

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009

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

WELL COMPLETION FORM ORIGINAL
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 307717
Name: Downing Nelson Oil Company Inc
Address 1: PO Box 1019
Address 2: _____
City: Hays State: KS Zip: 67601 + _____
Contact Person: Ron Nelson
Phone: (785) 621-2610
CONTRACTOR: License # 31548 **RECEIVED**
Name: Discovery Drilling Co., Inc. **FEB 15 2011**
Wellsite Geologist: Marc Downing
Purchaser: _____ **KCC WICHITA**

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>1/21/2011</u>	<u>1/26/2011</u>	<u>1/27/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 195-22,666-00-00

Spot Description: _____

NE NW SW SW Sec. 30 Twp. 13 S. R. 21 East West

1,230 Feet from North / South Line of Section

470 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Trego

Lease Name: Frank Well #: 1-30

Field Name: Wildcat

Producing Formation: None

Elevation: Ground: 2341 Kelly Bushing: 2349

Total Depth: 4243 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 222.99 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: Mitchell Mc...

Title: Office Manager Date: 02-10-2011

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: PA Dg Date: 3/1/11

Operator Name: Downing Nelson Oil Company Inc Lease Name: Frank Well #: 1-30
 Sec. 30 Twp. 13 S. R. 21 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 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Sonic, Micro, Dual Induction and Compensated Neutron/Density	<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>1758'</td> <td>+593</td> </tr> <tr> <td>Base Anhydrite</td> <td>1902'</td> <td>+549</td> </tr> <tr> <td>Topeka</td> <td>3435'</td> <td>-1084</td> </tr> <tr> <td>Heebner</td> <td>3668'</td> <td>-1317</td> </tr> <tr> <td>Toronto</td> <td>3689'</td> <td>-1338</td> </tr> <tr> <td>LKC</td> <td>3703'</td> <td>-1352</td> </tr> <tr> <td>BKC</td> <td>3950'</td> <td>-1599</td> </tr> </table>	Name	Top	Datum	Top Anhydrite	1758'	+593	Base Anhydrite	1902'	+549	Topeka	3435'	-1084	Heebner	3668'	-1317	Toronto	3689'	-1338	LKC	3703'	-1352	BKC	3950'	-1599
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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	222.99	Common	160	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:
 Flowing Pumping Gas Lift 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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ALLIED CEMENTING CO. LLC. 034125

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

SERVICE POINT:

Russell

DATE <u>1-21-11</u>	SEC. <u>30</u>	TWP. <u>13</u>	RANGE <u>21</u>	CALLED OUT	ON LOCATION	JOB START <u>10:00pm</u>	JOB FINISH <u>10:30pm</u>
LEASE <u>Frack</u>	WELL# <u>1-30</u>	LOCATION <u>Riga + I-70 55 to Rd 5</u>			COUNTY <u>Trego</u>	STATE <u>Ks</u>	
OLD OR <u>NEW</u> (Circle one)		<u>2w 1 1/2 N 1/2 W Ninto</u>					

CONTRACTOR Discovery Drilling Rig #3
 TYPE OF JOB Surface Sub.
 HOLE SIZE 12 1/4 T.D. 223
 CASING SIZE 5 5/8 DEPTH 223
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 10'
 PERFS.
 DISPLACEMENT 13,24661

OWNER
 CEMENT
 AMOUNT ORDERED 160 Con 32CC 2261

COMMON 160 @ 13.50 2160.00
 POZMIX @
 GEL 3 @ 20.25 60.75
 CHLORIDE 5 @ 57.50 287.50
 ASC @

EQUIPMENT

PUMP TRUCK CEMENTER Shane
 # 417 HELPER Heath
 BULK TRUCK
 # 410 DRIVER Woody
 BULK TRUCK
 # DRIVER

RECEIVED
 FEB 15 2011
 KCC WICHITA
 HANDLING 160 @ 2.25 360.00
 MILEAGE 10/sk mile 368.00
 TOTAL 3206.25

REMARKS:

Ran 5 hrs + Landly 5 hr
Fast Circulation
Biped 160 sts

Cement Circulated

SERVICE

DEPTH OF JOB
 PUMP TRUCK CHARGE 991.00
 EXTRA FOOTAGE @
 MILEAGE 23 @ 7.00 161.00
 MANIFOLD @

TOTAL 1152.00

CHARGE TO: Downing Nelson
 STREET
 CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

@
 @
 @
 @
 @

Thanks!

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment
 and furnish cementer and helper(s) to assist owner or

ALLIED CEMENTING CO., LLC. 038648

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

SERVICE POINT:

MB

DATE <u>1-27-11</u>	SEG <u>30</u>	TWP. <u>13</u>	RANGE <u>21</u>	CALLED OUT <u>5:00 AM</u>	ON LOCATION <u>9:00 AM</u>	JOB STARTS <u>12:00 PM</u>	JOB FINISH <u>1:00 PM</u>
LEASE <u>Frank</u>		WELL# <u>1-30</u>	LOCATION <u>Riga 6S 2W 1N 2W</u>			COUNTY <u>Trego</u>	STATE <u>KS</u>
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Discovery Rig 3

TYPE OF JOB Rotary Plug

HOLE SIZE 2 7/8 T.D. 4287.3

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 DEPTH 4137

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER

CEMENT AMOUNT ORDERED 245 60/40 4 7/8" @ 1/4" # Flossal

COMMON	<u>147</u>	@	<u>13.50</u>	<u>1984.50</u>
POZMIX	<u>98</u>	@	<u>7.55</u>	<u>739.20</u>
GEL		@		
CHLORIDE		@		
ASC		@		
<u>210 seal</u>	<u>61. #</u>	@	<u>2.45</u>	<u>149.25</u>

EQUIPMENT

PUMP TRUCK CEMENTER M.H. M.

224 HELPER Mary D.

BULK TRUCK

2482-148 DRIVER C. J.

BULK TRUCK

_____ DRIVER _____

RECEIVED

FEB 15 2011

KCC WICHITA

HANDLING	<u>245</u>	@	<u>2.25</u>	<u>551.25</u>
MILEAGE	<u>245 X 204.10</u>			<u>490.00</u>
			TOTAL	<u>3.915.10</u>

REMARKS:

- 25 ft at 4137 ft
- 25 ft at 1740 ft
- 100 ft at 941 ft
- 40 ft at 273 ft
- 10 ft at -10 ft
- 30 ft at R.H.
- 15 ft at M.H.

SERVICE

DEPTH OF JOB	<u>4137 ft</u>			
PUMP TRUCK CHARGE				<u>1159.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>20</u>	@	<u>7.00</u>	<u>140.00</u>
MANIFOLD		@		

CHARGE TO: Downing + Nelson

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 1299.00

PLUG & FLOAT EQUIPMENT

<u>1-8 3/8" old Hole Plug</u>	<u>40.00</u>	<u>40.00</u>
	@	
	@	
	@	
	@	

*Thank
you
SSS*

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment
and furnish cementer and helper(s) to assist owner or