

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

Purchaser.....

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

Contractor: License # 4958
Name Mallard JV, Inc.

Wellsite Geologist James C. Hess
Phone (316) 263-2243

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
6/7/87 6/11/87 6/11/87
Spud Date Date Reached TD Completion Date
3800
Total Depth PBDT
 244ft 254ft
Amount of Surface Pipe Set and Cemented at.....feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated
from 3800 feet depth to surface w/ 150 sx cmt
Cement Company Name Allied Cementing Co.
Invoice # 48910

API No. 15-065-22,384-0000
County Graham
SE/4 NE/4 NW/4 Sec. 3 Twp. 10S Rge. 22 East West

4290 Ft North from Southeast Corner of Section
2970 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

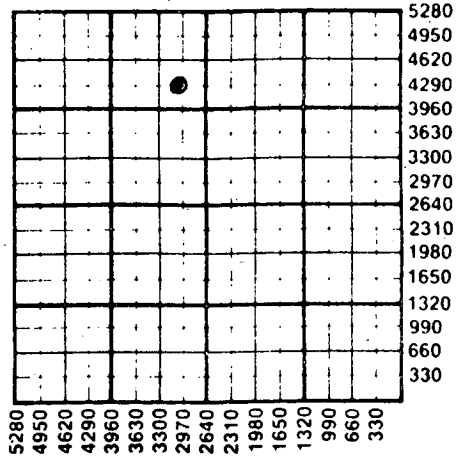
Lease Name Hindman Well # 1

Field Name.....

Producing Formation.....

Elevation: Ground 2306 KB 2314

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #.....

Groundwater.....Ft North from Southeast Corner
(Well)Ft West from Southeast Corner of
Sec Twp Rge East West

Surface Water.....Ft North from Southeast Corner
(Stream, pond etc).....Ft West from Southeast Corner
Sec Twp Rge East West

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

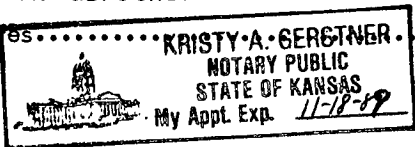
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential 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.
Title General Partner Date 6/29/87

Subscribed and sworn to before me this 1st day of July 1987.
Notary Public Kristy A. Gerstner

Date Commission Expires.....



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
STATE CORPORATION COMMISSION
JUL 2 1987
Form ACO-1 (5-86)
7-2-87
CONSERVATION DIVISION
Wichita, Kansas

Sec. 3 Twp 10S Rge 22W

SIDE TWO

Operator Name Northern Lights Oil Co. Lease Name..... Hindman Well #..... 1

Sec..... 3 Twp..... 10S Rge..... 22 East West County..... Graham

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 3686 - 3800 ft
 114' Anchore
 60 - 60 - 20 - 60
 1st open: Weak blow died in 54 min.
 2nd open: No blow. (flushed tool)
 Rec. 15 ft of mud
 IH 1937# FH 1897#
 FP 91-72/101-91#
 SIP 646/606#

Name	Top	Bottom
Anhydrite	1821	(+493)
B/Anhydrite	1860	(+454)
Topeka	3298	(-984)
Heebner	3524	(-1210)
Toronto	3548	(-1234)
Lansing	3562	(-1248)
B/Kansas City	3796	(-1482)
RTD	3800	(-1486)

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	20#	254.4	60/40 poz	150	2% gel, 3% cc

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	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 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	

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled