

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 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 #: _____

08/20/2010	08/26/2010	08/27/2010
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 195-22,671-00-00

Spot Description: _____
_____ NW SE SW Sec. 12 Twp. 12 S. R. 23 East West
990 Feet from North / South Line of Section
1,650 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Trego

Lease Name: Newcomer Well #: 1-12

Field Name: Wildcat

Producing Formation: None

Elevation: Ground: 2416 Kelly Bushing: 2424

Total Depth: 4115 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 219 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

AL¹ I II III Approved by: PA Dg Date: 10/18/10

Operator Name: Downing Nelson Oil Company Inc. Lease Name: Newcomer Well #: 1-12
 Sec. 12 Twp. 12 S. R. 23 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Sonic, Micro, Dual Induction and Compensated Density Neutron	<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>1833'</td> <td>+591</td> </tr> <tr> <td>Base Anhydrite</td> <td>1876'</td> <td>+548</td> </tr> <tr> <td>Topeka</td> <td>3416'</td> <td>-992</td> </tr> <tr> <td>Heebner</td> <td>3634'</td> <td>-1210</td> </tr> <tr> <td>Toronto</td> <td>3654'</td> <td>-1230</td> </tr> <tr> <td>LKC</td> <td>3666'</td> <td>-1242</td> </tr> <tr> <td>BKC</td> <td>3904'</td> <td>-1480</td> </tr> </tbody> </table>	Name	Top	Datum	Top Anhydrite	1833'	+591	Base Anhydrite	1876'	+548	Topeka	3416'	-992	Heebner	3634'	-1210	Toronto	3654'	-1230	LKC	3666'	-1242	BKC	3904'	-1480
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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	219	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 (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

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. 15-195-22,671-00-00

Newcomer #1-12

12-12s-23w

Continuation of Tops

Name	Top	Datum
Marmaton	4004'	-1580
Cherokee Shale	4050'	-1626
Arbuckle	Not Reached	

RECEIVED
OCT 15 2010
KCC WICHITA

ALLIED CEMENTING CO., LLC. 041930

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

SERVICE POINT:
Russell Ks.

DATE <u>8-27-10</u>	SEC. <u>12</u>	TWP. <u>12S</u>	RANGE <u>23W</u>	CALLED OUT	ON LOCATION	JOB START <u>11:15am</u>	JOB FINISH <u>11:45am</u>
LEASE <u>NewComber</u>	WELL # <u>1-12</u>	LOCATION <u>WAKRENEY OLD Hwy "40"</u>			COUNTY <u>Trego</u>	STATE <u>KANSAS</u>	
OLD OR <u>NEW</u> (Circle one)		<u>2 E 1/2 N E T40</u>					

CONTRACTOR Discovery Dalg. Rig #4 OWNER _____
 TYPE OF JOB Rotary Plug
 HOLE SIZE 7 7/8 T.D. 4115
 CASING SIZE 8 5/8 SURFACE DEPTH 219
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2 X-H @ DEPTH 1855
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

CEMENT AMOUNT ORDERED 220 SX 60/40 4 9/16
1/4" # F10-Seal Per SX.

COMMON	<u>132</u>	@	<u>13.50</u>	<u>1782.00</u>
POZMIX	<u>28</u>	@	<u>7.55</u>	<u>664.40</u>
GEL	<u>7</u>	@	<u>20.25</u>	<u>141.75</u>
CHLORIDE		@		
ASC		@		
<u>Fl. Sol</u>	<u>55</u>	@	<u>2.45</u>	<u>134.75</u>
RECEIVED				
OCT 15 2010				
KCC WICHITA				
HANDLING	<u>220</u>	@	<u>2.25</u>	<u>495.00</u>
MILEAGE	<u>110/sk/ptc</u>			<u>770.00</u>
				TOTAL <u>3987.90</u>

EQUIPMENT

PUMP TRUCK CEMENTER GLENN
 # 398 HELPER Dan TWS
 BULK TRUCK
 # 481 DRIVER David TWS
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:

25 SK @ 1855
100 SK @ 1060
40 SK @ 270
10 SK @ 40
30 SK @ RATHOLE
15 SK @ MouseHole
/HANK'S

SERVICE

DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____ 990.00
 EXTRA FOOTAGE _____ @ _____
 MILEAGE 35 @ 700 245.00
 MANIFOLD _____ @ _____
 _____ @ _____
 _____ @ _____
TOTAL 1235.00

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. 036812

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

SERVICE POINT:
Grant Bend 4

DATE <u>8-26-10</u>	SEC. <u>12</u>	TWP. <u>12</u>	RANGE <u>23</u>	CALLED OUT	ON LOCATION	JOB START <u>5:30 PM</u>	JOB FINISH <u>6:00 PM</u>
LEASE <u>New Comeu</u>	WELL # <u>1-12</u>	LOCATION <u>Walkway US 2 East</u>			COUNTY <u>Trego</u>	STATE <u>US</u>	
OLD OR <u>NEW</u> (Circle one)			<u>1 North East into</u>				

