

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
October 2008  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

OPERATOR: License # 30717  
Name: Downing Nelson Oil Co., Inc.  
Address 1: PO Box 372  
Address 2: \_\_\_\_\_  
City: Hays State: KS Zip: 67601 + \_\_\_\_\_  
Contact Person: Ron Nelson  
Phone: (785) 621-2610

API No. 15 - 195-22,616-00-00  
Spot Description: 180' North of  
NE NW NW Sec. 6 Twp. 13 S. R. 22  East  West  
150 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: Trego  
Lease Name: Hacker-Daco Unit Well #: 1-6  
Field Name: Wildcat

Producing Formation: None  
Elevation: Ground: 2333 Kelly Bushing: 2341  
Total Depth: 4332' Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at: 212.87 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 Air II NUR 9-1-09  
(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 No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

CONTRACTOR: License # 31548  
Name: Discovery Drilling Co., Inc.  
Wellsite Geologist: Marc Downing

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Purchaser: \_\_\_\_\_  
Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  
 Gas  ENHR  SIGW  
 CM (Coal Bed Methane)  Temp. Abd.  
 Dry  Other \_\_\_\_\_  
(Core, WSW, Expl., Cathodic, etc.)

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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  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled Docket No.: \_\_\_\_\_  
 Dual Completion Docket No.: \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No.: \_\_\_\_\_  
07/18/09 07/24/09 07/25/09 IN.  
Spud Date or Date Reached TD Completion Date or Recompletion Date

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.

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: 08/18/09  
Subscribed and sworn to before me this \_\_\_\_\_ day of August,  
20 09.  
Notary Public: Michelle L Meier  
Date Commission Expires: 7-28-13

KCC Office Use ONLY  
 Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

MICHELE L. MEIER  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 7-28-13

Operator Name: Downing Nelson Oil Co., Inc. Lease Name: Hacker-Daco Unit Well #: 1-6  
 Sec. 6 Twp. 13 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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

| Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><i>(Attach Additional Sheets)</i><br><br>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><br>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><i>(Submit Copy)</i><br><br>List All E. Logs Run:<br><b>Micro, Sonic, Dual Induction and Compensated Density Neutron</b> | <input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample<br><br><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>1797'</td> <td>+544</td> </tr> <tr> <td>Base Anhydrite</td> <td>1838'</td> <td>+503</td> </tr> <tr> <td>Topeka</td> <td>3451'</td> <td>-1110</td> </tr> <tr> <td>Heebner</td> <td>3675'</td> <td>-1334</td> </tr> <tr> <td>Toronto</td> <td>3695'</td> <td>-1354</td> </tr> <tr> <td>LKC</td> <td>3711'</td> <td>-1370</td> </tr> <tr> <td>BKC</td> <td>3959'</td> <td>-1618</td> </tr> </tbody> </table> | Name  | Top | Datum | Top Anhydrite | 1797' | +544 | Base Anhydrite | 1838' | +503 | Topeka | 3451' | -1110 | Heebner | 3675' | -1334 | Toronto | 3695' | -1354 | LKC | 3711' | -1370 | BKC | 3959' | -1618 |
|---|--|-------|-----|-------|---------------|-------|------|----------------|-------|------|--------|-------|-------|---------|-------|-------|---------|-------|-------|-----|-------|-------|-----|-------|-------|
| Name  | Top  | Datum |     |       |               |       |      |                |       |      |        |       |       |         |       |       |         |       |       |     |       |       |     |       |       |
| Top Anhydrite   | 1797'  | +544  |     |       |               |       |      |                |       |      |        |       |       |         |       |       |         |       |       |     |       |       |     |       |       |
| Base Anhydrite  | 1838'  | +503  |     |       |               |       |      |                |       |      |        |       |       |         |       |       |         |       |       |     |       |       |     |       |       |
| Topeka  | 3451'  | -1110 |     |       |               |       |      |                |       |      |        |       |       |         |       |       |         |       |       |     |       |       |     |       |       |
| Heebner   | 3675'  | -1334 |     |       |               |       |      |                |       |      |        |       |       |         |       |       |         |       |       |     |       |       |     |       |       |
| Toronto   | 3695'  | -1354 |     |       |               |       |      |                |       |      |        |       |       |         |       |       |         |       |       |     |       |       |     |       |       |
| LKC   | 3711'  | -1370 |     |       |               |       |      |                |       |      |        |       |       |         |       |       |         |       |       |     |       |       |     |       |       |
| BKC   | 3959'  | -1618 |     |       |               |       |      |                |       |      |        |       |       |         |       |       |         |       |       |     |       |       |     |       |       |

| CASING RECORD <input 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"                    | 20                | 212.87'       | Common         | 150          | 2% Gel & 3% CC             |
|   |                   |                           |                   |               |                |              |                            |

