

\* Final ACO-1

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM ORIGINAL  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1  
September 1999  
Form Must Be Typed

AMENDED

Operator: License # 33190  
 Name: Noble Energy, Inc.  
 Address: 1625 Broadway, Suite 2200  
 City/State/Zip: Denver, CO 80202  
 Purchaser: Southern Star  
 Operator Contact Person: Jennifer Barnett  
 Phone: (303) 228-4235  
 Contractor: Name: Excell Services Inc., Wray, CO  
 License: 8273  
 Wellsite Geologist: none  
 Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     SWD     SIOW     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. \_\_\_\_\_

|                                   |                 |   |
|-----------------------------------|-----------------|---|
| 9/19/2008                         | 9/20/2008       | 12/1/2008                               |
| Spud Date or<br>Recompletion Date | Date Reached TD | Completion Date or<br>Recompletion Date |

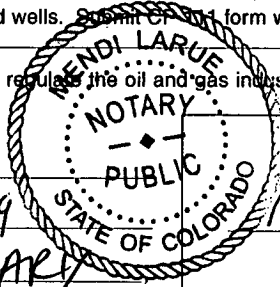
API No. 15 - 023-21051-00-00  
 County: Cheyenne  
 NE    NW    SW    NW    Sec. 17 Twp. 2 S. R. 38  East  West  
1,540' feet from S (N) (circle one) Line of Section  
350' feet from E (W) (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE (NW) SW  
 Lease Name: Keller Farms Well #: 12-17  
 Field Name: Cherry Creek Niobrara Gas Area  
 Producing Formation: Niobrara  
 Elevation: Ground: 3419' Kelly Bushing: 3425'  
 Total Depth: 1526' Plug Back Total Depth: 1467'  
 Amount of Surface Pipe Set and Cemented at 292' cmt w/ 132 sx Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from n/a  
 feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan Air I Nur 3-5-09  
 (Data must be collected from the Reserve Pit)  
 Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
 Dewatering method used \_\_\_\_\_  
 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-11 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: Regulatory Analyst Date: 1/22/09  
 Subscribed and sworn to before me this 22 day of JANUARY  
 2009.  
 Notary Public: Mendi Larue  
 My Commission Expires 09/11/2010  
 Date Commission Expires: \_\_\_\_\_



**KCC Office Use ONLY**

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

**RECEIVED**  
 KANSAS CORPORATION COMMISSION  
**JAN 26 2009**

CONSERVATION DIVISION  
 WICHITA, KS

Operator Name: Noble Energy, Inc. Lease Name: Keller Farms Well #: 12-17  
 Sec. 17 Twp. 2 S. R. 38  East  West County: Cheyenne

**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 checked="" type="checkbox"/> Yes <input 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>Triple Combo (DEN/NEU/IND), CBL/CCL/GR</b> | <input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample<br><br>Name <u>Niobrara</u> Top <u>1325'</u> Datum _____ |
|---|---|

| 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   | 9 7/8"            | 7"                        | 17 Lbs/Ft.        | 292'          | 50/50 POZ      | 132 sx       | 3% CaCl, .25% Flo-celc           |
| Production  | 6-1/4"            | 4-1/2"                    | 10.5 Lbs/Ft.      | 1511'         | Lead Type III  | 32 sx        | 12% gel, 2% CaCl, .25% Polyflake |
|   |                   |                           |                   |               | Tail Type III  | 56 sx        | 2% gel, 1% CFL-80                |

| 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><i>(Amount and Kind of Material Used)</i> | Depth |
|----------------|---|--|-------|
| 3 SPF          | Perf Niobrara interval from 1325'-1363'   | Niobrara frac'd with 500 gals 7.5% HCL acid, 12,000 gals of                              |       |
|                | (38', 3spf, 114 holes) .41" EHD, 120 degree phase   | 25% CO2 foamed gel pad; 31,895 gals 25% CO2 foamed                                       |       |
|                |   | gel carrying 100,140 lbs 16/30 sand. ATP-565 psi; ATR-10.9 bpm.                          |       |

|               |      |        |           |   |
|---------------|------|--------|-----------|---|
| TUBING RECORD | Size | Set At | Packer At | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
|---------------|------|--------|-----------|---|

|  |  |
|--|--|
| Date of First, Resumerd Production, SWD or Enhr.<br><b>1/19/2009</b> | Producing Method <input checked="" 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 |
|                                   | <b>0</b>  | <b>70</b> | <b>0</b>    | <b>0</b>      |         |

Disposition of Gas  Vented  Sold  Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

# BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102  
 Denver, Colorado 80202  
 Phone: 303-296-3010  
 Fax: 303-298-8143  
 E-mail: bisonoil1@qwest.net

