

1625 Broadway  
Suite 2000  
Denver, CO 80202

Tel: 303.228.4000

Fax: 303.228.4280

www.nobleenergyinc.com



December 14, 2010

Colorado Oil and Gas Conservation Commission  
The Chancery Building  
1120 Lincoln Street, Suite 801  
Denver, CO 80203

Attn: Mr. David Neslin, Director

RE: **BERNHARDT STATE PC N36-27D**  
Codell/Niobrara New Drill  
Township 5 North, Range 67 West, 6th P.M.  
Section 36: NE/4NE/4: 1310' FNL & 955' FEL (Surface Location)  
Section 25: SW/4SE/4: 100' FSL & 1320' FEL (Bottom Hole Location)  
Weld County, Colorado

Mr. Neslin:

Noble Energy, Inc. ("NEI") is planning to drill the captioned boundary well in accordance with the provisions of COGCC Rule 318A.e.

NEI's proposed wellbore spacing unit consists of the S/2SE/4 of Section 25 and the N/2NE/4 of Section 36, T5N, R67 W, creating a 160-acre wellbore spacing unit. NEI is not the only owner within the proposed wellbore spacing unit and as such provided notice to the remaining owner(s) within said proposed spacing unit as required under COGCC Rule 318A.e(6). Copies of the required notice letter(s) is/are on file at the NEI offices. The required twenty (20) day notice period has elapsed absent the receipt by NEI of an objection to said proposal by the owner(s) within the proposed spacing unit for this well.

Enclosed are copies of the following documents to assist you in your review and approval of NEI's proposed APD for the captioned well:

- Plat illustrating the proposed wellbore spacing unit and number of Codell/Niobrara wells located within the existing 160-acre governmental quarter section (SE/4) to be less than eight (8) in accordance with COGCC Rule 318A.f.
- Plat illustrating proposed wellbore spacing unit on existing location plat.

Thank you for your attention to the enclosed. NEI respectfully requests that the COGCC review the enclosed information and approve the Application for Permit to Drill the captioned well.

Sincerely,

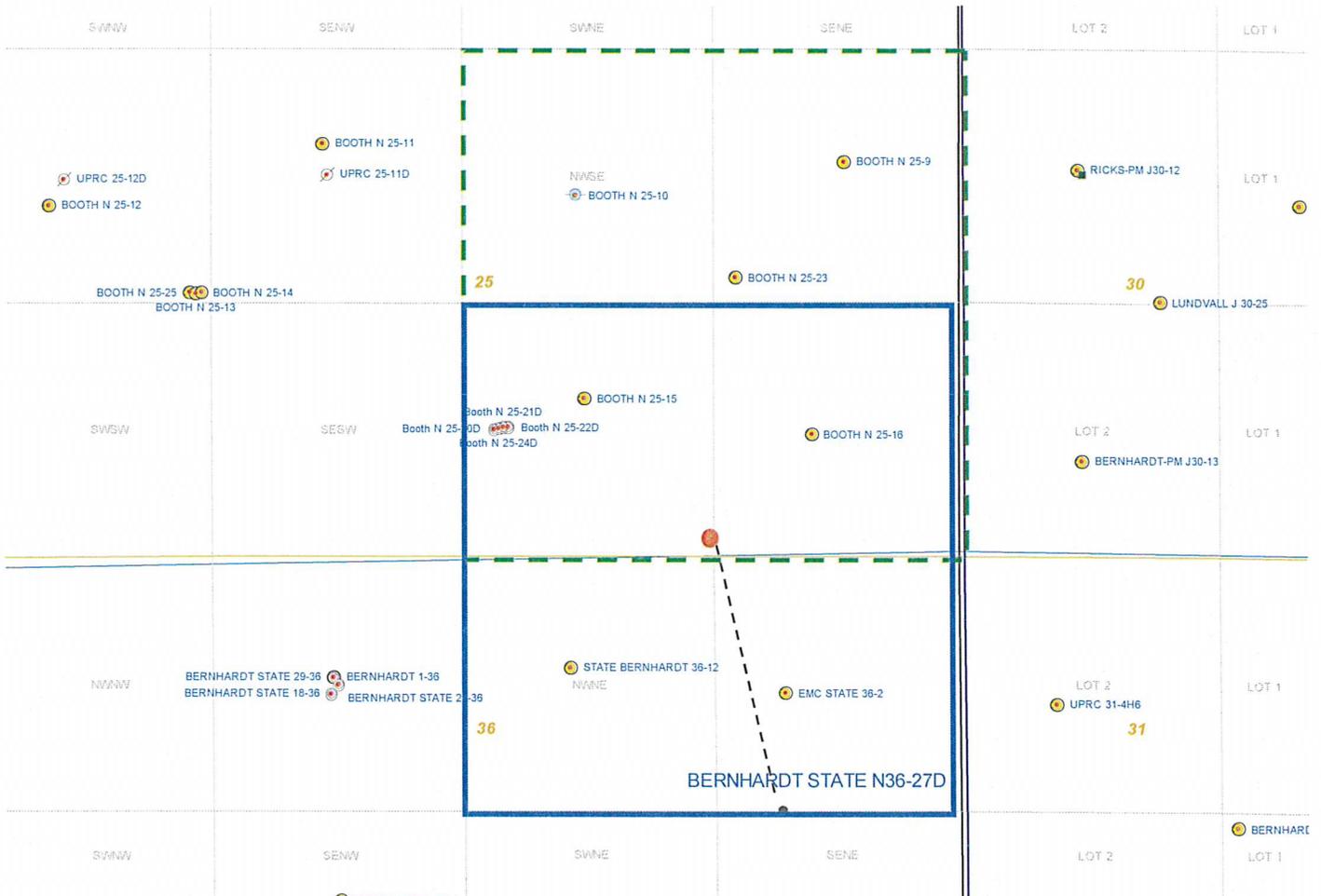
A handwritten signature in blue ink that reads 'Mari Clark'.

