

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

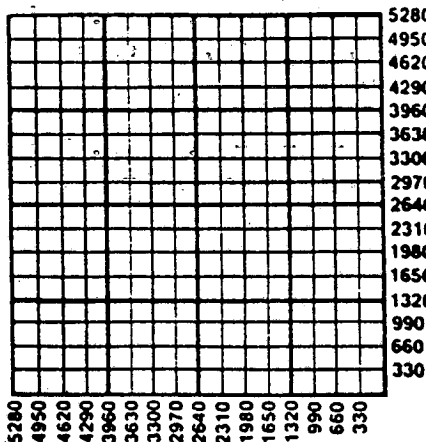
API NO. 15- 179-21, 013-00-00
County Sheridan ✓
SW NE SW Sec. 4 Twp. 9S Rge. 26W East West
4726 ✓ Ft. North from Southeast Corner of Section
3194 ✓ Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name Minium ✓ Well # 2-45
Field Name Minium

Producing Formation N/A

Elevation: Ground 2569' KB 2574'

Total Depth 3940 PBDT _____



6-18-93
ALT D&D

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.

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

New Well _____ Re-Entry _____ Workover _____

_____ Oil _____ SWD _____ Temp. Abs. _____

_____ Gas _____ Inj _____ Delayed _____

Dry _____ Other (Core, Water Supply, etc.) _____

RECEIVED
STATE CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WICHITA, KANSAS
AUG 9 1991

If OWMO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary _____ Air Rotary _____ Cable _____

06-26-91 07-02-91 07-02-91

Spud Date Date Reached TD Completion Date

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 _____

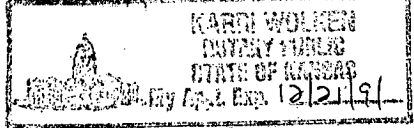
Title President, Jeffrey R. Wood Date 08/12/91

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

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)



P 1

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 Yes No
 (Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy.)

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			
		<input checked="" type="checkbox"/> Log	<input type="checkbox"/> 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	12 1/4"	8-5/8"	19#	297	60/40 Poz	185	2% gel, 3% cc

Shots Per Foot	PERFORATION RECORD 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 _____