

Amended

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 905 Century Plaza.....  
.....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. #1.....

Wellsite Geologist.....Jim Gribi.....  
Phone...316-267-6248.....

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 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.....

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

.4-04-85.. ..4-13-85.. ....4-13-85.  
Spud Date Date Reached TD Completion Date

RTD. 4710'....  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at.....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

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API NO. 15-15-109-20-372-0000

County.....Logan.....  
NE NW SW SE 12 11S 33W  West  
.....Sec.....Twp.....Rge.....

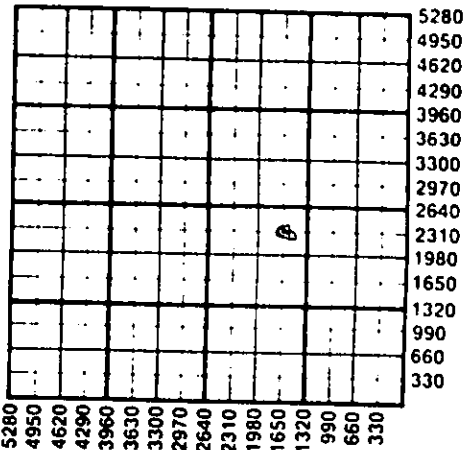
..2310... Ft North from Southeast Corner of Section  
..1650... Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name.....Kruse.....Well #..1.....

Field Name.....

Producing Formation.....NA.....

Elevation: Ground.....3083 GR.....KB.3085 D.F.  
Section Plat 3088 K.B.



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 #.....  
Irrigation well Ralph Kruse  
 Groundwater.....Ft North from Southeast Corner  
(Well) .....Ft West from Southeast Corner of  
C/4 Sec 12 Twp 11 Rge 33  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 4-15-85.....

Subscribed and sworn to before me this 15 day of April 1985.  
Notary Public.....  
Martha E. Gustin Notary Public  
Date Commission Expires.....

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

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)

RECEIVED  
STATE CORPORATION COMMISSION  
4-17-85 APR 17 1985  
CONSERVATION DIVISION  
Wichita, Kansas

Sec. 4 Twp. 11 Rge. 33

Operator Name Chief Drilling Co. Inc. Lease Name Kruse Well # 1

Sec. 12 Twp. 11 Rge. 33 East West County Logan

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

DST #1 4566-4630
30-30-30-30 wk. blow died in 11 min.
Rec. 20' Mud, IBHP: 894 FBHP: 894
IFP: 89-89 FFP: 89-89 Hydro. 2400-2354
Drilling @ 4633' T.D. 4710' Ran E-log
T.D. 4710' Plugged w/180 sx. 50-50 pos
mix, 6% gel, 3% c.c., 2590' w/250 sx.
1580' w/100 sx., 1 sx. celloflake, 345'
w/40 sx., solid bridge @ 40' w/10 sx.
10 sx. rat hole, started @ 11:00 p.m.
finished @ 3:15 p.m. District #6 Hays
State Plugger

Table with 3 columns: Name, Top E-LOG TOS, Bottom. Lists formations like Anhydrite, Base Anhydr., Heebner, etc. with depth ranges.

CONFIDENTIAL

Well Log
Sand & Clay 0 453
Sand Shale 453 2598
Anhydrite 2598 2622
Shale 2622 3184
Shale Lime 3184 4426
Lime 4426 4710 RTD

CASING RECORD [X] New [ ] Used
Report all strings set-conductor, surface, intermediate, production, etc.

Table with 8 columns: 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. Row 1: surface, 12.1/4, 8.5/8, 20#, 302', 175sx, 60-40, pos mix 28% gel.

PERFORATION RECORD and Acid, Fracture, Shot, Cement Squeeze Record. Includes columns for Shots Per Foot, Footage, Material Used, and Depth.

TUBING RECORD Size Set At Packer at Liner Run [ ] Yes [ ] No

Date of First Production Producing Method [ ] Flowing [ ] Pumping [ ] Gas Lift [ ] Other (explain) RELEASED JUL 15 1986

Table with 5 columns: Oil, Gas, Water, Gas-Oil Ratio, Gravity. Row 1: Estimated Production Per 24 Hours, Bbls, MCF, Bbls, CFRB.

METHOD OF COMPLETION Production Interval

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