

SIDE ONE

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 151 N. MAIN #700  
WICHITA, KS. 67202  
City/State/Zip

Purchaser NA

Operator Contact Person F.W. SHELTON, JR.  
Phone 316-262-3791

Contractor: License # 5883  
Name WARRIOR DRILLING CO.

Wellsite Geologist Mitch Allen  
Phone 316-262-3791

Designate Type of Completion

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

If ONWO: old well info as follows:

Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

X Mud Rotary Air Rotary Cable

11-27-87.. 12-08-87. 12-08-87.  
Spud Date Date Reached TD Completion Date

4660 RTD NA  
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 262' feet  
Multiple Stage Cementing Collar Used? Yes X No  
If yes, show depth set feet  
If alternate 2 completion, cement circulated from feet depth to w/SX cmt  
Cement Company Name  
Invoice #

API NO. 15-063-21170-00-00

County Gove

NW, NE, NW Sec. 6 Twp 11S Rge. 30W East West

4950 Ft North from Southeast Corner of Section  
3630 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

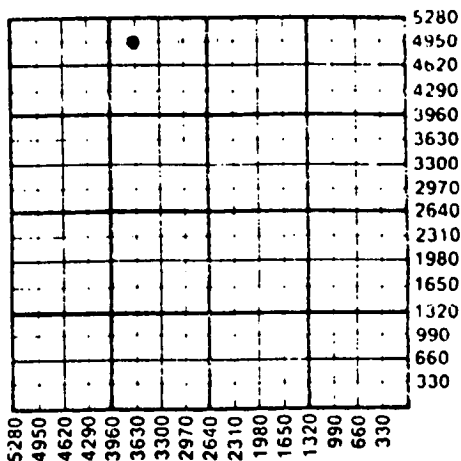
Lease Name WOLF Well # 1

Field Name

Producing Formation NA

Elevation: Ground 2954 KB 2959

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal  
Docket # Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit #

Groundwater Ft North from Southeast Corner  
(Well) Ft West from Southeast Corner of  
Sec Twp Rge East West

X Surface Water Ft North from Southeast Corner  
(Stream, pond etc) Ft West from Southeast Corner  
NW/4 Sec 31 Twp 10S Rge 30 East West

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

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. 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.,  
Title VICE PRESIDENT Date 12-15-87

Subscribed and sworn to before me this 15th day of Dec. 1987  
Notary Public Martha E. Gustin

Date Commission Expires 4-15-89



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

Sec 6 Twp 11 S Rge 30 W

Operator Name CHIEF DRILLING CO., INC. Lease Name WOLF Well # 1

Sec 6 Twp 11S Rge 30 West County GOVA

WELL LOG

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

11-27-87 Rigged up, spudded in @ 1:00 pm, ran 253' new 20# 8 5/8" csg. 6 jts. set @ 262' cem w/180 sks 60/40 posmix 3% cc 2% gel, plug down @ 7:30 pm,
11-28-87 Drilling @ 400' stuck @ 1591' 9:00 pm
11-29-87 Spotted oil, backed off, washed over
11-30-87 Finished washing over preparing to drill
12-01-87 Drilling @ 2385'
12-02-87 Drilling @ 3120'
12-03-87 Drilling @ 3670'
12-04-87 DST #1 4029-4054 (Lans. 35'z) 30-30-60-60 IF: St. bl, FF: st bl. Rec. 900' W, w/ few spots of O, chlor. 87,000 ppm, IBHP: 1192#, FBHP: 1164#, IFP: 89-267 FFP: 330-580, DST #2 4070-4100 (Lans. 70' z) 30-30-30-30 IF: wk bl died 10" Rec. 2' M, IBHP: 580#, FBHP: 35# IFP: 35-35 FFP: 35-35
12-05-87 DST #3 4203-4235 (Lans. 180'z) 30-30-30 -30 IF: wk bl died 17", Rec. 5' M, w/cup of O on top, IBHP: 89#, FBHP: 57#, IFP: 89-89 FFP: 62-62
12-06-87 Drilling @ 4275'
12-07-87 Drilling @ 4495' DST #4 4400-4525, (Paw. Ft. Scott) 30-30-30-30 IF: wk bl died Rec. 15' M w/1 ft. oil on top, IBHP: 553#, FBHP: 446#, IFP: 80-80 FFP: 80-80
12-08-87 TD. 4660' Plugged w/25 sks @ 2520', 100 sks @ 1600', 40 sks @ 300', 10 sks @ 40' 15 sks RH, 190 sks total 60/40 posmix 6% gel, Dale Balthazor State Plugger District #1 Started @ 9:15 pm, Completed @ 12:15 am. Final Report

Table with columns: Name, Top, Bottom. Lists formation tops like Anhydrite, Base Anhydr., Heebner, Lansing, Muncie Cr., Stark, BKC, Marmaton, Pawnee, Ft. Scott, Cherokee Sh., Mississippi, RTD and E-LOG TOPS.

RELEASED

JAN 11 1989 1-11-1989

FROM CONFIDENTIAL

CASING RECORD [X] New [ ] Used

Report all strings set-conductor, surface, intermediate, production, etc.

