

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

Operator: License # 06113

Name: Landmark Oil Exploration, Inc.

Address 250 N. Water

Suite 308

City/State/Zip Wichita, Kansas 67202

Purchaser: Koch Oil Company

Operator Contact Person: Jeff Wood

Phone (316) 265-8181

Contractor: Name: Murfin Drilling Co., Inc.

License: \_\_\_\_\_

Wellsite Geologist: Kevin Howard

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  SIDW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBSD  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

06-26-92 07-04-92 07-24-92  
Spud Date Date Reached TD Completion Date:

API NO. 15- 193-20597-00-00

County Thomas

C - SW - SW - NE Sec. 25 Twp. 10-S Rge. 34-W

2970 Feet from S/W (circle one) Line of Section

2310 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)

Lease Name Mai Trust Well # #1-25

Field Name Unnamed

Producing Formation Lansing-Kansas City

Elevation: Ground 3160' KB 3165'

Total Depth 4738' PBSD \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 349' @ 355' Foot

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set 2645' Feet

If Alternate II completion, cement circulated from 2725'

feet depth to \_\_\_\_\_ w/ 550 sx cat.

Drilling Fluid Management Plan 6-7-93  
(Data must be collected from the Reserve Pit)

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Dewatering method used \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 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 geologist well report 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.

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 \_\_\_\_\_

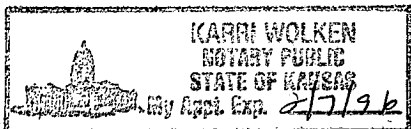
Title President, Jeffrey R. Wood Date 08/11/92

Subscribed and sworn to before me this 11th day of August 19 92.

Notary Public Karri Wolken

Date Commission Expires February 7, 1996

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
RECEIVED  
KANSAS CORPORATION COMMISSION  
08-21-1992  
AUG 21 1992  
Distribution  
SWD/Rep \_\_\_\_\_ NGPA  
Plug \_\_\_\_\_ Other (Specify) \_\_\_\_\_



P1

SIDE TWO

Operator Name Landmark Oil Exploration, Inc. Lease Name Mai Trust Well # #1-25  
 East County Thomas  
 Sec. 25 Twp. 10S Rge. 34W  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.)  
 List All E.Logs Run:

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum

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#	355'	60-40 poz	235	3%CC, 2%gel
Production		4-1/2"	10.5#	4475'	EA-2	125	20bbls salt flush 420 gls mid flush 5% Calseal; 10% salt; .25% D-Air and .5% Halad 322

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing		Common	100	75 sacks w/.6% Halad and 25 sacks w/out
<input checked="" type="checkbox"/> Plug Back TD				
<input checked="" type="checkbox"/> Plug Off Zone		Lite	200	.25#/sack flocele - via annulus

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4374.5 - 4376.5		
4	4356 - 4358		
3	4319 - 4327	500 gls 15% MCA; 1500 gls 15% NE	

TUBING RECORD Size 2-3/8" Set At 4334' Packer At 2645' Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. 7-26-92 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  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_  
 Production Interval 4319-4327

ORIGINAL

Attachment to ACO-1  
Page Two

15-193-20597-00-00

Operator: Landmark Oil Exploration, Inc.  
Lease: Mai Trust #1-25  
Location: SW SW NE, Sec. 25-T10S-R34W  
Thomas County, Kansas  
API #: 15-193-20597

DST #1 4230-4257 ("H" zone) 30-30-30-30. Rec. 10' mud.  
FP 44-44/44-44#. SIP 1116-1131#.

DST #2 4286-4314 ("J" zone) 30-15-15-15. Rec. 15' mud.  
with scum of oil, 3% oil. FP 37-37/44-44#. SIP 1109-117#.

DST #3 4286-4370 ("K" & "L") 30-45-45-60. Rec. 1527' gip;  
1400' total fluid - 1290' ocm, 20% gas, 42% oil, 30% water,  
8% mud; and 110' sw, 1% oil, 99% sw. FP 122-424/497-610#.  
SIP 1274-1230#.

DST #4 4578-4666 (Johnson) 30-30-30-30. Rec. 20' mud with  
oil spots. FP 55-55/66-66#. SIP 597-373#.

