

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.  
Address: 1625 Broadway, Suite 2200  
City/State/Zip: Denver, CO 80202  
Purchaser: \_\_\_\_\_  
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. \_\_\_\_\_

| 12/18/2008                        | 12/21/2008      | 2/4/2009                                |
|-----------------------------------|-----------------|---|
| Spud Date or<br>Recompletion Date | Date Reached TD | Completion Date or<br>Recompletion Date |

API No. 15 - 023-21174-00-00  
County: Cheyenne  
SW NW NW Sec. 9 Twp. 3 S. R. 38  East  West  
420' feet from S /  (circle one) Line of Section  
230' feet from E /  (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE  NW SW  
Lease Name: Ketzner SWD Well #: 1  
Field Name: Orlando

Producing Formation: Cedar Hills  
Elevation: Ground: 3399' Kelly Bushing: 3411'  
Total Depth: 3675' Plug Back Total Depth: 2460'  
Amount of Surface Pipe Set and Cemented at 398', cmt w/ 200 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.

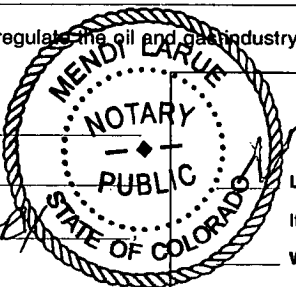
**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

*Alt 1 - Dlg - 4/1/09*

**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: Regulatory Analyst Date: 2/24/09  
Subscribed and sworn to before me this 24 day of FEBRUARY  
20 09.  
Notary Public: Mendi Earle  
Date Commission Expires: 09/11/2010



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

RECEIVED  
KANSAS CORPORATION COMMISSION  
FEB 25 2009

Operator Name: Noble Energy, Inc. Lease Name: Ketzner SWD Well #: 1  
 Sec. 9 Twp. 3 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><br>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><i>(Submit Copy)</i><br><br>X<br><br>List All E. Logs Run:<br><br><b>Triple Combo (DEN/NEU/IND), Micro log,<br/>                 P&amp;S Curves, CBL/VDL/CCL</b> | <input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample<br><br>Name <u>Cedar Hills</u> Top <u>3194'</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   | 12-1/4"           | 9-5/8"                    | 36 Lbs/Ft.       | 398'          | 50/50 POZ          | 200 sx       | 3% BCCA-1, .25% BCFA-1        |
| Production  | 8-3/4"            | 7"                        | 23 Lbs./Ft.      | 3587'         | Stage 1, 50/50 POZ | 50 + 175 sx  | 3% BCCA-1, .25% BLFA-1        |
|   |                   |                           |                  |               | Stage 2, 50/50 POZ | 270 + 50 sx  | 12% BBG-1, 2% BCCA, .25% BLFA |

| 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<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br>(Amount and Kind of Material Used) | Depth |
|----------------|---|---|-------|
| 3 SPF          | Perf Cedar Hills interval from 3220'-3270'  | Pump 2500 Gallons of 15% HCL  |       |
|                | (50', 4spf, 200 holes) .45" EHD, 120 degree phase   |   |       |
|                |   |   |       |
|                |   |   |       |

|               |                    |                     |                         |   |
|---------------|--------------------|---------------------|-------------------------|---|
| TUBING RECORD | Size <u>3-1/2"</u> | Set At <u>3214'</u> | Paacker At <u>3214'</u> | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
|---------------|--------------------|---------------------|-------------------------|---|

|   |   |
|---|---|
| Date of First, Resumerd Production, SWD or Enhr.<br><b>Waiting for injection approval</b> | 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. <u>n/a</u> | Gas Mcf <u>n/a</u> | Water Bbls. <u>n/a</u> | Gas-Oil Ratio <u>n/a</u> | Gravity |
|-----------------------------------|----------------------|--------------------|------------------------|--------------------------|---------|

Disposition of Gas      METHOD OF COMPLETION      Production Interval

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

# BISON OIL WELL CEMENTING, INC.



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

OWT 1'-15"

