

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

Form ACO-1  
September 1999  
Form Must Be Typed

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

Operator: License # 33190  
Name: Noble Energy, Inc. (formerly Elysium Energy, LLC)  
Address: 1625 Broadway, Suite 2200  
City/State/Zip: Denver, CO 80202  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Jennifer Barnett  
Phone: (303) 228-4235  
Contractor: Name: Discovery Drilling Co., Inc. Hays, KS  
License: 31548

Wellsite Geologist: none  
Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:  
Operator: n/a

Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) \_\_\_\_\_ Docket No. \_\_\_\_\_

|                                   |                  |   |
|-----------------------------------|------------------|---|
| <u>2/07/2007</u>                  | <u>2/12/2007</u> | <u>4/05/2007</u>                        |
| Spud Date or<br>Recompletion Date | Date Reached TD  | Completion Date or<br>Recompletion Date |

API No. 15 - 065-23274-0000  
County: Graham  
CN2 / N/2 / SE / Sec. 3 Twp. 10 S. R. 21  East  West  
2490' feet from S / N (circle one) Line of Section  
1328' feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Morel Well #: 9  
Field Name: Cooper

Producing Formation: Arbuckle  
Elevation: Ground: 2299' Kelly Bushing: 2307'  
Total Depth: 3950' Plug Back Total Depth: 3920'  
Amount of Surface Pipe Set and Cemented at 1789' cmt w/ 470 sx Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from alt 3935  
feet depth to 0 w/ 470 sx cmt.  
Alt 2 - Dig 9/9/08

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content 12,000 ppm Fluid volume 300 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.: \_\_\_\_\_

**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: Jennifer Barnett  
Title: Permit Representative Date: 3/24/08  
Subscribed and sworn to before me this 24<sup>th</sup> day of March  
08  
Notary Public: Garland M. ...  
Date Commission Expires: August 6, 2011

**KCC Office Use ONLY**

N Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
**RECEIVED**  
Wireline Log Received **KANSAS CORPORATION COMMISSION**  
Geologist Report Received  
UIC Distribution **MAR 25 2008**  
CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Noble Energy, Inc. (formerly Elysium Energy, LLC) Lease Name: Morel Well #: 9  
 Sec. 3 Twp. 10 S. R. 21  East  West County: Graham

**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><br><b>CBL/GR/CCL/Neu/SL/Induction</b> | <input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample<br><br>Name Top Datum<br>Arbuckle 3852' |
|--|--|

| 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   | 12 1/4"           | 8 5/8"                    | 23 Lbs./Ft.     | 1789'         | 50/50 POZ      | 470          | 3% CaCl, .25% Flo-cel       |
| Production  | 7 7/8"            | 5 1/2"                    | 15.5 Lbs./Ft.   | 3944'         | Type III       | 250          | 12%gel, 2%CaCl, .25 Flo-cel |
|   |                   |                           |                 |               |                |              |                             |

| ADDITIONAL CEMENTING / SQUEEZE RECORD  |                  |                |             |                            |
|--|------------------|----------------|-------------|----------------------------|
| Purpose:   | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate<br><input type="checkbox"/> Protect Casing<br><input type="checkbox"/> Plug Back TD<br><input type="checkbox"/> 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>(Amount and Kind of Material Used) | Depth |
|----------------|---|---|-------|
| 4 spf          | Perf. Arbuckle interval from 3880' to 3885'   |   |       |
| 4 spf          | Perf. Arbuckle interval from 3869' to 3873'   |   |       |
| 4 spf          | Perf. Arbuckle interval from 3852' to 3858'   |   |       |
|                |   |   |       |

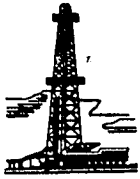
|               |                       |                        |           |   |
|---------------|-----------------------|------------------------|-----------|---|
| TUBING RECORD | Size<br><b>2 7/8"</b> | Set At<br><b>3840'</b> | Packer At | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
|---------------|-----------------------|------------------------|-----------|---|

|  |   |
|--|---|
| Date of First, Resumerd Production, SWD or Enhr.<br><b>4/09/2007</b> | Producing Method<br><input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) |
|--|---|

|                                   |                       |         |                           |                           |         |
|-----------------------------------|-----------------------|---------|---------------------------|---------------------------|---------|
| Estimated Production Per 24 Hours | Oil Bbls.<br><b>8</b> | Gas Mcf | Water Bbls.<br><b>187</b> | Gas-Oil Ratio<br><b>0</b> | Gravity |
|-----------------------------------|-----------------------|---------|---------------------------|---------------------------|---------|

