Ired 8-1-86 KCC

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

CONFIDENTIAL

API NO. 15-063-20,907

County Gove

SE SE NW Sec 21 Twp 15S Rge 28 ☐ East ☒ West

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

Operator: License # 6113
Name Landmark Oil Exploration, Inc.
Address 105 S. Broadway, Suite 1040
City/State/Zip Wichita, Kansas 67202

Lease Name Roberts Well # 1-21

Field Name

Producing Formation

Elevation: Ground 2496 KB 2501

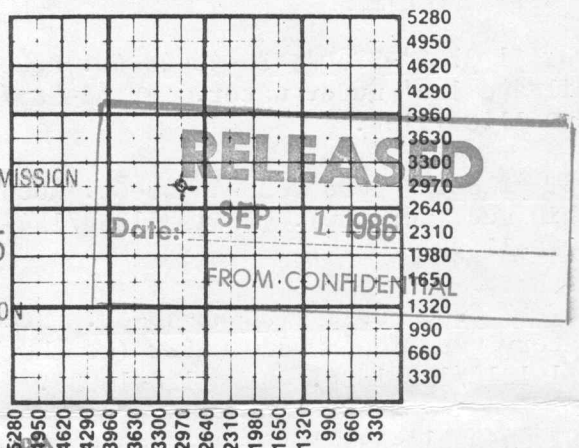
Purchaser None

Operator Contact Person Jeff Wood
Phone (316) 265-8181

Contractor: License # 6033
Name Murfin Drilling Company

Wellsite Geologist Rich Robba
Phone (316) 264-6653

Section Plat




RECEIVED
STATE CORPORATION COMMISSION
MAY 10 1985
CONSERVATION DIVISION
Wichita, Kansas

RELEASED
Date: SEP 1 1986
FROM CONFIDENTIAL

MAY 13 1985

State Geological Survey
WICHITA BRANCH

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

4-22-85 Spud Date
5-1-85 Date Reached TD
Completion Date

4300 Total Depth
PBTD

Amount of Surface Pipe Set and Cemented at 301 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

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

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

☒ Other (explain) Clayton Davis - Shields, KS.
(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.

...statutes, rules and regulations promulgated to regulate the oil and gas industry have

SIDE TWO

Operator Name Landmark Oil Exploration, Inc. Lease Name Roberts Well # 1-21

Sec. 21 Twp. 15S Rge. 28 ☐ East ☒ West County Gove

CONFIDENTIAL

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 |

DST #1 3739'-3760', 30-45-45-60. Recovered 1' clean oil and 186' muddy water. FP 66-88#/110-132#. SIP 1148-1115#.

DST #2 3822'-3890', 30-45-45-60. Recovered 155' thin mud (no show). FP 132-132#/154-154#. SIP 1180-1159#.

DST #3 3888'-3918', 30-45-45-60. Recovered 69' watery mud, 126' muddy water (no show). FP 121-121#/132-132#. SIP 1126-1083#.

DST #4 3921'-3941', 30-30-30-30. Recovered 10' thin mud with show of oil. FP 44-44#/55-55#. SIP 1118-1085#.

DST #5 3986'-4126', 30-45-45-60. Recovered 330' GIP, 108' gassy, oil cud mud (17% gas, 23% oil, 60% mud). FP 121-121#/143-143#. SIP 1246-1267#.

**Formation Description**

☒ Log ☐ Sample

| Name | Top | Bottom |
|---|---|---|
| Anhydrite | 1921' | (+580) |
| B/Anhydrite | 1954' | (+547) |
| Heebner | 3631' | (-1130) |
| Toronto | 3651' | (-1150) |
| Lansing | 3668' | (-1167) |
| Muncie Creek | 3830' | (-1329) |
| Stark | 3921' | (-1420) |
| BKC | 3986' | (-1485) |
| Marmaton | 4008' | (-1507) |
| Pawnee | 4096' | (-1595) |
| Ft. Scott | 4172' | (-1671) |
| Cherokee | 4196' | (-1695) |
| Mississippi | 4273' | (-1772) |
| LTD | 4297' | (-1796) |

DST #6 4160'-4208', 30-30-30-30. Recovered 15' drilling mud with scum of oil. FP 66-66#/66-66#. SIP 1017-724#.

**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 | 12¼" | 8 5/8" | 24# | 301 | Common | 185 | 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) Plugged