LOG TOPS

Anhydrite	2626'	+519
B.Anhydrite	2674'	+491
Heebner	4036'	-871
Lansing "A"	4078'	-913
Muncie Creek	4219'	-1054
Stark	4308'	-1143
Lansing "K"	4319'	-1154
Lansing "L"	4349'	-1184
BKC	4372'	-1207
Pawnee	4498'	-1333
Ft. Scott	4552'	-1387
Cherokee	4581'	-1416
Johnson Zone	4625'	-1460
Mississippi	4691'	-1526
LTD	4738'	-1573
RTD	4740'	-1575

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AUG 21 1992

CONSERVATION DIVISION  
WICHITA, KS

**SERVICES LOG**

WELL NO. 1-25 LEASE MA-TRUST TICKET NO. 216130  
 CUSTOMER LANDMARK EXPLORATION PAGE NO. 1  
 JOB TYPE LONG STRING DATE 7-4-92-1992

TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
			T	C	TUBING	CASING	
12/800							called out ORIGINAL
2330							ON loc RIG side
-592 0115							CSG ON LOC.
0145							START Laying DOWN D.P.
0450							FIN Laying DOWN D.P.
0615							START 4 1/2 CSG w/ REG guide shoe w/ INSERT FLOT VALVE TOP 1 ST. J. centralizers on 1, 2, 3, 4, 5, 6, 43, 45 78, 79 & 100
							CENT BKT ON 2, 44, 79
0830							BAKEN PORT COLLAR ON #44 @ 2642
							FIN CSG
0835							Hook up Rotating head & Plug Cont.
							START circ - pipe stuck BUT would rotate
0945	6			1		500	START 20 BBL SALT Flush Good circ,
0948	6	20		1		500	FIN Flush
0949	6	3		1		500	3 BBL SPACER
0950	6			1		500	START 10 BBL Super Flush
0953	6	10		1		500	FIN Super Flush
0954	6	3		1		500	3 BBL SPACER
0954	6			1		500	START mix 125 SKS EA-2 w/ 5% CAL-SOL - 25% AIR, 10% SALT & 5% HALAD 322
1000	6			1		200	FIN mix cont
							Wash up pump & lines
1001	7			1		200	RELEASE SW Top Plug
1008	7	50		1		300	START Disp
	6			1		800	START LIFTING cont
1012	6	70		1		1600	circ PS,
1015							FIN Disp - Good circ During Job.
1018						0	RELEASE - HOLD
							Mix 15 SKS 60/40 or 260/90 GET FOR RAT hole - Fill To SURF.
							Job complete
							Thank you
							John, Leary & Jack

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CONSERVATION DIVISION  
 WICHITA, KS

15-193-20597-00-00

ORIGINAL



WORK ORDER CONTRACT AND PRE-TREATMENT DATA

FORM 1908 R-7

A Division of Halliburton Company

ATTACH TO INVOICE & TICKET NO. 216125-8

DISTRICT Pratt, KS

DATE 7-15-92

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: Landmark Oil Exploration (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. # 1-25 LEASE Mai Trust SEC. TWP. RANGE

FIELD S. Colby, KS COUNTY Thomas STATE KS OWNED BY Landmark Oil Exploration

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME TYPE FORMATION THICKNESS FROM TO PACKER TYPE EZSV SET AT 4346' TOTAL DEPTH 4346' MUD WEIGHT BORE HOLE INITIAL PROD. OIL BPD, H2O BPD, GAS MCF PRESENT PROD. OIL BPD, H2O BPD, GAS MCF

Table with columns: NEW USED, WEIGHT, SIZE, FROM, TO, MAX. ALLOW. P.S.I., SHOTS/FT. Rows include CASING (10.5, 4 1/2", KB, 4346'), LINER, TUBING (U, 4.7, 2 3/8", KB, 4346'), OPEN HOLE, PERFORATIONS (4356, 4358)

PREVIOUS TREATMENT: DATE TYPE MATERIALS

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED. 1 1/2 sks. Std. w/ 6 1/2 lbs. 4346' - 3.22 + 25 sks. Std. No Add.

