

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 30717
 Name: DOWNING-NELSON OIL CO., INC.
 Address: P.O. Box 372
Hays, KS 67601
 Purchaser: NCRA
 Operator Contact Person: Ronald Nelson
 Phone: (785) 628-3449
 Contractor: Name: Discovery Drilling Co., Inc.
 License: 31548
 Wellsite Geologist: Ronald 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. _____
4/1/02 4/9/02 4/10/02
 Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 193-20,682-0000
 County: Thomas
100' S & 50' W of
 NE SW NW Sec. 15 Twp. 10 S. R. 31 W East West
1750 feet from / (circle one) Line of Section
940 feet from / (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Maurath "A" Well #: 1-15
 Field Name: Wildcat
 Producing Formation: LKC
 Elevation: Ground: 3003 Kelly Bushing: 3011
 Total Depth: 4720 Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at 222.25 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set 2544 Feet
 If Alternate II completion, cement circulated from 2544
 feet depth to surface w/ 325 ex cmt.
 Drilling Fluid Management Plan All in EOL 3-26-03
 (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.: _____

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MAR 21 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: Ron Nelson Date: 3-21-03
 Subscribed and sworn to before me this 21st day of March
2003
 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

NOTARY PUBLIC - State of Kansas
JESSICA R. BASGALL
My Appt. Exp. 6-17-06

Operator Name: DOWNING-NELSON OIL CO., INC. Lease Name: Maurath Well #: 1-15
 Sec. 15 Twp. 10 S. R. 31W East West County: Thomas

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: <u>ELI Wireline-Dual Induction, Density-Neutron, Micro, Sonic</u>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Anhydrite</td> <td>2584</td> <td>+427</td> </tr> <tr> <td>Heebner</td> <td>4015</td> <td>-1004</td> </tr> <tr> <td>LKC</td> <td>4055</td> <td>-1044</td> </tr> <tr> <td>BKC</td> <td>4335</td> <td>-1324</td> </tr> <tr> <td>Pawnee</td> <td>4456</td> <td>-1445</td> </tr> <tr> <td>Fort Scott</td> <td>4522</td> <td>-1511</td> </tr> <tr> <td>Cherokee Shale</td> <td>4550</td> <td>-1539</td> </tr> <tr> <td>Johnson Zone</td> <td>4596</td> <td>-1585</td> </tr> <tr> <td>Rework Miss</td> <td>4631</td> <td>-1620</td> </tr> <tr> <td>Mississippi</td> <td>4668</td> <td>-1657</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Anhydrite	2584	+427	Heebner	4015	-1004	LKC	4055	-1044	BKC	4335	-1324	Pawnee	4456	-1445	Fort Scott	4522	-1511	Cherokee Shale	4550	-1539	Johnson Zone	4596	-1585	Rework Miss	4631	-1620	Mississippi	4668	-1657
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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 Pipe	12 1/4	8 5/8	20	222.25	Common	150	2%Gel&3%CC
Production St.	7 7/8	4 1/2	10.5	4707.50	SMDC	150	
Port Collar @				2544			

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
	2	4325-4331	500g 15% NE-FE		
			2250g 15% NE-FE		same

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8	4650	none	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.			Producing Method		
5-10-02			<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
	15	0	5	NA	35

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval



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

TICKET No 4552

PAGE 1 OF 1

SERVICE LOCATIONS: 1. *Area City, B*
 WELL/PROJECT NO.: *1-15*
 LEASE: *Maurath B*
 COUNTY/PARISH: *Thomas*
 STATE: *Ks*
 CITY:
 DATE: *4-25-02*
 OWNER: *Sime*
 TICKET TYPE: SERVICE SALES
 CONTRACTOR: *Randy's Well Serv*
 RIG NAME/NO.:
 SHIPPED VIA: *CIT*
 DELIVERED TO: *Location*
 ORDER NO.:
 WELL TYPE: *Oil*
 WELL CATEGORY: *Development*
 JOB PURPOSE: *Connect Then Port Collar*
 WELL PERMIT NO.:
 WELL LOCATION: *Sec 15-10^s-31^w*
 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	60	mil			2	50	150	00	
578		1			Pump Service	1	hrs			1,200	00	1,200	00	
288		1			Sand	1	sk			10	00	10	00	
581		1			Service Charge	325	sk			1	00	325	00	
583		1			Crayage	966.9	Ton mile			75		725	18	
330		1			S.M.D.C	230	sk			9	50	2,185	00	
276		1			Flocele	90	#			90		81	00	
104		1			P.C. Opening Tool	1	kg			250		250	00	
RECEIVED														
MAR 21 2003														
KCC WICHITA														

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	TAX	TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				4,926		18
WE UNDERSTOOD AND MET YOUR NEEDS?						
OUR SERVICE WAS PERFORMED WITHOUT DELAY?						
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					123	77
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO						
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND						
						5049
						95

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

SWIFT OPERATOR: *Wayne B. Glab*

APPROVAL: _____

Thank You!

