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

COPY

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

RECEIVED
SEP 10 2003
KCC WICHITA

Designate Type of Completion:
X New Well ___ Re-Entry ___ Workover
X Oil ___ SWD ___ SIOW ___ 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.

11/30/02	12/9/02	12/9/02
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 051-25,175-00-00
County: Ellis
90'N&130'W of
___-NE-SE-SE Sec. 19 Twp. 13 S. R. 20W ☐ East ☒ West
1080 feet from (S) / ● (circle one) Line of Section
460 feet from (E) / ● (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Augustine Well #: 1-19
Field Name: Herbert SE
Producing Formation: Arbuckle
Elevation: Ground: 2276 Kelly Bushing: 2284
Total Depth: 3978 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at 220.95 Feet
Multiple Stage Cementing Collar Used? ☒ Yes ☐ No
If yes, show depth set 1616 Feet
If Alternate II completion, cement circulated from 1616'
feet depth to surface w/ 160 sx cmt.

Drilling Fluid Management Plan Alt II WR 9.19.03
(Data must be collected from the Reserve Pit)
Chloride content 16,000 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: 9-9-03
Subscribed and sworn to before me this 9th day of September,
19 ___. 2003
Notary Public: Jessica R. Basgall
Date Commission Expires: 6-17-06

NOTARY PUBLIC - State of Kansas
JESSICA R. BASGALL
My Appt. Exp. 6-17-06

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: Augustine 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: Dual Ind., Dens-Neut, Micro, Sonic

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

Name	Top	Datum
Anhydrite	1608	+675
Topeka	3304	-1020
Heebner	3532	-1248
Toronto	3551	-1267
LKC	3569	-1285
BKC	3816	-1532
Marmaton	3870	-1586
Cherokee Shale	3903	-1619
Arbuckle	3926	-1642

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	12¼	8 5/8	23	220.95	Common	150	2%Gel&3%CC
Production St.	7 7/8	5½	14	3976.74	EA/2	150	

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate _X_ Protect Casing ___ Plug Back TD ___ Plug Off Zone	0-1616	Multi-Dens.	160	Flocele 1/4# per sk

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	3946-3949 Arbuckle	250g 15% mud acid	perfs
4	3774-3777 LKC "K"	400g 15% mud acid400g 15%NE 1000g 15% NE	perfs
4	3757-3760 LKC "J"	350g 15% mud acid350g15%NE 1000g 15% NE	perfs
4	3642-3645 LKC "E"	250g 15% mud acid	perfs

TUBING RECORD Size	Set At	Packer At	Liner Run
2 3/8	3949'	none	☐ Yes ☒ No

Date of First, Resumed Production, SWD or Enhr.	Producing Method				
1-8-03	☐ Flowing	☒ Pumping	☐ Gas Lift	☐ Other *(Explain)*	

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	22	0	22	1-1	39.5

Disposition of Gas METHOD OF COMPLETION Production Interval

☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Sumit ACO-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled

☐ Other *(Specify)* 3642-3949 OA