| ADDITIONAL CEMENTING / SQUEEZE RECORD |                  |                |             |                            |
|---------------------------------------|------------------|----------------|-------------|----------------------------|
| Purpose:                              | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| Perforate                             |                  |                |             |                            |
| Protect Casing                        |                  |                |             |                            |
| Plug Back TD                          |                  |                |             |                            |
| Plug Off Zone                         |                  |                |             |                            |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br><i>(Amount and Kind of Material Used)</i> | Depth |
|----------------|---|--|-------|
|                |   |  |       |
|                |   |  |       |
|                |   |  |       |

|                |       |         |            |   |
|----------------|-------|---------|------------|---|
| TUBING RECORD: | Size: | Set At: | Packer At: | Liner Run: <input type="checkbox"/> Yes <input 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 <i>(Explain)</i> |         |             |                       |
| Estimated Production Per 24 Hours               | Oil Bbls.   | Gas Mcf | Water Bbls. | Gas-Oil Ratio Gravity |

|   |   |                               |
|---|---|-------------------------------|
| DISPOSITION OF GAS:<br><input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease<br><i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION:<br><input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled<br><input type="checkbox"/> Other <i>(Specify)</i> | PRODUCTION INTERVAL:<br>_____ |
|---|---|-------------------------------|

Downing & Nelson Oil Company  
PO Box 372  
Hays, KS 67601

API No. 15-195-22,616-00-00

Hacker-Daco Unit #1-6

6-13s-22w

**Continuation of Tops**

| Name           | Top   | Datum |
|----------------|-------|-------|
| Marmaton       | 4068' | -1727 |
| Cherokee Shale | 4124' | -1783 |
| Mississippi    | 4264' | -1923 |
| Arbuckle       | 4292' | -1951 |

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# ALLIED CEMENTING CO., LLC. 043675

P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
Oakley KS

|                                |                   |                                |                 |               |                           |                         |                          |
|--------------------------------|-------------------|--------------------------------|-----------------|---------------|---------------------------|-------------------------|--------------------------|
| DATE <u>7-18-09</u>            | SEC. <u>2</u>     | TWP. <u>13</u>                 | RANGE <u>22</u> | CALLED OUT    | ON LOCATION <u>5:00pm</u> | JOB START <u>6:30pm</u> | JOB FINISH <u>7:00pm</u> |
| LEASE <u>Duro</u>              | WELL # <u>U-6</u> | LOCATION <u>Ogallah S-Rd m</u> |                 |               | COUNTY <u>Trego</u>       | STATE <u>KS</u>         |                          |
| OLD OR <u>NEW</u> (Circle one) |                   |                                |                 | <u>3w- 5m</u> |                           |                         |                          |

CONTRACTOR Discovery #3

TYPE OF JOB Soc Sac

HOLE SIZE 12 1/4 T.D. 212 8

CASING SIZE 8 9/8 DEPTH 212

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 12.9

**EQUIPMENT**

PUMP TRUCK CEMENTER Fuzzy

# 431 HELPER Kelly

BULK TRUCK

# 344 DRIVER Randy - Ga. Bend

BULK TRUCK

# DRIVER

**REMARKS:**

cement did circulate

Job complete @ 6:45 pm

Thanks Fuzzy & crew

CHARGE TO: Downing - Nelson

STREET

CITY STATE ZIP

OWNER

CEMENT

AMOUNT ORDERED 150 gks 10m

390cc 290gel

|          |                |   |              |                |
|----------|----------------|---|--------------|----------------|
| COMMON   | <u>150</u>     | @ | <u>13 65</u> | <u>2047 50</u> |
| POZMIX   |                | @ |              |                |
| GEL      | <u>3</u>       | @ | <u>20 40</u> | <u>61 20</u>   |
| CHLORIDE | <u>5</u>       | @ | <u>57 5</u>  | <u>285 25</u>  |
| ASC      |                | @ |              |                |
| HANDLING | <u>158</u>     | @ | <u>2 10</u>  | <u>331 80</u>  |
| MILEAGE  | <u>1045 km</u> |   |              | <u>790 00</u>  |
| TOTAL    |                |   |              | <u>3516 21</u> |

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**SERVICE**

|                      |            |   |                |
|----------------------|------------|---|----------------|
| DEPTH OF JOB         | <u>212</u> |   |                |
| PUMP TRUCK CHARGE    |            |   | <u>1018 00</u> |
| EXTRA FOOTAGE        |            | @ |                |
| MILEAGE              | <u>50</u>  | @ | <u>7 00</u>    |
| MANIFOLD             |            | @ |                |
| TOTAL <u>1368 00</u> |            |   |                |

**PLUG & FLOAT EQUIPMENT**

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

