

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

Purchaser Koch Oil Company  
Wichita, Kansas

Operator Contact Person Jeff Wood  
Phone 316-265-8181

Contractor: License # 5420  
Name White & Ellis Drilling, Inc.

Wellsite Geologist Mike Dixon  
Phone 316-686-9702

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  
4-28-86 5-7-86 5-22-86  
Spud Date Date Reached TD Completion Date  
4550'  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 258 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set feet  
If alternate 2 completion, cement circulated from 4549' feet depth to 3800 w/ 180 SX cmt

API NO. 15-101-21,312-0000

County Lane  
NE SW SE Sec 19 Twp 17S Rge 28  East  West

1040 Ft North from Southeast Corner of Section  
1660 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

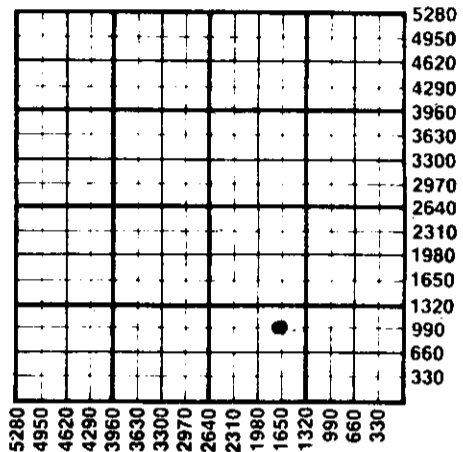
Lease Name Garton Well # 1-19

Field Name Walnut Fork, EAST

Producing Formation Johnson zone

Elevation: Ground 2705 KB 2710

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 # T86-201

Groundwater 1040 Ft North from Southeast Corner  
(Well) 1660 Ft West from Southeast Corner of  
Sec 19 Twp 17S Rge 28  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.

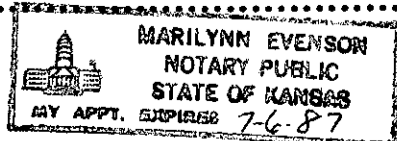
Signature Jeffrey R. Wood  
Title President Date 6-25-86

Subscribed and sworn to before me this 25th day of June 1986

Notary Public Marilyn Evenson

Date Commission Expires

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)



STATE CORPORATION COMMISSION  
JUN 30 1986 Form ACO-1 (7-84)  
6-30-86  
CONSERVATION DIVISION  
Wichita, Kansas

Sec. 19, Twp. 17, Rge. 28

SIDE TWO

Operator Name Landmark Oil Exploration, Inc. Lease Name Garton Well # 1-19

Sec. 19 Twp. 17-S Rge. 28  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  Yes  No  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

DST #1 4060'-4160', 30-45-45-60.  
 Recovered 180' slight oil cut mud (1% oil).  
 FP 49-69#/88-137#. SIP 956-956#.

DST #2 4234'-4270', 30-45-30-45.  
 Recovered 210' slight oil and water cut mud  
 (1% oil, 2% water). FP 59-88#/108-127#.  
 SIP 1254-1254#.

DST #3 4541'-4584', 30-45-45-60.  
 Recovered 180' gas in pipe, 480' total fluid:  
 180' clean, gassy oil, 120' gassy, frothy  
 muddy oil, 180' frothy muddy oil. FP 78-167#/  
 187-206#. SIP 1225-1225#.

| Name        | Top   | Bottom  |
|-------------|-------|---------|
| Heebner     | 3862' | (-1152) |
| Toronto     | 3879' | (-1169) |
| Lansing     | 3900' | (-1190) |
| Stark       | 4155' | (-1445) |
| BKC         | 4238' | (-1528) |
| Marmaton    | 4260' | (-1550) |
| Ft. Scott   | 4408' | (-1698) |
| Cherokee    | 4433' | (-1723) |
| Johnson     | 4471' | (-1761) |
| Mississippi | 4514' | (-1804) |

