

**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
Hays, KS 67601
 City/State/Zip:
 Purchaser: NCRA
 Operator Contact Person: Ron Nelson
 Phone: (785) 628-3449
 Contractor: Name: Discovery Drilling Co., Inc.
 License: 31548 **RECEIVED**

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. _____
4/15/03 4/21/03 4/22/03
 Spud Date or Date Reached TD Completion Date or
 Recompletion Date Recompletion Date

API No. 15 - 195-22,230-00-00
 County: Trego
130 S & 110 W of
NE-NW-SE Sec. 24 Twp. 13 S. R. 21W East West
2180 feet from (S) / (circle one) Line of Section
1540 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 #: 1-24
 Field Name: Herbert
 Producing Formation: Arbuckle
 Elevation: Ground: 2207 Kelly Bushing: 2215
 Total Depth: 3892 Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at 223.16 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set 1522 Feet
 If Alternate II completion, cement circulated from 1522
 feet depth to Surface w/ 180 sx cmt.
(10sks In Mouse Hole) (15sks In Rat Hole)
Drilling Fluid Management Plan ALTILWAM 9-27-06
(Data must be collected from the Reserve Pit)
 Chloride content 11,000 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.: _____

SEP 12 2003
KCC WICHITA

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: 9-10-03
 Subscribed and sworn to before me this 10th day of September,
~~19~~ 2003
 Notary Public: Amy Quint
 Date Commission Expires: 10-04-2004

KCC Office Use ONLY

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

✓

X

Operator Name: DOWNING-NELSON OIL CO., INC. Lease Name: CLYDE LANC Well #: 1-24
 Sec. 24 Twp. 13 S. R. 21 W 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Log <input checked="" type="checkbox"/> Formation (Top), Depth and Datum <input type="checkbox"/> Sample
Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name Top Datum
Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite 1550 +665
Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>	Topeka 3248 -1033
List All E. Logs Run: <u>Dual Induction, Density-Neutron, Micro</u>	Heebner 3480 -1265
	Toronto 3499 -1284
	LKC 3516 -1301
	BKC 3761 -1546
	Marmaton 3820 -1605
	Cherokee Shale 3858 -1643
	Arbuckle 3889 -1674

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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	20	223.16	Common	150	2%Gel&3%CC
Production St.	7 7/8	5 1/2	14	3890	EA/2	150	
			DV Tool @ 1522'		SMDC	180	

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	Acid, Fracture, Shot, Cement Squeeze Record	Depth
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	

TUBING RECORD	Size <u>2 3/8</u>	Set At <u>3890</u>	Packer At <u>None</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
<u>May 1, 2003</u>				
Estimated Production Per 24 Hours	Oil Bbls. <u>54</u>	Gas Mcf <u>0</u>	Water Bbls. <u>0</u>	Gas-Oil Ratio <u>40.3</u>

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Sumit ACO-18.)</i>	<input checked="" type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	

ALLIED CEMENTING CO., INC. 13070

Federal Tax I.D.#

P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL SERVICE POINT:

Nessa City

DATE 4-15-03	SEC. 24	TWP. 13	RANGE 21	CALLED OUT 4:45 PM	ON LOCATION 7:00 PM	JOB START 9:45 PM	JOB FINISH 10:00 PM
LEASE Clyde Long	WELL # 1-24	LOCATION Ellis stop late 1W, 1S,			COUNTY Fuego	STATE Kansas	
OLD OR NEW (Circle one) NEW			1W, 1S, throw fracture.				

CONTRACTOR **Discovery**

TYPE OF JOB **Surface**

HOLE SIZE **12 1/4** T.D. **224'**

CASING SIZE **8 5/8** DEPTH **223'**

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. **15'**

PERFS. _____

DISPLACEMENT **13.2**

OWNER **Downing-Nelson**

CEMENT

AMOUNT ORDERED **150 sk Common**

3% CC 2% Gel

COMMON	150 sk	@	7.15	1072.50
POZMIX		@		
GEL	3 sk	@	10.00	30.00
CHLORIDE	5 sk	@	30.00	150.00
		@		
		@		
		@		
		@		
HANDLING	158 sk	@	1.15	181.70
MILEAGE	158 sk OS	35		276.50

EQUIPMENT

Nessa

PUMP TRUCK CEMENTER **J.P. Downing**

224 HELPER **Jim Weighous**

BULK TRUCK

342 DRIVER **Don Demmitt**

BULK TRUCK

_____ DRIVER _____

RECEIVED TOTAL **1710.70**

APR 06 2004

KCC WICHITA SERVICE

REMARKS:

