

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- 179-20,976 - 00 - 00
County Sheridan ✓
SE 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
4290 ✓ Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

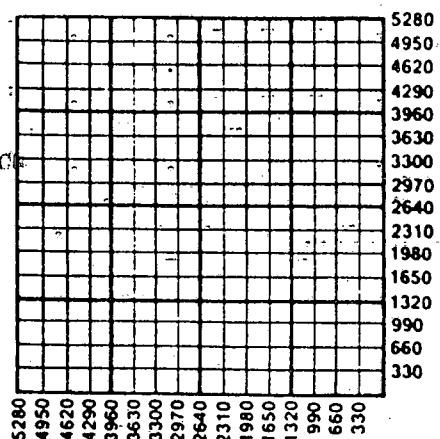
Purchaser: Koch
Operator Contact Person: Jeff Wood
Phone (316) 265-8181
Contractor: Name: Chief Drilling, Inc.
License: 5886

Lease Name Robben ✓ Well # #1-27
Field Name Studley South
Producing Formation Lansing-Kansas City
Elevation: Ground 2529' KB 2536'
Total Depth 3961' PBDT

Wellsite Geologist: P. Sam Houston
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.)

RECEIVED
2-15-1991
FEB 15 1991
CONSERVATION DIVISION
Wichita, Kansas

If **OWMO**: old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
Drilling Method:
XX Mud Rotary Air Rotary Cable
11-29-90 12-06-90 01-04-91
Spud Date Date Reached TD Completion Date



4-9-91

Amount of Surface Pipe Set and Cemented at 251' @ 260' Feet
Multiple Stage Cementing Collar Used? XX Yes No
If yes, show depth set 2170' Feet
If Alternate II completion, cement circulated from 2176'
feet depth to surface w/ 335 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 Jeffrey R. Wood, President Date 02-14-91
Subscribed and sworn to before me this 14th day of February,
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)



91

SIDE TWO

Operator Name Landmark Oil Exploration, Inc. Lease Name Robben Well # #1-27
 Sec. 27 Twp. 8-S Rge. 26-W 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets.) Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.) DST #1 3708-3733, 30-30-30-30. Rec. 25' sw. FP 89-89/89-89#. SIP 983-983#. DST #2 3730-3755, 30-45-30-30. Rec. 10' oil specked mud. FP 62-62/62-62# SIP 894-491#. DST #3 3797-3850, 30-45-45-60. Rec. 90' gip; 30; ocm; & 90' mw. FP 44-44/71-71#. SIP 983/ 983#. DST #4 3847-3894, 30-45-45-60. Rec. 2050' gyoil. FP 133-267/357-580#. SIP 1110-1110#.	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="3" style="text-align: center;">Formation Description</th> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/> Log</td> <td colspan="2" style="text-align: center;"><input type="checkbox"/> Sample</td> </tr> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Bottom</th> </tr> <tr> <td>Anhydrite</td> <td>2141'</td> <td>+395</td> </tr> <tr> <td>B. Anhydrite</td> <td>2174'</td> <td>+362</td> </tr> <tr> <td>Heebner</td> <td>3649'</td> <td>-1113</td> </tr> <tr> <td>Lansing "A"</td> <td>3691'</td> <td>-1155</td> </tr> <tr> <td>Lansing "B"</td> <td>3725'</td> <td>-1189</td> </tr> <tr> <td>Muncie Creek</td> <td>3806'</td> <td>-1270</td> </tr> <tr> <td>Lansing "J"</td> <td>3857'</td> <td>-1321</td> </tr> <tr> <td>Stark</td> <td>3866'</td> <td>-1330</td> </tr> <tr> <td>Lansing "K"</td> <td>3872'</td> <td>-1336</td> </tr> <tr> <td>BKC</td> <td>3908'</td> <td>-1372</td> </tr> <tr> <td>LTD</td> <td>3961'</td> <td>-1425</td> </tr> </table>	Formation Description			<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample		Name	Top	Bottom	Anhydrite	2141'	+395	B. Anhydrite	2174'	+362	Heebner	3649'	-1113	Lansing "A"	3691'	-1155	Lansing "B"	3725'	-1189	Muncie Creek	3806'	-1270	Lansing "J"	3857'	-1321	Stark	3866'	-1330	Lansing "K"	3872'	-1336	BKC	3908'	-1372	LTD	3961'	-1425
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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"	20#	260'	60/40 poz	160	3%CC, 2%gel
Production		4-1/2"	10.5#	3960'	EA2	100	5% Halseal; 10% salt, Halad 322

