

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 30717
Name: DOWNING-NELSON OIL CO., INC.
Address: P.O. Box 372
Hays, KS 67601
City/State/Zip:
Purchaser:
Operator Contact Person: Ron Nelson
Phone: (785) 628-3449
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.
11/22/02 11/28/02 11/29/02
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 051-25,173-00-00
County: Ellis
80° S & 70° E of NW Sec. 19 Twp. 13 S. R. 20W ☐ East ☒ West
1400 feet from ☒ N ☐ (circle one) Line of Section
1390 feet from ☒ W ☐ (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE ☒ NW SW
Lease Name: L. Lang Well #: 1-19
Field Name: Herbert North
Producing Formation: Arbuckle
Elevation: Ground: 2274 Kelly Bushing: 2282
Total Depth: 3946 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at 221.57 Feet
Multiple Stage Cementing Collar Used? ☒ Yes ☐ No
If yes, show depth set 1620 Feet
If Alternate II completion, cement circulated from 1620
feet depth to Surface w/ 180 sx cmt.
(Circulated 20sks to Pit)
Drilling Fluid Management Plan Alc 11 EOL 3-26-03
(Data must be collected from the Reserve Pit)
Chloride content 19,000 ppm Fluid volume 240 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: Ron Nelson
Title: President Date: 3-21-03
Subscribed and sworn to before me this 21st day of March
2003
Notary Public: [Signature]
Date Commission Expires: 1-10-05

KCC Office Use ONLY

NO Letter of Confidentiality Attached
If Denied, Yes ☐ Date:
YES Wireline Log Received
YES Geologist Report Received
UIC Distribution

Operator Name: DOWNING-NELSON OL. CO., INC. Lease Name: L. Lang Well #: 1-19
 Sec. 19 Twp. 13 S. R. 20W ☐ East ☒ West County: Ellis

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: ELI Wireline-Dual Ind.-
Comp. Dens. Neut.-Sonic

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Top Anhydrite	1613	+669 Sp1
Base Anhydrite	1658	+624 Sp1
Topeka	3313	-1031
Heebner	3541	-1259
Toronto	3561	-1279
LKC	3580	-1298
BKC	3828	-1546
Marmaton	3876	-1594
Arbuckle	3938	-1656

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 Pipe	12 1/4	8 5/8	23	221.57	Common	150	2%Gel&3%CC
Production St.	7 7/8	5 1/2	14	3939	EA/2	150	
			DV Tool @	1620	SMDC	180	

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
0	open hole 3942-45	none	same

TUBING RECORD		Size	Set At	Packer At	Liner Run	
		2 3/8	3940	none	☐ Yes ☒ No	
Date of First, Resumed Production, SWD or Enhr.			Producing Method			
1-1-03			☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
	82	0	0		42	
Disposition of Gas	METHOD OF COMPLETION			Production Interval		

☐ Vented ☐ Solid ☐ Used on Lease ☐ none ☒ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled
 (If vented, Sumit ACO-18.) ☐ Other (Specify)