KANSAS CORPORATION COMMISSION ORIGINAL Form ACO-1 OIL & GAS CONSERVATION DIVISION ORIGINAL September 1999 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE



| Name: Noble Energy, Inc. Address: 1625 Broadway, Suite 2200 City/State/Zip: Denver. CO 80202 City/State/Zip: Denver. CO 80202 Purchaser: Kinder Morgan/ Big Timber Operator Contact Person: Jennife Barnett Phone: (303) 228-4342 Contractor: Name: Excell Services Inc., Wray, CO Licenses: 8273 Well still 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 Werkover/Re-entry: Oid Well Into as follows: Operator: n/a Well Name: Original Comp. Date: Original Total Depth: 16ed total Depth Deepening Re-perf. Corv. to Entr./SWD Plug Back Plug Back Total Depth Deepening Re-perf. Corv. to Entr./SWD Dual Completion Docket No. Ober (SWD or Entr.?) Docket No. Dual Completion Docket No. Dual Reached TD Recompletion Docket No. Dewatering method used Location of fluid disposal if hauled offsite: Docket No: | | Trigren |
|---|--|---|
| Name Nobbe Energy, Inc. County: Cheysenne C25 Broadway, Suite 2200 | Operator: License # 33190 | API No. 15 - 023-21186-00-00 |
| Address: 1825 Broadway, Suite 2200 Chy/State/2p. Denver, CO 80202 Chy/State/2p. Denver, Co 8 | Name: Noble Energy, Inc. | |
| City/State/Zip. Denver, CO. 80202 Survives more Section Survives more Surv | Address: 1625 Broadway, Suite 2200 | |
| Purchaser: Kinder Morgan Big Timber Operator Contact Person: Jennifer Bemet Ochtractor: Name: Excell Services inc., Wray, CO License: 8273 Wellste Geologist: none Designate Type of Completion: New Well Re-Entry | City/State/Zip: Denver, CO 80202 | |
| Operator Contact Person: | | 1 0501 |
| Phone: (303) 228-342 | Operator Contact Person: Jennifer Barnett | |
| Contractor: Name: Excell Services Inc., Wray, CO Licenses: 8273 Wellstie Geologiet: none Designate Type of Completion: New Well Re-Entry Workover | | |
| Field Name Cherry Creek Niobrara Gas Area | Contractor: Name: Excell Services Inc., Wray, CO | |
| Wellsite Geologist: | License: 8273 | Field Name: Cherry Creek Niobrara Gas Area |
| Designate Type of Completion: New Well | | |
| Total Depth: 1542' Plug Back Total Depth: 1498' Amount of Surface Pipe Set and Cemented at 255c,cmt w/ 100 sx Fee Multiple Stage Cementing Collar Used? Yes [7] N Multiple Stage Cementing Collar | | Elevation: Ground: 3382' Kelly Bushing: 3391' |
| Amount of Surface Pipe Set and Cemented at \$256',cmt w/ 100 sx Fet Multiple Stage Cementing Collar Used? Yes \$\sqrt{N}\$ Multiple Stage Cementing Collar Stage Cementing Cells of Multiple Stage Cells of Multiple Stage Cementing Cement Plan (Date of Multiple Stage Cementing Cement Plan (Date of Multiple Stage Cells Stag | | |
| Multiple Stage Cementing Collar Used? | ř | |
| Dry Other (Core, WSW, Expl., Cathodic, etc) If Workover/Re-entry: Old Weil Info as follows: Operator: n/a | · · | |
| If Alternate II completion, cement circulated from m/a feet depth to | | |
| Departer: | | |
| Well Name: Original Comp. Date:Original Total Depth:Original Comp. Date:Original Total Depth:Original Comp. Date:Original Total Depth:Original Comp. Date:Original Total Depth:Original Comp. Date:Original Comp. Date:Original Total Depth: | • | |
| Original Comp. Date: Original Total Depth: Date: Original Total Depth: Original Comp. Date: Original Total Depth: Original Comp. Date: Original Total Depth: Original Depth: Original Total Depth: Ori | | , |
| Deepening Re-perf. Conv. to Enhr/SWD Plug Back Plug Back Total Depth Dewatering method used Commingled Docket No. Dual Completion Docket No. Other (SWD or Enhr.?) Docket No. Date Reached TD Completion Date or Recompletion Date or Recompletion Date Spud 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 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 with the 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 statement rerein are complete and correct to the best of my knowledge. Signature: Wireline Log Received If Denied, Yes Date: Wireline Log Received JAN 1 1 20 | • | |
| Plug Back | • | |
| Dual Completion Docket No. Other (SWD or Enhr.?) Docket No. I1/23/2008 Spud Date or Recompletion Date Spud 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 statement herein are complete and correct to the best of my knowledge. KCC Office Use ONLY Wireline Log Received If Denied, Yes Date: Wireline Log Received If Denied, Yes Date: Wireline Log Received JAN 1 1 20 | | • |
| Other (SWD or Enhr.?) Docket No. Other (SWD or Enhr.?) Docket No. 11/23/2008 11/24/2008 Spud Date or Recompletion Date Operator Name: Lease Name: Outer Sec. Twp. S. R. East Wes 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 tor confidentiality in excess of 12 months). One copy of all wirefine 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 statement nerein are complete and correct to the best of my knowledge. KCC Office Use ONLY Letter of Confidentiality Received If Denied, Yes Date: Wireline Log Received Geologist Report Received JAN 1 1 20: My Commission Expires 09/11/2010 | | |
| Other (SWD or Enhr.?) Other (SWD or Enhr.?) Operator Name: License No.: Ounter Sec. Twp. S. R. East Wes County: Docket No.: Ounter Sec. Twp. S. R. East Wes County: Ounter Sec. Twp. Sec. T | Dual Completion Docket No | Location of fluid disposal if hauled offsite: |
| 11/23/2008 11/24/2008 11/30/2009 Date Reached TD Completion Date or Recompletion Date or Recompletion Date Completion Date County: Docket No.: East West County: East West East West East West East East West East West East East East West East East East West East East West East East East West East East East East West East | Other (SWD or Enhr.?) Docket No | Operator Name: |
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| Letter of Confidentiality Received Letter of Confidentiality Received Letter of Confidentiality Received Letter of Confidentiality Received Letter of Confidentiality Received Letter of Confidentiality Received Letter of Confidentiality Received Letter of Confidentiality Received Letter of Confidentiality Received | nerein are complete and correct to the best of my knowledge. | |
| Letter of Confidentiality Received Support | Signature: WMML KMWIII | KCC Office Use ONLY |
| Wireline Log Received Geologist Report Received JAN 1 1 20 My Commission Expires 09/11/2010 | | Letter of Confidentiality Received |
| Colory Public: Geologist Report Received UIC Distribution JAN 1 1 20 My Commission Expires 09/11/2010 | supplied and swang to before me this 5 day of JANUAR | · / |
| Notary Public UIC Distribution JAN 1 1 201 | O LOTARY: DO | , LOLIVED |
| Date Commission Expires 09/11/2010 | DUDING 1 | Geologist Report Received UIC Distribution JAN 1 1 20 |
| | My Commission Expires 09/11/201 | 10 |

