

ORIGINAL

SIDE ONE

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

API No. 15- 179-20,984-00-00
County Sheridan
SW SW SW Sec. 27 Twp. 8-S Rge. 26-W XX East West

Operator: License # 06113
Name: Landmark Oil Exploration, Inc.
Address 250 N. Water
Suite 308
City/State/Zip Wichita, Kansas 67202

330 Ft. North from Southeast Corner of Section
4950 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

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

Lease Name Robben Well # #2-27
Field Name Studley South

Contractor: Name: Chief Drilling, Inc.
License: 5886

Producing Formation Lansing-Kansas City
Elevation: Ground 2551' KB 2558'
Total Depth 3973' PBSD

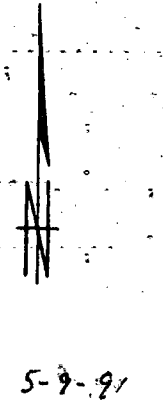
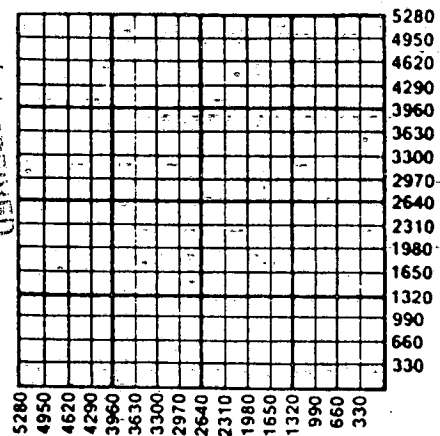
Wellsite Geologist: P. Sam Houston
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

CONSERVATION DIVISION
Wichita, Kansas

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If OWWO: old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable
01-14-91 01-21-91 02-10-91
Spud Date Date Reached TD Completion Date



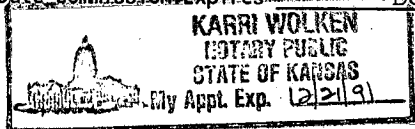
Amount of Surface Pipe Set and Cemented at 285 @ 296 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2178' Feet
If Alternate II completion, cement circulated from 2178
feet depth to surface w/ 325 sx cmt.

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 02-18-91
Subscribed and sworn to before me this 18th day of February,
19 91.
Notary Public Karri Wolken
Date Commission Expires December 21, 1991

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Drillers Timelog Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
		<input type="checkbox"/> NGPA
		<input type="checkbox"/> Other
		(Specify)



MAY 7 1991
CONSERVATION DIVISION
Wichita, Kansas

SIDE TWO

Operator Name Landmark Oil Exploration, Inc.

Lease Name Robben

Well # #2-27

Sec. 27 Twp. 8-S Rge. 26-
 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.)

Formation Description		
Name	Top	Bottom
Anhydrite	2165'	+393
Heebner	3669'	-1111
Lansing "A"	3706'	-1148
Muncie Creek	3824'	-1266
Lansing "J"	3875'	-1317
Stark	3884'	-1326
Lansing "K"	3892'	-1334
BKC	3928'	-1370
LTD	3973'	-1415

DST #1 3720-3765 30-45-45-60. Rec. 30' mo;
 185' clgsyoil; and 95' wtr. FP 71-89/133-178#.
 SIP 1074/1074# DST #2 3762-3792 30-45-45-60.
 Rec. 300' clgsyoil. FP 71-89/133-160#. SIP
 804/804#. DST #3 3810-3847 30-45-45-60. Rec.
 1470' cloil; FP 133-339/401-625#. SIP 983/
 983#. DST #4 3861-3878 30-45-45-60. Rec. 1380'
 gip; 650' gsyoil. FP 89-107/187-196#. SIP 267-357#.

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		8-5/8"	19#	296'	60/40 poz	185	3%CC, 2%gel
production		5-1/2"	14#	3972'	EA2	85	5%calseal; 10% salt; 10% superflush, 18 bbl salt flush.

