

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACQ-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 30717

Name: Downing-Nelson Oil Co., Inc.

Address P.O. Box 372

City/State/Zip Hays, Kansas 67601

Purchaser: FARMLAND

Operator Contact Person: Ron Nelson

Phone (913) 628-3449

Contractor: Name: Discovery Drilling, Inc.

License: 31548

Wellsite Geologist: Ron Nelson

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, MSW, Expl., Cathodic, etc)

If Workovers:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

_____ Deepening _____ Re-perf. _____ Conv. to Inj/SWD
_____ Plug Back _____ PSTD
_____ Commingled _____ Docket No. _____
_____ Dual Completion _____ Docket No. _____
_____ Other (SWD or Inj?) _____ Docket No. _____

2/15/96 2/21/96 2/22/96
Spud Date Date Reached TD Completion Date

VOID LINE

API NO. 15- 051-24912 0000 ^{14-138-20W}

County Ellis ^{Sub}

-NE - SW - SW Sec. 14 Twp. 13S Rge. 20 E W

990 Feet from (SW) (circle one) Line of Section

990 Feet from (E) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or (SW) (circle one)

Lease Name Calvert Well # 1-14

Field Name Wildcat

Producing Formation Lansing KC

Elevation: Ground 2147 KB 2155

Total Depth 3870' PSTD _____

Amount of Surface Pipe Set and Cemented at 204.58 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1485 Feet

If Alternate II completion, cement circulated from 1445'

feet depth to surface w/ 230 ex cmt.

Drilling Fluid Management Plan Alt # 6-11-96
(Data must be collected from the Reserve Pit) ^{RE}

Chloride content 22,000 ppm Fluid volume 2500 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name _____

Lease Name _____ License No. _____

_____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

COPY

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 on 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 4-16-96

Subscribed and sworn to before me this 16 day of APRIL, 1996.

Notary Public Cathy Reeves

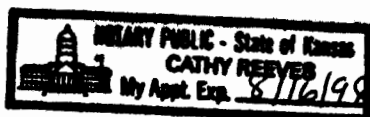
Date Commission Expires 8-16-98

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
C Wireline Log Received
C _____ Geologist Report Received

Distribution

KCC SWD/Rep NGPA
 KGS Plug Other (Specify) _____



KANSAS CORPORATION COMMISSION Form ACQ-1 (7-91)

APR 18 1996

CONSERVATION DIVISION
WICHITA, KS

Operator Name Downing-Nelson Oil Co., Inc.

Lease Name Calvert

Well # 1-14

Sec. 14 Twp. 13S Rge. 20

East
 West

County Ellis

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests during interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

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: MERCURY WIRELINE
RADIATION GUARD & CASED
HOLE

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
TOP ANHYDRITE	1484	+671
BASE ANHYDRITE	1530	+625
TOPEKA	3188	-1033
HEEBNER	3422	-1267
TORONTO	3444	-1289
LKC	3464	-1309
DKC	3716	-1561
MARMATON	3762	-1607
CONGLOMERATE SAND	3795	-1640
ARBUCKLE	3834	-1679

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	28	204.58	60/40Poz	135	2%Gel&3%CC
Production	7 7/8	5 1/2	14	3869.33	ASC	225	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	0-1445	60-40 POZ	230	6% gel

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)	
		Amount	Depth
4	3834-37 & 3839-41 CIBP @ 3820'	250 g. 15% mud acid	
4	3794-96	none	
4	3768-72	2000g. 15%INS-double FE	

TUBING RECORD	Size 2 7/8	Set At 3800	Packer At none	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SMD or Inj. 3-14-96	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 68	Bbls.	Gas 92	Mcf	Water 2-3	Bbls.	Gas-Oil Ratio 2-3	Gravity 40.5
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Disposition of Gas: **METHOD OF COMPLETION** Vented Sold Used on Lease (if vented, submit ACO-18.) Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

COPY

15-051-24912

CALVERT 1-14

ADDITIONAL PERFORATIONS & ACID TREATMENT

SHOTS PER FT.

PERFORATIONS

ACID TYPE & AMOUNT

4

3644-47

250g. 15% mud acid

4

3600-04

500g. 15% mud acid

4

3464-66

1500g. 15% NE

4

3216-22

250g. 15% mud acid

500g. 15% mud acid

STATE OF KANSAS
KANSAS GEOLOGICAL SURVEY

APR 16 1956

CONSERVATION DIVISION
WICHITA, KS