Mari Clark  
Regulatory Analyst II  
Noble Energy Inc.

# BERNHARDT STATE PC N36-27D

## 318Ae Proposed Spacing Unit – Noble Energy, Inc

### SW/4SE/4 Section 25, Township 5 North, Range 67 West



#### Legend



Proposed 160 acre spacing unit



Bottom Hole Location

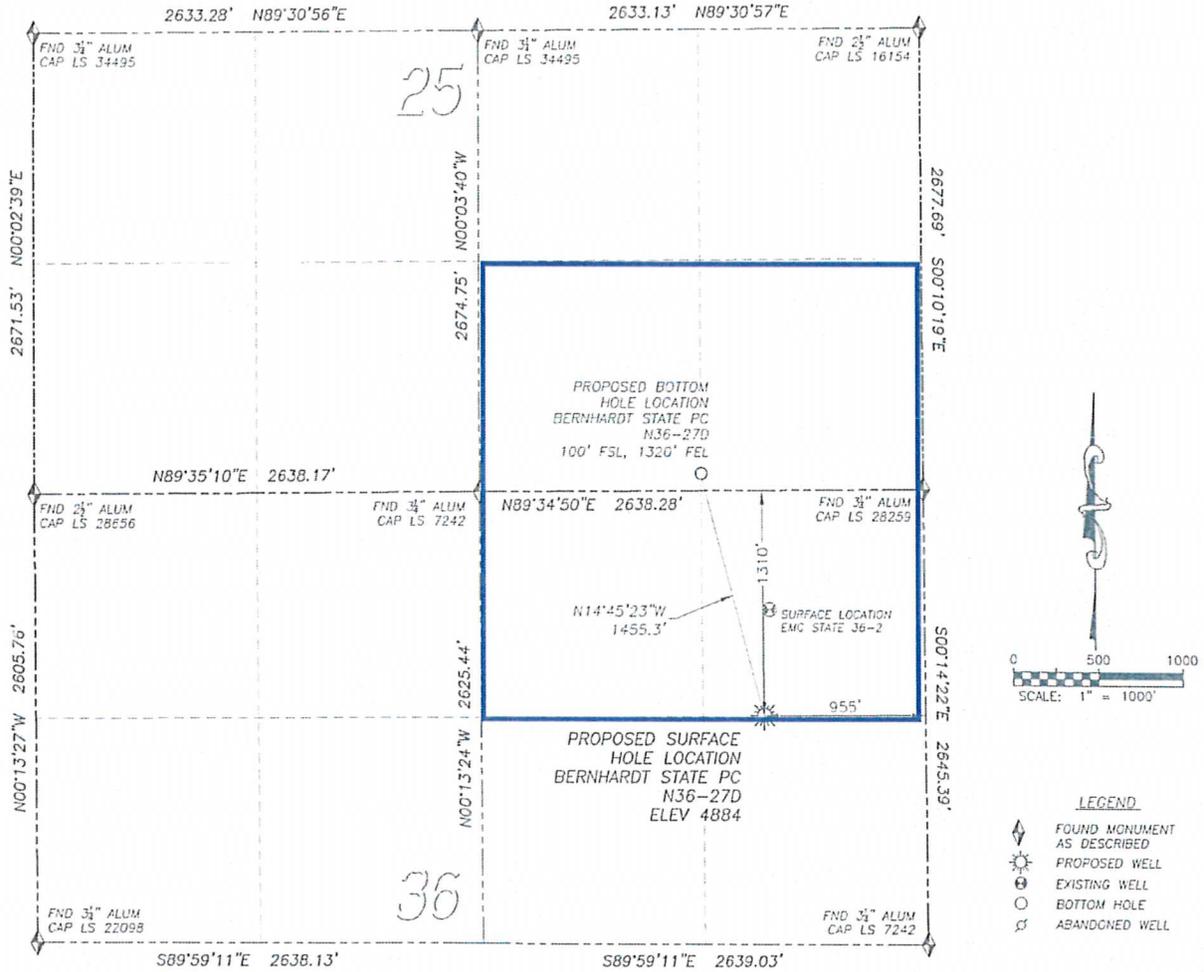


Bottom Hole Located SW/4SE/4, Sec. 25, T5N, R67W

The governmental  $\frac{1}{4}$  Section has less than 8 bottom hole wells producing from the Codell, Niobrara, and J-Sand formations.

# WELL LOCATION CERTIFICATE BERNHARDT STATE PC N36-27D

SECTION 36, TOWNSHIP 5 NORTH, RANGE 67 WEST OF THE 6TH PRINCIPAL MERIDIAN



- LEGEND**
- FOUND MONUMENT AS DESCRIBED
  - PROPOSED WELL
  - EXISTING WELL
  - BOTTOM HOLE
  - ABANDONED WELL

**NAD 83 LATITUDE AND LONGITUDE**

**BERNHARDT STATE PC N36-27D**

**SURFACE HOLE:**

LATITUDE: N40.35971'  
LONGITUDE: W104.83546'  
ELEVATION: 4884'  
PDOP 1.6  
1310' FNL, 955' FEL

**BOTTOM HOLE:**

LATITUDE: N40.36357'  
LONGITUDE: W104.83678'  
100' FSL, 1320' FEL SEC 25

**NEAREST EXISTING WELL:**

EMC STATE 36-2  
LATITUDE: N40.36140'  
LONGITUDE: W104.83533'  
