

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: NCRA
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 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. _____
9/15/03 9/22/03 9/23/03
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 195-22,238-00-00
County: Trego
150 N. 130 W. of
SE SW SE Sec. 17 Twp. 13 S. R. 21W East West
480 feet from (S) (circle one) Line of Section
1780 feet from (E) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Bollig Well #: 1-17
Field Name: Unnamed
Producing Formation: Arbuckle
Elevation: Ground: 2210 Kelly Bushing: 2218
Total Depth: 3981 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 223.25 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1581 Feet
If Alternate II completion, cement circulated from 1581
feet depth to Surface w/ 180 sx cmt.
(10sks In Mouse Hole) (15sks In Rat Hole)
Drilling Fluid Management Plan ALT#2 KGR 5/24/07
(Data must be collected from the Reserve Pit)
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.: _____

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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 3rd day of March
2004
Notary Public: Jessica R. Basgall
Date Commission Expires: 6-17-06

KCC Office Use ONLY
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution



Operator Name: DOWNING-NELSON OIL CO., INC. Lease Name: Bollog Well #: 1-17
 Sec. 17 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:

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Anhy. top	1608	+611
Base Anhy	1650	+570
Topeka	3283	-1065
Heebner	3510	1292
Toronto	3528	-1310
LKC	3544	1326
BKC	3789	-1571
Marmaton	3870	-1652
Arbuckle	3946	-1728

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	223.25	Common	150	2%Gel&3%CC
Production St.	7 7/8	5 1/2	14	3978	EA/2	150	
			DV Tool @	1581	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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3944-3954	300 gal 15% mud acid	3944
		750 gal 15% NEFE	3944

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	3951		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method		
10-20-03			<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
	30	0	0	0/100	34.3

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: Downing Nelson
 ADDRESS:
 CITY, STATE, ZIP CODE:

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TICKET No. 5713
 PAGE 1 OF 1

ORIGINAL

OFFICE LOCATIONS <u>Haystack</u>	WELL/PROJECT NO. <u>1-17</u>	LEASE <u>Bollig</u>	COUNTY/PARISH <u>Gregg</u>	STATE <u>KS</u>	CITY	DATE <u>9-15-03</u>	OWNER <u>Same</u>
TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR		RIG NAME/NO. <u>Discovery</u>	SHIPPED VIA <u>105</u>	DELIVERED TO <u>SW Rig</u>	ORDER NO.	
WELL TYPE <u>oil</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>Surface</u>		WELL PERMIT NO.	WELL LOCATION		
REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE	105				2.50	75.00
576					Pump charge	1	SA	223	FT		550.00
325					STO Correct	150	SKS			7.00	1050.00
279					del	3	SKS			11.00	33.00
278					Calcium chloride	4	SKS			25.00	100.00
581					Bulk Service charge	150				1.00	150.00
583					Drayage	220	80	T.M		85	187.68

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 9-15-03 TIME SIGNED 5:30 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	AMOUNT
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				2145	68
WE UNDERSTOOD AND MET YOUR NEEDS?					
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TAX	62.70
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	2208.38
<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.

APPROVAL

Thank You!

SWIFT Services, Inc. ORIGINAL

DATE 9-15-03 PAGE NO. 7

WELL NO. 1-17

LEASE Bolling

JOB TYPE Surface

TICKET NO. 5713

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1715							on loc T.D. 224
	1730		36 13.2					Run 223' 20# 8 5/8 CS6 CMT w/ 150 SKS STD 2% Gal, 3% CC DISP w/ 13.2 BBL water
	1825							shut in CSG CMT DID CIRC P.T
	1900							Job Complete

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CHARGE TO:
DOWDYG - NELSON
 ADDRESS
 CITY, STATE, ZIP CODE

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TICKET
 No. 5899

PAGE 1 OF 2

ORIGINAL

SERVICE LOCATIONS NESS CITY, KS	WELL/PROJECT NO. 1-17	LEASE BOLLEG	COUNTY/PARISH TREGO	STATE Ks	CITY	DATE 9-22-03	OWNER SAME
TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR DISCOVERY DRILLING	RIG NAME/NO.	SHIPPED VIA CT	DELIVERED TO LOCATION	ORDER NO.	WELL LOCATION R23A - OLD 40, 2 1/2 S, 1 1/4 W	
WELL TYPE 02	WELL CATEGORY DEVELOPMENT	JOB PURPOSE 5 1/2" 2-STAGE LONGSTRING	WELL PERMIT NO.	INVOICE INSTRUCTIONS			

