

ORIGINAL

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

API NO. 15- 179-21,028-00-00
County Sheridan
SE SW SW Sec. 23 Twp. 9S Rge. 27 XW

Operator: License # 06113

Name: Landmark Oil Exploration, Inc.

Address 250 N. Water, Ste. 308

City/State/Zip Wichita, KS 67202

Purchaser: _____

Operator Contact Person: Jeffrey R. 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 SLOW 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. _____

12/17/91 12/27/91 12/28/91
Spud Date Date Reached TD Completion Date

330 Feet from SN (circle one) Line of Section
4290 Feet from EW (circle one) Line of Section

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

Lease Name White Well # 1-23

Field Name _____

Producing Formation _____

Elevation: Ground 2669' KB 2674'

Total Depth 4124' PBSD 4100'

Amount of Surface Pipe Set and Cemented at 263 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 cnt.

Drilling Fluid Management Plan DDA 6-10-93
(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 _____

Quarter _____ Sec. _____ Twp. 23 Rng. _____ E/W

County _____

RECEIVED
STATE CORPORATION COMMISSION
LICENSE DIVISION
JAN 23 1992
01-23-1992
CONSERVATION DIVISION
Wichita, Kansas

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 01-13-92

Subscribed and sworn to before me this 13th day of January, 19 92.

Notary Public Ann A. Reed

Date Commission Expires 8-1-95

ANN A. REED
NOTARY PUBLIC
STATE OF KANSAS
Exp. 8-1-95

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

P1

Operator Name Landmark Oil Exploration, Inc. Lease Name White Well # 1-23

Sec. 23 Twp. 9S Rge. 27 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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	2282'	+395
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	B. Anhydrite	2317'	+360
List All E. Logs Run:		Topeka	3606'	-929
		Heebner	3820'	-1143
		Toronto	3841'	-1164
		Lansing "A"	3858'	-1181
		Muncie Creek	3977'	-1300
		Stark	4044'	-1367
		BKC	4088'	-1411
		LTD	4126'	-1449

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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"		-263'	60/40	180	3%CC, 2%Gel

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				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> 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 _____

SERVICE OPERATIONS CONTRACT
CONTINUATION

15-179-21028-00-00

CONTRACT NO. 058913

DD 12/81	YY 81	DISTRICT OARuffs	DIST. NO. 585	AUTHORIZED BY
ER handmark Oil Co.				

ORIGINAL

PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
101020113	1	Price of Job	10630	wt	465 00
10110910105	42	Pump truck mileage (one-way)	2.47	mi	103 74
1041105PH	114	CLASS A	7.11	SK	810 54
10411510118	76	Poz-Mix	3.81	SK	289 56
104201145	1000	Gel	.15	lb	150 00
104310153A	1	8 5/8 plug	17.00	WA	17 00
1088101001	298	M+D	1.16	cu ft	345 68
10914101101	365.4	Hauling (8.7 x 42)	.79	T/m	288 67
		sub-total			2468.19
		less disc 20%			493.64
		total			1974.55

RECEIVED
STATE CORPORATION COMMISSION
JAN 23 1992
CONSERVATION DIVISION
Wichita, Kansas

SERVICE REPRESENTATIVE Ron McCulloch	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Ruth W. [Signature]
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CHECK IF CONTINUATION IS USED
CUSTOMER: This is not an invoice - This Service Operations Contract is subject to review and correction by our Accounting Department.



SERVICE OPERATIONS CONTRACT CONTINUATION

15-179-21028-00-00

CONTRACT NO. 627832

MM DD YY 12 17 91

DISTRICT HAYS

DIST. NO. 583

AUTHORIZED BY Lydell Pellette

CUSTOMER Landmark Oil

ORIGINAL

PRICE BOOK 01

PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
1010031012	1	Pump Truck Charge	463.00	E	463.00
101090015	40	Pump Truck Mileage	2.47	mi	98.80
104105104	108	Common Cement	7.11	SK	767.88
1041151018	72	P62	3.81	SK	274.32
1042101415	310	Gal	.15	L	46.50
1041151019	464	Gal Chloride A-71	.48	L	222.72
10431015319	1	Plug	20.00	E	20.00
10188010011	180	Handling & Dumping	1.16	SK	208.80
10914011011	324	Hauling 8.1 TON 40mi	.79	tm	255.96
		Subtotal			2357.98
		less			657.98
		As per Bid Subtotal			1700.00

SERVICE REPRESENTATIVE Bill R. Pellette

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:

[Signature]

CHECK IF CONTINUATION IS USED (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

CUSTOMER: This is not an invoice - This Service Operations Contract is subject to review and correction by our Accounting Department.