Side Two .

| | | Energy, Inc. | | | Lease Name: Cook Farms | | | Well #: ²⁴⁻⁹ | | | |
|--|---|------------------|--------------------------|----------------------|------------------------|---|---------------------|---|----------------------------------|--|--|
| Sec. 9 Twp. 2 S. R. 38 | | | | | | | | | | | |
| 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 | | | | | | og Formation (Top), Depth and Datum Sample | | | | | |
| Samples Sent to Geological Survey Cores Taken | | | es No es No | No | | | | Top 1319' | Datum | | |
| Triple Combo (DEN/NEU/IND), CBL/CCL/GR, Perforation Record | | | | | | | | | | | |
| CASING RECORD | | | | | | | | | | | |
| Purpose of String | Size Hole Drilled | | e Casing (In O.D.) | Weight Lbs. / Ft. | | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives | | |
| Surface | 9 7/8" | 7" | | 20 Lbs/Ft. | | 256' | 50/50 POZ | 100 sx | 3% CaCl, .25% Flo-cele | | |
| Production 33% | 6,1/4" | 4 | 1/2" | 11.6 Lbs./Ft. | | 1539' | Lead Type III | 33 sx | 12% Gel, 2% CaCl, .25% Polyflake | | |
| | | | | | | | Tail Type III | 56 sx | 2% Gel, 1% CFL-80 | | |
| | | | ADDITIONAL | CEMENTI | NG / SQL | JEEZE RECORD | | | | | |
| Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone | Depth Top Bottom | Туре | of Cement | #Sacks | Used | | Type and Pe | ercent Additives | 3 | | |
| Shots Per Foot | PERFORATION | ON RECOF | RD - Bridge Plug | s Set/Type | | Acid, Frad | cture, Shot, Cement | Squeeze Reco | rd | | |
| · · · | Specify Footage of Each Interval Perforated | | | | | (Amount and Kind of Material Used) Depth | | | | | |
| 3 spf | Perf Niobrara interval from 1316'-1346' | | | | | Niobrara frac'd with 500 gals 7.5% HCL acid, 12,000 gals of | | | | | |
| | (30', 3spf, 90 holes) .45" EHD, 120 degree phase) | | | | | 25% CO2 foamed gel pad; 31,906 gals 25% CO2 foamed gel carrying 90,120 lbs 16/30 sand and 10,000 lbs Resin coated sand. | | | | | |
| | | | | | | ATP-568 psi; AFR-13.2 bpm. | | | | | |
| | | | | | | j | | | | | |
| TUBING RECORD | , | Liner Run Yes No | | | | | | | | | |
| Date of First, Resumer | rd Production, SWD or E | nhr. | Producing Meth | - | Flowing | g\ Pumpii | ng Gas Lift | Oth | er (Explain) | | |
| Estimated Production Per 24 Hours | Oil | Bbls. | Gas 38 | Mcf | Wate | | bls. G | as-Oil Ratio | Gravity 0 | | |
| Disposition of Gas | METHOD OF C | | | <u>l</u> | * , 1 | Production Inter | | \ \s\\ | Y - 1 - | | |
| Vented Sold (If vented, So | Used on Lease | | Open Hole Other (Special | Perf | · > 🗆 ! | Dually Comp. | Commingled | , · · · · · · · · · · · · · · · · · · · | -17 | | |