

SIDE ONE

COPY

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

ORIGINALOperator: License # 30717Name: DOWNING-NELSON OIL CO., INC.Address POB 372City/State/Zip HAYS, KS. 67601Purchaser: NAOperator Contact Person: RON NELSONPhone () 785-628-3449Contractor: Name: SHIELDS DRILLINGLicense: 5184Wellsite Geologist: NONE

Designate Type of Completion

XX New Well XX Re-Entry Workover

<u> </u> Oil	<u> </u> SMD	<u> </u> SLOW	<u> </u> Temp. Abd.
<u> </u> Gas	<u> </u> ENHR	<u> </u> SLOW	
<u>XX</u> Dry	<u> </u> Other (Core, WSW, Expt., Cathodic, etc)		

If Workover:

Operator: DON H. PEAKERWell Name: FRANCIS #2Comp. Date 4-10-69 Old Total Depth 3580

<u> </u> Deepening	<u> </u> Re-perf.	<u> </u> Conv. to Inj/SMD
<u> </u> Plug Back		<u> </u> PSTD
<u> </u> Coning/Land	<u> </u> Docket No.	
<u> </u> Dual Completion	<u> </u> Docket No.	
<u> </u> Other (SMD or Inj?)	<u> </u> Docket No.	

<u>12-15-97</u>	<u>12-17-97</u>	<u>2-17-98</u>
Spud Date	Date Reached TD	Completion Date

API NO. 15- 147-200640001

County PHILLIPS plugged 3/5/98

NE NW Sec. 14 Twp. 1 Rge. 18 W

330 Feet from SW (circle one) Line of Section

2310 Feet from EW (circle one) Line of Section

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

Lease Name ONEILL Well # 1

Field Name WILDCAT

Producing Formation NONE

Elevation: Ground 2081 KB 2086

Total Depth 3580 PSTD 3578

Amount of Surface Pipe Set and Cemented at 200 Feet

Multiple Stage Cementing Collar Used? XX Yes No

If yes, show depth set 1753 Feet

If Alternate II completion, cement circulated from 1753
feet depth to surface w/ 425 ex cmt.

Drilling Fluid Management Plan DATA, 6-1-98 WL
(Data must be collected from the Reserve Pit)

Chloride content 10,000 ppm Fluid volume 800 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.

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 NelsonTitle President Date 3-12-98Subscribed and sworn to before me this 12 day of MARCH 19 98.Notary Public Cathy ReevesDate 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	☐ SMD/Rep	☐ NGPA
☐ KGS	☐ Plug	☐ Other (Specify)

SIDE TWO

COPYOperator Name DOWNING-NELSON OIL CO., INC. Lease Name ONEILL #1Sec. 14 Twp. 1 Rge. 18☐ EastCounty PHILLIPS☒ West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 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.)

BLI WIRELINE
List All E-logs Run: GAMMA RAY CORRELATION
BOND & GAMMA RAY NEUTRON

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

Name	Top	Datum
ANHYDRITE	1722	+364
HEBBERNER	3291	-1205
TORONTO	3318	-1232
LKC	3336	-1250
BKC	3572	-1406

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	12 1/4	8 5/8	20	200	COMMON	150	--
PRODUCTION	7 7/8	4 1/2	9.5	3578	ASC	175	10% salt 2% gel
					60-40 poz	425	1/4% floccul

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing	3373-	60-40poz	225	1%cc
☐ Plug Back TD				
☒ Plug Off Zone	3493			

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	
4	3490-93 & 3466-69	250g 15% NE	squeeze
4	3419-22:3391-94:3399-3401	none	225%cc squeeze
4	3373-77	250g 15% NE	60-40poz squeeze
4	3372-77	250g 15% mud acid	

TURNING RECORD		Size	Set At	Packer At	Liner Run	☐ Yes ☐ No
Date of First, Resumed Production, SMD or Inj.						
Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)						
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.
		Gas-Oil Ratio		Gravity		

Disposition of Gas: METHOD OF COMPLETION

Production Interval

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

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Confining

☐ Other (Specify) _____

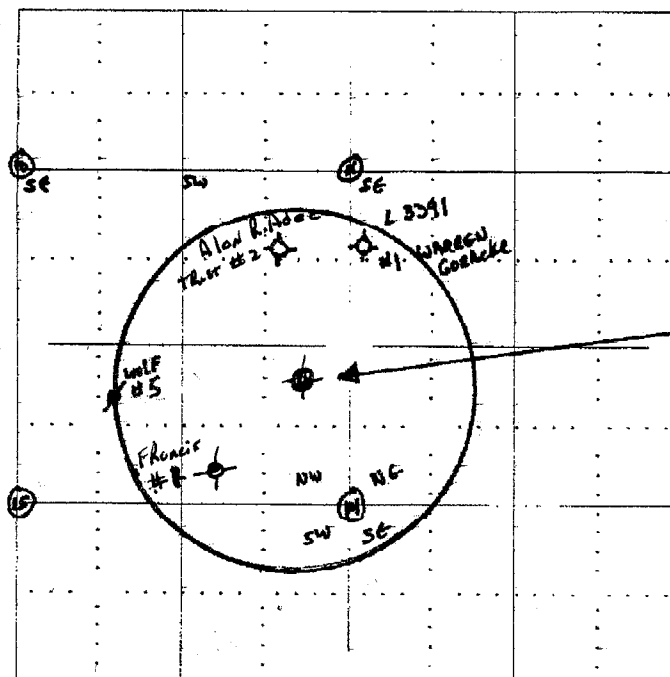
Plat and Certificate of Injection Well Location and Surrounding Acreages

Operator: ARDC, Inc Location of Well: NE NE NW
 Lease: O'Neill 4950 Feet from SOUTH Section Line
 Well Number: #1 2970 Feet from EAST Section Line
 County: Phillips Sec. 14 Twp. 1 S. R. 18 East ☒ West

Plat

Show the following information: applicant injection well, all producing wells, abandoned wells, plugged wells, and other wells within a one-half mile radius, all lease boundaries, lease operators, unleased mineral rights owners, well numbers, and producing wells producing formation tops.

Collected
C84
12/14/2002



originally O'Neill #1
in Dow Pool
converted to SWD 12/1/2002

applicant well producing well plugged injection well
 D & A well other injection well temporarily abandoned well
 plugged producer water supply well

The undersigned hereby certifies that he / she is a duly authorized agent for ARDC Inc., and that all of the information shown herein is true, complete and correct to the best of his / her knowledge.

Mark A. Bister
Applicant or Duly Authorized Agent

Subscribed and sworn before me this 14th day of December 2002.

Dan White
Notary Public

My Commission Expires: 3-11-2002