000 chlorides IBHP: 983# FBHP: 894# IFP: 107-107 FFP: 116-116 Ran E-log, Plugged w/185 sx. 60-40 pos-mix, 6% gel, 3% c.c. 1st plug @ 2190' w/50' sx., 2nd plug @ 1100' w/70' sx., 3rd plug @ 360' w/40' sx., solid bridge @ 40' w/10' sx., 15' rat hole, started 5:00 a.m. finished 7:30 a.m. Steve Durrant Dist#1 State Plugger

CASING RECORD, PERFORATION RECORD, TUBING RECORD, and production data tables. Includes fields for Purpose of String, Size Hole, Size Casing, Weight, Setting Depth, Type of Cement, #Sacks Used, Type and Percent Additives, Shots Per Foot, Specify Footage of Each Interval Perforated, Acid, Fracture, Shot, Cement Squeeze Record, Date of First Production, Producing Method, Estimated Production Per 24 Hours, Oil, Gas, Water, Gas-Oil Ratio, Gravity.

METHOD OF COMPLETION

Production Interval

Disposition of gas: [ ] Vented [ ] Open Hole [ ] Perforation [ ] Sold [ ] Other (Specify) [ ] Used on Lease [ ] Dually Completed [ ] Commingled

DATE TIME

TIME

DATE

15-101-21182-00-00

# CHIEF DRILLING CO., Inc.

Drilling Contractors - Oil Producers

SUITE 905 CENTURY PLAZA

WICHITA, KANSAS 67202

V. RICHARD HOOVER  
PRESIDENT

## DAILY DRILLING REPORT

API: 15-101-21,182

RIG #1

(316) 262-3791

**CONFIDENTIAL**

JUN 27 1985

HINEMAN "A" #1  
NW SE NE 29-19S-28W  
LANE COUNTY, KANSAS

ELEVATION: 2788 Gr.  
2790 D.F.  
2793 K.B.

- 6-10-85 Moving in on location
- 6-11-85 Moving in on location, spudded in @ 8:15 p.m. ran 8 jts. of new 20# 5/8" 309', set @ 315' K.B., cemented w/190 sx., 60-40 posmix, 2% gel, 3% cc,
- 6-12-85 plug down @ 1:00 a.m. drilling out from under surface plug @ 8:00 a.m.
- 6-13-85 Drilling @ 2328'
- 6-14-85 Drilling @ 3083'
- 6-15-85 Drilling @ 3090'
- 6-16-85 Drilling @ 3727'
- 6-17-85 Drilling @ 4210' DST #1 4385-4423 (Upper Marmaton) 30-45-45-45; wk. blow 1" throughout, Rec. 200' W, IBHP: 759# FBHP: 759#, IFP: 89-107 FFP: 125-133 chlorides 40,000
- 6-18-85 Drilling @ 4549' DST #2 4470-4590 (Lower Marmaton - Ft. Scott) weak blow died in 17 min., 30-30-30-30 Rec. 30' M. IBHP: 267# FBHP: 178# IFP: 116-116 FFP: 116-116
- 6-19-85 DST #3 4580-4650 Cherokee 30-30-30-30 wk. blow died in 17 min., Rec. 20' M IBHP: 205 FBHP: 133 IFP: 100-100 FFP: 100-100
- 6-20-85 DST #4 4605-4720 (Mississippi) 30-30-30-30 Rec. 80' MW, 37,000 chlorides IBHP: 983# FBHP: 894# IFP: 107-107 FFP: 116-116 Ran E-log, Plugged w/185 sx. 60-40 pos-mix, 6% gel, 3% c.c. 1st plug @ 2190' w/50 sx., 2nd plug @ 1100' w/70 sx., 3rd plug @ 360' w/40 sx., solid bridge @ 40' w/10 sx., 15 sx. rat hole, started 5:00 a.m. finished 7:30 a.m. Steve Durrant Dist#1 State Plugger

FORMATION TOPS:

Anhydrite	2136	+	657
Base Anhydr.	2170	+	623
Heebner	3989	-	1196
Toronto	4005	-	1212
Lansing	4032	-	1239
Muncie Cr.	4209	-	1416
Stark	4315	-	1520
Base Pleasanton	4405	-	1612
Marmaton	4415	-	1622
Pawnee	4515	-	1722
Ft. Scott	4561	-	1768
Cherokee	4584	-	1791
Mississippi	4676	-	1883
RTD	4740	-	1947

E-LOG TOPS:

Anhydrite	2135	+	658
Base Anhydr.	2163	±	630
Heebner	3992	-	1199
Toronto	4006	-	1213
Lansing	4033	-	1240
Muncie Cr.	4209	-	1416
Stark	4319	-	1522
Base Pleasantn	4412	-	1619
Marmaton	4421	-	1628
Pawnee	4519	-	1726
Ft. Scott	4565	-	1772
Cherokee	4588	-	1795
Mississippi	4681	-	1888
LTD	4739	-	1946

RECEIVED RELEASED  
STATE CORPORATION COMMISSION

JUN 26 1985 OCT 03 1986

CONSERVED FROM CONFIDENTIAL  
Wichita, Kansas

