8930

4-9-26W

COPY

SIDE ONE

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

Operator: License # 6113

Name: Landmark Oil Exploration, Inc.

Address 250 N. Water,

Suite 308

City/State/Zip Wichita, KS 67202

Purchaser: N/A

Operator Contact Person: Jeff Wood

Phone (316) 265-8181

Contractor: Name: Murfin Drilling Co., Inc.

License: 30606

Wellsite Geologist: Kevin Howard

Designate Type of Completion
X New Well ____ Re-Entry ____ Workover

____ Oil ____ SWD ____ Temp. Abd.
____ Gas ____ Inj ____ Delayed Comp.
XX Dry ____ Other (Core, Water Supply, etc.)

If OWWO: old well info as follows:
Operator:

Well Name:

Comp. Date ____ Old Total Depth ____

Drilling Method:
X Mud Rotary ____ Air Rotary ____ Cable

06-26-91 Spud Date | 07-02-91 Date Reached TD | 07-02-91 Completion Date

API NO. 15- 179-21, 013

County Sheridan

SW NE SW Sec. 4 Twp. 9S Rge. 26W ____ East ____ West

4726 Ft. North from Southeast Corner of Section

3194 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

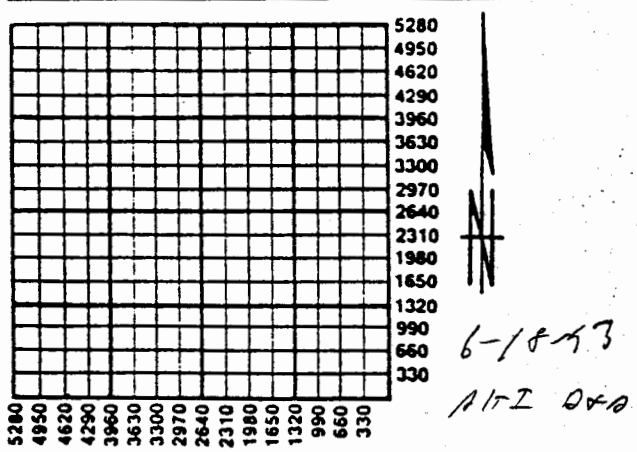
Lease Name Minium Well # 2-4

Field Name Minium

Producing Formation N/A

Elevation: Ground 2569' KB 2574'

Total Depth 3940 PBTD ____



6-18-93
Alt I Dfd

Amount of Surface Pipe Set and Cemented at 297 Feet

Multiple Stage Cementing Collar Used? ____ Yes ____ No

If yes, show depth set ____ Feet

If Alternate II completion, cement circulated from ____

feet depth to ____ w/ ____ sx cmt.

RECEIVED
STATE CORPORATION COMMISSION
AUG 2 1991
CONSERVATION DIVISION
Wichita, Kansas

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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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

Title President, Jeffrey R. Wood Date 08/12/91

Subscribed and sworn to before me this 12th day of August, 19 91.

Notary Public Karri Wolken
Karri Wolken

Date Commission Expires December 21, 1991

12/21/91

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)

IS

Form ACO-1 (7-89)

68858

SIDE TWO

Operator Name Landmark Oil Exploration, Inc. Lease Name Minium Well # 2-4

Sec. 4 Twp. 9S Rge. 26W ☐ East ☐ West County Sheridan

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 (Attach Additional Sheets.) ☒ Yes ☐ No

Samples Sent to Geological Survey ☒ Yes ☐ No

Cores Taken ☐ Yes ☒ No

Electric Log Run (Submit Copy.) ☒ Yes ☐ No

DST #1 3736-3752 30-45-45-60. Rec. 45' co; 252' osmw, 15% mud, 83% wtr, 2% oil; FP 38-90/ 110-161#. SIP 880-835#.

DST #2 3840-3878 30-30-30-30. Rec. 15' mud with few oil spots. FP 63-63/65-65#. SIP 374-242#.

Formation Description

☒ Log ☐ Sample

Name	Top		Bottom	
Anhydrite	2178'	+306	Stark	3881' -1307
B.Anhydrite	2206'	+368	Lansing "K"	3891' -1317
Heebner	3669'	-1095	Lansing "L"	3913' -1339
Lansing "A"	3709'	-1135	BKC	3924' -1350
Lansing "B"	3735'	-1161	LTD	3941' -1367
Lansing "C"	3749'	-1175		
Lansing "E"	3777'	-1203		
Muncie Creek	3817'	-1243		
Lansing "H"	3831'	-1257		
Lansing "I"	3856'	-1282		
Lansing "J"	3871'	-1297		

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"	19#	297	60/40 Poz	185	2% gel % cc

PERFORATION RECORD Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (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)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio / Gravity

Disposition of Gas: ☐ Vented ☐ Sold ☐ Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION ☐ Open Hole ☐ Perforation ☐ Dually Completed ☐ Commingled ☐ Other (Specify)

Production Interval