Disposition of Gas **METHOD OF COMPLETION** Production Interval

Vented  Sold  Used on Lease  Open Hole  Perf.  Dual'y Comp.  Commingled  
*(If vented, Submit ACC-18.)*  Other (Specify) \_\_\_\_\_



# Discovery Drilling

P.O. Box 763 • Hays, KS 67601 • OFFICE (785) 623-2920 • CELLULAR (785) 635-1511

RECORDED

BY:.....

## DRILLER'S LOG

Operator: **Elysium Energy, LLC LIC# 32754**  
1625 Broadway, Suite 2000  
Denver, CO 80202

Contractor: **Discovery Drilling Co., Inc. LIC#31548**  
PO Box 763  
Hays, KS 67601

Lease: Morel #9

Location: 180' N & 8' W of CN/2 / N/2 / SE  
Sec. 3 / 10S/ 21W  
Graham Co., KS

Loggers Total Depth: 3952'  
Rotary Total Depth: 3950'  
Commenced: 2/7/2007  
Casing: 8 5/8" @ 1789.09' w / 470 sks  
5 1/2" @ 3943.89' w / 250 sks

API#15- 065-23, 274-00-00  
Elevation: 2299' GL / 2307' KB  
Completed: 2/13/2007  
Status: Oil Well

## DEPTHS & FORMATIONS (All from KB)

|                       |       |              |       |
|-----------------------|-------|--------------|-------|
| Surface, Sand & Shale | 0'    | Shale        | 1821' |
| Dakota Sand           | 1111' | Shale & Lime | 2270' |
| Shale                 | 1195' | Shale        | 2753' |
| Cedar Hill Sand       | 1275' | Shale & Lime | 3130' |
| Red Bed Shale         | 1519' | Lime & Shale | 3451' |
| Anhydrite             | 1781' | RTD          | 3950' |
| Base Anhydrite        | 1821' |              |       |

STATE OF KANSAS )  
                          ) ss  
COUNTY OF ELLIS )

Thomas H. Alm of Discovery Drilling states that to the best of his knowledge the above and foregoing is a true and correct log of the above captioned well.

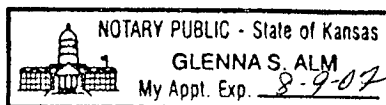
  
\_\_\_\_\_  
Thomas H. Alm

Subscribed and sworn to before me on 2-15-07

My Commission expires: 8-9-07

(Place stamp or seal below)

  
\_\_\_\_\_  
Notary Public



RECEIVED  
KANSAS CORPORATION COMMISSION

MAR 25 2008

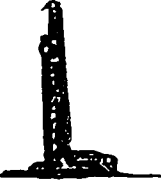
CONSERVATION DIVISION  
WICHITA, KS

MAR 25 2008

CONSERVATION DIVISION  
WICHITA, KS

**DISCOVERY DRILLING**

P. O. Box 763 HAYS, KANSAS 67601



(785) 623-2920

Schmittberger Construction  
Company

Contractor Discovery Drilling Co., Inc. Rig No. 1 Lease Morel Well No. 9  
 Company Elysium Energy, LLC State Kansas County Graham Field Cooper  
 API # 065-23,274 Elevation 2307 K.B. R.T.D. 3950 Spot W12 W2 SE Section 3 Township 10S RN 21W  
 Tool Joint Conn. XH Drill Pipe Size 4 1/2 Drill Collars No. 17 O.D. 6 1/4 I.D. 2 1/4 Pump No. 1 EM500-375  
 Tool Pusher Cliff Mansfield Driller Paul Kozan Driller Syl Rome Driller Tony Jones

