

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

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

Operator: License # 30717
Name: DOWNING-NELSON OIL CO., INC.
Address: P.O. Box 372
City/State/Zip: Hays, KS 67601
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 ☐ 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. _____

11/3/03 11/9/03 11/10/03
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 195-22,240-00-00
County: Trego
20'S&100'E of
C-E/2 SE Sec. 24 Twp. 13 S. R. 21W ☐ East ☒ West
1300 feet from (S) (circle one) Line of Section
560 feet from (E) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE (SE) NW SW
Lease Name: Clyde Lang Well #: 2-24

Field Name: Herbert

Producing Formation: None

Elevation: Ground: 2250 Kelly Bushing: 2258

Total Depth: 3939 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at 222.55 Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT #3
(Data must be collected from the Reserve Pit) P+A KGR 5/24/07

Chloride content 16,000 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-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: 3-3-04
Subscribed and sworn to before me this 3 day of MARCH,
2004.
Notary Public: Chris A. Dreiling
Date Commission Expires: 8-31-05

KCC Office Use ONLY

☐ Letter of Confidentiality Attached
If Denied, Yes ☐ Date: _____
☐ Wireline Log Received
☐ Geologist Report Received
☐ UIC Distribution

CHRIS A. DREILING
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Expires 8-31-05

Operator Name: DOWNING-NELSON OIL CO., INC. Lease Name: CLYDE LANG Well #: 2-24
 Sec. 24 Twp. 13 S. R. 21W ☐ East ☒ West County: Trego

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:

CDNL/GR,DIL,Sonic,Microlog

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

Name	Top	Datum
Top Anhy.	1591	+667
Base Anhy.	1636	+622
Topeka	3286	-1028
Heebner	3518	-1260
Toronto	3536	-1278
LKC	3555	-1297
BKC	3804	-1546
Marmaton	3857	-1599
Arbuckle	3926	-1668

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 $\frac{1}{4}$	8 5/8	20	222.55	Common	150	2%Gel&3%CC

ADDITIONAL CEMENTING / SQUEEZE RECORD

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 (Amount and Kind of Material Used)	Depth

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> 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-1B.)

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____

ALLIED CEMENTING CO., INC. ORIGINAL 15744

P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell

11-3-03	SEC 24	TWP. 13	RANGE 21	CALLED OUT 5:00pm	ON LOCATION 6:10pm	JOB START 8:15pm	JOB FINISH 8:45pm
LEASE TYPE <u>Lang</u>	WELL # 2-24	LOCATION Ellis 1w 2s 1w 3/4s	COUNTY <u>Trego</u>		STATE <u>KANSAS</u>		
OLD OR NEW (Circle one)		1/4w 1/4N					

CONTRACTOR Discovery Drilling Rig #2 OWNER

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 223'

CASING SIZE 8 5/8 DEPTH 222'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15-20'

PERFS.

DISPLACEMENT 13 1/4 / BBL

EQUIPMENT

PUMP TRUCK CEMENTER [Signature]

366 HELPER [Signature]

BULK TRUCK

222 DRIVER [Signature]

BULK TRUCK

DRIVER

REMARKS:

Cement Circulated

THANKS

CHARGE TO: Downing & Nelson

STREET

CITY STATE ZIP

To Allied Cementing Co., Inc.

You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE

Thomas Al

CEMENT

AMOUNT ORDERED 150 SK Com

2 7/8 gal

3 7/8 gal

COMMON 150 @ 7.15 1,072.50

POZMIX @

GEL 3 @ 10.00 30.00

CHLORIDE 5 @ 30.00 150.00

@

@

@

@

@

HANDLING 158 @ 1.15 181.70

MILEAGE .05/sk/mi. 395.00

RECEIVED

TOTAL 1,829.20

MAR 22 2004

SERVICE

KCC WICHITA

DEPTH OF JOB

PUMP TRUCK CHARGE 520.00

EXTRA FOOTAGE @

MILEAGE 50 @ 3.50 175.00

PLUG 8 5/8 WOODEN @ 45.00 45.00

@

@

TOTAL 740.00

FLOAT EQUIPMENT

@

@

@

@

@

TOTAL

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

Thomas Al

PRINTED NAME

ALLIED CEMENTING CO., INC. 14483

Federal Tax I.D.# 48-0727860

ORIGINAL
SERVICE POINT:
Ness City

TO P.O. BOX 31
RUSSELL, KANSAS 67665

DATE <u>11-10-03</u>	SEC. <u>24</u>	TWP. <u>13s</u>	RANGE <u>21W</u>	CALLED OUT <u>5:45/AM</u>	ON LOCATION <u>8:20/AM</u>	JOB START <u>9:00/AM</u>	JOB FINISH <u>12:30/PM</u>
LEASE <u>CYPZ LANG</u>	WELL # <u>2-24</u>	LOCATION <u>ELLIS + McCracken Rd 252W</u>			COUNTY <u>TRIGO</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>			1/2s				

CONTRACTOR Discovery Drilling # 2
 TYPE OF JOB Rotary Plug
 HOLE SIZE 7 7/8" T.D. 3939'
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 1 1/2" DEPTH 3900'
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

EQUIPMENT

PUMP TRUCK CEMENTER BUD
 # 224 HELPER JIM
 BULK TRUCK
 # 344 DRIVER STEVE
 BULK TRUCK
 # _____ DRIVER _____

OWNER Downing-Nelson Oil Co.

CEMENT
 AMOUNT ORDERED 240 lb 60/40 Pz 6% GEL
1/4" FS Seal

COMMON	<u>144 Act.</u>	@	<u>7.15</u>	<u>1,029.60</u>
POZMIX	<u>96 Act.</u>	@	<u>3.80</u>	<u>364.80</u>
GEL	<u>12 Act.</u>	@	<u>10.00</u>	<u>120.00</u>
CHLORIDE		@		
<u>FS SEAL 60 Act.</u>		@	<u>1.40</u>	<u>84.00</u>
		@		
		@		
		@		
		@		
HANDLING	<u>254 Act</u>	@	<u>1.15</u>	<u>292.10</u>
MILEAGE	<u>254 Act OS</u>		<u>SO</u>	<u>635.00</u>

RECEIVED

TOTAL 2525.2

MAR 22 2004

REMARKS:

SERVICE

1st Plug 4 1/2" DP 3900 Ft Mix 50/140 60/40 6% GEL
1/4" FS Seal 12/1 MUD 2nd Plug 1600 Ft
Mix 25/140 60/40 Pz 6% GEL 1/4" FS Displace
3rd Plug 800 Ft Mix 100/140 60/40
Pz 6% GEL 1/4" FS Displace to Balance
4th Plug 270 Ft 40/140 60/40 Pz 6% GEL
1/4" FS Top Plug Prince 40 Ft 10/14
60/40 Pz 6% GEL 1/4" FS. IS NOT AVAILABLE

KCC WICHITA

DEPTH OF JOB	<u>3900'</u>		
PUMP TRUCK CHARGE	<u>3900'</u>		<u>630.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>SO</u>	@	<u>3.50</u> <u>175.00</u>
PLUG	<u>1-85/100 HP</u>	@	<u>23.00</u> <u>23.00</u>
		@	
		@	

TOTAL 828.00

CHARGE TO: Downing-Nelson Oil Co. Inc.
 STREET P.O. Box 372
 CITY Hays STATE KS ZIP 67601

FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

TOTAL _____

To Allied Cementing Co., Inc.

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SIGNATURE

Thomas ALM

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

Thomas ALM

PRINTED NAME