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	3892 - 3896	1000 gls 15% NE	
3	3836 - 3841		
3	3787 - 3790	250 gls 15% MCA; 500 gls 15% NE	
3	3742 - 3745	250 gls 15% MCA; 750 gls 15% NE	

TUBING RECORD Size 2-7/8" Set At 3913' Packer At 2178' Liner Run Yes No

Date of First Production 02-11-91 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil 170 Bbls. Gas 30 Mcf Water 30 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

1001

B LOG

ORIGINAL Cement Port Collar

2013 R-2

PART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0530							Called out - Job ready @ 0930
	0855							ON Loc. - Reg @ 0930 - No pulling unit on loc. Wait on unit to arrive
	1055							Rig Setup - Start 2 7/8" Tub - Setup Equip
	1220							Tubing @ 2174' - find Port Collar - Hook up
	1232						500	Press. Test Csg. - Holding
	1234	2 1/2	5.0				300	Open Port Collar - Take inj. Rate
	1236	2 1/2	20.0				300	Start 20 bbl. Salt Flush
	1243	3.0					300	Start mixing 325 sks. HLC w/ 1/4" Flocele
	1255	3.0					400	Press. @ 400'
	1305	3.0					600	85 bbl. Cmt. pumped - Cmt. Circulating to pit
	1307	3.0	91.2				650	260 sks. (Approx.) mixed - Co. man requested us to stop mixing
	1308	2 1/2	12.6				450	Start disp.
	1313	2.0					800	Cmt. displaced
	1313						500	ISIP = 500'
	1315							Rig Close Port Collar
	1321						1000	Press. test Csg. - Holding
	1324	3.0					300	Start Reversing out
	1336	3.0	26.0				300	Finish Reversing out
	1340							Fill Rat hole & wash up PT
	1350							Job Completed
								Thank you Eldon - Harold - Mark
								Circulated 50 sks. to pit (used Approx 260 sks.)

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CONSERVATION DIVISION Wichita, Kansas

JOB LOG

WELL NO. 2-27 LEASE Robben

TICKET NO. 404764-3

CUSTOMER Landmark Oil Exploration

PAGE NO. # 1 of 1

FORM 2013 R-2

15-179-20984-00-00

JOB TYPE 5 1/2" Production Csg.

DATE 1-22-91

ORIGIN

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0330							Called out - Job ready @ 0700hrs
	0655							On Loc. - Rig laying down DP
	0826							DP out of hole - Rig up to run Csg. - Set up
	1023							Start 5 1/2" Csg. - First Equip. - Reg. Guide
								Shoe - Insert w/ Auto - Fill up
								5-4 Cent. ON - 1-2-3-4-6-8" Collars
								Bert. + Cent. 1 ft. below Bert Collar @ 2176'
								Cent. 50 & 160 ft above port Collar
	1236							Csg. @ 3970' - Hook up to Circ.
	1242							Rig Start Circulating
								Mix Superflush + Saltflush
	1321							Hook up to P.T.
	1335	5.0	18.0				150	Start 18 bbl. Saltflush (150" salt)
	1339	5.0	5.0				200	Start 5 bbl. water Spacer
	1341	5.0	10.0				200	Start 420 gal. Superflush
	1344	5.0	5.0				100	Start 5 bbl. water Spacer
	1346	5.0	20.1				250	Start LINING 85 SH. E# 2 5 1/2" Col. Seal-10' Salt .5% Hald 322 + .25% D-Air
	1352						175	Finish mixing Cmt.
								Wash up Pump + Lines - Release 5 1/2" 5-w Top Plug
	1355	6.0	95.9				100	Start Jsp
	1408	6.0					325	85 bbl. disp. in - Press. Increasing
	1410	6.0					1350	Plug down - Final Circ Press = 700"
	1413						0	Release Press. - Insert holding
	1415							Job Completed

Thank you
Eldon - Jerry - Harold

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