As directed

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

As consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED. a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 20th of the following month after date of invoice. b) To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law. c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the effectiveness of the products, supplies or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. d) That Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. e) That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. f) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law. g) That this contract shall be governed by the law of the state where the services are performed or materials are furnished. h) That Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

AUG 21 1992

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED [Signature] CUSTOMER

CONSERVATION DIVISION

DATE 7-15-92

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

TIME 0930 A.M. P.M.

**JOB LOG**

15-193-20597-00-00

WELL NO. 1-25 LEASE Mar. Trust TICKET NO. 222502

CUSTOMER Landmark Oil Exploration PAGE NO. ORIGINAL

JOB TYPE Cmt down Annulus DATE 7-22-92

2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	4" BINGS	CASING	
	0815							On hoc. loggers running Temp Survey
	0930							Order PT + cement - rig crew run Tbg.
	1210							Trucks on hoc. Set up Eq
	1230							Hook up to Annulus - load Hole
	1233							500 loaded - Press up - Close in Ann
	1234		1-H <sub>2</sub> O					Hook up to Braden Head
	1236							St H <sub>2</sub> O for Inj Rate
	1244							Shut Down - Slow Bleed
	1245					400		Press up - Slow Bleed
	1246					400		Press Rate
	1247	1/4	1/2			400		St 200 sts HHC-490 Add. Gel - 1/4 lb Floccle
	1248	1 1/2	1 1/2 H <sub>2</sub> O			225		Increase Rate
	1250	2 1/4	3 Cmt			250		Finish Cmt - Shut Down - Holding
	1325	-	83-Cmt			150		St H <sub>2</sub> O to Flush
	1326	1 1/2				225		Shut Down - Holding - Close valve on Braden Head - Hook up to Ann
	1328		2-H <sub>2</sub> O			150		325 Open Valve - Start Oil to Circ
	1339	2						Hole - Tbg @ 21725'
	1400		H-Oil					Oil Circ - Shut Down
								Job Complete
								Thank You
								Scott, Mike Harold

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CONSERVATION DIVISION  
WICHITA, KS

**JOB LOG**

WELL NO. 15-193-20597-00-00 LEASE Mar Trust TICKET NO. 222501

CUSTOMER Landmark Oil Exploration PAGE NO. 1

FORM 2013 R-2

JOB TYPE Cmt thru Port Collar DATE 7-28-92

**ORIGINAL**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0720							On hoc - Bulk Truck Stuck - wait on cat + H <sub>2</sub> O
								Bulk Trucks Spotted - H <sub>2</sub> O on hoc
								Hoc up to T <sub>og</sub> - RBP @ 2125'
	0935							hoard T <sub>og</sub> - 2654'
	0937		1-H <sub>2</sub> O			1,000	1,000	T <sub>og</sub> hoard - close Ann - Press up to
						"	"	Test RBP - Holding
	0945					—	—	Release press - spot 1st 20/40 sand
	0955		9-H <sub>2</sub> O			—	—	Finish Spot - let Sand Fall
	1030							wait on State Rep. to witness Job.
	1250					300	300	Press up T <sub>og</sub> - Ann Closed - Holding
	1254	3 1/2				750	750	Open Port Collar - Start 500 lbs
								H.C. - 4% Add. gel - 14 lb Florida
								Ann blowing
		3 1/2	10-Cmt			750	750	Hole Circ
		3 1/4	110-Cmt			925	925	Press Rate
	1352	3 1/4	208-Cmt			900	900	Finish light - Start 500 lbs Slid - 2% Gel
	1356	3	220-Cmt			900	900	Fin Cmt - St Displ.
		3	8-H <sub>2</sub> O			1200	1200	Press + Rate
	1400	—	10-H <sub>2</sub> O			550	550	Fin. Displ. - Shut Down - Close
								Port Collar
	1403					1500	1500	Test Cmg - Holding
	1405	"				—	—	Release Press - Run 2 1/2 T <sub>og</sub>
		3				600	500	Wash Sand all RBP + Circ
								Hole Clean
	1415	—	25 lbs			—	—	Shut down - Pull T <sub>og</sub>
								" Cmt did not Circ "
								Job Complete
								Thank You..
								Scott, Mike, Mike Kent

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