

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

OPERATOR: License # 30717
Name: Downing Nelson Oil Co., Inc.
Address 1: PO Box 372
Address 2: _____
City: Hays State: KS Zip: 67601 + _____
Contact Person: Ron Nelson
Phone: (785) 621-2610
CONTRACTOR: License # 31548
Name: Discovery Drilling Co., Inc.
Wellsite Geologist: Ron Nelson
Purchaser: Coffeyville Resources
Designate Type of Completion:
 New Well _____ Re-Entry _____ Workover
 Oil _____ SWD _____ SIOW
_____ Gas _____ ENHR _____ SIGW
_____ CM (Coal Bed Methane) _____ Temp. Abd.
_____ 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. _____ Conv. to SWD
_____ Plug Back: _____ Plug Back Total Depth
_____ Commingled _____ Docket No.: _____
_____ Dual Completion _____ Docket No.: _____
_____ Other (SWD or Enhr.?) _____ Docket No.: _____
07/01/09 07/06/09 07/07/09
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 195-22,615-00-00
Spot Description: _____
_____ SE SE SE Sec. 23 Twp. 13 S. R. 22 East West
335 Feet from North / South Line of Section
335 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Trego
Lease Name: RS Well #: 1-23
Field Name: Wildcat
Producing Formation: Cherokee
Elevation: Ground: 2235' Kelly Bushing: 2243'
Total Depth: 4150' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 220.04 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 1663 Feet
If Alternate II completion, cement circulated from: 1663
feet depth to: Surface w/ 200sks sx cmt.

Drilling Fluid Management Plan A11 II NR 10-5-09
(Data must be collected from the Reserve Pit)
Chloride content: 14,000 ppm Fluid volume: 240 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: Vice President Date: 09/16/09
Subscribed and sworn to before me this 16th day of September,
20 09.
Notary Public: [Signature]
Date Commission Expires: 7/28/13

MICHELE L. MEIER
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 7/28/13

KCC Office Use ONLY
N Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received **RECEIVED**
 Geologist Report Received **KANSAS CORPORATION COMMISSION**
UIC Distribution
SEP 17 2009

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Downing Nelson Oil Co., Inc. Lease Name: RS Well #: 1-23
 Sec. 23 Twp. 13 S. R. 22 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 checked="" type="checkbox"/> Yes <input 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: Micro, Sonic, Dual Induction and Compensated Density Neutron	<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:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Top Anhydrite</td> <td>1668'</td> <td>+579</td> </tr> <tr> <td>Base Anhydrite</td> <td>1710'</td> <td>+537</td> </tr> <tr> <td>Topeka</td> <td>3328'</td> <td>-1081</td> </tr> <tr> <td>Heebner</td> <td>3558'</td> <td>-1311</td> </tr> <tr> <td>Toronto</td> <td>3586'</td> <td>-1339</td> </tr> <tr> <td>LKC</td> <td>3590'</td> <td>-1343</td> </tr> <tr> <td>BKC</td> <td>3839'</td> <td>-1592</td> </tr> </table>	Name	Top	Datum	Top Anhydrite	1668'	+579	Base Anhydrite	1710'	+537	Topeka	3328'	-1081	Heebner	3558'	-1311	Toronto	3586'	-1339	LKC	3590'	-1343	BKC	3839'	-1592
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CASING RECORD <input type="checkbox"/> New <input checked="" 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	220.44	Common	150	2% Gel & 3% CC
Production St.	7 7/8	5.5	14	4150.04	EA/2	150	
			DV Tool @	1663'	SMDC	200	

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	4016' - 4020'	250 gal. 15% INS Acid with FE & 3% Mutual Solvent	4016' - 4020'
4	3772' - 3775'	500 gal. 7.5% Double FE with Xylene	4016' - 4020'
4	3734' - 3736'	1500 gal. 7.5% INS with 3% Mutual Solvent	4016' - 4020'
4	3689' - 3692'	250 gal. 15% Mud Acid	3734' - 3736'
		250 gal. 15% Mud Acid	3689' - 3692'

TUBING RECORD:	Size: <u>2 3/8"</u>	Set At: <u>4089.63</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First. Resumed Production, SWD or Enhr. <u>08/14/09</u>		Producing Method: <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. <u>38</u>	Gas Mcf <u>0</u>	Water Bbls. <u>10</u>	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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SWIFT Services, Inc.

