

ORIGINAL

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: N/A

Operator Contact Person: Jeff 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 SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, MSW, 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 PBTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

04-06-92 04-18-92 04-19-92
Spud Date Date Reached TD Completion Date

API NO. 15- 093-21,201-0000

County Kearny

C - NE - SE - SW Sec. 18 Twp. 24-S Rge. 36-W E

990 Feet from (S)N (circle one) Line of Section

2970 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 Loeppke Well # #1-18

Field Name Neff

Producing Formation N/A

Elevation: Ground 3218' KB 3227'

Total Depth 5070' PBTD _____

Amount of Surface Pipe Set and Cemented at 2002'@2005 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 cmt.

Drilling Fluid Management Plan AITD
(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 04-28-92

Subscribed and sworn to before me this 28th day of April, 1992.

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
Distribution RECEIVED
KCC
KGS
MAY 1 1992
KANSAS CORPORATION COMMISSION
Wichita, Kansas

Operator Name Landmark Oil Exploration, Inc.

Lease Name Loeppke

Well # #1-18

East

County Kearny

Sec. 18 Twp. 24-S Rge. 36-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.)

Log Formation (Top), Depth and Datum Sample

Name Top Datum

List All E.Logs Run:

Dual Induction Laterolog
 Neutron Density

CASING RECORD <input checked="" 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"	24#	2005'	Class C lite Class H	750 100	2% CC

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 Yes No

Date of First, Resumed Production, SWD or Inj. 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 _____

ORIGINAL

Attachment to ACO-1

Page Two

Operator: Landmark Oil Exploration, Inc.
Lease Name: Loeppke
Well Number: #1-18
Location: C NE SE SW, Sec. 18-24S-36W
Kearny County, Kansas
API Number: 15-093721,201-0000

DST Information:

DST #1 3851-3871 (Upper "B" zone) 30-60-45-75
Rec. 50' cgo; 40' o&gcm, 25% oil. FP 27-38/
56-67#. SIP 844-776#.

DST #2 3858-3884 ("B" zone straddle) 30-45-45-60.
Rec. 5' cgo and 475' msw. FP 61-147/169-242#.
SIP 673-646#.

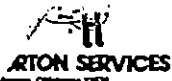
DST #3 4715-4810 (Morrow) 30-30-30-30. Rec. 30'
mud. FP 61-61/61-61#. SIP 72-61#.

DST #4 4979-5005 (St.Louis "C"); 30-45-45-60.
Rec. 920' vsocm, 5% oil, 95% mud; 60' wcm, 35%
wtr, 65% mud. FP 113-321/366-547#. SIP 2370-
2297#.

LOG TOPS

B.Anhydrite	2012'	+1215
Winfield	2572'	+ 655
Heebner	3787'	- 540
Lansing	3820'	- 593
Stark Shale	4154'	- 927
Marmaton	4342'	-1115
Upper Cherokee	4472'	-1247
Morrow Shale	4744'	-1517
Mississippi	4865'	-1638
St. Louis "C"	4989'	-1762
LTD	5072'	-1845

RECEIVED
STATE CORPORATION COMMISSION
MAY 13 1992
CONSERVATION DIVISION
Wichita, Kansas



ORIGINAL WORK ORDER CONTRACT AND PRE-TREATMENT DATA

A Division of Halliburton Company

ATTACH TO INVOICE & TICKET NO. 216540

2001, KS.

DATE 4-19-92

HALLIBURTON SERVICES

YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE

SAME AS AN INDEPENDENT CONTRACTOR TO: Landmark Oil Exp. (CUSTOMER)

AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. # 1-18 LEASE Leoppe SEC. 18 TWP. 24 RANGE 36

FIELD _____ COUNTY KEARNY STATE KS. OWNED BY Some

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

PACKER: TYPE _____ SET AT _____

TOTAL DEPTH 5070 MUD WEIGHT _____

BORE HOLE 7 7/8

INITIAL PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF

PRESENT PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING	<u>U</u>	<u>24#</u>	<u>8 5/8</u>	<u>G.L.</u>	<u>2005</u>	
LINER						
TUBING ^{DP.}	<u>U</u>	<u>16.6</u>	<u>4 1/2</u>	<u>K.B.</u>	<u>3120</u>	
OPEN HOLE			<u>7 7/8</u>	<u>2005</u>	<u>5070</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED _____
P.T.A. w/ 225 SKS 40/60 P02, 670 G01

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

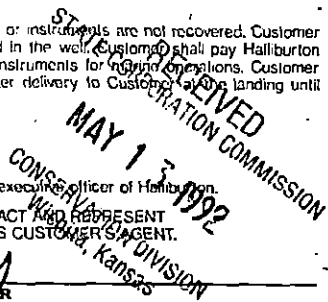
- a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which 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 attorneys 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.
- 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 for:
 1. Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
 2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 3. Personal injury or death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by Halliburton's negligence, strict liability, or the unseaworthiness of any vessel owned, operated, or furnished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton whether in the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of Halliburton. The term "Halliburton" as used in said Sections b) and c) shall mean Halliburton, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.
- 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. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and Customer shall indemnify Halliburton against any damages arising from the use of such information.
- d) That Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.
- 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. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for ground operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer and until returned to the landing, unless such loss or damage is caused by 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 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.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN IT AS CUSTOMER'S AGENT.
SIGNED Rodney Fox CUSTOMER

DATE 4-19-92

TIME 09:30 A.M. P.M.