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
3873-3876 3 spf	3872-3876	250 gls 15% MCA	
	3857-3860		

TUBING RECORD Size 2-3/8" Set At 3888' Packer At 2170 Liner Run Yes No

Date of First Production 01-05-91 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	225				0			

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



ORIGINAL BOX 951046
75395-1046

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
904396	12/06/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
ROBBEN 1-27		SHERIDAN		KS	LANDMARK OIL EXPLOR.	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
OBERLIN		CHIEF DRILLING		TOP OUTSIDE PRODUCTION CASING		12/06/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
494648	RUSSELL BRIGHT			COMPANY TRUCK	06550	

RECEIVED
LANDMARK OIL EXPLORATION STATE CORPORATION COMMISSION
250 N. WATER, SUITE 308
WICHITA, KS 67202
2-15-1991
FEB 15 1991

DIRECT CORRESPONDENCE TO:
SUITE 1300
LIBERTY TOWER
100 BROADWAY AVENUE
OKLAHOMA CITY, OK 73102-0000

CONSERVATION DIVISION
Wichita, Kansas

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	A - MID CONTINENT MILEAGE	50	MI	2.35	117.50
000-118	MILEAGE SURCHARGE-CEMENT-LAND	50	MI	.40	20.00
001-016	CEMENTING CASING	3979	FT	1,145.00	1,145.00
030-016	CEMENTING PLUG 5W ALUM TOP	4 1/2	IN	32.00	32.00
018-317	SUPER FLUSH	10	EA	74.00	740.00
12A	GUIDE SHOE - 4 1/2" 8RD THD.	1	EA	83.00	83.00
825.201	INSERT FLOAT VALVE - 4 1/2" 8RD	1	EA	73.00	73.00
815.19101	FILL-UP UNIT 4 1/2"-5"	1	EA	27.50	27.50
27	CENTRALIZER 4-1/2" MODEL S-4	10	EA	41.00	410.00
815.19111	CEMENT BASKET 4 1/2"	1	EA	85.00	85.00
40	STANDARD CEMENT	100	SK	6.75	675.00
807.93004	CAL SEAL	5	SK	19.70	98.50
320	D-AIR 1, POWDER	24	LB	2.55	61.20
800.8881	HALAD-322	47	LB	5.75	270.25
504-308	SALT	433	LB	.10	43.30
508-127	SALT	150	LB	.10	15.00
507-970	BULK SERVICE CHARGE	113	CFT	1.10	124.30
507-775	MILEAGE CNTG MAT DEL OR RETURN	260.1	TMI	.75	195.08
509-968	MILEAGE SURCHARGE-CEMENT MAT.	260.1	TMI	.10	26.01
509-968					
500-207					
500-306					
500-307					
	INVOICE SUBTOTAL				4,241.64

***** CONTINUED ON NEXT PAGE *****

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.



HALLIBURTON SERVICES ORIGINAL

INVOICE

A Halliburton Company

INVOICE NO.	DATE
904396	12/06/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
ROBBEN 1-27		SHERIDAN		KS	LANDMARK OIL EXPLOR.
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
OBERLIN	CHIEF DRILLING	TOP OUTSIDE PRODUCTION CASING		12/06/1990	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
494648	RUSSELL BRIGHT			COMPANY TRUCK	06550

RECEIVED
STATE CORPORATION COMMISSION
LANDMARK OIL EXPLORATION
250 N. WATER, SUITE 308
WICHITA, KS 67202

2-15-1991
FEB 15 1991
CONSERVATION DIVISION
Wichita, Kansas

DIRECT CORRESPONDENCE TO:
SUITE 1300
LIBERTY TOWER
100 BROADWAY AVENUE
OKLAHOMA CITY, OK 73102-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
	DISCOUNT-(BID)				839.12-
	INVOICE BID AMOUNT	2-15-1991			3,402.52
	*-KANSAS STATE SALES TAX				72.59
	*-DECATUR COUNTY SALES TAX				17.07
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$3,492.18

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.



