

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15-101-21,352-00-00

County Lane

NE NW SE Sec. 14 Twp. 17 Rge. 27 East
West

2310 Ft North from Southeast Corner of Section
1650 Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

Lease Name Hagans Well # 1-14

Field Name

Producing Formation

Elevation: Ground 2635 KB 2640

Operator: License # 6113
Name Landmark Oil Exploration, Inc.
Address 110 S. Main, #510
City/State/Zip Wichita, KS 67202

Purchaser

Operator Contact Person Jeffrey R. Wood
Phone (316) 265-8181

Contractor: License # 5422
Name Abercrombie Drilling, Inc.

Wellsite Geologist Micheal Dixon
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

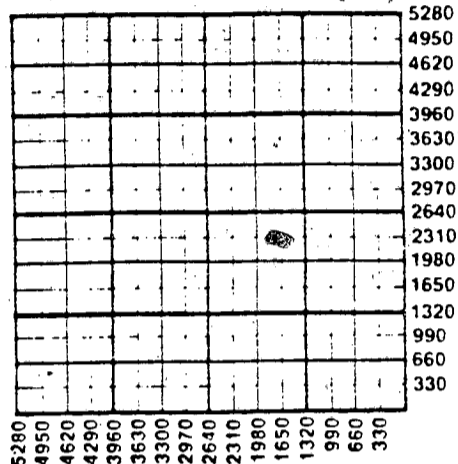
Drilling Method:
 Mud Rotary Air Rotary Cable

12-17-86 12-27-86 12-27-86
Spud Date Date Reached TD Completion Date

4581
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 270 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
Cement Company Name
Invoice #

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:
Division of Water Resources Permit #

Groundwater 5230 Ft North from Southeast Corner
(Well) 1320 Ft West from Southeast Corner of
Sec 32 Twp 17 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 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 [Signature] Title President Date 2/27/87

Subscribed and sworn to before me this 27 day of February 1987
Notary Public [Signature] Dorothea Davis
Date Commission Expires 8-20-90

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
KCC SWD RECEIVED NGPA
KGS STATE CORPORATION COMMISSION
(Specify)
CONSERVATION DIVISION
Form ACO-1 (5-86) 94

Sec 14 Twp 17 Rge 27

Operator Name Landmark Oil-Exploration, Inc. Lease Name Hagans Well # 1-14

Sec. 14 Twp. 17 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 Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

DST #1 4169'-4220', 30-45-45-60. Rec: 180' GIP, 80' gwmco (30% O; 20% G; 20% W); 279' gocw (20% O; 30% G; 50% W); 93' ocw (5% O; 95% W). FP 50-121#/152-213#. SIP 786-786#.

DST #2 4243'-4380', 30-45-60-60. Recovered: 1' free oil, 60' mud, 279' muddy water. FP 40-71#/91-182#. SIP 856-836#.

DST #3 4458'-4581', 30-30-30-30. Recovered: 30' mud. FP 50-50#/50-50#. SIP 677-477#.

Name	Top	Bottom
Anhydrite	2040'	(+602)
B/Anhydrite	2071'	(+571)
Heebner	3912'	(-1270)
Lansing	3953'	(-1311)
Lansing "J"	4180'	(-1538)
Stark	4202'	(-1560)
Hushpuckney	4243'	(-1601)
Lansing "L"	4254'	(-1612)
Marmaton	4304'	(-1662)
Altamont	4333'	(-1691)
Ft. Scott	4467'	(-1825)
Cherokee	4488'	(-1846)
Mississippi	4578'	(-1936)

CASING RECORD <input 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	23	270	60/40 posmix	170	3% ca.cl., 2% gel
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 <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First Production		Producing Method <input type="checkbox"/> Flowing <input 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		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

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