JOB LOG

SWIFT Services, Inc. ORIGINAL

DATE **4-25-02** PAGE NO. **7**

CUSTOMER **DeWaring & Nelson** WELL NO. **1-15** LEASE **Mauvath B** JOB TYPE **Chk. Port Collar** TICKET NO. **4552**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	F. S.		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	09:30							On loc. set up truck Rig heading hole out of sand tank Plug set @ 3765'
	10:15							Test Plug to 1200 psi held spot 1sk sand on Plug
	10:45							Pull up to find Port Collar Relocated hole. open Port Collar
		2				300		Pump @ 2 BPM 300 psi Blower Braden head Start Mixing 325sk smdc 1/4" floccle
	12:20		129 9					amt. circulated to surface start Displacement close Port collar
						1,200		Press. to 1,200 psi holding Run 10 Jts. tubing Reverse out short way Hole clean Run in to circ.
	12:50							sand off Plug circ sand out of hole Jts Complete
	13:40							
	1400							

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MAR 21 2003
KGC WICHITA

Frank Tom
log



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

TICKET No. **4341**

PAGE 1 OF 2

1. SERVICE LOCATIONS NESS CITY, KS	WELL/PROJECT NO. 1-15	LEASE MAURATH "B"	COUNTY/PARISH THOMAS	STATE Ks	CITY	DATE 4-10-02	OWNER SAME
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR DISCOVERY DRILLING	RIG NAME/NO.	SHIPPED VIA CT	DELIVERED TO LOARDON	ORDER NO.	
3.	WELL TYPE OIL	WELL CATEGORY DEVELOPMENT	JOB PURPOSE 4 1/2" LOGGING	WELL PERMIT NO.	WELL LOCATION CAMUS - E70, S2, 2W, 1/4S, E8		
4. 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		1			MILEAGE # 104	60	ME			2.50	150.00
578		1			PUMP SERVICE	1	JOB	4707	PT	1200.00	1200.00
281		1			MUD FLUSH	500	GA			.50	250.00
400		1			GUIDE SHOE	1	EA	4 1/2"		65.00	65.00
401		1			WISSET FLOAT VALVE w/FALOP	1	EA			95.00	95.00
402		1			CENTRALIZERS	5	EA			30.00	150.00
403		1			CEMENT BASKET	1	EA			100.00	100.00
404		1			PORT COLLAR & 2544'	1	EA			1300.00	1300.00
410		1			TOP PLUG	1	EA			35.00	35.00
RECEIVED MAR 21 2003 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 *10m*
 DATE SIGNED: **4-10-02** TIME SIGNED: **0800**
 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?				*1	3345.00
WE UNDERSTOOD AND MET YOUR NEEDS?				*2	2339.90
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				TAX	5684.90
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					188.39
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	5873.29
<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 4-10-02 PAGE NO. 1

OPERATOR: **LOWLING & NELSON** WELL NO.: **1-15** LEASE: **MAJRA "B"** JOB TYPE: **4 1/2" LOGGING** TICKET NO.: **4341**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBD) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0430							OK LOCATED
	0730							START 4 1/2" CASING IN WELL
								TD - 4720' 4 1/2" #/FT - 10.5
								ID - 4707.50 SET @ 4707
								SI - 42.98
								CONTRACTORS - 1, 5, 7, 11, 50
								BASKET - 51
								PORT COLLAR @ 2544' TOP JT # 51
	0940							DROP BALL - BREAK CIRCULATION - ROTATE
	1010							PLUG RAFFOLE - MUSEHOLE
	1015	6	12		✓		400	PUMP MUDFLUSH
	1020	6	51.3		✓		350	MIX CONCRT - 150 SLS SMC W/ADDTIVES @ 13PPG
	1032							WASH OUT PUMP - LINES
	1033							RELEASE TOP PLUG
	1037	7	0		✓		300	DISPLACE PLUG
			60				800	STOP ROTATE CASING
	1048		74.2				1200	PLUG DOWN
	1050							RELEASE PSE
								RECEIVED OK FLOAT HELD
								MAR 21 2003
								KCC WICHITA
	1130							JOB COMPLETE
								THANK YOU
								WAYNE, JUSTY, SHAJE

ALLIED CEMENTING CO., INC. 09321

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

ORIGINAL
SERVICE POINT
OAKLEY

DATE <u>4-1-02</u>	SEC. <u>15</u>	TWP. <u>10S</u>	RANGE <u>31W</u>	CALLED OUT	ON LOCATION <u>3:30 PM</u>	JOB START <u>4:30 AM</u>	JOB FINISH <u>5:00 PM</u>
LEASE <u>MAURATHA</u>	WELL # <u>1-15</u>	LOCATION <u>CAMPUS 5N-2W-1/4S</u>			COUNTY <u>THOMAS</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR DISCOVERY DRG. 1

TYPE OF JOB SURFACE

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

CASING SIZE 8 7/8" 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 1/4 BBL.

OWNER SAME

CEMENT AMOUNT ORDERED

150 SKS COM 3% CC 2% GEL

EQUIPMENT

PUMP TRUCK # 300 CEMENTER TERRY
HELPER WAYNE

BULK TRUCK # 315 DRIVER LONNIE

BULK TRUCK # DRIVER

COMMON	<u>150 SKS</u>	@	<u>7 85</u>	<u>1177 50</u>
POZMIX		@		
GEL	<u>3 SKS</u>	@	<u>10 00</u>	<u>30 00</u>
CHLORIDE	<u>5 SKS</u>	@	<u>30 00</u>	<u>150 00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>158 SKS</u>	@	<u>1 10</u>	<u>173 80</u>
MILEAGE	<u>044 PER SK / MILE</u>			<u>100 00</u>
	<u>MINI CHARGE</u>			
TOTAL				<u>1631 30</u>

REMARKS:

CEMENT DEN CERC.

RECEIVED

MAR 21 2003

KCG WICHITA

SERVICE

DEPTH OF JOB	<u>223'</u>
PUMP TRUCK CHARGE	<u>520 00</u>
EXTRA FOOTAGE	@
MILEAGE	<u>10 MI</u> @ <u>3 00</u> = <u>30 00</u>
PLUG	<u>8 7/8 SURFACE</u> @ <u>45 00</u>
	@
	@
TOTAL	<u>595 00</u>

THANK YOU

CHARGE TO: DOWNING & NELSON OILCO, INC.

STREET _____

CITY _____ STATE _____ ZIP _____

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 indicated.