

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

If ONNO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

9-23-88 10-03-88 10-03-88  
Spud Date Date Reached TD Completion Date

4630 NA  
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 310 feet  
Multiple Stage Cementing Collar Used? Yes  No  
If yes, show depth set NA feet  
If alternate 2 completion, cement circulated  
from NA feet depth to NA w/ SX cmt  
Cement Company Name NA  
Invoice # NA

API NO. 15-...171-20-375-0000  
County SCOTT  
SW SE NW Sec 31 Twp 18S Rge 31 East West

2970 Ft North from Southeast Corner of Section  
3630 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

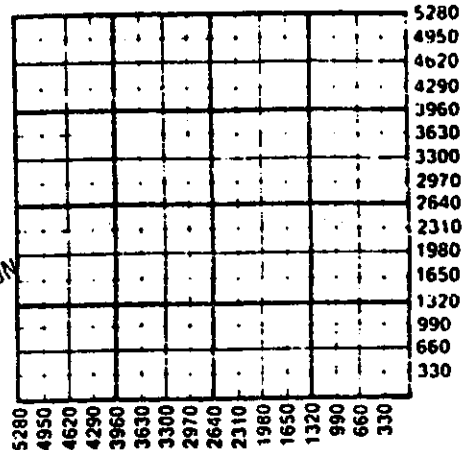
Lease Name CHRISTY Well # 1

Field Name

Producing Formation NA

Elevation: Ground 2969 KB 2974

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 # 38614

Groundwater Ft North from Southeast Corner  
(Well) Ft West from Southeast Corner of  
SW/4 Sec 34 Twp 17S Rge 31 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 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 10-3-88

Subscribed and sworn to before me this 3rd day of Oct 1988  
Notary Public Martha E. Gustin

Date Commission Expires MARTHA E. GUSTIN



K.C.C. OFFICE USE ONLY  
 Letter of Confidentiality Attached  
 Wireline Log Received  
 Drillers Timelog Received  
Distribution  
 KCC  S/W/Rep  NGPA  
 KGS  Plug  Other  
(Specify)  
10-10-88

Sec 31 Twp 18S Rge 31W

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

Sec. **31** Twp. **18S** Rge. **31**  East  West County **SCOTT**

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  Yes  No  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  Log  Sample

9-28-88 Drilling @ 3861' DST#1 3990-4010 (Lans 50z) 30-30-60-60 IF: st bl off bottom in 9 1/2", FF: v st bl, Rec. 63' GIP, 100' CIGO, 980' W, 57,000 ppm, IBHP: 983#, FBHP: 965#, IFF: 62-178 FFP: 223-446  
 9-29-88 Drilling @ 4010' DST#2 4025-4060 (Lans 70z) 30-30-60-60 IF: v st bl FF: wk to at bl Rec. 1830' W, 67,000 ppm, IBHP: 983#, FBHP: 983#, IFF: 65-983 FFP: 983-983  
 9-30-88 Drilling @ 4173' DST#3 4200-4240 (Lans 180) 30-30-45-45 IF: wk to at bl, FF: at bl, Rec. 630' W, 62,000 ppm, IBHP: 1074# FBHP: 1056#, IFF: 89-125 FFP: 178-312  
 10-01-88 DST#4 4230-4310 (Lans 200-220) 30-30-45-45, IF: v st bl, FF: v st bl, Rec. 1050' W, 62,000 ppm, IBHP: 1164#, FBHP: 1164#, IFF: 133-267 FFP: 357-535  
 10-02-88 DST#5 4330-4430 (Marmaton) 30-30-30-30 IF: wk bl died 6", Rec. 3 1/2' M, IBHP: 267#, FBHP: 223#, IFF: 89-89 FFP: 89-89  
 10-03-88 RTD 4630, Ran E-log Preparing to plug Plugged w/50 sxs @ 2300', 80 sxs @ 1450', 40 sxs @ 330' solid bridge plug @ 40' w/10 sxs, 15 sxs RH, 195 sxs total 60/40 pozmix, 6% gel, Started @ 5:50 pm, Comp. @ 8:37 pm, Richard Lacey Dist. #1 State Plugger Final Report

FORMATION TOPS:

Anhydrite	2289 + 685
Base Anhy.	2306 + 668
Hoebner	3908 - 934
Lansing	3961 - 987
Muncie Creek	4131 - 1157
Stark	4232 - 1258
BKC	4312 - 1338
Marmaton	4340 - 1366
Pawnee	4441 - 1467
Ft. Scott	4470 - 1496
Cherokee	4494 - 1520
Mississippi	4585 - 1611
RTD	4630 - 1656

Anhydrite	
Base Anhy	
Hoebner	3906 - 932
Lansing	3956 - 982
Muncie Cr.	4131 - 1157
Stark	4232 - 1258
BKC	4312 - 1338
Marmaton	4340 - 1366
Pawnee	4442 - 1468
Ft. Scott	4482 - 1508
Cherokee	4502 - 1528
Mississippi	4582 - 1608
LTD	4631 - 1657

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	12 1/4	8 5/8"	25#	310'	60/40	180	3%cc 2%gel

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD

Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First Production \_\_\_\_\_ Producing Method  Flowing  Pumping  Gas Lift  Other (explain) \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	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  Single