

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

ORIGINAL

Operator: License # 5474  
Name: NORTHERN LIGHTS OIL CO., LC  
Address: P.O. BOX 164  
City/State/Zip: ANDOVER, KS 67002  
Purchaser: ----  
Operator Contact Person: Kurt Smith  
Phone: (316) 7331515  
Contractor: Name: Mallard JV  
License: 4958  
Wellsite Geologist: Bill Stout

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: \_\_\_\_\_  
Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 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. \_\_\_\_\_

<u>6-12-2004</u>	<u>6-18-2004</u>	<u>6-18-2004</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 135-24282-00-00  
County: Ness  
-n/2- sw- se Sec. 2 Twp. 18 S. R. 24  East  West  
740 feet from (S) / N (circle one) Line of Section  
2090 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE (SE) NW SW  
Lease Name: Haas Well #: 1  
Field Name: WC  
Producing Formation: ---

Elevation: Ground: 2373 Kelly Bushing: 2378  
Total Depth: 4445 Plug Back Total Depth: ---  
Amount of Surface Pipe Set and Cemented at 356 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** P+A KGR 2-7-08  
(Data must be collected from the Reserve Pit)  
Chloride content 4000 ppm Fluid volume 2000 bbls  
Dewatering method used Evaporate and Backfill  
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: 6-28-04  
Subscribed and sworn to before me this 28<sup>th</sup> day of JUNE, 2004.  
Notary Public: [Signature]  
Date Commission Expires: 7-14-05

**KCC Office Use ONLY**

Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution



**ORIGINAL**

Operator Name: NORTHERN LIGHTS OIL CO., LC Lease Name: Haas Well #: 1  
 Sec. 2 Twp. 18 S. R. 24 East  West County: Ness

**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 <input checked="" type="checkbox"/> Yes No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes No  Cores Taken Yes <input checked="" type="checkbox"/> No Electric Log Run Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:  none	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Log Name</th> <th style="text-align: left;">Formation (Top), Depth and Datum</th> <th style="text-align: left;">Sample Datum</th> </tr> <tr> <td>Anhydrite</td> <td>1674</td> <td>+704</td> </tr> <tr> <td>LKC</td> <td>3808</td> <td>-1430</td> </tr> <tr> <td>FT Scott</td> <td>4300</td> <td>-1922</td> </tr> <tr> <td>Mississippian</td> <td>4407</td> <td>-2029</td> </tr> </table>	Log Name	Formation (Top), Depth and Datum	Sample Datum	Anhydrite	1674	+704	LKC	3808	-1430	FT Scott	4300	-1922	Mississippian	4407	-2029
Log Name	Formation (Top), Depth and Datum	Sample Datum														
Anhydrite	1674	+704														
LKC	3808	-1430														
FT Scott	4300	-1922														
Mississippian	4407	-2029														

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
Surface	12 1/4	8 5/8	23#	356	60/40 poz	225	3%gel 2%cc

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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
	<b>RECEIVED</b>  <b>JUL 08 2004</b>  <b>KCC WICHITA</b>		

TUBING RECORD		Size	Set At	Packer At	Liner Run	Yes	No
Date of First, Resumed Production, SWD or Enhr.		Producing Method					
Estimated Production Per 24 Hours		Oil	Bbls.	Gas	Mcf	Water	Bbls.
						Gas-Oil Ratio	Gravity

Disposition of Gas  Vented  Sold  Used on Lease *(If vented, Sumit ACO-18.)*

**METHOD OF COMPLETION**

Open Hole     Perf.     Dually Comp.     Commingled  
 Other (Specify) \_\_\_\_\_

**Production Interval**

# ALLIED CEMENTING CO., INC. 17947

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

1st Bend

6-12-04

6-13-04

DATE <u>6-13-04</u>	SEC <u>2</u>	TWP <u>18</u>	RANGE <u>24</u>	CALLED OUT <u>10:00 PM</u>	ON LOCATION <u>10:30 PM</u>	JOB START <u>8:30 AM</u>	JOB FINISH <u>9:00 AM</u>
LEASE <u>Hoas</u>		WELL # <u>1-</u>		LOCATION <u>New City 4W, 2 1/2 W, N/S</u>		COUNTY <u>New</u>	STATE <u>Ka</u>
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Malden  
 TYPE OF JOB Surface  
 HOLE SIZE 12 1/4" T.D. \_\_\_\_\_  
 CASING SIZE 8 5/8" DEPTH 356'  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. 15'  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 2 1/4 bbls