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE #104	30	ME			2.50	75.00
579		1			PUMP SERVICE - 2 STAGE	1	JOB	3978	FT	1500.00	1500.00
221		1			LITQUAD VCL	2	GAL			19.00	38.00
281		1			MUD FLUSH	500	GAL			.60	300.00
407		1			BITSET FLOOR SHOE W/ FEEL UP	1	SA	5 1/2	"	230.00	230.00
402		1			CENTRALIZES	6	SA			44.00	264.00
403		1			CONCRETE BASKET	1	SA			125.00	125.00
408		1			DV TOOL - PLUG SET TOP # 60	1	SA	1581	FT	2150.00	2150.00
193		1			ROTATING HEAD	1	JOB			150.00	150.00

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 *Thomas Nelson*
 DATE SIGNED **9-22-03** TIME SIGNED **2230** 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 #1	4832.00
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				#1	4632.00
WE UNDERSTOOD AND MET YOUR NEEDS?				#2	4119.75
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				TAX	8951.75
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					350.83
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	9302.58
<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 *WAWC Wilson* APPROVAL

Thank You!



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

TICKET CONTINUATION

TICKET No. 5899

CUSTOMER **DOWNING & NELSON** WELL **BOLIG 1-17** DATE **9-22-03** PAGE **2** OF **2**

ORIGINAL

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL		DATE		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY	UM	QTY	UM		
325		1				STANDARD CONCT	150	SKS			7.00	1050.00
330		1				SWIFT MULTI-DENSITY STANDARD	180	SKS			9.75	1755.00
276		1				FLOCLE	83	UBS			1.90	741.70
284		1				CALSSAL	7	SKS			25.00	175.00
283		1				SALT	750	UBS			1.15	112.50
285		1				CFR-1	71	UBS			2.75	195.25
581						SERVICE CHARGE						
583						MILEAGE CHARGE						
						TOTAL WEIGHT	330				1.00	330.00
						LOADED MILES	502.71				1.85	427.30
						TON MILES						

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CONTINUATION TOTAL **4119.75**

CUSTOMER: Downing - Nelson WELL NO.: 1-17 LEASE: BOLLIG JOB TYPE: 5 1/2" 2-STAGE LGS TICKET NO.: 5899

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2130							ON LOCATION
	2330							START 5 1/2" CASING WELL
								TD - 3981 SET e 3978
								TP - 3978 5 1/2 #/FT 14
								ST - 15.65
								CENTRALIZER - 1, 3, 5, 7, 9, 59
								CMT BSKT - P2W #60
								DV TOOL e 1581' TOP JT # 60
	0100							DROP BALL - COLLARE WELL ROTATE
	0135	6 1/2	12		✓	400		PUMP MUD FLUSH "
	0137	6 1/2	20		✓	400		PUMP KCL FLUSH "
	0145	5 1/2	36		✓			MIX CEMENT - 150 SKS SA2 "
	0150							WASH OUT PUMP - LINES
	0151							DROP 1 ST STAGE SHUT OFF PLUG
	0152	6 1/2	0		✓	900 ^{nom}		DISPLACE PLUG e 87 BBS SHUTOFF - ROTATE
	0208		96.7			1250		PLUG DOWN
	0210							OK RELEASE PSE - HELD
	0212							DROP DV OPENING PLUG
	0230		2		✓	1200		OPEN DV TOOL - BREAK COLLATION
	0232							PLUG RH - MH
	0238	5 1/2	100		✓	300		MIX CEMENT - 180 SKS SMC
								WASH OUT PUMP - LINES
	0258							DROP DV CLOSING PLUG RECEIVED
	0300	6	0		✓	500 ^{nom}		DISPLACE PLUG
	0307		38.6			700		PLUG DOWN MAR 22 2004
	0307					1500		PSE-UP CLOSE DV TOOL KCC WICHITA
	0310							RELEASE PSE - HELD
								COLLATION 30 SKS CEMENT TO POT
								WASH UP
	0400							JOB COMPLETE

THANK YOU
WAYNE DUSTY SHADE