

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 # 30717  
Name: DOWNING-NELSON OIL COMPANY, INC  
Address: PO BOX 372  
City/State/Zip: HAYS, KS 67601  
Purchaser: \_\_\_\_\_  
Operator Contact Person: RON NELSON  
Phone: (785) 621-2610  
Contractor: Name: DISCOVERY DRILLING CO., INC.  
License: 31548  
Wellsite Geologist: RON NELSON

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>04/02/06</u>	<u>04/07/06</u>	<u>04/08/06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 195-22,341-00-00  
County: TREGO  
NE SE SW NW Sec. 31 Twp. 13 S. R. 21  East  West  
2000 feet from S / N (circle one) Line of Section  
330 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: LEONARD Well #: 1-31  
Field Name: WILDCAT

Producing Formation: NONE  
Elevation: Ground: 2313 Kelly Bushing: 2321  
Total Depth: 4172 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 222.77 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) *Actual with 1-24-08*  
Chloride content 16,000 ppm Fluid volume 300 bbls  
Dewatering method used EVAPORATION

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: VP Date: 4-18-06  
Subscribed and sworn to before me this 18 day of April, 2006.  
Notary Public: [Signature]  
Date Commission Expires: 7/28/09

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

**MICHELE L. MEIER**  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 7/28/09

**RECEIVED**  
**APR 21 2006**  
**KCC WICHITA**

Operator Name: DOWNING-NELSON OIL COMPANY, INC Lease Name: LEONARD Well #: 1-31  
 Sec. 31 Twp. 13 S. R. 21  East  West County: TREGO

**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 <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:  <b>SONIC</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>TOP ANHYDRITE</td> <td>1714</td> <td>+607</td> </tr> <tr> <td>BASE ANHYDRITE</td> <td>1762</td> <td>+559</td> </tr> <tr> <td>TOPEKA</td> <td>3406</td> <td>-1085</td> </tr> <tr> <td>HEEBNER</td> <td>3643</td> <td>-1322</td> </tr> <tr> <td>TORONTO</td> <td>3662</td> <td>-1341</td> </tr> <tr> <td>LKC</td> <td>3678</td> <td>-1357</td> </tr> <tr> <td>BKC</td> <td>3920</td> <td>-1599</td> </tr> <tr> <td>MARMATON</td> <td>4016</td> <td>-1695</td> </tr> </table>	Name	Top	Datum	TOP ANHYDRITE	1714	+607	BASE ANHYDRITE	1762	+559	TOPEKA	3406	-1085	HEEBNER	3643	-1322	TORONTO	3662	-1341	LKC	3678	-1357	BKC	3920	-1599	MARMATON	4016	-1695
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CASING RECORD <input checked="" 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	222.77	COMMON	150	2% Gel & 3% 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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas  Vented  Sold  Used on Lease *(If vented, Submit ACO-18.)*

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

Production Interval \_\_\_\_\_

# ALLIED CEMENTING CO., INC. 25490

P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell

DATE <u>4/2/06</u>	SEC <u>31</u>	TWP. <u>135</u>	RANGE <u>21W</u>	CALLED OUT	ON LOCATION <u>5:30 p.m.</u>	JOB START <u>6:22 p.m.</u>	JOB FINISH <u>6:45 p.m.</u>
LEASE <u>Leonard</u>		WELL # <u>1-31</u>		LOCATION <u>Riga # I-70 6 3/4 S</u>		COUNTY <u>Trego</u>	STATE <u>Ks.</u>
OLD OR NEW (Circle one) <u>NEW</u>				<u>2W 1/2 N Winto</u>			

CONTRACTOR Discovery Drilling Rig # 3 OWNER \_\_\_\_\_

TYPE OF JOB Surface Job

HOLE SIZE 13/4 T.D. 224

CASING SIZE 8 5/8 DEPTH 222.77

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. 15'

PERFS. \_\_\_\_\_

DISPLACEMENT 13 1/4 bbl

**EQUIPMENT**

PUMP TRUCK CEMENTER Shane

# 409 HELPER Craig

BULK TRUCK

# 217 DRIVER Jody

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

**REMARKS:**

Cement Circ!

CHARGE TO: Downing Nelson

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

CEMENT

AMOUNT ORDERED 150 Com 3% CC

29.6-01

COMMON	<u>150</u>	@	<u>960</u>	<u>1440.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>15.00</u>	<u>45.00</u>
CHLORIDE	<u>5</u>	@	<u>42.00</u>	<u>210.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>158</u>	@	<u>170</u>	<u>268.60</u>
MILEAGE				<u>553.00</u>
TOTAL				<u>2516.60</u>

**SERVICE**

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE \_\_\_\_\_ 735.00

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE 50 @ 5.00 250.00

MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

**RECEIVED**

**APR 21 2006**

TOTAL 985.00

**KCC WICHITA  
PLUG & FLOAT EQUIPMENT**

<u>8 5/8 Wood Plug</u>	@		
	@		
	@		
	@		

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment

# ALLIED CEMENTING CO., INC. 23932

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

SERVICE POINT:  
Oakley

DATE <u>4-8-06</u>	SEC <u>13</u>	TWP <u>13s</u>	RANGE <u>21w</u>	CALLED OUT	ON LOCATION <u>100 AM</u>	JOB START <u>3:45 AM</u>	JOB FINISH <u>6:30 AM</u>
LEASE <u>Leonard</u>	WELL# <u>1-31</u>		LOCATION <u>Ogallah 7 3/4 S 3 E 1/4 N</u>		COUNTY <u>Trego</u>	STATE <u>Ks</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Discovery Drlg Rig 3

TYPE OF JOB PTA

HOLE SIZE 7 7/8 T.D. 4172'

CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH 1730'

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT \_\_\_\_\_

OWNER Same

CEMENT

AMOUNT ORDERED 200 sks 60/40 p02 60 Gal 1/4" Flo seal

COMMON \_\_\_\_\_ @ \_\_\_\_\_

POZMIX \_\_\_\_\_ @ \_\_\_\_\_

GEL \_\_\_\_\_ @ \_\_\_\_\_

CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_

ASC \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

HANDLING \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE \_\_\_\_\_ @ \_\_\_\_\_

**EQUIPMENT**

PUMP TRUCK CEMENTER Dean

# 373-281 HELPER Fuzzy

BULK TRUCK

# 394 DRIVER Alan

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

**REMARKS:**

1st Plug 1730 w/ 25 sks

2nd Plug 950 w/ 100 sks

3rd Plug 275 w/ 40 sks

4th Plug 40' w/ 10 sks

15 sks in Rat Hole

10 sks in Mouse Hole

Thank you

TOTAL \_\_\_\_\_

**SERVICE**

DEPTH OF JOB 1730'

PUMP TRUCK CHARGE \_\_\_\_\_

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE \_\_\_\_\_ @ \_\_\_\_\_

MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

**RECEIVED**

**APR 21 2006**

**KCC WICHITA**

**PLUG & FLOAT EQUIPMENT**

CHARGE TO: Downing-Nelson Oil Co Inc

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment.

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_