OWNER Some  
 CEMENT  
 AMOUNT ORDERED 225 lbs Common  
37 cc, 2% gel

**EQUIPMENT**

PUMP TRUCK CEMENTER Tam D  
 # 181 HELPER 1  
 BULK TRUCK  
 # 342 DRIVER Don Dugan  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

COMMON	<u>225 lb</u>	@	<u>7.65</u>	<u>172.25</u>
POZMIX		@		
GEL	<u>4 gal</u>	@	<u>11.00</u>	<u>44.00</u>
CHLORIDE	<u>7 gal</u>	@	<u>30.00</u>	<u>210.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>236 lb</u>	@	<u>1.25</u>	<u>295.00</u>
MILEAGE	<u>236 miles</u>		<u>7 mil.</u>	<u>125.00</u>
<b>TOTAL</b>				<b><u>2395.25</u></b>

**REMARKS:**

Ran 356' of 8 5/8" pipe. Probe circulation mixed 225 lbs Common 37 cc 2% gel. Released plug. Displaced with fresh H<sub>2</sub>O.

**SERVICE**

DEPTH OF JOB	<u>356'</u>			
PUMP TRUCK CHARGE				<u>570.00</u>
EXTRA FOOTAGE	<u>56</u>	@	<u>.50</u>	<u>28.00</u>
MILEAGE	<u>7</u>	@	<u>4.00</u>	<u>28.00</u>
		@		
		@		

CHARGE TO: Northern lights  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

RECEIVED

JUL 08 2004

TOTAL 576.00

KCC WICHITA PLUG & FLOAT EQUIPMENT

MANIFOLD		@		
<u>1-8 5/8 wooden</u>		@	<u>45.00</u>	<u>45.00</u>
		@		
		@		

TOTAL 45.00

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX \_\_\_\_\_  
 TOTAL CHARGE \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE X [Signature]

X LAVON URBAN  
 PRINTED NAME

# ALLIED CEMENTING CO., INC.

17949

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

6-18-04 | New City  
6-19-04

DATE <u>6-18-04</u>	SEC. <u>2</u>	TWP. <u>18</u>	RANGE <u>24</u>	CALLED OUT <u>5:30 PM</u>	ON LOCATION <u>9:00 PM</u>	JOB START <u>10:00 PM</u>	JOB FINISH <u>12:30 AM</u>
LEASE <u>Hags</u>	WELL # <u>1</u>	LOCATION <u>New City 4W, 2 1/2 W, N/5</u>			COUNTY <u>New</u>	STATE <u>Ka</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Mallard  
 TYPE OF JOB Rotary Plug  
 HOLE SIZE 7 7/8" TD. 4445'  
 CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE 4 1/2" DEPTH 1720'  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_

OWNER Same  
 CEMENT AMOUNT ORDERED 190 lbs 6 3/4 6 90 lbs  
1/4" Flowed/wh

EQUIPMENT

PUMP TRUCK CEMENTER Tom A  
 # 224 HELPER Tom W  
 BULK TRUCK  
 # 311 DRIVER Don Auger  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

COMMON	<u>114 Net</u>	@	<u>7.65</u>	<u>872.10</u>
POZMIX	<u>76 Net</u>	@	<u>4.00</u>	<u>304.00</u>
GEL	<u>10 Net</u>	@	<u>11.00</u>	<u>110.00</u>
CHLORIDE		@		
ASC		@		
<u>FLO SEAL</u>	<u>43 #</u>	@	<u>1.40</u>	<u>67.20</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>202 Net</u>	@	<u>1.25</u>	<u>252.50</u>
MILEAGE	<u>202 Miles</u>	<u>Min</u>		<u>125.00</u>
TOTAL				<u>1730.80</u>

REMARKS:

Mixed - 50 lbs @ 1720'  
50 lbs @ 850'  
50 lbs @ 400'  
15 lbs @ 40'  
15 lbs @ Rathole  
10 lbs @ Mousehole

SERVICE

DEPTH OF JOB	<u>1720'</u>			
PUMP TRUCK CHARGE				<u>520.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>7</u>	@	<u>4.00</u>	<u>28.00</u>
		@		
		@		
		@		

CHARGE TO: Northern Light  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

RECEIVED

JUL 08 2004

TOTAL 548.00

KCC WICHITA PLUG & FLOAT EQUIPMENT

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

MANIFOLD		@		
<u>1-8 3/8 Hydraulic</u>		@	<u>23.00</u>	<u>23.00</u>
		@		
		@		
TOTAL				<u>23.00</u>

TAX \_\_\_\_\_  
 TOTAL CHARGE \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE X Kirk Urban

X Kirk Urban  
 PRINTED NAME