

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 Suite #700
Wichita, Kansas 67202
City/State/Zip

Purchaser NA

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

Contractor: License # 5883
Name Warrior Drilling Co.

Wellsite Geologist Stephen Kreidler
Phone 265-5370

Designate Type of Completion

New Well Re-Entry Workover

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

If OWWO: Old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

Mud Rotary Air Rotary Cable

1-10-86 1-18-86 1-18-86
Spud Date Date Reached TD Completion Date
4440 NA
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 407' 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. 15-101-21,276.0000

County Lane

NW, NW, NE Sec. 4 Twp. 16S Rge. 27W East West

4950 Ft North from Southeast Corner of Section
2310 Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

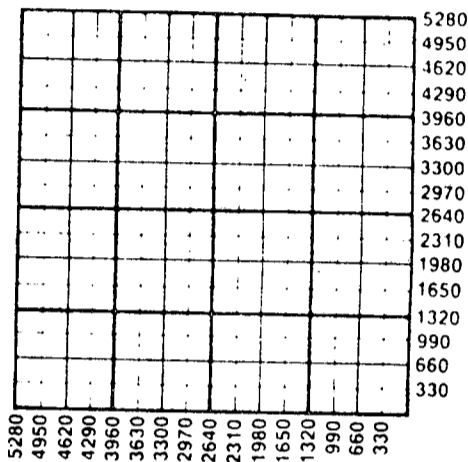
Lease Name Thies Well # 1

Field Name

Producing Formation NA

Elevation: Ground 2519 KB 2524

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 #

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

Rod Bentley, Shields Ks.
 Surface Water Ft North from Southeast Corner (Stream, pond etc) Ft West from Southeast Corner NE Gove Co. Sec 33 Twp 15 Rge 27 East West

Other (explain) Hauled by Cheyenne, Utica (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.

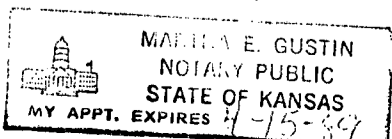
Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 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
Date 1-22-86

Subscribed and sworn to before me this 22 day of Jan 1986

Notary Public Martha E. Gustin
Date Commission Expires



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)

SIDE TWO

15-101-21276-00-00

Operator Name Chief Drilling Co., Inc. Lease Name Thies Well #

Sec. 4 Twp. 16 Rge. 27 East West County Lane

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

1-15-86 Circulating @ 4000' DST #1 3948-4000 (LKC 140-160) Wk blow died in 30" 30-30 -30-30 Rec. 15' M IBHP: 353# FBHP: 248# IFP: 80-80 FFP: 80-80
1-16-86 DST #2 4045-4095 (LKC 200-220) wk blow died in 27" 30-30-30-30 Rec. 25' M w/few spots of O on tool IBHP: 759# FBHP: 598# IFP: 44-44 FFP: 44-44
1-17-86 Drilling @ 4294' DST #3 4237-4303 30-30-30-30 wk blow died in 25" Rec. 3' M IBHP: 80# FBHP: 80# IFP: 80-80 FFP: 80-80
1-18-86 Drilling @ 4385' TD 4440 plugged w/205 sks 60-40 posmix 3% cc 2% gel, 1st plug @ 1970 w/50 sks, 2nd plug @ 960' w/50 sks, 3rd plug @ 600' w/80 sks, 0 to 40' solid bridge plug w/10 sks. 15 sks RH, started @ 6:00 pm completed @ 7:00 pm, District #1 Richard Lacey State Plugger

FORMATION TOPS: Bottom
Anhydrite 1946 + 578
Base Anhydr 1986 + 538
Heebner 3728 - 1204
LKC 3768 - 1244
Muncie Cr. 3936 - 1412
Stark 4029 - 1505
Hush Puckney 4067 - 1543
BKC 4094 - 1570
Marmaton 4113 - 1589
Pawnee 4181 - 1657
Ft. Scott 4279 - 1755
Cherokee Sh 4301 - 1777
Johnson 4327 - 1803
Mississippi 4376 - 1852
RTD 4440 - 1916

Well Log
Sand Clay 0 340
Shale 340 1946
Anhydrite 1946 1986
Shale 1986 4095
Lime 4095 4440

CASING RECORD [X] New [] Used
Report all strings set-conductor, surface, intermediate, production, etc.
Purpose of String Size Hole Size Casing Weight Setting Type of #Sacks Type and Percent
Drilled Set (in O.D.) Lbs/Ft. Depth Cement Used Additives
Surface 12 1/4 8 5/8 20# 407' 60-60 225 2% gel .3% cc
PERFORATION RECORD Acid, Fracture, Shot, Cement Squeeze Record
Shots Per Foot Specify Footage of Each Interval Perforated (Amount and Kind of Material Used) Depth
TUBING RECORD Size Set At Packer at Liner Run [] Yes [] No
Date of First Production Producing Method [] Flowing [] Pumping [] Gas Lift [] Other (explain)
Estimated Production Per 24 Hours Oil Gas Water Gas-Oil Ratio Gravity
Bbls MCF Bbls CFPB

MAY 28 1987

FROM CONFIDENTIAL

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