

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: Ron Nelson  
Purchaser: \_\_\_\_\_

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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 #: \_\_\_\_\_

07/15/2010	07/22/2010	07/22/2010
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 195-22,674-00-00

Spot Description: \_\_\_\_\_  
SW NE SE SW Sec. 33 Twp. 12 S. R. 22  East  West  
710 Feet from  North /  South Line of Section  
2,010 Feet from  East /  West Line of Section

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

County: Trego  
Lease Name: Windholz Well #: 1-33  
Field Name: Wildcat  
Producing Formation: None  
Elevation: Ground: 2344 Kelly Bushing: 2352  
Total Depth: 4299 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at: 221.01 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: 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 #: \_\_\_\_\_

**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: 10/13/2010

**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: RJA DJG Date: 10/18/10

Operator Name: Downing Nelson Oil Company Inc. Lease Name: Windholz Well #: 1-33  
 Sec. 33 Twp. 12 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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" 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: <b>Sonic, Micro, Dual Induction and Compensated Density Neutron</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th style="width:15%;">Top</th> <th style="width:15%;">Datum</th> </tr> </thead> <tbody> <tr> <td>Top Anhydrite</td> <td>1814'</td> <td>+538</td> </tr> <tr> <td>Base Anhydrite</td> <td>1860'</td> <td>+492</td> </tr> <tr> <td>Topeka</td> <td>3467'</td> <td>-1115</td> </tr> <tr> <td>Heebner</td> <td>3690'</td> <td>-1338</td> </tr> <tr> <td>Toronto</td> <td>3710'</td> <td>-1358</td> </tr> <tr> <td>LKC</td> <td>3725'</td> <td>-1373</td> </tr> <tr> <td>BKC</td> <td>3974'</td> <td>-1622</td> </tr> </tbody> </table>	Name	Top	Datum	Top Anhydrite	1814'	+538	Base Anhydrite	1860'	+492	Topeka	3467'	-1115	Heebner	3690'	-1338	Toronto	3710'	-1358	LKC	3725'	-1373	BKC	3974'	-1622
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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	221.01	Common	150	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:  Yes  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)</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. 15-195-22,674-00-00

Windholz #1-33

33-12s-22w Trego Co

**Continuation of Tops**

Name	Top	Datum
Marmaton	4072'	-1720
Cherokee Shale	4122'	-1770
Arbuckle	-	-
Mississippi Chert	4227'	-1875

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# QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 4011

Date	7-22-10	Sec.	33	Twp.	12	Range	22	County	trego	State	KS	On Location		Finish	5:15pm
Lease	Windholz	Well No.	1-33			Location Osageh 2S 2W N into									
Contractor	Discovery #3							Owner							
Type Job	Rotary Plug							To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.							
Hole Size	7 7/8		T.D.		4299		Charge To Downing & Nelson oil co.								
Csg.			Depth		1840		Street								
Tbg. Size	4 1/2 x hole DP		Depth		City										
Tool			Depth		State										
Cement Left in Csg.			Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.										
Meas Line			Displace		Cement Amount Ordered 220 60/40 4% gel 1/4 lb Ft										

EQUIPMENT						
Pumptrk	1	No.	Cementer/Helper	Brandon 4 hrs	Common	132
Bulktrk	4	No.	Driver	Doug 4 hrs	Poz. Mix	88
Bulktrk	Py	No.	Driver	Rocley 4 hrs	Gel.	8

JOB SERVICES & REMARKS	
Remarks:	Calcium
Rat Hole	Hulls
Mouse Hole	Salt
Centralizers	Flowseal 50
Baskets	Koi-Seal
D/V or Port Collar	Mud CLR 48
Mix 25sx @ 1840'	CFL-117 or CD110 CAF 38
Mix 100sx @ 970'	Sand
Mix 40sx @ 270'	Handling 228
Mix 10sx @ 40'	Mileage

FLOAT EQUIPMENT	
Mix 30sx in RH	Guide Shoe
Mix 15sx in MH	Centralizer
THANK YOU!!	Baskets
	AFU Inserts
	Float Shoe
	Latch Down
	1-8 7/8 Dry hole plug
	Pumptrk Charge plug
	Mileage 30
	Flags
	Tax
	Discount
	Total Charge

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X Signature

# QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 4122

Date	7-15-10	Sec.	33	Twp.	12	Range	22	County	Trego	State	Ransas	On Location		Finish	7:00PM
Lease	Windholz	Well No.	1-33		Location						I-70 & Ogallah 2S 1 1/2 W Ninto				
Contractor	Discovery Drilling Rig 3							Owner							
Type Job	Surface							To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.							
Hole Size	12 3/4		T.D.		221		Charge To								
Csg.	8 5/8 23lb		Depth		221		Daming Nelson Oil Co, Inc								
Tbg. Size			Depth				Street								
Tool			Depth				City				State				
Cement Left in Csg.	10-15'		Shoe Joint				The above was done to satisfaction and supervision of owner agent or contractor.								
Meas Line			Displace		1 3/4 Bbl		Cement Amount Ordered				150 Com 30cc 296cf				

### EQUIPMENT

Pumptrk	5	No.	Cementer	Steve	3 1/2	Common	150
			Helper				
Bulktrk	8	No.	Driver	Brandon	3 1/2	Poz. Mix	
			Driver				
Bulktrk		No.	Driver	Eric	3 1/2	Gel.	3
			Driver				

### JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
	Sand
	Handling 158
	Mileage

### FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	

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*Thank You*

Pumptrk Charge		Tax	
Mileage	30	Discount	
		Total Charge	

X  
Signature