

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 5474
Name: Northern Lights Oil Co., LC
Address: P.O. Box 164
City/State/Zip: Andover, KS 67002
Purchaser: NCRA
Operator Contact Person: Kurt Smith
Phone: (316) 733-1515
Contractor: Name: G & L Well Service
License: 8253
Wellsite Geologist: ---

Designate Type of Completion:
☐ New Well ☐ Re-Entry ☒ Workover
☐ Oil ☐ SWD ☐ SLOW ☐ Temp. Abd.
☒ Gas ☐ ENHR ☐ SIGW
☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:

Operator: Murfin Drilling
Well Name: English Reid #1
Original Comp. Date: 3-12-74 Original Total Depth: 4354
☐ Deepening ☒ Re-perf. ☐ Conv. to Enhr./SWD
☐ Plug Back ☐ Plug Back Total Depth
☐ Commingled ☐ Docket No. ---
☐ Dual Completion ☐ Docket No. ---
☐ Other (SWD or Enhr.?) ☐ Docket No. ---

Spud Date or 9-11-03
Recompletion Date --- Date Reached TD --- Completion Date or ---
Recompletion Date ---

API No. 15 - 185-20497-0001
County: Stafford
--- nw - ne - sw Sec. 13 Twp. 24 S. R. 15 ☐ East ☒ West
2310 feet from (S) / N (circle one) Line of Section
1890 feet from E / (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: English Reid Well #: 1
Field Name: Macksville East Ext.
Producing Formation: LKC
Elevation: Ground: 2008 Kelly Bushing: 2013
Total Depth: 4354 Plug Back Total Depth: 4140
Amount of Surface Pipe Set and Cemented at 288 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

(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. R. --- East West

County: --- Docket No.: ---

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 of 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.

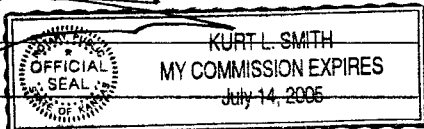
Signature: [Signature]

Title: MANAGING PARTNER Date: 10-7-03

Subscribed and sworn to before me this 7th day of OCTOBER, 2003.

Notary Public: [Signature]

Date Commission Expires: ---



KCC Office Use ONLY

☐ Letter of Confidentiality Attached

If Denied, Yes ☐ Date: ---

☐ Wireline Log Received

☐ Geologist Report Received

☐ UIC Distribution

Name: Northern Lights Oil Co., LC

Lease Name: English Reid

Well #: 1

Twp. 24 S. R. 15

East ☒ West

County: Stafford

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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)

List All E. Logs Run:

Log Formation (Top), Depth and Datum Sample

Name Top Datum

RECEIVED
OCT 09 2003
KCC WICHITA

CASING RECORD							
				New	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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
____ Perforate				
____ Protect Casing				
____ Plug Back TD				
____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
3	3872-3874	1500 gal 15% NE	3872-86
3	3882-3886		
TUBING RECORD		Liner Run	
Size	Set At	Packer At	Yes No
2 3/8	4143	4143	
Date of First, Resumed Production, SWD or Enhr.		Producing Method	
9-18-03		☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls. Gas-Oil Ratio Gravity
		150	---

Disposition of Gas METHOD OF COMPLETION Production Interval

☐ Vented ☐ Sold ☒ Used on Lease ☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled

(If vented, Sumit ACO-18.) ☐ Other (Specify)