

14-10-16W

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL 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

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

Contractor: license # 5651
name Mallard Drilling Co., Inc.

Wellsite Geologist Kurt L. Smith
Phone (316) 263-1008

PURCHASER
Designate Type of Completion
 New Well Re-Entry Workover

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

If WO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
4/11/85 4/17/85 4/18/85
Sp. Date Date Reached TD Completion Date

3483
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 8 5/8" 219.70 feet

Multiple Stage Cementing Collar Used? Yes No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated
from 219.70 feet depth to surface w/ 125 SX cmt
2% cc, 3% ge

API NO. 15-163-22,663

County Rooks

SE SE NW Sec 14 Twp 10 Rge 16 W

3140 Ft North from Southeast Corner of Section
3140 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

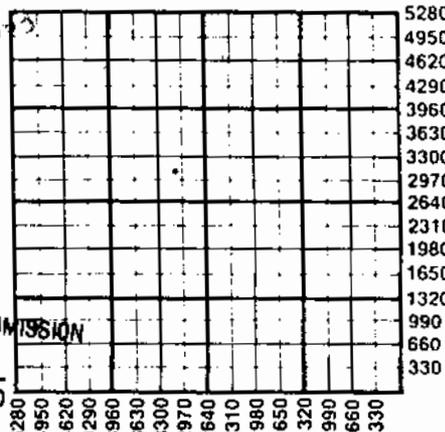
Lease Name Rogers Well# 1

Field Name

Producing Formation

Elevation: Ground 1943 KB 1951

Section Plat



RECEIVED
STATE CORPORATION COMMISSION

MAY 14 1985

CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit #
 Groundwater Ft North From Southeast Corner of (Well) Ft. West From Southeast Corner
Sec Twp Rge East West
 Surface Water Ft North From Southeast Corner of (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.

SIDE TWO

71345

Operator Name Northern Lights Oil Co. Lease Name Rogers Well# 1 SEC 14 TWP 10S RGE 16W East West

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem test 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 3441 - 3460'
 30-30-15-15
 Misrun

DST #2 3432 - 3468'
 30 - 30 - 30 - 30
 1st Open: Weak blow died 20 min.
 2nd Open: No blow. Flush tool, no help
 Rec: 15' of OSM
 SIP: 745/811#
 FP 47-47/76-76#

Name	Top	Bottom
Anhydrite	1122	(+ 826)
Topeka	2831	(- 880)
Heebner	3065	(-1114)
Toronto	3087	(-1136)
Lansing	3110	(-1159)
Base Kansas City	3361	(-1410)
Conglomerate	3453	(-1502)
TD	3483	(-15)

Formed by
 Northern Lights Oil Co.
 7/15/76
 10S 16W
 14 SEC 1

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"	23#	219/70	Class A	125	2% cc, 3% gel
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth

DRILLERS' LOG

14-10-16W

COMPANY: Northern Lights

WELL NAME: #1 Rogers

CONTRACTOR: MALLARD DRILLING CO., INC.
405 CENTURY PLAZA BLDG.
WICHITA, KANSAS 67202

DESCRIPTION:
SE SE NW 14-10S-16W

RIG NO.: 1

COUNTY: Rooks

TOTAL DEPTH: 3483'

ELEVATION:

COMMENCED: April 11, 1985

COMPLETED: April 18, 1985

CASING RECORD:

5 jts. new 8 5/8" x 23# surface casing

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Shales, sand	0	1122	Ran 5 jts. new 8 5/8" x 23# surface casing set @ 219'. Cement w/ 125 sx. Class A 2% gel, 2% cc, Plug down @ 3:15 a.m. 4/12/85 CDC-Buie Co.
Anhydrite	1122	1157	
Shale	1157	2970	
Lime and shale	2970	3447	
Conglomerate sand	3447	3483	
			Ran 2 Drill Stem Tests
			Plugged hole w/ 170 sx. 50/50 pozmix, 4% gel, 3% cc, 1 sx. celloflake, as follows: 1st plug @ 1130' w/ 20 sx. 2nd plug @ 595' w/ 80 sx. + 1 sx. celloflake. 3rd plug @ 270' w/ 40 sx. 4th plug @ 40' w/ 10 sx. solid bridge, 1 sx. hulls and rubber plug. 10 sx. ea. mousehole and rathole. Plug down @ 7:30 a.m. 4/18/85.

Handwritten notes:
4/18/85
Sandy
BRANCH

RECEIVED
STATE CORPORATION COMMISSION

MAY 14 1985

CONSERVATION DIVISION
Wichita, Kansas

STATE OF KANSAS)
) SS:
COUNTY OF SEDGWICK)

I, JOHN JAY DARRAH, JR. of MALLARD DRILLING CO., INC, certify that this a true and correct copy of the log of the #1 Rogers well to the best of my knowledge.

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