REF. INVOICE # 8187  
 LOCATION KS  
 FOREMAN STANLEY R. STIMPSON  
Tom G.  
Randy

## TREATMENT REPORT

| DATE     | WELL NAME      | SECTION | TWP | RGE | COUNTY   | FORMATION |
|----------|----------------|---------|-----|-----|----------|-----------|
| 12-18-08 | KETZNER SWD #1 | 9       | 3   | 38W | Cheyenne |           |

|  |                                |
|--|--------------------------------|
| CHARGE TO <u>Noble</u>                   | OWNER                          |
| MAILING ADDRESS                          | OPERATOR <u>Tom Thomas</u>     |
| CITY                                     | CONTRACTOR <u>EXCELL Rig 3</u> |
| STATE ZIP CODE                           | DISTANCE TO LOCATION           |
| TIME ARRIVED ON LOCATION <u>11:30 pm</u> | TIME LEFT LOCATION <u>4:20</u> |

| WELL DATA                    |                  |              | PRESSURE LIMITATIONS                             |                                  |                |
|------------------------------|------------------|--------------|--|----------------------------------|----------------|
| HOLE SIZE <u>12 1/4</u>      | TUBING SIZE      | PERFORATIONS |  | THEORETICAL                      | INSTRUCTED     |
| TOTAL DEPTH <u>410</u>       | TUBING DEPTH     | SHOTS/FT     | SURFACE PIPE ANNULUS LONG                        |                                  |                |
|                              | TUBING WEIGHT    | OPEN HOLE    | STRING   |                                  |                |
| CASING SIZE <u>9 5/8</u>     | TUBING CONDITION |              | TUBING   |                                  |                |
| CASING DEPTH <u>397.50</u>   | TREATMENT VIA    |              | TYPE OF TREATMENT                                |                                  | TREATMENT RATE |
| CASING WEIGHT <u>36</u>      | PACKER DEPTH     |              | <input checked="" type="checkbox"/> SURFACE PIPE | BREAKDOWN BPM                    |                |
| CASING CONDITION <u>good</u> |                  |              | <input type="checkbox"/> PRODUCTION CASING       | INITIAL BPM                      |                |
| PRESSURE SUMMARY             |                  |              | <input type="checkbox"/> SQUEEZE CEMENT          | FINAL BPM                        |                |
| BREAKDOWN or CIRCULATING psi | AVERAGE psi      |              | <input type="checkbox"/> ACID BREAKDOWN          | MINIMUM BPM                      |                |
| FINAL DISPLACEMENT psi       | ISIP psi         |              | <input type="checkbox"/> ACID STIMULATION        | MAXIMUM BPM                      |                |
| ANNULUS psi                  | 5 MIN SIP psi    |              | <input type="checkbox"/> ACID SPOTTING           | AVERAGE BPM                      |                |
| MAXIMUM psi                  | 15 MIN SIP psi   |              | <input type="checkbox"/> MISC PUMP               |                                  |                |
| MINIMUM psi                  |                  |              | <input type="checkbox"/> OTHER                   | HYD HHP = RATE X PRESSURE X 40.8 |                |

INSTRUCTIONS PRIOR TO JOB MIRU SAFETY MEETING EST-CIRC  
m-p 200 SHS 50/50 FOR 3% BCAA 0.25% BLEA-1-23.70 BBIS MIX  
Drop Plug DISPLACE 27.8 BBIS H2O shut in well  
washed to P.T Rig down

JOB SUMMARY  
 DESCRIPTION OF JOB EVENTS MIRU-2:40 SAFE-3:10  
CEMENT-3:26 DROP PLUG-3:36  
DISPLACE-3:40 BBIS TO P.T 8  
shut in well 3:45

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 KANSAS CORPORATION COMMISSION  
 FEB 25 2009  
 CONSERVATION DIVISION  
 WICHITA, KS

Tom Thomas  
 AUTHORIZATION TO PROCEED

TITLE

12-19-08  
 DATE

# 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

*2/22/09*

*OWT 7:30*

REF. INVOICE # 8189  
 LOCATION KS  
 FOREMAN STANLEY R. STIMPSON  
TOM RANDY ALLEN

## TREATMENT REPORT

| DATE     | WELL NAME      | SECTION | TWP | RGE | COUNTY   | FORMATION |
|----------|----------------|---------|-----|-----|----------|-----------|
| 12-23-08 | KETZNER SWD-#1 | 96      | 7N  | 38W | CHRYSTIE |           |

|  |                                    |
|--|------------------------------------|
| CHARGE TO <u>NOBLE ENERGY</u>            | OWNER                              |
| MAILING ADDRESS                          | OPERATOR <u>TOM TOMPSON</u>        |
| CITY                                     | CONTRACTOR <u>EXCELL RIG 3</u>     |
| STATE ZIP CODE                           | DISTANCE TO LOCATION               |
| TIME ARRIVED ON LOCATION <u>12:00 AM</u> | TIME LEFT LOCATION <u>11:30 AM</u> |

| WELL DATA                    |                         |               | PRESSURE LIMITATIONS  |                                  |                |
|------------------------------|-------------------------|---------------|---|----------------------------------|----------------|
| HOLE SIZE                    | TUBING SIZE             | PERFORATIONS  |   | THEORETICAL                      | INSTRUCTED     |
| TOTAL DEPTH <u>3675</u>      | TUBING DEPTH            | SHOTS/FT      | SURFACE PIPE ANNULUS LONG   |                                  |                |
| CASING SIZE <u>7"</u>        | TUBING WEIGHT           | OPEN HOLE     | STRING  |                                  |                |
| CASING DEPTH <u>3587</u>     | TUBING CONDITION        | TREATMENT VIA | TUBING  |                                  |                |
| CASING WEIGHT                | PACKER DEPTH            |               | TYPE OF TREATMENT   |                                  | TREATMENT RATE |
| CASING CONDITION             | <u>PBTD 3564 - 2445</u> |               | <input type="checkbox"/> SURFACE PIPE                                 | BREAKDOWN BPM                    |                |
| PRESSURE SUMMARY             |                         |               | <input type="checkbox"/> PRODUCTION CASING                            | INITIAL BPM                      |                |
| BREAKDOWN or CIRCULATING psi | AVERAGE psi             |               | <input type="checkbox"/> SQUEEZE CEMENT                               | FINAL BPM                        |                |
| FINAL DISPLACEMENT psi       | ISIP psi                |               | <input type="checkbox"/> ACID BREAKDOWN                               | MINIMUM BPM                      |                |
| ANNULUS psi                  | 5 MIN SIP psi           |               | <input type="checkbox"/> ACID STIMULATION                             | MAXIMUM BPM                      |                |
| MAXIMUM psi                  | 15 MIN SIP psi          |               | <input type="checkbox"/> ACID SPOTTING                                | AVERAGE BPM                      |                |
| MINIMUM psi                  |                         |               | <input type="checkbox"/> MISC PUMP                                    |                                  |                |
|                              |                         |               | <input checked="" type="checkbox"/> OTHER <u>LONG STRING DISPOSAL</u> | HYD HHP = RATE X PRESSURE X 40.8 |                |

INSTRUCTIONS PRIOR TO JOB MIRU SAFETY meeting EST-CIRC

m-p 50 SKS 50/50 POZ 12% BBG-1 2% DECAT 25% BFA M-175 SKS 50/50 POZ 3% BFA 25% BFA  
Drop Plug - Displace 140 BBLS H2O SET Plug 400 STOVER Pump PST - Rig Circ 3HRS - Drop Bomb B  
m-p 270 SKS 50/50 POZ 12% BBG-1 2% BFA 1 25% BFA 1/m-p 50 SKS 50/50 POZ 3% BFA 1 25% BFA  
Drop Plug Displace 96 BBLS H2O - wash up TOPIT Rig down

JOB SUMMARY  
 DESCRIPTION OF JOB EVENTS MIRU 3:50 SAFE- 4:38  
1st stage - m-p 50 SKS LEAD - 5:03 m-p 175 SKS TAIL - 5:10 Drop Plug - 5:18  
Displace 140 BBLS H2O - 5:20 Drop Bomb B - 6:00 Circ TOOPCA PERFS - 6:15  
Rig Circ -  
2nd stage - m-p 270 SKS LEAD - 9:45 m-p 50 SKS TAIL - 10:00 Drop Plug - 10:25  
Displace 96 BBLS H2O - 10:28 SET Plug - 11:00

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 WANSAS CORPORATION COMMISSION  
 FEB 25 2009  
 CONSERVATION DIVISION  
 WICHITA, KS

[Signature] 12-23-08  
 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.