Table with columns: Purpose of String, Size Hole, Size Casing, Weight, Setting, Type of, #Sacks, Type and Percent. Row 1: Surface, 12.1/4, 8.5/8", 20#, 262', 60/40, 180, 3% cc, 2% gel.

PERFORATION RECORD table with columns: Shots Per Foot, Specify Footage of Each Interval Perforated, Acid, Fracture, Shot, Cement Squeeze Record, Depth.

TUBING RECORD table with columns: Size, Set At, Packer at, Liner Run, Yes/No.

Table with columns: Date of First Production, Producing Method (Flowing, Pumping, Gas Lift, Other).

Table with columns: Estimated Production Per 24 Hours, Oil, Gas, Water, Gas-Oil Ratio, Gravity.

METHOD OF COMPLETION

Production Interval

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

15-063-21170-00-00

**CHIEF DRILLING CO., Inc.**

Drilling Contractors - Oil Producers

151 N. MAIN

SUITE 700

WICHITA, KANSAS 67202

V. RICHARD HOOVER  
PRESIDENT

(316) 262-3791

December 15, 1987

Kansas Geological Society & Library  
212 N. Market Landmark Square  
Wichita, Ks. 67202

RE: Wolf #1  
NW NE NW 6-11S-30W  
Gove Co., Ks.

Dear Sirs:

We completed the drilling of the above captioned well as a dry hole. Enclosed are reports and logs pertaining to this well.

In accordance with rule #82-2-125D, Chief Drilling Co., Inc. operator of the above captioned well requests that all information be held in confidential custody by the Kansas Geological Society and Library for an initial period of one (1) year from date of receipt.

Sincerely,

**COPY**  
*F.W. Shelton, Jr.*

F.W. Shelton, Jr.,  
Vice President

FWS/meg  
Enclosures

STATE OF KANSAS  
COMMISSION  
12-16-1987  
DEC 16 1987  
George F. Shelton  
Wichita, Kansas

RELEASED

1-11-1989  
JAN 11 1989

FROM CONFIDENTIAL

# CHIEF DRILLING CO., Inc.

Drilling Contractors - Oil Producers

151 N. MAIN

SUITE 700

WICHITA, KANSAS 67202

DAILY DRILLING REPORT

API: 15-063-21,170

RIG #1

V. RICHARD HOOVER  
PRESIDENT

(316) 262-3791

WOLF #1 (#2562)  
NW NE NW SEC. 6-11S-30W  
GOVE COUNTY, KANSAS

ELEVATION: 2954 GR  
2957 DF  
2959 KB

11-24-87 Started Moving in on location  
11-25-87 Finished moving in  
11-26-87 Shut down  
11-27-87 Rigged up, spudded in @ 1:00 pm, ran  
253' new 20# 8 5/8" csg. 6 jts. set @  
262' cem w/180 sks 60/40 posmix 3% cc  
2% gel, plug down @ 7:30 pm,  
11-28-87 Drilling @ 400' stuck @ 1591' 9:00 pm  
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few spots of O, chlor. 87,000 ppm,  
IBHP: 1192#, FBHP: 1164#, IFP: 89-267  
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Ft. Scott) 30-30-30-30 IF: wk bl died  
Rec. 15' M w/1 ft. oil on top, IBHP:  
553#, FBHP: 446#, IFP: 80-80 FFP: 80-80  
12-08-87 TD. 4660' Plugged w/25 sks @ 2520', 100  
sks @ 1600', 40 sks @ 300', 10 sks @ 40'  
15 sks RH, 190 sks total 60/40 posmix  
6% gel, Dale Balthazor State Plugger  
District #1 Started @ 9:15 pm, Completed  
@ 12:15 am. Final Report

FORMATION TOPS:

Anhydrite	2498 +	461
Base Anhydr.	2526 +	433
Heebner	3966 -	1007
Lansing	4003 -	1044
Muncie Cr.	4147 -	1188
Stark	4231 -	1272
BKC	4289 -	1330
Marmaton	4322 -	1363
Pawnee	4419 -	1490
Ft. Scott	4495 -	1536
Cherokee Sh.	4521 -	1552
Mississippi	4605 -	1646
RTD	4660 -	1701

E-LOG TOPS:

Anhydrite	2494 +	465
Base Anhydr.	2522 +	437
Heebner	3964 -	1005
Lansing	4008 -	1049
Muncie Cr.	4142 -	1183
Stark	4225 -	1266
BKC	4287 -	1328
Marmaton	4319 -	1360
Pawnee	4416 -	1457
Ft. Scott	4491 -	1532
Cherokee Sh.	4519 -	1560
Mississippi	4605 -	1646
LTD	4650 -	1691

DEC 17 1987  
KANSAS GEOLOGICAL SURVEY  
WICHITA BRANCH

RELEASED 12-16-1987  
JAN 11 1989  
CONSERVATION DIVISION  
Wichita, Kansas  
1-11-1989

FROM CONFIDENTIAL