

**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 **RECEIVED**  
 Purchaser: NCRA  
 Operator Contact Person: Ron Nelson **MAR 04 2004**  
 Phone: (785) 628-3449 **KCC WICHITA**  
 Contractor: Name: Discovery Drilling Co., Inc.  
 License: 31548  
 Wellsite Geologist: Ron Nelson  
 Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     SWD     SLOW     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. \_\_\_\_\_  

<u>12/15/03</u>	<u>1/6/04</u>	<u>1/7/04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 195-22,243-00-00  
 County: Trego  
 60' S 60' E of W/2W/2SE Sec. 21 Twp. 13 S. R. 21W  East  West  
1260 feet from S (circle one) Line of Section  
2250 feet from E (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE (SE) NW SW  
 Lease Name: Sauer Well #: 1-21  
 Field Name: Wildcatunnamed  
 Producing Formation: Marmaton  
 Elevation: Ground: 2233 Kelly Bushing: 2241  
 Total Depth: 4040 Plug Back Total Depth: \_\_\_\_\_  
 Amount of Surface Pipe Set and Cemented at 222.15 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set 1630 Feet  
 If Alternate II completion, cement circulated from 1630  
 feet depth to Surface w/ 180 sx cmt.  
**(15sks In Rat Hole)**  
**Drilling Fluid Management Plan** *ALT#2 KJR 5/24/07*  
 (Data must be collected from the Reserve Pit)  
 Chloride content 17,000 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	
<input type="checkbox"/> Letter of Confidentiality Attached	
<input type="checkbox"/> If Denied, Yes <input type="checkbox"/> Date: _____	
<input type="checkbox"/> Wireline Log Received	
<input type="checkbox"/> Geologist Report Received	
<input type="checkbox"/> UIC Distribution	

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

X

Operator Name: DOWNING-NELSON OIL CO., INC. Lease Name: Sauer Well #: 1-21  
 Sec. 21 Twp. 13S 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, Micolog

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Top Anhy.	1624 +617	
Base Anhy	1670 +571	
Heebner	3546 -1305	
Toronto	3566 -1325	
LKC	3582 -1341	
Marmaton	3906 -1665	
Conglomerate	3982 -1741	
Arbuckle	3989 -1748	

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	# Sacs Used	Type and Percent Additives
Surface Pipe	12 1/4	8 5/8	20	222.15	Common	150	2%Gel&3%CC
Production St.	7 7/8	5 1/2	14	4038.47	EA/2	150	
			DV Tool @	1630	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 checked="" 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
4	3920-3922	750 gal. MCA 15%	3920

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method			
2-04-04		<input type="checkbox"/> Flowing <input checked="" 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
70	70	0	0	0/100	

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled

Production Interval  Other (Specify) \_\_\_\_\_



CHARGE TO: *Dawson & Nelson*  
 ADDRESS:  
 CITY, STATE, ZIP CODE:

RECEIVED  
 MAR 22 2004  
 KCO WICHITA

TICKET No: 6504

PAGE 1 OF 1

WELL/PROJECT NO. <i>1-21</i>	LEASE <i>Sawee</i>	COUNTY/PARISH <i>Ellis</i>	STATE <i>Ks.</i>	CITY	DATE <i>1-24-04</i>	OWNER <i>Same</i>
TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <i>Randy's Well Serv.</i>	RIG NAME/NO.	SHIPPED VIA <i>BIT</i>	DELIVERED TO <i>Location</i>	ORDER NO.	
WELL TYPE <i>Oil</i>	WELL CATEGORY <i>Development</i>	JOB PURPOSE <i>Squeeze Perfs</i>	WELL PERMIT NO.	WELL LOCATION		
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	25	mil			2	50	62	50
578		1			Pump Service	1	ea			1,200	00	1,200	00
581		1			Service Charge	100	SK			1	00	100	00
583		1			Drayage	141	70M mils				00	119	00
395		1			Standard Cement	75	SK			7	00	525	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

X  
DATE 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	2,007	35
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	27	83
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO					TOTAL	2035	18
<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.

OPERATOR: *Roger B. Lytle* APPROVAL: \_\_\_\_\_

Thank You!

