

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
City/State/Zip Wichita, Kansas 67202

Purchaser

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

Contractor: License # 4958
Name Mallard J.V. Inc

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

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

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

6/27/87 7/3/87 7/3/87
Spud Date Date Reached TD Completion Date
3900
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 8 jts 336.50 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set
If alternate 2 completion, cement circulated from feet depth to w/ SX cmt
Cement Company Name Allied Cementing Co
Invoice # 772

API NO. 15-179-20,895-00-00
County Sheridan
SW SW NE Sec. 1 Twp. 7S Rge. 26W West

2970 Ft North from Southeast Corner of Section
2310 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

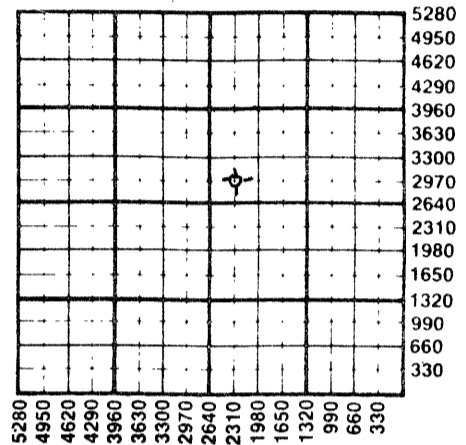
Lease Name Scott Well # 1

Field Name Huntington N.W.

Producing Formation

Elevation: Ground 2571 KB 2579

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 private Irr. well owned by Howard Heskett (purchased from city, R.W.B. #)

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
Title General Partner Date 8/17/87

Subscribed and sworn to before me this 17th day of August 1987.
Notary Public Dorene K. Dunn
Date Commission Expires 10/13/89



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)

Form ACO-1 (5-86)

AUG 18 1987

5-18-87

Sec. 1, Twp. 7, Rge. 26W

SIDE TWO

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

Sec. 1 Twp. 7S Rge. 26W East West County Sheridan

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 3614 - 3707'
 40 - 40 - 40 - 40
 Rec: 360' mud with few spots of oil
 SIP 1184 - 1152#
 FP 148-158/180-222#

Name	Top	Bottom
Anhydrite	2184	(+395)
Topeka	3502	(-923)
Heebner	3659	(-1180)
Lansing	3696	(-1117)
TD	3900	

DST #2 3833 - 3858'
 30 - 30 - 20 - 30
 1st Weak - Died 20"
 2nd No blow, flush
 Rec: 20 mud
 SIP 74 - 63#
 FP 74 - 52/52-63

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#	336.50	60/40	175	3% cc; 2% 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	
.....	N/A			N/A		
.....	
.....	
.....	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
.....	Size	Set At	Packer at	N/A			
.....	N/A			
Date of First Production		Producing Method					
N/A		N/A <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	
.....		N/A	N/A	N/A	
.....		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

15-179-20895-00-00

DRILLERS' LOG

COMPANY: NORTHERN LIGHTS OIL COWELL: SCOTT #1
 CONTRACTOR: MALLARD DRILLING API#: 15-179-20,895
 P. O. Box 1009 McPherson KS 67460 LOCATION: SW SW NE
 COMMENCED: June 27, 1987 Sec. 1, Twp. 7S, Rge. 26W
 COMPLETED: July 3, 1987 COUNTY: SHERIDAN
 TOTAL DEPTH: 3900' ELEVATION: 2571' G. L.
2579' K. B.

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	
Soil, Shale	0'	346'	
Shale, Sand	346'	2185'	
Anhydrite	2185'	2218'	
Shale, Lime	2218'	3900'	R.T.D. Lansing

REMARKS

Cut 12 1/4" hole to 346' and ran 8 joints 8 5/8" X 20# X 346.20' surface casing. Set at 336.50' and cemented with 175 sacks 60/40 poz mix, 3%cc, 2%gel. Cement did circulate. P.D. @ 10:30 p.m. 6/27/87.

Ran 2 DST's.

Plugged hole with 210 sacks 60/40 poz mix, 6%gel, 3%cc, as follows:

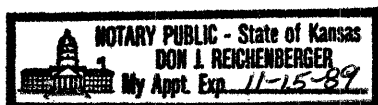
- 25 sacks @ 2175'
- 100 sacks @ 1425' with 1 sack Flowseal
- 50 sacks @ 390'
- 10 sacks @ 40' with 1/2 sack hulls
- 10 sacks mousehole
- 15 sacks rathole
- P.D. @ 8:30 p.m. 7/3/87.

STATE OF KANSAS)
) SS:
 COUNTY OF McPHERSON)

I, BRYAN HESS of MALLARD DRILLING, do hereby certify that this is a true and correct copy of the log of the Scott #1 well as reflected by the files of Mallard Drilling.

Bryan Hess
 Bryan Hess, Gen. Mgr.

Subscribed and sworn to before me this 20th day of July, 1987.



Don J. Reichenberger
 Notary Public

RECEIVED
 STATE CORPORATION COMMISSION
 AUG 18 1987
 8-18-87
 CONSERVATION DIVISION
 Wichita, Kansas

13-179-20895-00-00

Phone 913-483-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC. N^o 772

Home Office P. O. Box 31

Russell, Kansas 67665

Date	6-27-87	Sec.	1	Twp.	7	Range	26	Called Out	4:30 PM	On Location	7:30 PM	Job Start	10:00 PM	Finish	10:30 PM	
Lease	SCOTT	Well No.	# 1	Location		STUDLEY 4E T2N 26W		County	SHERIDAN	State		KANSAS				
Contractor	Mallard Joint Venture Inc. Rig 1					Owner					SAME					
Type Job	Surface					To Allied Cementing Co., Inc.					You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.					
Hole Size	12 1/2"		T.D.		346'		Charge To					NORTHERN LIGHTS oil co				
Csg.	3 3/4"		Depth		336.50'		Street									
Tbg. Size			Depth				City					State				
Drill Pipe			Depth				The above was done to satisfaction and supervision of owner agent or contractor.									
Tool			Depth				Purchase Order No.									
Cement Left in Csg.	15'		Shoe Joint				X									
Press Max.			Minimum				CEMENT									
Meas Line			Displace		✓		Amount Ordered					175 SKS 60/40 POZ 3% CC 2 3/4 gal				
Perf.							Consisting of									

EQUIPMENT

#191 No	Cementer	M KAUFMAN
Pumptrk	Helper	JIM S.
No	Cementer	
Pumptrk	Helper	
#60	Driver	RANDY P.
Bulktrk	Driver	

DEPTH of Job

Reference #	PUMP TRK	
	1-8 3/4" Plug	
		Sub Total
		Tax
		Total

Remarks:

Cement Circulated

Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	
Handling	AUG 18 1987 SALES TAX DIVISION Wichita, Kansas
Mileage	
Sub Total	
Total	
Floating Equipment	

[Handwritten Signature]