

ORIGINAL

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Form ACO-1
June 2009

JUL 29 2010

Form Must Be Typed
Form must be Signed
All blanks must be Filled

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

KCC WICHITA

OPERATOR: License # 30717
Name: Downing Nelson Oil Company, 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: Marc Downing
Purchaser: Coffeyville Resources

API No. 15 - 145-21,603-00-00
Spot Description: 30' N & 230' E of
NE_NW_SW Sec. 20 Twp. 20 S. R. 20 East West
2,340 Feet from North / South Line of Section
1,220 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Pawnee
Lease Name: Miller-Keller Unit Well #: 1-20

Field Name: Wildcat
Producing Formation: Mississippi
Elevation: Ground: 2204 Kelly Bushing: 2212
Total Depth: 4352 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 432.14 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 1362 Feet
If Alternate II completion, cement circulated from: 1362
feet depth to: Surface w/ 175 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 16,000 ppm Fluid volume: 240 bbls
Dewatering method used: Evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Permit #: _____

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., 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
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____
05/15/2010 05/20/2010 05/21/2010
Spud Date or Date Reached TD Completion Date or Recompletion Date

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.

AFFIDAVIT

I am the affiant and I hereby certify that 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: Ala Downing
Title: Vice President Date: 07/26/2010

KCC Office Use ONLY

Letter of Confidentiality Received
Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Dlg Date: 7-29-10

Operator Name: Downing Nelson Oil Company, Inc. Lease Name: Miller-Keller Unit Well #: 1-20
 Sec. 20 Twp. 20 S. R. 20 East West County: Pawnee

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 complete copy of all Electric Wire-line 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Dual Compensated Porosity, Sonic, Micro and 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>1393'</td> <td>+820</td> </tr> <tr> <td>Base Anyhdrite</td> <td>1420'</td> <td>+793</td> </tr> <tr> <td>Heebner</td> <td>3724'</td> <td>-1511</td> </tr> <tr> <td>Lansing</td> <td>3773'</td> <td>-1560</td> </tr> <tr> <td>Stark Shale</td> <td>4020'</td> <td>-1807</td> </tr> <tr> <td>BKC</td> <td>4088'</td> <td>-2049</td> </tr> <tr> <td>Fort Scott</td> <td>4262'</td> <td>-2049</td> </tr> </table>	Name	Top	Datum	Top Anhydrite	1393'	+820	Base Anyhdrite	1420'	+793	Heebner	3724'	-1511	Lansing	3773'	-1560	Stark Shale	4020'	-1807	BKC	4088'	-2049	Fort Scott	4262'	-2049
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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	23	432.14	Common	225	2% Gel & 3% CC
Production String	7 7/8	5 1/2	14	4346	EA/2	150	
			DV Tool @	1362	SMDC	175	

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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: <u>2 3/8"</u> Set At: <u>4306.04</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>06/30/10</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>70</u>	Gas Mcf <u>0</u>	Water Bbls. <u>0</u> Gas-Oil Ratio Gravity <u>40</u>

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 checked="" type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Downing & Nelson Oil Company
PO Box 372
Hays, KS 67601

API No. 15-145-21,603-00-00

Miller – Keller Unit #1-20

20-20s-20w

Continuation of Tops

Name	Top	Datum
Cherokee Shale	4290'	-2077
Mississippi	4345'	-2132

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KCC WICHITA

ALLIED CEMENTING CO., LLC. 041592

ADDRESS: P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Russell KS

DATE <u>5-16-10</u>	SEC. <u>20</u>	TWP. <u>20</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION	JOB START <u>3:30am</u>	JOB FINISH <u>4:00am</u>
LEASE <u>Miller-Keller Unit</u>	WELL # <u>1-20</u>		LOCATION <u>Alexander 11S 1W 5/8 South</u>		COUNTY <u>Pawnee</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>East into</u>				

CONTRACTOR Discovery Rig #4
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 432
 CASING SIZE 8 5/8 DEPTH 432
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 15'
 PERFS.
 DISPLACEMENT 26.5 RBL

EQUIPMENT

PUMP TRUCK CEMENTER John Roberts
 # 417 HELPER Shane
 BULK TRUCK
 # 410 DRIVER Heath
 BULK TRUCK
 # DRIVER

REMARKS:

Est. Circulation
Mix 225 sk cement
Displace w/ 26.5 Bbl
Cement Did Circulate!
Thank You!

