

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

API NO. 15- 109-20,512

County Logan

NW SW SE Sec. 4 Twp. 11-S Rge. 33-W XX East West

990 Ft. North from Southeast Corner of Section

2310 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

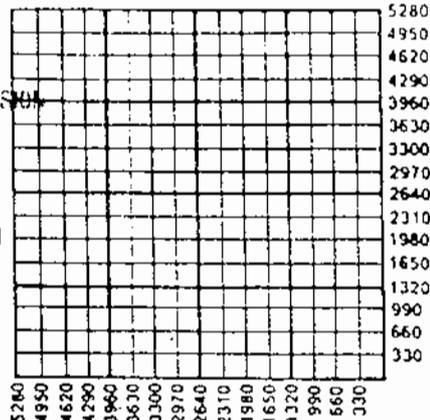
Lease Name Nollette Well # #3-4

Field Name Unnamed

Producing Formation Lansing

Elevation: Ground 3134' KB 3141'

Total Depth LTD 4725' PBDT



9-23-91

RECEIVED

SEP 18 1991

STATE CORPORATION COMMISSION  
Wichita, Kansas

Operator: License # 06113

Name: Landmark Oil Exploration, Inc.

Address 250 N. Water

Suite 308

City/State/Zip Wichita, KS 67202

Purchaser: Koch Oil

Operator Contact Person: Jeff Wood

Phone (316) 265-8181

Contractor: Name: Blue Goose Drilling

License: 5104

Wellsite Geologist: Kevin L. Howard

Designate Type of Completion

XX New Well Re-Entry Workover

XX Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:

Operator:

Well Name:

Comp. Date Old Total Depth

Drilling Method:

XX Mud Rotary Air Rotary Cable

07/05/91 07/13/91 07/29/91

Spud Date Date Reached TD Completion Date

Amount of Surface Pipe Set and Cemented at 220'sxs @ 334' Feet

Multiple Stage Cementing Collar Used? XX Yes No

If yes, show depth set 2590 Feet

If Alternate II completion, cement circulated from 2590

feet depth to surface w/ 495 643' sx cmt.

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 08-26-91

Subscribed and sworn to before me this 26th day of August

91.

Notary Public 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
- KGS
- SWD/Rep
- Plug
- NGPA
- Other (Specify)

4-1133W

COPY

SIDE TWO

Operator Name Landmark Oil Exploration, Inc. Lease Name Nollette Well # 3-4  
 East County Logan  
 Sec. 4 Twp. 11-SRge. 33-W  West

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.)

Name	Top		Bottom	
	Depth	Interval	Depth	Interval
Anhydrite	2625'	+516	Johnson	4638' -1497
B.Anhydrite	2650'	+491	Mississ	4702' -1561
Heebner	4046'	-905	LTD	4725' -1584
Toronto	4074'	-933		
Lansing "A"	4090'	-949		
Stark	4320'	-1181		
BKC	4380'	-1239		
Marmaton	4404'	-1263		
Pawnee	4512'	-1371		
Ft. Scott	4570'	-1429		
Cherokee	4602'	-1461		

DST #1 4267-4315 30-45-60-60. Rec. 60' gip;  
 40' oil; 30' gmco; 120' goom; & 60' ocwm.  
 FP 60-81/101-134#. SIP 796-747#.  
 DST #2 4361-4390 30-45-60-60. Rec. 480' wtr.  
 FP 50-132/172-254#. SIP 1234-1214#.  
 DST #3 4619-4660 30-45-60-60. Rec. 540' wtr  
 w/o spots. FP 50-132/172-243#. CASING RECORD  
 SIP 487-467#.

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		8-5/8"	19#	334	60-40 poz	220	3% CC, 2% gel
Production		4-1/2"	10.5#	4651	EA-2	185	5% Calseal;
					10% salt; 6# gilsonite/sack; .5% Halad 322 & 1/4% D-Air		

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
3 SPF	4300 - 4308	250 gls 15% MCA	
		750 gls 15% NE	

TUBING RECORD Size 2-3/8" Set At 4320.29 Packer At 2590 Liner Run  Yes  No

Date of First Production 07-29-91 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	75		20		

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

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

Production Interval