INVOICE

HALLIBURTON SERVICES

ORIGINAL

A Halliburton Company

INVOICE NO.	DATE
904419	12/14/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
ROBBEN 1-27		SHERIDAN		KS	LANDMARK OIL EXPLOR.
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE			TICKET DATE
OBERLIN	HEMBREE WELL	CEMENT PRODUCTION CASING			12/14/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
494648	RUSSELL BRIGHT			COMPANY TRUCK	07008

LANDMARK OIL EXPLORATION
250 N. WATER, SUITE 308
WICHITA, KS 67202

STATE CONSERVATION COMMISSION
DIRECT CORRESPONDENCE TO:
FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601
2-15-1991
FEB 15 1991
2-15-2995-1991
CONSERVATION DIVISION
Wichita, Kansas

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	EA - MID CONTINENT MILEAGE	50	MI	2.35	117.50
000-118	MILEAGE SURCHARGE-CEMENT-LAND	50	MI	.40	20.00
009-019	PLUGGING BK SPOT CEMENT OR MUL	2000	FT	960.00	960.00
504-316	HALLIBURTON LIGHT W/STANDARD	349	SK	6.10	2,104.50
507-210	FLOCELE	109	LB	1.30	141.70
509-968	SALT	200	LB	.10	20.00
500-306	MILEAGE CMTG MAT RETURNED	210	TMI	.75	157.50
500-225	CEMENTING MATERIALS RETURNED	1	EA	109.80	109.80
500-207	BULK SERVICE CHARGE	442	CFT	1.10	486.20
500-306	MILEAGE CMTG MAT DEL OR RETURN	1003.89	TMI	.75	752.89
500-307	MILEAGE SURCHARGE-CEMENT MAT.	1003.89	TMI	.10	100.39
INVOICE SUBTOTAL					4,970.48
DISCOUNT-(BID)					970.01-
INVOICE BID AMOUNT					4,000.47
*-KANSAS STATE SALES TAX					123.86
*-DECATUR COUNTY SALES TAX					29.14
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$4,153.47

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.

CON SERVICES
JOB LOG

WELL NO. #1-27 LEASE Robben
CUSTOMER Landmark Original Gas
JOB TYPE Cement Port Collar
TICKET NO. 904419-X
PAGE NO. #1 of 1
DATE 12-14-90

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0500							Called out - Job ready @ 0930 hrs
	0935							ON loc. - Rig waiting - Set up Equip.
	1023							Hook up to 2 3/8" Tub - Tubing @ 2176'
	1030							Start loading hole
	1033					500	500	Hole loaded w/ 3 1/2 bbl. - Press. @ 500#
	1037	3.0	3.5			350	350	Port Collar open - Take Rate
	1038	3.0	20.0			350	350	Start 20 bbl. Salt flush
	1043	3.5				400	400	Start mixing 435 SKS. HLC w/ 1/4" Fluoce
	1046	4.0				525	525	Cemt. @ Port Collar - Rate @ 4 BPM @ 525#
	1107	3.5				700	700	285 SKS. mixed - 3 1/2 BPM @ 700#
	1113	3.5				850	850	Cement Started Circulating - Std. disp.
	1115	3.5				900	900	8 bbl. disp. in - Shut down Rig Crew Close Port Collar
	1118					500	500	Press. Test Csg. - Holding 500#
	1120					0	0	Release Press.
	1122	2 1/2				600	600	Tubing @ 2190' - Start Reversing out
	1131		20.0					Cement Reversed out
	1132							Shut down -
	1145							Job Completed
								Thank you Eldon - Jerry Joe - Dave
								Mixed approx 340 SKS. HLC.
								Cement did Circulate

RECEIVED
STATE CORPORATION COMMISSION
3-11-1991
MAR 11 1991