CHARGE TO: Downing-Nelson
 STREET
 CITY STATE ZIP

OWNER

CEMENT
 AMOUNT ORDERED 225 com 37-cc 2% Gel

COMMON	<u>225</u>	@	<u>13.50</u>	<u>3037.50</u>
POZMIX		@		
GEL	<u>4</u>	@	<u>20.25</u>	<u>81.00</u>
CHLORIDE	<u>8</u>	@	<u>51.50</u>	<u>412.00</u>
ASC		@		

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<u>Rig Time - 650.00</u>	KCC WICHITA	<u>650.00</u>
	@	
	@	
	@	
	@	
HANDLING <u>225</u>	@	<u>2.25</u> <u>506.25</u>
MILEAGE <u>110/16/16</u>		<u>450.00</u>
		TOTAL <u>3836.75</u>

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		<u>991.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>20</u>	@	<u>7.00</u> <u>140.00</u>
MANIFOLD	@	
	@	
	@	

TOTAL 1151.00

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	

JOB LOG

SWIFT Services, Inc.

DATE 5-21-10 PAGE NO. 1

CUSTOMER Downing Nelson Oil WELL NO. 1-20 LEASE MILLER - KELLER UJET JOB TYPE 5 1/2" 2-STAGE LOGGING TICKET NO. 17859

CHART NO.	TIME	RATE (BPM)	VOLUME (BBLS) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1500							ON LOCATION
	1600							START 5 1/2" CASING IN WELL
								TD - 4352' SET 4347'
								TP - 4356' 5 1/2" 14
								ST - 22'
								CENTRALIZERS - 1, 3, 5, 7, 9, 11, 70
								CMT BSKT - 71
								DV TOOL = 1362' TOPT # 71
	1745				✓		1200	DROP BALL - CIRCULATE - SET PACKERSHOE
	1835	6	12		✓		500	PUMP 500 GAL MUD FLUSH
	1837	6	20		✓		500	PUMP 20 BBLS KCL - FLUSH
	1845	5	36		✓		300	MAX CEMENT - 150 SKS EA-2 = 15.5 PPG
	1853							WASH OUT PUMP - LEVES
	1855							RELEASE 1 ST STAGE CATCH DOWN PLUG
	1855	7	0		✓			DISPLACE PLUG
	1910	6 1/2	105.7				1500	PLUG DOWN - PSE UP WATCH IN PLUG
	1912						OK	RELEASE PSE - HELD
								RECEIVED
	1915							DROP DV OPENING PLUG
	1925				✓		1000	OPSD DV TOOL - CIRCULATE
								KCC WICHITA
	1926	6	20		✓		350	PUMP 20 BBLS KCL - FLUSH
	1932		7-4					PLUG RH - MH (30 SKS - 15 SKS)
	1938	5	97		✓		250	MAX CEMENT 175 SKS SMD = 11.2 PPG
	1953							WASH OUT PUMP - LEVES
	1954							RELEASE DV CLOSING PLUG
	1955	6 1/4	0		✓			DISPLACE PLUG
	2000	4	33.2				1500	PLUG DOWN - PSE UP CLOSE DV TOOL
	2002						OK	RELEASE PSE - HELD
								CIRCULATED 30 SKS CEMENT TO PET
								WASH TRUCK
	2030							JOB COMPLETE
								THANK YOU
								WAYNE, BRETT, DAVE K., SHANE