

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISIONWELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY

## DESCRIPTION OF WELL AND LEASE

Operator: license # 5474  
name Northern Lights Oil Co.  
address 212 N. Market, Suite 400  
Wichita, Kansas 67202  
City/State/Zip Wichita, Kansas 67202

Operator Contact Person John W. Sutherland, Jr.  
Phone (316) 263-1008

Contractor: license # 6033  
name Murfin Drilling Company

Wellsite Geologist Chuck Immich  
Phone (316) 684-5500

## PURCHASER

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

☒ Oil ☐ Gas ☒ Dry  
☐ SWD ☐ Inj ☐ Temp Abd  
☐ Delayed Comp. ☐ Other (Core, Water Supply etc.)

If OWWO: old well info as follows:

Operator  
Well Name  
Comp. Date Old Total Depth

## WELL HISTORY

Drilling Method: ☒ Mud Rotary ☐ Air Rotary ☐ Cable

8/3/85 8/8/85 8/9/85  
Spud Date Date Reached TD Completion Date

3715  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 8 5/8" 302 feet

Multiple Stage Cementing Collar Used? ☐ Yes ☐ No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated  
from 302 feet depth to surface w/ 180 SX cmt

API NO. 15- 163-22,726-0000

County Rooks

NW/4 SE/4 NE/4 Sec. 4 Twp. 10S Rge. 19 East  
(location)

3630 Ft North from Southeast Corner of Section  
990 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

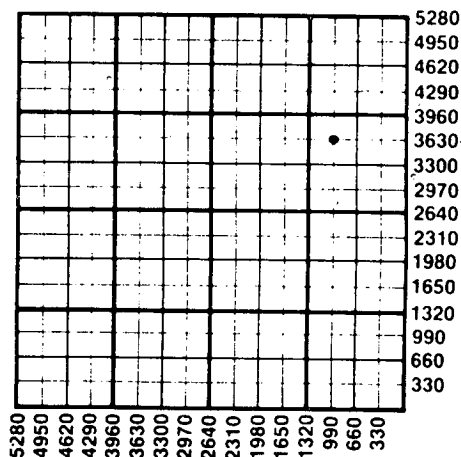
Lease Name Gagnon-Eichman Well# 1

Field Name

Producing Formation

Elevation: Ground 2186 KB 2191

Section Plat



## WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

☐ Groundwater Ft North From Southeast Corner and  
(Well) Ft. West From Southeast Corner of  
Sec Twp Rge ☐ East ☐ West

☐ Surface Water Ft North From Southeast Corner and  
(Stream, Pond etc.) Ft West From Southeast Corner  
Sec Twp Rge ☐ East ☐ West

☐ Other (explain)  
(purchased from city, R.W.D.#)

Disposition of Produced Water: ☐ Disposal  
☐ Repressuring

Docket #

**INSTRUCTIONS:** This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 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 drillers time log shall be attached with this form. 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

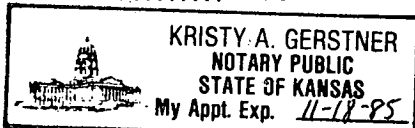
John W. Sutherland, Jr.  
General Partner

Date 8/21/85

Subscribed and sworn to before me this 21 day of August 19 85

Notary Public

Date Commission Expires 11/18/85 Kristy A. Gerstner - Notary Public



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)

RECEIVED

Form ACO-1 (7-84) STATE CORPORATION COMMISSION

8-26-85  
AUG 26 1985

CONSERVATION DIVISION

**WELL LOG**

**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

Samples Sent to Geological Survey

☒ Yes☐ No

Cores Taken

☐ Yes☒ No

Formation Description

☒ Log☐ Sample

DST #1 3357-3406 ft.  
30"-30"-30"-30"  
1st Open: Weak blow, died in 23"  
2nd Open: No Blow. Flushed tool - no help  
Rec. 10 ft. mud  
FP 46-46/46-46#  
SIP 268/151#

DST #2 3706 - 3715 ft.  
45"-45"-45"-45"  
Strong blow both opens  
Rec. 2428 ft muddy salt water  
FP 397-732/974-1111#  
SIP 1134/1134#

Name	Top	Bottom
Anhydrite	1559 (+ 632)	
Topeka	3148 (- 957)	
Heebner	3355 (-1164)	
Toronto	3376 (-1185)	
Lansing	3394 (-1203)	
B/KC	3596 (-1405)	
Conglomerate	3627 (-1436)	
Arbuckle	3703 (-1512)	
LTD	3715 (-1524)	

<b>CASING RECORD</b> <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 3/4"	8 5/8"	23#	302 ft	60-40 poz	180	3% gel, 2% cc
<b>PERFORATION RECORD</b>				<b>Acid, Fracture, Shot, Cement Squeeze Record</b>			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
<b>TUBING RECORD</b> size set at packer at					Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No		
Date of First Production	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	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

Disposition of gas: ☐ vented  
☐ sold  
☐ used on lease

METHOD OF COMPLETION

☐ open hole☐ perforation  
☐ other (specify)

☐ Dually Completed.  
☐ Commingled

PRODUCTION INTERVAL