

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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) 621-2610
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>05/23/05</u>	<u>05/29/05</u>	<u>05/30/05</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 195-22, 292-00-00
County: Trego
_____ SW Sec. 10 Twp. 13 S. R. 16 East West
810 feet from S / N (circle one) Line of Section
1060 feet from E / N (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Keller Well #: 1-4
Field Name: Wildcat

Producing Formation: Arbuckle
Elevation: Ground: 2208 Kelly Bushing: 2216
Total Depth: 4008 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 222.29 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1585 Feet
If Alternate II completion, cement circulated from 1585
feet depth to 0 w/ 150 sx cmt.
Alt 2 - Dlg - 10/22/08

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 12,000 ppm Fluid volume 300 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: [Signature]
Title: VP Date: 3-21-06
Subscribed and sworn to before me this 21 day of March
20 06.
Notary Public: Michelle L Meier
Date Commission Expires: 7/28/09

KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
RECEIVED
MAR 22 2006
KCC WICHITA

MICHELE L. MEIER
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 7/28/09

Operator Name: DOWNING-NELSON OIL COMPANY, INC Lease Name: KELLER Well # 1-4
 Sec. 10 Twp. 14 S. R. 16 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> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: SONIC, MICRO, COMPENSATED DENSITY/ NEUTRON & DUAL INDUCTION	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>TOP ANHYDRITE</td> <td>1624</td> <td>+592</td> </tr> <tr> <td>BASE ANHYDRITE</td> <td>1670</td> <td>+546</td> </tr> <tr> <td>TOPEKA</td> <td>3264</td> <td>-1051</td> </tr> <tr> <td>HEEBNER</td> <td>3401</td> <td>-1278</td> </tr> <tr> <td>TORONTO</td> <td>3510</td> <td>-1297</td> </tr> <tr> <td>LKC</td> <td>3525</td> <td>-1312</td> </tr> <tr> <td>BKC</td> <td>3768</td> <td>-1555</td> </tr> <tr> <td>MARMATON</td> <td>3843</td> <td>-1630</td> </tr> </table>	Name	Top	Datum	TOP ANHYDRITE	1624	+592	BASE ANHYDRITE	1670	+546	TOPEKA	3264	-1051	HEEBNER	3401	-1278	TORONTO	3510	-1297	LKC	3525	-1312	BKC	3768	-1555	MARMATON	3843	-1630
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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	12 1/4"	8 5/8"	23	222.29	COMMON	150	2% GEL & 3% CC
PRODUCTION	7 7/8	5 1/2	14	4007.18	EA/2	175	
			PORT COLLAR	@ 1585			

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
..... Perforate				
..... Protect Casing				
..... Plug Back TD				
..... 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' TO 3950'	3000 GALLONS 15% NE-FE ACID	
4	3936' TO 3940'	250 GAL. OF 15% MUD ACID	3528'
	BRIDGE PLUG AT 3895' CIBP	250 GAL. OF 15% MUD ACID	3400'

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 3/8	3895'		

Date of First, Resumerd Production, SWD or Enhr. 07/10/2005	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	5	0	15		35

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, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	