VOICE # 7909

LOCATION C.R. 24 + Y KS

FOREMAN Eric, Tony, Tom

## TREATMENT REPORT

| DATE                                 | WELL NAME          | SECTION                              | TWP            | RGE             | COUNTY   | FORMATION |
|--------------------------------------|--------------------|--------------------------------------|----------------|-----------------|----------|-----------|
| 9-19-08                              | Keller Farms 12-17 | 17                                   | 2 <sup>s</sup> | 38 <sup>w</sup> | Cherokee |           |
| CHARGE TO <u>Excell Services</u>     |                    | OWNER                                |                |                 |          |           |
| MAILING ADDRESS                      |                    | OPERATOR <u>mark</u>                 |                |                 |          |           |
| CITY                                 |                    | CONTRACTOR <u>R.g. 2</u>             |                |                 |          |           |
| STATE ZIP CODE                       |                    | DISTANCE TO LOCATION <u>60 miles</u> |                |                 |          |           |
| TIME ARRIVED ON LOCATION <u>2:50</u> |                    | TIME LEFT LOCATION                   |                |                 |          |           |

| WELL DATA                    |                  |               | PRESSURE LIMITATIONS                             |  |                                  |  |
|------------------------------|------------------|---------------|--|--|----------------------------------|--|
| HOLE SIZE                    | TUBING SIZE      | PERFORATIONS  | THEORETICAL                                      |  | INSTRUCTED                       |  |
| <u>9 7/8</u>                 |                  |               |  |  |                                  |  |
| TOTAL DEPTH <u>297</u>       | TUBING DEPTH     | SHOTS/FT      | SURFACE PIPE ANNULUS LONG                        |  |                                  |  |
| <u>Set @ 291</u>             | TUBING WEIGHT    | OPEN HOLE     | STRING   |  |                                  |  |
| CASING SIZE <u>7"</u>        | TUBING CONDITION |               | TUBING   |  |                                  |  |
| CASING DEPTH <u>285</u>      |                  | TREATMENT VIA | TYPE OF TREATMENT                                |  | TREATMENT RATE                   |  |
| CASING WEIGHT <u>17"</u>     | PACKER DEPTH     |               | <input checked="" type="checkbox"/> SURFACE PIPE |  | BREAKDOWN BPM                    |  |
| CASING CONDITION <u>good</u> |                  |               | <input type="checkbox"/> PRODUCTION CASING       |  | INITIAL BPM                      |  |
|                              |                  |               | <input type="checkbox"/> SOOZE CEMENT            |  | FINAL BPM                        |  |
|                              |                  |               | <input type="checkbox"/> ACID BREAKDOWN          |  | MINIMUM BPM                      |  |
|                              |                  |               | <input type="checkbox"/> ACID STIMULATION        |  | MAXIMUM BPM                      |  |
|                              |                  |               | <input type="checkbox"/> ACID SPOTTING           |  | AVERAGE BPM                      |  |
|                              |                  |               | <input type="checkbox"/> MISC PUMP               |  |                                  |  |
|                              |                  |               | <input type="checkbox"/> OTHER                   |  | HYD. HP = RATE X PRESSURE X 40.8 |  |

| PRESSURE SUMMARY         |     |            |     |
|--------------------------|-----|------------|-----|
| BREAKDOWN or CIRCULATING | psi | AVERAGE    | psi |
| FINAL DISPLACEMENT       | psi | ISIP       | psi |
| ANNULUS                  | psi | 5 MIN SIP  | psi |
| MAXIMUM                  | psi | 15 MIN SIP | psi |
| MINIMUM                  | psi |            |     |

INSTRUCTIONS PRIOR TO JOB m.e.p., safety meeting, Est. circ. m.p. 1220 lbs/cm<sup>2</sup> (15 hole mix water)  
yield 1.13 Density 15.2, Displace 11 BBLs H<sub>2</sub>O, shut in well wash up to pt

JOB SUMMARY  
 DESCRIPTION OF JOB EVENTS m.e.p. (2:50) - safety meeting (4:00) - Est. circ. (4:07) - m.p. 1220 lbs/cm<sup>2</sup> (4:09) - Displace 11 BBLs H<sub>2</sub>O (4:23) - shut in well wash up to pt (4:31)

RECEIVED  
 KANSAS CORPORATION COMMISSION  
 JAN 26 2009  
 CONSERVATION DIVISION  
 WICHITA, KS

[Signature] AUTHORIZATION TO PROCEED      [Signature] TITLE      9-19-08 DATE

Customers hereby acknowledge and specifically agree to the terms and conditions on this work order, including, without limitation, the provisions on the reverse side hereof which include the release and indemnity.



