

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 Koch Oil Co.

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

Contractor: License # 5883
Name Warrior Drilling Co.

Wellsite Geologist Paul R. Hoover
Phone 316-262-3791

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

4-1-86..... 4-10-86..... 4-25-86...
Spud Date Date Reached TD Completion Date
4640 RTD 4554'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 261' 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. 15-101-21,307-00-00

County Lane

NE NE SW Sec 17 Twp 18S Rge 27 East West

2310 Ft North from Southeast Corner of Section
2970 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

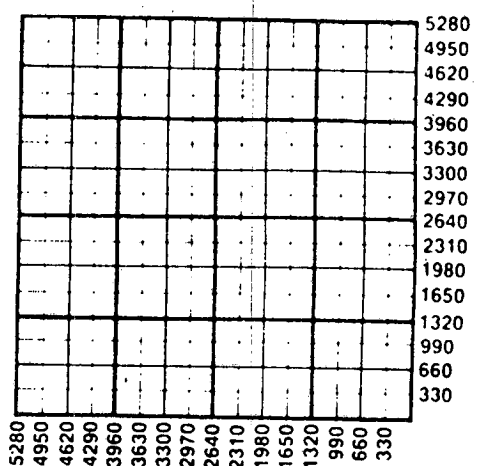
Lease Name STANLEY "C" Well # 1

Field Name Stan

Producing Formation Pawnee

Elevation: Ground 2699 KB 2706

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 #
Trucking Cheyenne

Groundwater.....Ft North from Southeast Corner
(Well)Ft West from Southeast Corner of
NENENW Sec 32 Twp 17S Rge 27 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.
Title F.W. Shelton, Jr., Vice President

Subscribed and sworn to before me this 6th day of May 1986
Notary Public Martha E. Gustin
Date Commission Expires

MARTHA E. GUSTIN
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 4-15-89
MAY 07 1986
OCT 07 1984
STATE CORPORATION COMMISSION
CONSERVATION DIVISION
Wichita, Kansas

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. 17 Twp. 18 Rge. 27

Operator Name Chief Drilling Co., Inc. Lease Name STANLEY "C" Well # 1

Sec. 17 Twp. 18S 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

4-06-86 DST #1 4248-4275 (Lans 200) 30-30-30-30
4-07-86 DST #2 4314-4340 (Pleasanton) 30-30-30-30
4-08-86 DST #4 4486-4517 (Ft. Scott) 45-50-45-50 Rec.
4-09-86 DST #5 4560-4585 (Cher. Sand) 30-30-30-30
4-10-86 Ran 111 jts. new 4 1/2" 10 1/2" casing, 4548', set @ 4554', 5 centralizers @ 2090'

Table with 2 columns: FORMATION TOPS and E-LOG TOPS. Lists various geological formations and their corresponding depth ranges.

Well Log table showing formation types and depths: Sand/Clay 0-465, Clay Shale 465-2073, Anhydr. 2073-2110, Shale 2110-4280, Lime 4280-4640, RTD 4640.

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, Weight Lbs/Ft., Setting Depth, Type of Cement, #Sacks Used, Type and Percent Additives. Includes data for surface and production strings.

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

Table with 4 columns: Interval, Material, Amount, Depth. Includes entries for acid treatments and perforations.

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

Date of First Production 4-25-86 Producing Method [] Flowing [X] Pumping [] Gas Lift [] Other (explain)

Table with 5 columns: Oil, Gas, Water, Gas-Oil Ratio, Gravity. Shows estimated production per 24 hours: 67 Bbls Oil, 10 Bbls Water, 36 Gravity.

METHOD OF COMPLETION Production Interval

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

RELEASED

FROM CONFIDENTIAL

AUG 1 1986

ST

CHIEF DRILLING CO., Inc.

Drilling Contractors - Oil Producers

151 N. MAIN BUILDING

SUITE 700

WICHITA, KANSAS 67202

V. RICHARD HOOVER
PRESIDENT

DAILY DRILLING REPORT

(316) 262-3791

API: 15-101-21,307-00-00

RIG #2

STANLEY "C" #1
NE NE SW 17-18S-27W
LANE COUNTY, KANSAS

CONFIDENTIAL

ELEVATION:
2699 GR
2703 DF
2706 KB

4-01-86 Moving in on location, spudded in @ 1:00 pm, ran 6 jts 252', set @ 261', cem w/175 sks 60/40 posmix 3% cc, 2% gel, plug down @ 5:00 pm

4-02-86 Drilling @ 1280'

4-03-86 Drilling @ 2575'

4-04-86 Drilling @ 3330'

4-05-86 Drilling @ 3930'