KELLER #1-4
810' FSL and 1060' FWL
Section 4-13S-21W
Trego County, Kansas

COMPLETION

- 6-27-05 Ran Correlation Bond Log with Portable Mast. Cement job looks fair. Loggers TD-4009'.
- 7-1-05 Moved in KC Well Service Double Drum and rigged up. Swabbed casing down to 3500'. Perforated Arbuckle from 3944' to 3950' and 3936' to 3940' with 4 shots per ft. Expendable. Good show of oil in top gun. Swabbed well down to bottom. 50' oil on top and a good show of oil in each pull to bottom.
- 7-2-05 through 7-4-05 Shut Down.
- 7-5-05 Ran Casing Swab. Fluid at 3400'- 550' fillup. Made one pull of 300' all oil. Clean and gassy. Ran 5 1/2" Packer on 2 3/8" Upset Tubing with 1 joint of tailpipe. Bottom of tailpipe at 3960'. Left Packer swinging at 3925'.
- 7-6-05 Fluid at 2950'- 1000' fillup. Top 500' oil and bottom water (50%). Swabbed down to 3500' and went to all oil and clean. Swabbed steady. Got down to 180' per pull. Swab Down- 13 Bbl. Tagged fluid at 3500'. Bottom of tailpipe is now at 3940'. Spotted 500 gal. 15% Mud Acid over the perforations. Set Packer at 3903'. Staged in 2 Bbl. at 300#. Getting tighter and tighter. Increased to 500# and got 1/2 Bbl. In. Increased to 600# and got another 1/2 Bbl. In formation. Increased to 800# and got another 1/2 Bbl. in formation. Still getting tighter and tighter. Went to 900# and got another 1/2 Bbl. In. Total acid in formation- 4 Bbl. Began feeding at 1/4 BPM at 975#. Slowly began breaking. After 2.5 Bbl. In we were at 350#. ISIP- 300#. Vacuum in 1 minute. Total Load- 23 Bbl. Let set 15 min. and swab load back. 4th pull we had about 10% oil. Fluid then changed to water and hitting fluid at 1400' for 3 pulls and then began going down. Finally got to bottom with swab and began seeing some oil. 2nd pull off bottom was 23% Oil. Swabbed steady hitting fluid at 2700' every pull and oil percent getting less and less. Down to 1%. Swabbed back a total of 75 Bbl.
- 7-7-05 Hooked up to Treat Arbuckle with 3000 gal. 15% NE-FE Acid. First 60 Bbl. at 4 BPM at 1650#. Increased to 4.5 BPM at 1750# to 1800#. Flushed with 80 Bbl. Of Salt Water. Total Load- 151.5Bbl. ISIP- 800#. 400# in 1 minute. 4 minutes to vacuum. Fluid was 1125' from surface at the start of swab down. At 2:15 Pm had swabbed back 112 Bbl. Broke air line on Sand Line Drum. Had to get it repaired.
- 7-8-05 Swabbed back 50 Bbl. and tore down and moved off.

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MAR 22 2006

KCC WICHITA

ALLIED CEMENTING CO., INC. 16180

Federal Tax I.D.#

EMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
2

DATE <u>5-23-06</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START <u>3:00 PM</u>	JOB FINISH <u>3:30 PM</u>
EASE <u>KELLER</u>		WELL #		LOCATION <u>RICA ELEV. 1W 1/2S</u>		COUNTY <u>TRICO</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)				<u>ETPL</u>			

CONTRACTOR DISCOVERY #1

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 223

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. 10-15'

PERFS.

DISPLACEMENT 13 1/4

OWNER

CEMENT

AMOUNT ORDERED 150 COM 3F2

EQUIPMENT

PUMP TRUCK CEMENTER MARK

177 HELPER CRAIG

BULK TRUCK

396 DRIVER FRED

BULK TRUCK

DRIVER

COMMON	<u>150</u>	@	<u>8⁷⁵</u>	<u>1305⁰⁰</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>14⁰⁰</u>	<u>42⁰⁰</u>
CHLORIDE	<u>5</u>	@	<u>38⁰⁰</u>	<u>190⁰⁰</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>158</u>	@	<u>1⁶⁰</u>	<u>252⁸⁰</u>
MILEAGE	<u>64/SK/MILE</u>			<u>502.44</u>
TOTAL				<u>2292.24</u>

REMARKS:

CEMENT CIRC

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>670⁰⁰</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>53</u>	@	<u>5⁰⁰</u> <u>265⁰⁰</u>
		@	
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MAR 22 2006			
KCC WICHITA			TOTAL <u>935⁰⁰</u>

CHARGE TO: DOWNING - NELSON

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

MANIFOLD		@	
<u>8 5/8</u>	<u>WOOD</u>	@	<u>55⁰⁰</u>
		@	



CHARGE TO: Dunning - Nelson
 ADDRESS:
 CITY, STATE, ZIP CODE:

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 KCC WICHITA
 TICKET No 8010
 PAGE 1 OF 2

SERVICE LOCATIONS 1. <u>M/S 15</u>	WELL/PROJECT NO. <u>157</u>	LEASE <u>Erwin-Kueger</u>	COUNTY/PARISH <u>Texas</u>	STATE <u>TX</u>	CITY	DATE <u>05-31-05</u>	OWNER
2. <u>NESS CITY, KS</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO. <u>Dunning Oak Rig 2</u>	SHIPPED VIA <u>C-7</u>	DELIVERED TO <u>651 W. 15th St. S. Bldg. 209</u>	ORDER NO. <u>15</u>	
3.	WELL TYPE <u>Oil</u>	WELL CATEGORY <u>Dev/Exp</u>	JOB PURPOSE <u>2-Stage Completion</u>	WELL PERMIT NO. <u>15-195-22287-00-00</u>	WELL LOCATION <u>S9, T11, R21W</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	40	mi			4.00	160	00
579		1			Hand Service	1	cs	4160	ft	11.00	1,600	00
221		1			KEL	4	GAL			2.50	100	00
281		1			Mud Flush	500	GAL			.75	375	00
290		1			D-Air	3	GAL			8.00	24	00
402		1			Controlizers	8	EA	5 1/2	in	55.00	440	00
403		1			Basket	1	EA			155.00	155	00
407		1			Insert Flex Shock/Auto Fill	1	EA			230.00	230	00
408		1			D.V. Tool & Plug Set	1	EA			2,500.00	2,500	00
417		1			D.V. Letels Down Plug & Packer	1	EA			200.00	200	00
419		1			Rotating Head Rental	1	cs			200.00	200	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 10711
 DATE SIGNED 05-31-05 TIME SIGNED 10:00
 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		
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				Pg-1	5981 00
WE UNDERSTOOD AND MET YOUR NEEDS?				Pg-2	4828 62
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				Total	10,812 62
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TAX	
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	
<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.

