

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

Form ACO-1

June 2009

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       SLOW
- 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 #: \_\_\_\_\_

<u>09/27/2010</u>	<u>10/03/2010</u>	<u>10/04/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 135-25,114-00-00

Spot Description: \_\_\_\_\_  
NE SE SW SW Sec. 2 Twp. 18 S. R. 21  East  West  
450 Feet from  North /  South Line of Section  
1,130 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW

County: Ness

Lease Name: Kleweno Well #: 1-2

Field Name: Wildcat

Producing Formation: None

Elevation: Ground: 2138 Kelly Bushing: 2146

Total Depth: 4290 Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ 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 #: \_\_\_\_\_

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**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: [Signature]  
Title: Vice President Date: 10/27/2010

**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: [Signature] Date: 11/4/10

Operator Name: Downing Nelson Oil Company, Inc. Lease Name: Kleweno Well #: 1-2

Sec. 2 Twp. 18 S. R. 21  East  West County: Ness

**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 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 Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: <b>Micro, Sonic, Dual Induction and Compensated Density/Neutron</b>	<input checked="" type="checkbox"/> Log    Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Top Anhydrite</td> <td>1386'</td> <td>+760</td> </tr> <tr> <td>Base Anhydrite</td> <td>1418'</td> <td>+728</td> </tr> <tr> <td>Heebner</td> <td>3588'</td> <td>-1441</td> </tr> <tr> <td>LKC</td> <td>3632'</td> <td>-1486</td> </tr> <tr> <td>BKC</td> <td>3917'</td> <td>-1771</td> </tr> <tr> <td>Pawnee</td> <td>4014'</td> <td>-1868</td> </tr> <tr> <td>Fort Scott</td> <td>4093'</td> <td>-1947</td> </tr> </tbody> </table>	Name	Top	Datum	Top Anhydrite	1386'	+760	Base Anhydrite	1418'	+728	Heebner	3588'	-1441	LKC	3632'	-1486	BKC	3917'	-1771	Pawnee	4014'	-1868	Fort Scott	4093'	-1947
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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	1156	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 (Amount and Kind of Material Used)	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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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
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<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input 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) _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Downing & Nelson Oil Company  
PO Box 372  
Hays, KS 67601

API No. 15-135-25,114-00-00

Kleweno #1-2

2-18-21

**Continuation of Tops**

Name	Top	Datum
Cherokee Shale	4110'	-1963
Cherokee "B" Sand	4132'	-1986
Mississippi	4190'	-2044
Gilmore City	4261'	-2115

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# ALLIED CEMENTING CO., LLC. 036844

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

SERVICE POINT:  
Great Bend

DATE <u>10-4-10</u>	SEC. <u>2</u>	TWP. <u>18S</u>	RANGE <u>21W</u>	CALLED OUT	ON LOCATION	JOB START <u>9:00 AM</u>	JOB FINISH <u>10:00 AM</u>
LEASE <u>Widener</u>	WELL # <u>1-2</u>	LOCATION <u>Alexander west To HH</u>			COUNTY <u>Ness</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			RD <u>North 23 miles 1/2 East Ninto</u>				

CONTRACTOR Discovery 3  
 TYPE OF JOB Rotary Plug  
 HOLE SIZE 7 1/4 T.D. 4290  
 CASING SIZE DEPTH  
 TUBING SIZE DEPTH  
 DRILL PIPE 4 1/2 DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG.  
 PERFS.  
 DISPLACEMENT

OWNER Downing - Nelson

CEMENT  
 AMOUNT ORDERED 210 SK 60/40 4% 1/2 flo seal

COMMON	<u>126</u>	@	<u>13.50</u>	<u>1701.00</u>
POZMIX	<u>84</u>	@	<u>7.55</u>	<u>634.20</u>
GEL	<u>7</u>	@	<u>20.25</u>	<u>141.75</u>
CHLORIDE		@		
ASC		@		
<u>flor seal</u>	<u>50</u>	@	<u>2.45</u>	<u>122.50</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>210</u>	@	<u>2.25</u>	<u>472.50</u>
MILEAGE	<u>210 x 24 x 10</u>			<u>504.00</u>
				TOTAL <u>3575.95</u>

**EQUIPMENT**

PUMP TRUCK CEMENTER Wayne  
 # 181 HELPER Bob-R  
 BULK TRUCK  
 # 410 DRIVER John  
 BULK TRUCK  
 # DRIVER

**REMARKS:**

1st plug 1440 mix 40SK Dis 5 BBLs  
12 BBLs mud  
2nd plug 1170 mix 50SK  
3rd plug 630 mix 50SK  
4th plug 60 mix 20SK  
Rat maver mix 30SK  
mouse mix 20SK  
wash up Rig Down

**SERVICE**

DEPTH OF JOB	<u>1440</u>		
PUMP TRUCK CHARGE			<u>990.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>24</u>	@	<u>7.00</u> <u>168.00</u>
MANIFOLD		@	
		@	
		@	

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TOTAL 1158.00

KCC WICHITA

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	

CHARGE TO: Downing Nelson  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

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

# ALLIED CEMENTING CO., LLC. 036836

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

SERVICE POINT:  
Great Bend Ws

DATE <u>9-28-10</u>	SEC. <u>2</u>	TWP. <u>18S</u>	RANGE <u>21W</u>	CALLED OUT	ON LOCATION	JOB START <u>4:00 PM</u>	JOB FINISH <u>4:30 PM</u>
LEASE <u>Klewena</u>		WELL# <u>1-2</u>		LOCATION <u>West Alexander To RD</u>		COUNTY <u>Ness</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)			<u>HH 4 North To 170 1/2 East Ninto</u>				

CONTRACTOR Discovery Rig 3  
 TYPE OF JOB Surface  
 HOLE SIZE 12 1/4 T.D. 1156  
 CASING SIZE 8 1/2 DEPTH 1156  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG. 42.76  
 PERFS.  
 DISPLACEMENT 70.00 BBls

OWNER Downing Nelson Oil Co Inc  
 CEMENT  
 AMOUNT ORDERED 450 SY Class A  
3% cc 2% Gel

EQUIPMENT  
 PUMP TRUCK CEMENTER Wayne D  
 # 181 HELPER Bob-R  
 BULK TRUCK  
 # 344 DRIVER Bill  
 BULK TRUCK  
 # DRIVER

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 16 x .10</u>			<u>720.00</u>
TOTAL				<u>8813.75</u>

REMARKS:

Pipe on Bottom Break circulation with Rig mud shut down  
Hook up mix 450SX class A 3% cc 2% Gel shut down Release  
plug washup Displace 70.00 BBls  
fresh water band plug at 600psf  
Cement did circulate.  
Shut in Rig Down.

SERVICE

DEPTH OF JOB	<u>1156</u>		
PUMP TRUCK CHARGE	<u>0-300</u>		<u>991.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>16</u>	@	<u>7.00</u>
MANIFOLD		@	
		@	
RECEIVED			
		@	

CHARGE TO: Downing - Nelson Oil Co Inc  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

NOV 01 2010  
 TOTAL 1103.00

KCC WICHITA

PLUG & FLOAT EQUIPMENT

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