CONTRACTOR Discovery 4
 TYPE OF JOB Surface
 HOLE SIZE 12 1/2 T.D. 220
 CASING SIZE 8 3/4 DEPTH 220
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 15
 PERFS.
 DISPLACEMENT 13 BBLs

OWNER Downing-Nelson
 CEMENT
 AMOUNT ORDERED 150 BX Class A
3% Gel 2% Gel

COMMON	<u>150</u>	@	<u>13.50</u>	<u>2025.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>20.25</u>	<u>60.75</u>
CHLORIDE	<u>6</u>	@	<u>51.50</u>	<u>309.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>150</u>	@	<u>2.25</u>	<u>337.50</u>
MILEAGE	<u>150 x 4.0 x 1.10</u>		<u>180</u>	<u>600.00</u>
TOTAL				<u>3832.25</u>

EQUIPMENT
 PUMP TRUCK CEMENTER Wayne
 # 181 HELPER Bob-R
 BULK TRUCK
 # 473 DRIVER Ron
 BULK TRUCK
 # DRIVER

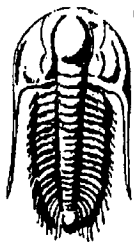
REMARKS:
Pipe on Bottom Break
Circulation with Rig mud
Shut Down Hold To cement
line mix 150 BX Class A 3% c
2% Gel Displace 13 BBLs
Cement did circulate
shut in. washup Rig
Down.

CHARGE TO: Downing-Nelson
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE
 DEPTH OF JOB 220
 PUMP TRUCK CHARGE 990.00
 EXTRA FOOTAGE @ _____
 MILEAGE 12 @ 7.00 84.00
 MANIFOLD @ _____
 RECEIVED @ _____

OCT 15 2010
 KCC WICHITA
 TOTAL 1074.00

PLUG & FLOAT EQUIPMENT
 @ _____
 @ _____
 @ _____



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Dow ning-Nelson oil Co Inc

Newcomer 1-12

Po Box 372 Hays
Ks 67301+0372

12-12s-23w

Job Ticket: 38507

DST#: 3

ATTN: Ron Nelson

Test Start: 2010.08.25 @ 03:32:41

GENERAL INFORMATION:

Formation: **LKC-"E"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:27:11

Time Test Ended: 10:22:11

Test Type: Conventional Bottom Hole

Tester: Jeff Brown

Unit No: 44

Interval: **3732.00 ft (KB) To 3748.00 ft (KB) (TVD)**

Reference Elevations: 2425.00 ft (KB)

Total Depth: 3748.00 ft (KB) (TVD)

2417.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8321

Inside

Press@RunDepth: 253.43 psig @ 3735.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.08.25

End Date:

2010.08.25

Last Calib.:

2010.08.25

Start Time: 03:32:42

End Time:

10:22:11

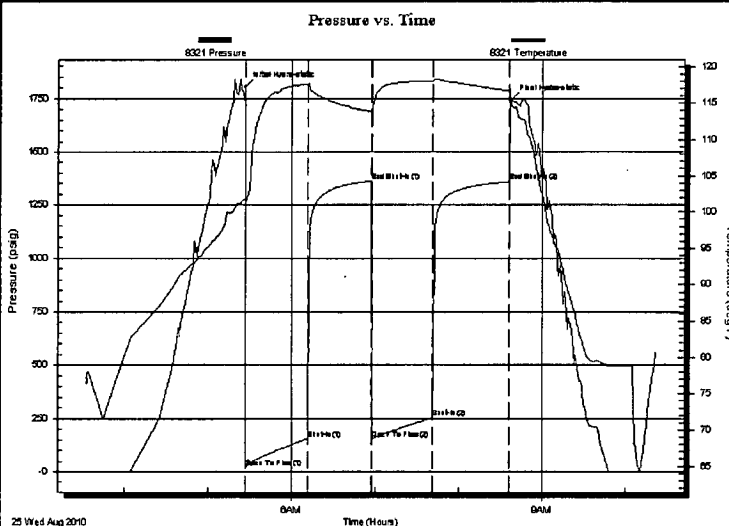
Time On Btm:

2010.08.25 @ 05:26:41

Time Off Btm:

2010.08.25 @ 08:38:11

TEST COMMENT: IFP-Strong blow BOB in 15 1/2 min
ISI-Dead no blow back
FFP-Strong blow BOB in 23 min
FSI-Dead no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1805.94	101.91	Initial Hydro-static
1	21.14	101.35	Open To Flow (1)
45	154.16	117.59	Shut-In(1)
91	1363.13	113.85	End Shut-In(1)
91	155.42	113.68	Open To Flow (2)
135	253.43	118.03	Shut-In(2)
190	1359.53	116.63	End Shut-In(2)
192	1742.81	114.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
31.00	MW with a scum of oil 15%M85%W	0.15
441.00	MW10%M90%W	6.19

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (MMcf/d)

**RECEIVED
OCT 15 2010
KCC WICHITA**