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     |
|-------------------|-------------------|---------------------------|----------------|---------------|----------------|-------------|--------------------------------|
| (new) Surface     | 12 1/2"           | 8 5/8"                    | 24#            | 258'          | DOZ-MIX        | 165         | 2% gel 3% CC                   |
| (used) Production | 7 1/2"            | 4 1/2"                    | 10.5#          | 4459'         | EA2            | 180         | 10% salt, Halad, Super K Flusy |

PERFORATION RECORD Acid, Fracture, Shot, Cement Squeeze Record

| Shots Per Foot | Specify Footage of Each Interval Perforated | (Amount and Kind of Material Used) | Depth |
|----------------|---|------------------------------------|-------|
| 2              | 4478'-4482'                                 | 250 gal. 15% MCA; 1500 gal. 15% NE |       |
| 3              | 4260'-4263'                                 | 500 gal. 15% MCA                   |       |
| 2              | 4160'-4164'                                 | None                               |       |
|                | Squeeze 4260'-4263' with 150 sx cement.     |                                    |       |

TUBING RECORD Size 2 3/8" Set At 4446' Packer at 4446' Liner Run  Yes  No

Date of First Production 5-23-86 Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....

| Estimated Production Per 24 Hours | Oil Bbls | Gas MCF | Water Bbls | Gas-Oil Ratio CFPB | Gravity |
|-----------------------------------|----------|---------|------------|--------------------|---------|
|                                   | 20       |         | 5          |                    |         |

METHOD OF COMPLETION Production Interval

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

LOG FILE

FILE COPY

GREAT GUNS

LOGGING

DIGITAL LOG

R. A. GUARD  
LOG

COMPANY: LANDMARK OIL EXPLORATION  
WELL: GARTON #1-19  
FIELD:  
COUNTY: LANE

FILE NO. H-053081  
STATE: KANSAS  
COUNTRY: USA

LOCATION: 10'E & 50'N OF  
NE SW SE  
SEC: 19 TWP: 17S RGE: 28W

DATE: 5/7/88

RUN NO.: 1

PERMANENT DATUM: GL  
DRILLING MEASURED FROM: KB  
LOG MEASURED FROM: KB  
ABOVE PERMANENT DATUM: 5.0

DEPTH--DRILLER: 4550.0  
DEPTH--LOGGER: 4549.0  
BOTTOM LOG INTERVAL: 4580.2  
TOP LOG INTERVAL: 3908.8

CASING DEPTH--DRILLER: 258.0  
CASING DEPTH--LOGGER: 0  
CASING DIAMETER: .090  
BIT SIZE: 7.875

UNIT NO.: 64

LOCATION: HAYS

RECORDED BY: D. LEGLEITER

WITNESSED BY: MIKE DIXON

ELEVATIONS:

KB: 2710.0  
DF: 0  
GL: 2705.0

SERVICES:

GR10  
ENPG

SOFTWARE VERSION:

3140

THE CUSTOMER IS HEREBY WARNED THAT BY PROVIDING THE LOG DATA HEREIN, GREAT GUNS DOES NOT AGREE TO PROVIDE ANY INTERPRETATION OF LOG DATA, CONVERSION OF LOG DATA TO PHYSICAL ROCK PARAMETERS OR RECOMMENDATIONS. GREAT GUNS DOES NOT GUARANTEE OR WARRANT, EITHER EXPRESSLY OR IMPLIEDLY, THE ACCURACY OF ANY INTERPRETATION OF LOG DATA, CONVERSION OF LOG DATA TO PHYSICAL ROCK PARAMETERS OR RECOMMENDATIONS WHICH MAY BE GIVEN BY GREAT GUNS PERSONNEL. ANY INTERPRETATION, CONVERSION OR RECOMMENDATION IS NOT PART OF THE CONSIDERATION FOR THE AGREEMENT BETWEEN THE PARTIES AND IS NOT PART OF ANY PART OF THE CHARGE BY GREAT GUNS FOR ITS SERVICES. ANY USER OF THE LOG DATA IS WARNED THAT SAID USER IS NOT ENTITLED TO RELY ON INTERPRETATIONS, CONVERSIONS OR RECOMMENDATIONS AS AFORESAID.