

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  
City/State/Zip Wichita, Kansas 67202

Purchaser Koch Oil Company  
Wichita, Kansas 67201

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

Contractor: License #  
Name

Wellsite Geologist  
Phone

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  
Spud Date Date Reached TD Completion Date  
Total Depth PBDT  
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

API NO. 15-171-20,256-0001

County Scott

550' FNL & 550' FEL NE/4  
Sec. 7 Twp. 20S Rge. 33  East  West

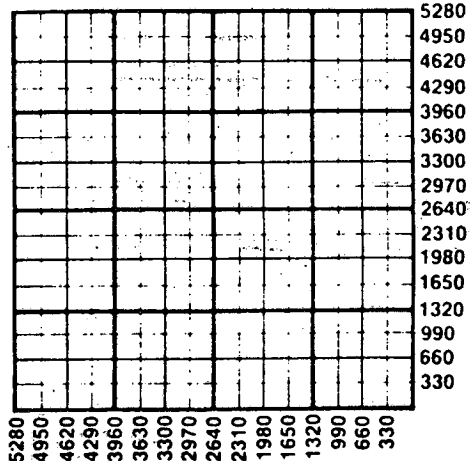
..... Ft North from Southeast Corner of Section  
..... Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name Carr Well # 1-7

Field Name Rothfelder North

Producing Formation Pawnee

Elevation: Ground 2983' KB 2988'  
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 #  
 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).....  
(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 Robert C. Patton  
Title Geologist Date 2-11-86

Subscribed and sworn to before me this 11th day of February 1986  
Notary Public Marilynn Evenson

Date Commission Expires  
MARILYNN EVENSON  
NOTARY PUBLIC  
STATE OF KANSAS  
MY APPT. EXPIRES 7-6-87

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-in  Other  
STATE CORPORATION COMSPEC#1)  
FEB 14 1986  
Form ACO-1 (7-84)  
CONSERVATION DIVISION  
Wichita, Kansas

Sec. 7, Twp. 20S, Rge. 33E

SIDE TWO

Operator Name Landmark Oil Exploration, Inc. Lease Name Carr Well # 1-7

Sec. 7 Twp. 20S Rge. 33  East  West County Scott

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	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Formation Description <input type="checkbox"/> Log <input type="checkbox"/> Sample  Name                      Top                      Bottom
Samples Sent to Geological Survey	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Cores Taken	<input type="checkbox"/> Yes	<input type="checkbox"/> No	

**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
.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....

**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	4444'-4450'	500 gal. MCA; 1500 gal. SGA	.....
2	4410'-4414'	250 gal. MCA; 1000 gal. SGA	.....
.....	.....	.....	.....
.....	.....	.....	.....

**TUBING RECORD**    Size    Set At    Packer at    Liner Run     Yes     No

Date of First Production 1-23-86    Producing Method     Flowing     Pumping     Gas Lift     Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	93 Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION

Disposition of gas:     Vented     Open Hole     Perforation  
 Sold     Other (Specify) .....

Production Interval  
4444'-4450'  
 .....

Dually Completed  
 Commingled

CONFIDENTIAL

*Confidential*

WORKOVER REPORT

#1-7 Carr  
NE/4, Sec. 7-12S-33W  
Scott County, Kansas

- 1-17-86 Move in double drum. Pull tubing and rods.
- 1-18-86 ~~Perforate Pawnee 4444'-4450'~~ with 2 shots per foot. Acidize with 500 gal. MCA. Swab back 79 bbls. of 83 bbls. load. Last pull, all oil. 1st 30 minute test: 9.86 barrels oil; 2nd 30 minute test: 9.28 barrels oil; 3rd 30 minute test: 9.28 barrels of oil. Swab 42.42 barrels of oil at 3850' from surface.
- 1-20-86 ~~Weekend fillup 2250' oil.~~ Acidize with 1500 gal. SGA. Treated through tubing because of oil in casing. Swab back 60 bbls. of 84 bbl. load. Swab back 93 bbls. Last pull, all oil. Swab test 30 minutes: 11.60 bbls. oil. Pull plug and ~~perforate Altamont "C" at 4410'-4414'~~ with 2 shots per foot. Set Baker plug at 4500'. Set bridge plug at 4430'. Shut down overnight.
- 1-21-86 3200' down to fluid. Swab down. Acidize with 250 gal. MCA. Swab back 66 bbls. of 82 bbl. load. 1st 30 minute swab test: 2.25 bbls. oil; 2nd 30 minute swab test: 4.67 bbls. oil. Shut down because of wind.
- 1-23-86 ~~675' overnight fillup,~~ (600' oil, 75' acid water). Swab 3.48 barrels of oil in 30 minutes, no water. Acidize with 1000 gal. SGA. 1st 30 minute test: 5.8 bbls. fluid (17% oil); 2nd 30 minute test: 3.48 bbls. (43% oil); 3rd 30 minute test: 2.32 bbls. (50% oil); 4th 30 minute test: 2.32 bbls. (44% oil).
- 1-23-86 500' fluid in hole (100% oil). Set packer at 4433'. Run tubing and rods. Put back on pump at 5:00 p.m.
- 1-24-86 Made 87 barrels of oil.
- 1-25-86 Made 93 barrels of oil.
- 1-26-86 Made 87 barrels of oil.

JAN 11 1986  
State Geological Survey  
WICHITA BRANCH  
RECEIVED  
STATE CORPORATION COMMISSION

FEB 25 1986  
CONSERVATION DIVISION  
RELEASED Wichita, Kansas

MAY 28 1987

FROM CONFIDENTIAL

OFF  
RCB 332  
14

LANDMARK OIL EXPLORATION, INC. #1-7 Carr

7-20S-33W, Scott County, Kansas

DST #4 4421'-4523', 30-45-45-60.

GTS, first opening. Recovered 1064' total fluid, 942' slightly mud cut gassy oil, 120' oil cut mud. ISIP 1180#. FSIP 1157#. IFP 172-311#. FFP 357-472#.

DST #5 4640'-4668', 30-45-45-60.

GTS, 2nd opening. Recovered 125' gassy oil cut mud (46% oil). ISIP 1134#. FSIP 1123#. IFP 44-55#. FFP 66-66#.

RECEIVED  
STATE CORPORATION COMMISSION

JAN 0 1964

CONSERVATION DIVISION  
Wichita, Kansas

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**CONFIDENTIAL**

**RELEASED**

**MAY 28 1987**

MAR 17 1986

FROM CONFIDENTIAL  
State Geological Survey  
WICHITA FALLS

**RECEIVED**  
STATE CORPORATION COMMISSION

**JAN 30 1986**

CONSERVATION DIVISION  
Wichita, Kansas