Willing & Nelson WELL NO. #1-23 LEASE RS JOB TYPE 2-stage TICKET NO. 16082

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1645							on loc w/FE
								RTD 4150'
								5 1/2" x 14" x 4150' x 21
								Cent. 1, 3, 5, 7, 9, 11, 59
								Back, 60
								D.V. 60 @ 1663'
	1730							start FE
	1905							Break Circ.
	1925	4	0			200		Start Pref. 500 gal Mud flush, 20 gal KCL flush
	1933	6.5	32/0			250		Start Cement 150 sks EA-2
	1940		36					End Cement
								Wash Pck / Drop L.D. Plug
	1944	6.5	0			150		start displacement w/ tr
	1955	6.5	64			150		mud
	1955	5	68			250		Catch Cement
	2000		100			650/1400		Load Plug
								Release pressure & Hold
	2001							Drop Opening Plug
	2003	2.5	7/4					Plug BH & MH 50 sks EA-2
	2010					1100		Open DV
	2011	4.5	0					Start KCL Flush
	2016	6.5	20/0			100		start Cent 150 sks SMD
	2032		900					End Cement
								Drop Closing Plug
	2035	6	0			100		Start Displacement
	2038	4	20			125		Circ Cement
	2043		40			400/1500		Load Plug
								Close DV
								Release pressure / DV closed
								circ 40 sks to pit
								Thank you
								Nick, Josh F & Rob

RECEIVED
KANSAS CORPORATION COMMISSION

SEP 17 2009

CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., LLC. 038436

PO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: R

DATE <u>7-1-09</u>	SEC. <u>23</u>	TWP. <u>13</u>	RANGE <u>22w</u>	CALLED OUT	ON LOCATION	JOB START <u>7:45 AM</u>	JOB FINISH <u>2:00 PM</u>
LEASE <u>RS</u>	WELL # <u>1-23</u>		LOCATION <u>OGALLALA 6S 3/4 E</u>			COUNTY <u>TREGO</u>	STATE <u>KS</u>
OLD OR <input checked="" type="radio"/> NEW (Circle one)			<u>MENTO</u>				

CONTRACTOR DISCOVERY 3

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 221

CASING SIZE 8 7/8 DEPTH 220

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 10-15'

PERFS. _____

DISPLACEMENT 13 BBL

OWNER _____

CEMENT

AMOUNT ORDERED 150 Com 3%cc

2% GEL

COMMON <u>150</u>	@ <u>13.50</u>	<u>2025.00</u>
POZMIX _____	@ _____	_____
GEL <u>3</u>	@ <u>20.25</u>	<u>60.75</u>
CHLORIDE <u>5</u>	@ <u>51.50</u>	<u>257.50</u>
ASC _____	@ _____	_____

EQUIPMENT

PUMP TRUCK	CEMENTER <u>MARK</u>
# <u>409</u>	HELPER <u>SHANE</u>
BULK TRUCK	
# <u>410</u>	DRIVER <u>CHRIS H</u>
BULK TRUCK	
# _____	DRIVER _____

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@ SEP 17 2009

@ CONSERVATION DIVISION
WICHITA, KS

HANDLING <u>150</u>	@ <u>2.25</u>	<u>337.50</u>
MILEAGE <u>110/ste/price</u>		<u>375.00</u>
TOTAL		<u>3,055.7</u>

REMARKS:

CEMENT CURE

THANKS
/s/

CHARGE TO: DOWNING F NELSON

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB _____		
PUMP TRUCK CHARGE _____		<u>991.00</u>
EXTRA FOOTAGE _____	@ _____	_____
MILEAGE <u>25</u>	@ <u>7.00</u>	<u>175.00</u>
MANIFOLD _____	@ _____	_____
TOTAL		<u>1166.00</u>

PLUG & FLOAT EQUIPMENT

_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment

Downing & Nelson Oil Company
PO Box 372
Hays, KS 67601

API No. 195-22,615-00-00

RS #1-23

23-13s-22w

Continuation of Tops

Name	Top	Datum
Marmaton	3940'	-1693
Cherokee Shale	3984'	-1737
Cherokee Sand	4000'	-1753
Conglomerate Sand	4014'	-1767
Arbuckle	4090'	-1843

Continuation of Acid, Fracture, Shot, Cement Squeeze Record

Depth

750 gallons 15% NE ACID

3772' – 3775'

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