LOG

# SWIFT Services, Inc. ORIGINAL

DATE 1-24-04 PAGE NO. 1

CUSTOMER  
Downing & Nelson

WELL NO.  
1-21

LEASE  
Saver

JOB TYPE  
Squeeze

TICKET NO.  
6504

CHART NO.	TIME	RATE (BPM)	VOLUME (SBL)(GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	11:15							on loc set up truck set packer between parts Pump down tubing Blow on Ann. Move PRR down 10' Blow on Ann. Set PRR @ 3840 to Squeeze Parts 3918-32, 3942-42
	11:50	2				500		sex Load Ann. held 500psi Inj. rate 2 Bpm 500psi wait on water
	13:05							Start mixing 175sbl Standard
	1315							Finished mixing wash out pump & line Displ.
	1335		12.5			1100		12 <sup>1/2</sup> Displ. in 1100psi Release press. Drilling Reverse out short wing
	1400							Repress. to 1100psi holding Release press pull PRR out of hole wash and rack up truck Job Complete

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MAR 22 2004  
KCC WICHITA

ORIGINAL



CHARGE TO: *Drumming & Nelson*

ADDRESS

CITY, STATE, ZIP CODE

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MAR 2 2 2004  
KCC WICHITA

TICKET No 6335

PAGE 1 OF 2

SERVICE LOCATIONS: *1-21*

WELL/PROJECT NO. *1-21* LEASE *Swath* COUNTY/PARISH *Trego* STATE *Ks.* CITY

TICKET TYPE  SERVICE  SALES CONTRACTOR *Discovery Drlg.* RIG NAME/NO.

WELL TYPE *Oil* WELL CATEGORY *Development* JOB PURPOSE *Cont. 5 1/2" Prod. Csg.* SHIPPED VIA *OT* DELIVERED TO *Hex.* DATE *1-7-04* OWNER *Same*

4. REFERRAL LOCATION INVOICE INSTRUCTIONS *See 13-13-21w* WELL PERMIT NO. WELL LOCATION

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
575		1			MILEAGE #103	30	mil			2.50	75	00
579		1			Pump Service	1	ea			1,500.00	1,500	00
407		1			Insert Float Shoe	1	ea	5/8	in	230.00	230	00
408		1			D.V. & Plug Set	1	ea			2150.00	2150	00
402		1			Centralizers	7	ea			44.00	308	00
403		1			Cont. Basket	1	ea			125.00	125	00
193		1			Rotating Head	1	ea			150.00	150	00
281		1			Mud Flush	500	gal			60	300	00
231		1			KCL	4	gal			19.00	76	00
					<i>See Continuation</i>						4105	84

**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

X *Thomas AL*

DATE 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
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				9019
WE UNDERSTOOD AND MET YOUR NEEDS?				
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				
ARE YOU SATISFIED WITH OUR SERVICE?				
<input type="checkbox"/> YES <input type="checkbox"/> NO				TAX
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL

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

APPROVAL *Bo B. Lytle*

Thank You!



PO Box 466  
Ness City, KS 67560  
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 6.335

ORIGINAL

CUSTOMER *Douwing & Nelson* WELL *Sawr 1-21* DATE *1-7-04* PAGE *2* OF *2*

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOG	ACCT	DF									
325		1				Standard	150		SKS		7.00	1050	.00
384		1				Calseal	7		SKS		25.00	175	.00
283		1				Salt	750		#		15	112	50
285		1				CPR	70		#		2.75	192	50
330		1				SMOC	180		SKS		9.75	1755	.00
276		1				Flocele	70		#		90	63	.00
521		1				SERVICE CHARGE							
533		1				MILEAGE CHARGE							
						TOTAL WEIGHT	33,556						
						LOADED MILES	30						
						CUBIC FEET	330 SKS				1.00	330	.00
						TON MILES	503.34				.85	427	.84

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KCC WICHITA

CONTINUATION TOTAL 4105.84

# SWIFT Services, Inc. ORIGINAL

DATE 1-7-04 PAGE NO. 1

OPERATOR Cunning & Nelson WELL NO. 1-21 LEASE Saver JOB TYPE Long String TICKET NO. 6335

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0530							on loc. Rig being down D.P.
	0725							Start in hole with 5 1/2" 14# csg 96 Jt Insert Float Shoe. Baffle plate Center on #1, #3, #5, #7, #9, #11, #58 Basket on #59 1672' D.V. on #59 @ 1630'
	0900							Csg. on Bottom Drop Bull Circulate & Rotate Csg. Pump 12 <sup>SS</sup> Mud Flush 20 <sup>SS</sup> RCL Flush
	0945		12					MIX 150 sbs EA-2 Wash out pump line
	10:00		36					Displace shut off plug 54 <sup>SS</sup> H2O 44 <sup>SS</sup> mud
	10:15		98			X	1200	Plug down 1200pst holding Release press. Float held Drop opening plug
	10:30						1,100	Open D.V. 1100pst Plug Rev hole. no more hole pump 20 <sup>SS</sup> RCL Flush MIX 120 sbs SMO
	10:50		99					Final mixing Displ. closing plug 40 <sup>SS</sup>
	11:00						1,600	Plug down 1600pst holding Release press. D.V. closed Circulated cut. to pit wash and rack up thread JOS Complete.

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