*Ran 5 jts of 8 5/8 casing to bottom
Circulate with mud pump.
Cement with 150 sk common 3% cc
2% gel. Shut down, change valves
over, release 8 5/8 wiper plug & displace
with 13.2 bbls fresh 4 20.
Cement did circulate, (4 bbl cement)*

DEPTH OF JOB	223'		
PUMP TRUCK CHARGE			520.00
EXTRA FOOTAGE		@	
MILEAGE	35	@	3.50 122.50
PLUG	1.8 5/8 TWP	@	45.00 45.00
		@	
		@	

TOTAL **687.50**

CHARGE TO: **Downing-Nelson Oil Co**

STREET **P.O. Box 372**

CITY **Hays** STATE **Kansas** ZIP **67601**

FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

TOTAL _____

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.

TAX _____

TOTAL CHARGE **2398.20**

DISCOUNT **239.82** IF PAID IN 30 DAYS **2158.38**

SIGNATURE **X Thomas Alm**

SIGNATURE **X Thomas Alm**

PRINTED NAME _____

THANK YOU!



CHARGE TO: Downing & Nelson
 ADDRESS _____
 CITY, STATE, ZIP CODE _____

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 KCC WICHITA

TICKET No. **5559**

PAGE 1 OF 2

SERVICE LOCATIONS 1. <u>Hays, Ks.</u>	WELL/PROJECT NO. <u>1-24</u>	LEASE <u>Clyde Lang</u>	COUNTY/PARISH <u>Ellis</u>	STATE <u>Ks.</u>	CITY	DATE <u>4-22-03</u>	OWNER <u>Same</u>
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>Discovery Drlg.</u>	RIG NAME/NO.	SHIPPED VIA <u>CTT</u>	DELIVERED TO <u>Location</u>	ORDER NO.	
3.	WELL TYPE <u>Oil</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>Cent. 5 1/2" Production Csg.</u>	WELL PERMIT NO.	WELL LOCATION <u>Sec 24-13^s-21^w</u>		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE		AMOUNT	
		LOC	ACCT	DF									
575		1			MILEAGE #103	40	mi			2	50	100	00
579		1			Pump Service	1	ea			1,500	00	1,500	00
405		1			Packer Shoe	1	ea	5 1/2	in	1,250	00	1,250	00
408		1			D.U. Tool	1	ea	"		2,150	00	2,150	00
417		1			Latch down Plug + Baffle	1	ea	"		200	00	200	00
402		1			Centralizers	6	ea	"		44	00	264	00
403		1			Cent. Basket	1	ea	"		125	00	125	00
281		1			Mud Flush	500	gal				60	300	00
221		1			RCL	4	gal			19	00	76	00
		1			See Continuation							4,263	00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

Thomas D.
 SIGNED _____ TIME SIGNED _____ A.M. P.M.

REMIT PAYMENT TO:
SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	10,228	00
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?						
WE UNDERSTOOD AND MET YOUR NEEDS?						
OUR SERVICE WAS PERFORMED WITHOUT DELAY?						
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TAX	409	65
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	10,637	75
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND						

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

B. Feyler
 APPROVAL _____

Thank You!

SWIFT Services, Inc. ORIGINAL

WELL NO. 1-24
LEASE Clyde Lang
JOB TYPE Long String
TICKET NO. 5559

TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
			T	C	TUBING	CASING	
0730							On loc. Rig laying down Drill Pipe Start in hole with 5 1/2" 14" Csg. Packer shoe Latch down Baffle Cent. on #1, #3, #5, #7, #9, #53 Basket on #54 D.U. on Top #54 @ 1522'
11:00							Drop Ball
11:15						1300	Set Packer shoe 1300psi Circulate
11:35		12					Pump 500gal Mud Flush
		20					20 ^{ss} KCL Flush
		36					MIX 150sk EA-2 Cont.
1150							Wash out pump & line Displace shut off Plug 54 ^{ss} H ₂ O 40 ^{ss} Mud
		94				11500	Plug down 1500psi holding Release Press. Drivel up Drop Opening Plug
12:30						1100	Open D.U. tool 1,100psi Circulate Plug Mase hole & Rec hole Pump 20 ^{ss} KCL Flush MIX 130sk SMO Cont.
		99					Finished mixing Displ. Closing Plug 20 ^{ss} Displ. in travel Diehl Haul up to Rig pump Displace Plug 20 ^{ss} Mud Plug Down 1700psi Release Press. D.U. closed Circulate 20 ^{ss} cont. to pit wash & pack up tank

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