Denver, Colorado 80202  
 Phone: 303-298-3010  
 Fax: 303-298-8143  
 E-mail: bison011@qwest.net

7027

LOCATION *WK 04*

FOREMAN *PAT JUSTIN MOTT*

TREATMENT REPORT

| DATE                            | WELL NAME                 | SECTION                        | TWP       | RGE                                  | COUNTY         | FORMATION |
|---------------------------------|---------------------------|--------------------------------|-----------|--------------------------------------|----------------|-----------|
| <i>9-20-08</i>                  | <i>KRIKER FARMS 12-17</i> | <i>17</i>                      | <i>25</i> | <i>36W</i>                           | <i>CLATSOP</i> |           |
| CHARGE TO <i>EXCEL SERVICES</i> |                           | OWNER <i>NOBLE</i>             |           | OPERATOR                             |                |           |
| MAILING ADDRESS                 |                           | CONTRACTOR <i>EXCEL 2</i>      |           | DISTANCE TO LOCATION <i>60 miles</i> |                |           |
| CITY                            |                           | TIME LEFT LOCATION <i>9:15</i> |           | TIME ARRIVED ON LOCATION <i>6:00</i> |                |           |
| STATE ZIP CODE                  |                           |                                |           |                                      |                |           |

| WELL DATA                    |                  |               | PRESSURE LIMITATIONS                                  |                                  |                |
|------------------------------|------------------|---------------|---|----------------------------------|----------------|
| HOLE SIZE <i>6 1/2</i>       | TUBING SIZE      | PERFORATIONS  |   | THEORETICAL                      | INSTRUCTED     |
| TOTAL DEPTH <i>1526</i>      | TUBING DEPTH     | SHOTS/FT      |   | SURFACE PIPE ANNULUS LONG.       |                |
|                              | TUBING WEIGHT    | OPEN HOLE     |   | STRING                           |                |
| CASING SIZE <i>4 1/2</i>     | TUBING CONDITION | TREATMENT VIA |   | TUBING                           |                |
| CASING DEPTH <i>1504</i>     |                  |               | TYPE OF TREATMENT                                     |                                  | TREATMENT RATE |
| CASING WEIGHT <i>105</i>     | PACKER DEPTH     |               | <input type="checkbox"/> SURFACE PIPE                 | BREAKDOWN BPM                    |                |
| CASING CONDITION <i>Good</i> |                  |               | <input checked="" type="checkbox"/> PRODUCTION CASING | INITIAL BPM                      |                |
|                              |                  |               | <input type="checkbox"/> SQUEEZE CEMENT               | FINAL BPM                        |                |
|                              |                  |               | <input type="checkbox"/> ACID BREAKDOWN               | MINIMUM BPM                      |                |
|                              |                  |               | <input type="checkbox"/> ACID STIMULATION             | MAXIMUM BPM                      |                |
|                              |                  |               | <input type="checkbox"/> ACID SPOTTING                | AVERAGE BPM                      |                |
|                              |                  |               | <input type="checkbox"/> MISC PUMP                    | HYD HHP = RATE X PRESSURE X 40.0 |                |
|                              |                  |               | <input type="checkbox"/> OTHER                        |                                  |                |

INSTRUCTIONS PRIOR TO JOB *MIRU SALT meeting EST-URE with 20 BBS with*  
*MDP 13 BBS lead cut 12.0 DENSITY 2.64 YIELD 12 BBS with*  
*MDP 13 BBS lead cut 13.8 DENSITY 1.87 YIELD 13 BBS with*  
*DRUG plug DISPLAC 23.8 BBS 1420 BUMP plug 1200 to 1500 PSI*  
*Release PRESSURE LOSS LAD P.T.A. DOWN*

JOB SUMMARY  
 DESCRIPTION OF JOB EVENTS *MIRU 6:00 - SALT 7:45 - MTT 8:00*  
*CEM 8:10 DRP 8:14 DIS 8:15 10AUG 8:17 PSI 200*  
*20AUG 8:21 PSI 500 23.8 AUG 8:24 PSI 1500*  
*13 BBS PPT 4*

RECEIVED  
 KANSAS CORPORATION COMMISSION  
 JAN 26 2009  
 CONSERVATION DIVISION  
 WICHITA, KS

*Pat Mott*  
 AUTHORIZATION TO PROCEED TITLE DATE

Customers hereby acknowledges and specifically agrees to the terms and conditions on this work order, including, without limitation, the provisions on the reverse side hereof which include the release and indemnity.