I 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.

ORIGINAL

1-18

15-093-21201-0000

WELL NO. 1-18 LEASE 11 TICKET NO. 1
 CUSTOMER Landmark Oil Co. PAGE NO. 1
 JOB TYPE P.T.A. DATE 4-19-92

TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
			T	C	TUBING	CASING	
05:30							CALLED OUT
09:00							ON LOCATION L.D.O.C.
11:10							100SKS @ 3120' TOE 2657'
11:13	5	10	1			300/300	Pump Spacer Ahead
11:15	5	27.9	1			300/200	Mix Pump Cement
11:21	5	3.5	1			200/100	Pump Spacer Behind
11:22	5	33.5	1			100/10	Pump Mud Displacement
11:28							Plug Down - Knock Loose
12:03							50SKS @ 2090' TOE 1800'
12:05	5	10	1			200/200	Pump Spacer Ahead
12:07	5	13.9	1			200/150	Pump Cement
12:09	5	3.5	1			150/100	Pump Spacer Behind
12:10	5	21.7	1			100/10	Pump Mud Displacement
12:14							0 Plug Down - Knock Loose
12:40							40SKS @ 900' TOE 725'
12:46		58.0	1			100/100	Pump Spacer Ahead
12:55		11.1	1			100/150	Mix Pump Cement
12:57		10.2	1			50/10	Pump Mud Displ.
12:59							0 Plug Down - Knock Loose
14:13							10SKS @ 40' TOE 4'
14:15	1	5	1				0 Pump Spacer Ahead
14:20	1	2.8	1				0 Mix Pump Cement
14:22	1	1.0	1				0 Pump Head Displ.
14:25							0 Plug Down - Knock Loose
14:30	1	7.0	1				0 Plug Rat + Mouse
14:45							Knock Loose + Rack-up
							Thanks C. Row

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 MAY 13 1992
 CONSERVATION DIVISION
 Wichita, Kansas



WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ORIGINAL

15-093-21201-0000

ATTACH TO INVOICE & TICKET NO. 216640

Liberal KS

DATE 4-9-92

HALLIBURTON SERVICES

YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE

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. 1-18 LEASE Hoepcke SEC. 18 TWP. 24S RANGE 36W

FIELD COUNTY Kearny STATE KS OWNED BY Same

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME TYPE FROM TO THICKNESS Packer: TYPE SET AT TOTAL DEPTH 2006 MUD WEIGHT 9.0 BORE HOLE 12 1/4 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. Rows include CASING (N, 24, 8 5/8, KB, 2017, 1500), LINER, TUBING, OPEN HOLE (12 1/4, GL, 2006, SHOTS/FT.), and PERFORATIONS.

PREVIOUS TREATMENT: DATE TYPE MATERIALS

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED Old 750 SK HHC P+ 2% CC 4 1/2 flocculc 100 SK Perm 2% CC

Displ w. H2O

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. 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 for: 1. Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. 2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof. 3. Personal injury or death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material. 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 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.

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

SIGNED [Signature] CUSTOMER DATE 4-9-92

STATE OF KANSAS CONSERVATION COMMISSION MAY 13 1992

ORIGINAL WELL NO. LEASE TICKET NO. CUSTOMER Landmack Oil Exp. PAGE NO. 1 JOB TYPE OID DATE 4-9-92

TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
			T	C	TUBING	CASING	
02:00							Callout
03:20							ON LOC Rig Cir ON Bottom
04:45							Start CSG
07:30							CSG ON Bottom Hook up To Cir
08:15	6				250		Start head CMT 750 ^{sk} HLC P+
	"				"		
08:50	"	275			150		" Tail CMT
08:56	—	18.8			—		Stop - Drop Plug
08:58	6				100		Start Displw H ₂ O
	"				400		
09:30	2	126.5			550		Plug Down Release Back
							Float Holding
							Cir CMT To Surface
							750 ^{sk} HLC P+
							100 ^{sk} Prem

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 STATE CORPORATION COMMISSION
 MAY 15 1992
 CONSERVATION DIVISION
 Wichita, Kansas

Thank you Tim & Crew