| Run No.                     | Size   | Make | Type  | Jet Size | Serial  | Depth From | To   | Feet | Hours | Feet Per Hour | Weight 1000 Lbs. | RPM  | Vert. Dev. | Pump Press. | Formation Tops   |
|-----------------------------|--|------|-------|----------|---------|------------|------|------|-------|---------------|------------------|------|------------|-------------|------------------|
| 1                           | 12 1/4   | HTC  | MOORE | 3/14     | 6005025 | 0          | 1789 | 1789 | 27    | 66.2          | 11120            | 100  | 40         | 600         | Dakota Sand      |
| 2                           | 7 1/8  | HTC  | GX200 | 3/14     | 5109651 | 1789       | 3950 | 2161 | 54    | 40.0          | 20140            | 7470 |            | 900         | Cedar Hills Sand |
| (3950 ÷ 81 HPS = 48.76 FPH) |  |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Trucks                      | Schmittberger Construction Company             |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Water-Hauling               | American Tank Service                          |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Testing                     | None   |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Cement Surface              | Swift Services, LLC                            |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Loggers                     | ELI L.T.D. 3952                                |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Casing Crew                 | Murray Casing Crew                             |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Fuel                        | Schmeiers, Inc.                                |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Mud Company                 | Andy's Type Smpac                              |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Surface Mud Used            | Z Lime 1/2 60 Gel 1/2 22 Hours                 |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Mud Up @                    | 3185'  |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| 1' Drig. Time @             | 3000' 10' Wet & Dry @ 3000'                    |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Mud Cost - \$               | 6,957.85 + HRT                                 |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Surface Pipe - Co. Trucks   | Other  |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Service Mud -               | Yes No   |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Well                        | No   |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Frac Tank                   | Discovery Drilling 15 sks @ Kat Hole           |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Motel                       | None 10 sks @ Mouse Hole                       |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Back Hoe                    | Schmittberger Construction 250 sks (Total) SMD |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Welder                      | Weld Tech                                      |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Reserve Pit Chlorides       | 12,000 Pm - 300 Bbls                           |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Pit Liner                   | 1 - By American Tank Service                   |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Plugging Report             | State Plugging - Herb Deines                   |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Surface Pipe                | Ran 42 jts. used (new) 23 # 8 5/8" casing      |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Talley                      | 1777.09 set @ 1789.09 K.B.                     |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Cemented w/                 | 470 sks. SMD                                   |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Cement                      | Did Circulate (6000 to Pit)                    |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Plug Down @                 | 700 A.M. 2,9,07                                |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Spud @                      | 1030 A.M. 2,7,07                               |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Drilled Plug @              | 700 A.M. 2,9,07                                |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Job By                      | Swift Services, LLC                            |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| WATER INFORMATION           | (Provided by Elysium Energy, LLC)              |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Name -                      |  |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Address -                   |  |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| City                        |  |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Social Security #           |  |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Amount \$                   |  |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Section                     |  |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Township                    |  |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Range                       |  |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Pond                        |  |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Water Well                  |  |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Other                       |  |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| FSL                         |  |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| FEL                         |  |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Dst #1                      |  |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Dst #2                      |  |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Dst #3                      |  |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Dst #4                      |  |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Dst #5                      |  |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Dst #6                      |  |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Dst #7                      |  |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Dst #8                      |  |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Dst #9                      |  |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Dst #10                     |  |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Dst #11                     |  |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |
| Dst #12                     |  |      |       |          |         |            |      |      |       |               |                  |      |            |             |                  |

Schmittberger Construction Company  
 American Tank Service  
 None  
 Swift Services, LLC  
 ELI L.T.D. 3952  
 Murray Casing Crew  
 Schmeiers, Inc.  
 Andy's Type Smpac  
 Z Lime 1/2 60 Gel 1/2 22 Hours  
 3185'  
 3000' 10' Wet & Dry @ 3000'  
 6,957.85 + HRT  
 Other  
 Yes No  
 No  
 Discovery Drilling 15 sks @ Kat Hole  
 None 10 sks @ Mouse Hole  
 Schmittberger Construction 250 sks (Total) SMD  
 Weld Tech  
 12,000 Pm - 300 Bbls  
 1 - By American Tank Service

Geo. Name - Mark Darr  
 Phone - (785) 621-2610