

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 Koch Oil Co.

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 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
9-09-88 9-18-88 9-18-88
Spud Date Date Reached TD Completion Date
4690 RTD 4417
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 306 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2010 feet
If alternate 2 completion / cement circulated from 2110 feet depth to surface 250 cmt
Cement Company Name Allied Cementing Co.
Invoice # 52611
11-14-88

API No. 15-101-21,486-00-00

County Lane

NW.. SW.. NW. Sec. 26. Twp. 19. Rge. 28. East West

3630 Ft North from Southeast Corner of Section
4950 Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

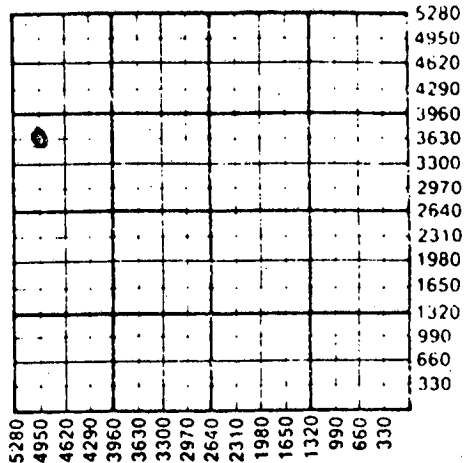
Lease Name MOWERY Well # 1

Field Name Hackberry Creek SW

Producing Formation Lansing 220 (H. zone)

Elevation: Ground 2758 KB 2763

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: NA
Division of Water Resources Permit #

Groundwater Ft North from Southeast Corner (Well) SW/4 Sec 19 Twp 20 Rge 27 East West

Surface Water Ft North from Southeast Corner (Stream, pond etc) Sec Twp Rge East West

Other (explain)

(purchased from city, R.W.D. #) 55 loads Cheyenne Walkers - 8 loads

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 10-14-88

Subscribed and sworn to before me this 14th day of October 1988
Notary Public Martha E. Gustin

Date Commission Expires 4-15-89

MARTHA E. GUSTIN
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 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
COMMISSION (Specify)
11-10-88

Form ACO-1 (5-86)

11-10-1988

Section 19 Rge 28

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

Sec... 26... Twp... 19S... Rge... 28... East West County..... Lane **RELEASED**

MAR 07 1990

WELL LOG

FROM CONFIDENTIAL

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

9-15-88 DST #1 4329-4385 (Lans 220/Pleasanton)
 SBOB immediately on both flows 30-30-30
 -30 Rec. 900' GIP, 820' CIGO, 120' W,
 chlor. 49,000 ppm, IBHP: 894# FBHP: 849#
 IFP: 133-178 FFP: 267-312
 DST #2 4385-4475 (Up Marm, Marm A&B) 30-
 30-30-30 Rec. 3' M, IBHP: 98#, FBHP: 80#
 IFP: 89-89 FFP: 89-89
 9-16-88 Finishing DST #2 Drilling @ 4475'
 9-17-88 DST #3 4480-4620 (Pwn, FtSc, Chk) wk bl
 died 4", 30-30-30-30, Rec. 15'M, IBHP:
 849#, FBHP: 715#, IFP: 71-71 FFP: 71-71
 9-18-88 Ran E-log T.D. 4690', ran 106 jts. new
 10.5# 4" csg, 4421', set @ 4426', cem
 w/150 sbs ASC, 20 bbls mud flush ahead
 of cem. float set @ 4417', port collar
 set @ 2110', centralizers @ 4417', 4377',
 4290', 4210', cement control basket @
 2025', started @ 3:00 am, Completed @
 4:30 am Final Report

| Name | Top | Bottom |
|-----------------|-------------|-------------------------|
| FORMATION TOPS: | | |
| Anhydrite | 2098 + 665 | Anhydrite 2100 + 663 |
| Base Anhy | 2128 + 635 | Base Anhy 2125 + 638 |
| Heebner | 3975 - 1212 | Heebner 3972 - 1209 |
| Lansing | 4013 - 1250 | Lansing 4012 - 1249 |
| Muncie Cr | 4190 - 1427 | Muncie Cr 4183 - 1420 |
| Stark Shale | 4294 - 1531 | Stark 4290 - 1527 |
| Hush Puckney | 4328 - 1565 | Hush Puck 4329 - 1566 |
| BKC | 4373 - 1610 | BKC 4372 - 1609 |
| Marmaton | 4401 - 1638 | Marmaton 4399 - 1636 |
| Pawnee | 4501 - 1738 | Pawnee 4498 - 1735 |
| Ft Scott | 4551 - 1788 | Ft. Scott 4552 - 1789 |
| Cherokee | 4568 - 1805 | Cherokee 4570 - 1807 |
| Mississippi | 4637 - 1874 | Mississippi 4643 - 1880 |
| RTD | 4690 - 1927 | LTD 4687 - 1924 |

| CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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" | 20# | 306' | 60/40 | 150 | 2% cc. 3% gel |
| Production | 7 7/8" | 4 1/2" | 10.5# | 4426' | ASC | 150 | 20 bbls. mud flush ahead of dem |
| PERFORATION RECORD | | | | Acid, Fracture, Shot, Cement Squeeze Record | | | |
| Shots Per Foot | Specify Footage of Each Interval Perforated | | | (Amount and Kind of Material Used) | | Depth | |
| 4 sh. per ft. | 4345-4348 expandable gun. | | | | | | |
| TUBING RECORD | | | | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | |
| Date of First Production | | Producing Method | | | | | |
| 10-10-88 | | <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain)..... | | | | | |
| Estimated Production Per 24 Hours | | Oil | Gas | Water | Gas-Oil Ratio | Gravity | |
| 10 | | Bbls | 0 MCF | 20 Bbls | CFPB | 38° | |

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 4345 - 4348
 Used on Lease
 Dually Completed
 Commingled
 Single

ALLIED CEMENTING CO., INC.

6076

Federal Tax I.D.#

P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

New city

| | | | | | | | |
|-----------------------------------------------------------------------------|----------------|-----------------|-------------------------------------------------------|--------------------------|---------------------------|-------------------------|---------------------------|
| DATE <u>2-11-03</u> | SEC. <u>26</u> | TWP. <u>19</u> | RANGE <u>28</u> | CALLED OUT <u>6:00AM</u> | ON LOCATION <u>9:00AM</u> | JOB START <u>9:20AM</u> | JOB FINISH <u>10:30AM</u> |
| LEASE <u>Mowery</u> | | WELL # <u>1</u> | LOCATION <u>9 1/2 + Alameda Rd 75, 1w, 1/2 S, E/S</u> | | COUNTY <u>Lawrence</u> | STATE <u>Ks</u> | |
| <input checked="" type="radio"/> OLD <input type="radio"/> NEW (Circle one) | | | | | | | |

CONTRACTOR _____ OWNER Some

TYPE OF JOB Plug to Abandon

HOLE SIZE _____ T.D. _____

CASING SIZE 4 1/2" - 8 3/8" DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX 1400# MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

CEMENT 155

AMOUNT ORDERED 13 1/2 bbls

200# Hulls (used 155 lbs cement)

| | | | | |
|----------------|------------|---|--------------|---------------|
| COMMON | <u>93</u> | @ | <u>6.65</u> | <u>618.45</u> |
| POZMIX | <u>62</u> | @ | <u>3.55</u> | <u>220.10</u> |
| GEL | <u>21</u> | @ | <u>10.00</u> | <u>210.00</u> |
| CHLORIDE | | @ | | |
| <u>Hulls 2</u> | | @ | <u>18.00</u> | <u>36.00</u> |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| HANDLING | <u>178</u> | @ | <u>1.10</u> | <u>195.80</u> |
| MILEAGE | <u>34</u> | | | <u>242.08</u> |

EQUIPMENT

PUMP TRUCK CEMENTER Tim D

224 HELPER Jim W

BULK TRUCK _____

_____ DRIVER Don D

BULK TRUCK _____

_____ DRIVER _____

TOTAL 1522.43

REMARKS:

Hooked to 4 1/2" casing. Mixed 100# Hulls, 20# 60/40 690 mesh with 100# Hulls. 13 1/2 bbls. 33 bbls, 120# 60/40 690 mesh and pumped to 1400#. Shut in - 800#. Hooked to Annular. Mixed 15# 60/40 690 mesh and pumped to 500#.

[Signature]

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 475.00

EXTRA FOOTAGE @ _____

MILEAGE 34 @ 3.00 102.00

PLUG @ _____

@ _____

@ _____

TOTAL 577.00

CHARGE TO: McCoy Petroleum, Corp.

STREET _____

CITY _____ STATE _____ ZIP _____

620
232-1296

FLOAT EQUIPMENT

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX 111.27

TOTAL CHARGE 2210.70

DISCOUNT 209.94 IF PAID IN 30 DAYS

SIGNATURE [Signature] Darryl J. Hanson

PRINTED NAME

Net # 2000.76