

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009

ORIGINAL

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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: _____

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 #: _____

10/13/2010	10/20/2010	10/21/2010
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 145-21,608-00-00
Spot Description: _____
N/2 SE NW NW Sec. 33 Twp. 20 S. R. 20 East West
815 Feet from North / South Line of Section
990 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Pawnee
Lease Name: Ferne Miller Well #: 1-33
Field Name: Wildcat
Producing Formation: None
Elevation: Ground: 2136 Kelly Bushing: 2144
Total Depth: 4390 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 1162 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: _____
feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(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 #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Permit #: _____

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: Michele M...
Title: Office Manager Date: 12-07-10

KCC Office Use ONLY RECEIVED

Letter of Confidentiality Received
Date: DEC 09 2010
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: DG Date: 12/16/10

Operator Name: Downing Nelson Oil Company Inc. Lease Name: Ferne Miller Well #: 1-33
 Sec. 33 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Micro, Sonic, Dual Induction and Compensated Porosity	<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>Top Anhydrite</td> <td>1327'</td> <td>+818</td> </tr> <tr> <td>Base Anhydrite</td> <td>1354'</td> <td>+791</td> </tr> <tr> <td>Heebner</td> <td>3674'</td> <td>-1529</td> </tr> <tr> <td>LKC</td> <td>3722'</td> <td>-1577</td> </tr> <tr> <td>BKC</td> <td>4044'</td> <td>-1899</td> </tr> <tr> <td>Fort Scott</td> <td>4229'</td> <td>-2084</td> </tr> <tr> <td>Cherokee Shale</td> <td>4244'</td> <td>-2099</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Top Anhydrite	1327'	+818	Base Anhydrite	1354'	+791	Heebner	3674'	-1529	LKC	3722'	-1577	BKC	4044'	-1899	Fort Scott	4229'	-2084	Cherokee Shale	4244'	-2099
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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	1162	Common	450	2% Gel & 3% CC

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: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. _____		Producing Method: <input type="checkbox"/> Flowing <input 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

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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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ALLIED CEMENTING CO., LLC. 036851

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

SERVICE POINT:
Great Bend, KS

DATE <u>10-14-10</u>	SEC. <u>33</u>	TWP. <u>20</u>	RANGE <u>20W</u>	CALLED OUT	ON LOCATION	JOB START <u>1100 AM</u>	JOB FINISH <u>1200</u>
LEASE <u>Ferne Miller</u>		WELL # <u>1-33</u>		LOCATION <u>Alexander - 15 miles</u>		COUNTY <u>Pawnee</u>	STATE <u>KS</u>
OLD OR NEW (Circle one) <u>NEW</u>				<u>South East into</u>			

CONTRACTOR Discovery 4
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 1160
 CASING SIZE 8 3/4 DEPTH 1162
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX 700 MINIMUM
 MEAS. LINE SHOE JOINT 42.70
 CEMENT LEFT IN CSG. 42.70
 PERFS.
 DISPLACEMENT 71.25 BBLS

OWNER
 CEMENT
 AMOUNT ORDERED 450 SK class A
3% cc 2% Gel

COMMON	<u>450</u>	@	<u>13.50</u>		<u>6075.00</u>
POZMIX		@			
GEL	<u>9</u>	@	<u>20.25</u>		<u>182.25</u>
CHLORIDE	<u>16</u>	@	<u>51.50</u>		<u>824.00</u>
ASC		@			
		@			
		@			
		@			
		@			
		@			
		@			
		@			
		@			
HANDLING	<u>450</u>	@	<u>2.25</u>		<u>1012.50</u>
MILEAGE	<u>450 x 35 x .10</u>				<u>1575.00</u>
TOTAL					<u>9,668.75</u>

EQUIPMENT

PUMP TRUCK CEMENTER Wayne D
 # HELPER Row
 BULK TRUCK
 # 344 DRIVER Jason
 BULK TRUCK
 # DRIVER

REMARKS:

Pipe on Bottom Break circulation
with Ris mud
Mix 450 SK class A 3% cc 2% Gel
Shut Down Release Plus
Displace 71.25 BBLS land plus
at 700 PSI. Shut in.
Cement did circulate to
Surface. Ris Down

SERVICE

DEPTH OF JOB	<u>1162</u>				
PUMP TRUCK CHARGE					<u>991.00</u>
EXTRA FOOTAGE		@			
MILEAGE	<u>35</u>	@	<u>7.00</u>		<u>245.00</u>
MANIFOLD		@			
		@			
RECEIVED					
DEC 09 2010					
TOTAL					<u>1236.00</u>

KCC WICHITA

PLUG & FLOAT EQUIPMENT

		@			
		@			
1 Rubber Plug		@	<u>102.00</u>		<u>102.00</u>
1 Baffle Plate		@	<u>67.20</u>		<u>67.20</u>

CHARGE TO: Downing + Nelson Oil
 STREET _____
 CITY _____ STATE _____ ZIP _____

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

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

SERVICE POINT:
Great Bend KS

DATE <u>10-21-10</u>	SEC. <u>38</u>	TWP. <u>20</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION	JOB START <u>430 AM</u>	JOB FINISH <u>530 AM</u>
LEASE <u>Perms Miller</u>	WELL # <u>1-33</u>		LOCATION <u>Alexander 14 South 1 East</u>		COUNTY <u>Pawnee</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>1 South East - TO</u>				

CONTRACTOR Discovery Rig 4
 TYPE OF JOB Rotary Plus
 HOLE SIZE 7 3/4 T.D. 4390
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2 DEPTH 1370
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

OWNER _____
 CEMENT
 AMOUNT ORDERED 225 SX 60/40 4% GEL
1/2 flo seal

COMMON	<u>135</u>	@	<u>13.50</u>	<u>1822.50</u>
POZMIX	<u>90</u>	@	<u>7.55</u>	<u>679.50</u>
GEL	<u>8</u>	@	<u>20.25</u>	<u>162.00</u>
CHLORIDE		@		
ASC		@		
<u>1/2 flo seal</u>	<u>56</u>	@	<u>2.45</u>	<u>137.20</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>225</u>	@	<u>225</u>	<u>506.25</u>
MILEAGE	<u>225 x 38 x .10</u>			<u>787.50</u>

TOTAL 3237.45
4094.95

EQUIPMENT
 PUMP TRUCK CEMENTER Wayne - D
 # 224 HELPER Ron
 BULK TRUCK
 # 260 DRIVER Ric
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:
1st plus 1370 mix 100SX
2nd plus 300 mix 50SX
3rd plus 60 mix 20SX
Rathole 30SX
mouse 20SX

SERVICE

DEPTH OF JOB	<u>4390</u>		
PUMP TRUCK CHARGE	<u>990.00</u>		
EXTRA FOOTAGE		@	
MILEAGE	<u>35 28</u>	@	<u>7.00</u>
MANIFOLD		@	<u>245.00</u>
		@	
		@	

RECEIVED

DEC 09 2010

TOTAL 1235.00
1186.00

KCC WICHITA

PLUG & FLOAT EQUIPMENT

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

CHARGE TO: Dawkins & Nelson
 STREET _____
 CITY _____ STATE _____ ZIP _____

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was