SWIFT OPERATOR DAVE ASH APPROVAL

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 05-21-05 PAGE NO. 1

CUSTOMER *D. Williams - Nelson* WELL NO. *1-9* LEASE *Erwin-Kroeger* JOB TYPE *5 1/2" - 2" Stage 6.5* TICKET NO. *8010*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1000							DUPLICATE WORKING DOWN 2" DISCONNECT TUBING CMT 11/10/05 15000 EA 2 CMT Top Stage 11050 500 CMT 5 1/2" cas TD 4110, TD 4125, 50T, 51. CMT 1.157 2.142 59 P. 100 60 D.V. Tool 1623 FT Joint Joint # 60
	1230							Start CSG at 1623
	1410							Drop Ball
	1420							Production at 1420
	1450	4.5	0		✓		200	Start 11/10/05 5000
			12		✓			Start HCL
			32		✓			and Fluoride
	1500	5.2	0		✓		300	Start EA 2 CMT
			37		✓			and CMT
	1507							WASH PL. Drop Bottom Plug
	1510	6.0	0		✓		200	Start Drop w/ H2O
			61		✓		500	
			61		✓		500	Start Muck Up
			85		✓		700	Start Retention
	1523		3 1/2 100.0		✓		1100	Lead Plug - Polars - Plug 124774
	1530							Drop D.V. opening Plug
	1550	7.0	0		✓		1100	Open D.V.
		4.5	0		✓			Start Fluoride
			20		✓			
	1551	5.0	0		✓		100	Start semi cement
		50	50		✓		200	
		50	70		✓		350	
		50	102		✓		450	CMT CMT
								WASH PL. Start Top Chasing Plug
	1612	5.0	0		✓		0	Start Drop w/ H2O
		50	21		✓		400	CMT CMT to bit 10.50
	1625	28.4	5.0		✓		1500	Lead Plug Close D.V.
	1627							WASH PL.
								WASH PL.
								WASH PL.
								WASH PL.
	1720							Tool CMT to bit THANK YOU! J. J. Williams, Rob, Russ

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KCC WICHITA



CHARGE TO: Darlene Nelson
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

TICKET
 No 8470

PAGE 1 OF 1

1. SERVICE LOCATIONS <u>HAT 3/15</u>	WELL/PROJECT NO. <u>1-4</u>	LEASE <u>Keitar</u>	COUNTY/PARISH <u>Trego</u>	STATE <u>KS</u>	CITY	DATE <u>07-29-05</u>	OWNER
2. <u>N. C. 1/11</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO. <u>KEW 4 2000</u>	SHIPPED VIA <u>CST</u>	DELIVERED TO <u>Keitar, Trego, KS</u>	ORDER NO.	
3.	WELL TYPE <u>Oil</u>	WELL CATEGORY <u>Drilling</u>	JOB PURPOSE <u>CMT Packer</u>	WELL PERMIT NO.	WELL LOCATION		
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 #105	40				4.00	160.00	
575		1			Drilling	1				1250.00	1250.00	
230		2			20% Commit	110				10.50	1155.00	
276		2			Flack	45				1.00	45.00	
51		2			Service Charge CMT	130				1.10	143.00	
513		2			Drilling	359.46				1.00	359.46	
101		1			Keitar - Trego	1		5/		20.00	20.00	

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 KCC WICHITA

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

X _____
 DATE SIGNED 07-29-05 TIME SIGNED 1:00 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	<u>3912</u>	<u>46</u>
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		
ARE YOU SATISFIED WITH OUR SERVICE?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			TOTAL		
<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.

SWIFT OPERATOR Dave Ash APPROVAL _____

Thank You!

