

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 # 30717  
Name: DOWNING NELSON OIL CO., INC.  
Address: P.O. Box 372  
City/State/Zip: Hays, KS 67601  
Purchaser: Coop Refining  
Operator Contact Person: Ronald Nelson  
Phone: (785) 628-3449  
Contractor: Name: Discovery Drilling Co., Inc.  
License: 31548  
Wellsite Geologist: Ronald 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. \_\_\_\_\_

12/1/01	12/9/01	12/10/01
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 193-20,681-0000  
County: Thomas  
180' S NW NW SW Sec. 14 Twp. 10 S. R. 31W  East  West  
2130 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: R.J. Shea Well #: 1-14  
Field Name: Wildcat  
Producing Formation: LKC  
Elevation: Ground: 2979 Kelly Bushing: 2987  
Total Depth: 4660 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 212.01 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 2512 Feet  
If Alternate II completion, cement circulated from 2512  
feet depth to surface w/ 260 sx cmt.

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit)  
Chloride content 1,000 ppm Fluid volume 320 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-11 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: Ron Nelson  
Title: President Date: 3-29-02  
Subscribed and sworn to before me this 30 day of March  
19 2002  
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

Operator Name: DOWNING NELSON OIL CO., INC. Lease Name: R.J. Shea Well #: 1-14  
 Sec. 14 Twp. 10 S. R. 31W  East  West County: Thomas

**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: <u>Electra Log Inc.</u> <u>Comp. Dens.--Neut.--Dual Ind.</u> <u>Sonic-Bond Log</u>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr><td>Anhydrite</td><td>2551</td><td>+436</td></tr> <tr><td>Topeka</td><td>3772</td><td>-785</td></tr> <tr><td>Heebner</td><td>3990</td><td>-1003</td></tr> <tr><td>LKC</td><td>4032</td><td>-1045</td></tr> <tr><td>BKC</td><td>4331</td><td>-1344</td></tr> <tr><td>Pawnee</td><td>4422</td><td>-1435</td></tr> <tr><td>Ft. Scott</td><td>4493</td><td>-1506</td></tr> <tr><td>Cherokee Shale</td><td>4522</td><td>-1535</td></tr> <tr><td>Mississippi</td><td>4612</td><td>-1625</td></tr> </tbody> </table>	Name	Top	Datum	Anhydrite	2551	+436	Topeka	3772	-785	Heebner	3990	-1003	LKC	4032	-1045	BKC	4331	-1344	Pawnee	4422	-1435	Ft. Scott	4493	-1506	Cherokee Shale	4522	-1535	Mississippi	4612	-1625
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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 Pipe	12 1/4	8 5/8	20	212.01	Common	150	2%Gel&3%CC
Production St.	7 7/8	4 1/2	10.5	4646.54	SMDC	150	
			Port Collar @ 2512'		SMDC	260	1/4# FC

ADDITIONAL CEMENTING / SQUEEZE RECORD <span style="float: right;">per sack</span>				
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
4	4290-4294	250g15% <u>m.a.</u> & 3000g20%NE	4290-94
4	4421-4425	250g15% <u>m.a.</u> & 3000g15%NE	4421-25
4	4564-4574	500g15% <u>m.a.</u> & 3000g15%NE	4564-74

TUBING RECORD	Size <u>2 3/8</u>	Set At <u>4586</u>	Packer At <u>none</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. <u>1-3-02</u>	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil <u>35</u> Bbls.	Gas <u>0</u> Mcf	Water <u>13</u> Bbls.	Gas-Oil Ratio	Gravity <u>38</u>
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Disposition of Gas <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease <i>(If vented, Sumit ACO-18.)</i>	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	Production Interval
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