4-06-86 DST #1 4248-4275 (Lans 200 30-30-30-30 wk bl died in 2", Rec 100' W (55-66 chl.), IBHP: 864#, FBHP: 853# IFP: 55-66 FFP: 66-77 HP: 2188-2180

4-07-86 DST #2 4314-4340 (Pleasanton) 30-30-30-30 wk bl died in 5", Rec. 10' M, IBHP: 1153# FBHP: 1042# IFP: 33-33 FFP: 44-44 HP: 2234-2230 DST #3 4417-4480 (Upper/Lower Pawnee) 45-60-75-60 st bl off bott bucket in 4" same bl on 2nd open, Rec. 3500' GIP, 280' GO, 200' GMCO, IBHP: 1276# FBHP: 1253# IFP: 99-143 FFP: 165-220 HP: 2337-2330

4-08-86 DST #4 4486-4517 (Ft. Scott) 45-50-45-50 Rec. 75' M & GCO, 1860' GIP, IBHP: 308# FBHP: 308# IFP: 55-55 FFP: 66-66 HP: 2348-2340

4-09-86 DST #5 4560-4585 (Cher. Sand) 30-30-30-30 Rec. 15' OSpM, IBHP: 777# FBHP: 446# IFP: 53-53 FFP: 53-53 HP: 2261-2215 RTD 4640' Ran E-log

4-10-86 Ran 111 jts. new 4 1/2" 10 1/2# casing, 4548', set @ 4554', 5 centralizers @ 2090', 4425', 4470', 4485', 4525', cement control basket @ 2090', float @ 4541', cem w/175 sks ASC, 10 bbl salt flush w/additives, 500 gallons WIR2, plug down @ 7:00 am

FORMATION TOPS:

Anhydrite	2073 +	633
B/Anhydr	2110 +	596
Wabunsee	3521 -	815
Heebner	3941 -	1235
Toronto	3958 -	1252
Lansing	3979 -	1273
Muncie Cr	4152 -	1446
Stark	4252 -	1546
Hush Puck	4285 -	1579
BKC	4318 -	1612
Marmaton	4348 -	1642
Altamont	4366 -	1660
Pawnee	4431 -	1725
Ft. Scott	4493 -	1787
Cherokee Sh	4517 -	1811
Cher. Sand	4566 -	1860
Chert	4585 -	1879
Mississippi	4622 -	1916
RTD	4640 -	1934

E-LOG TOPS:

Anhydrite	2082 +	624
B/Anhydr.	2111 +	595
Wabunsee	3526 -	820
Heebner	3946 -	1240
Toronto	3966 -	1260
Lansing	3979 -	1281
Muncie Cr.	4156 -	1450
Stark	4256 -	1550
Hush Puckney	4287 -	1581
BKC	4318 -	1616
Marmaton	4348 -	1646
Altamont	4370 -	1664
Pawnee	4431 -	1728
Ft. Scott	4497 -	1791
Cherokee Sh	4521 -	1815
Cher. Sand	4566 -	1866
Chert	4585 -	1884
Mississippi	4626 -	1920
LTD	4643 -	1937

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FROM CONFIDENTIAL

15-101-21307-0000

CHIEF DRILLING CO., Inc.

Drilling Contractors - Oil Producers

151 N. MAIN BUILDING

SUITE 700

WICHITA, KANSAS 67202

V. RICHARD HOOVER
PRESIDENT

(316) 262-3791

DAILY COMPLETION REPORT

Stanley C-1
NE NE SW 17-18S-27W
Lane County, Ks.

4-22-86 Moved in Warrior Double drum and rigged up, ran correlation collar and cement top 3526', perf. 1 hole @ 4436' and 1 hole @ 4458', Pawnee acidized w/750 gal 15% NE 5 BPM @ 1800# max pressure, total load 90 bbls perf. 4 sh per ft. 4434-4438 4457-4460 swab down 83.80 bbls.,

1 hr. test 8.70 bbls., 98% O

4-23-86 check fill up over night 3200 fill up, 52.44 bbls oil 40' W, swab down

1 hr. test 10.44 bbls., 98% O

2 hr. test 7.83 bbls., 98% O

3 hr. test 6.38 bbls., 98% O

4 hr. test 6.09 bbls., 98% O

5 hr. test 6.09 bbls., 98% O

4-24-86 2600' fill up trace of W 2 x 1 1/2 x 12 insert pump

140 jts. 2 3/8" 4486.14 179 3/4 rods

mud anchor 29.00 2 - 6' subs

2 - 6' subs 12.00 1 - 16' polish rod

Total 4531.14

MAY 07 1986

CONFIDENTIAL

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

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