ELEVATION: 4895  
616' NORTH

**QUARTER/QUARTER:** NE4/NE4

**NEAREST APPARENT PROPERTY LINE:**  
364'± WEST

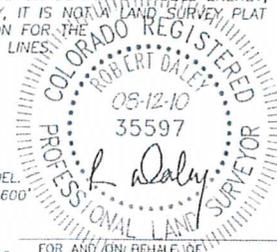
IN ACCORDANCE WITH A REQUEST FROM MATT CAMPBELL OF NOBLE ENERGY INC., DALEY LAND SURVEYING, INC. HAS DETERMINED THE SURFACE LOCATION OF THE BERNHARDT STATE PC N36-27D WELL TO BE 1310' FNL, 955' FEL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINES OF SECTION 36, TOWNSHIP 5 NORTH, RANGE 67 WEST OF THE 6TH PRINCIPAL MERIDIAN, WELD COUNTY, COLORADO. THE BOTTOM HOLE LOCATION, PROVIDED BY THE CLIENT, IS TO BE 100' FSL, 1320' FEL OF SEC. 25.

I HEREBY CERTIFY THAT THIS WELL LOCATION CERTIFICATE WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION, THAT THE WORK WAS COMPLETED ON 8/6/2010 FOR AND ON BEHALF OF NOBLE ENERGY, INC., AND THAT THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY, IT IS NOT A LAND SURVEY PLAT OR AN IMPROVEMENT SURVEY PLAT AND IT IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OF FENCE, BUILDING OR OTHER FUTURE IMPROVEMENT LINES.

**NOTES:**

- 1) BEARINGS FOR THIS MAP ARE ASSUMED AND BASED UPON GPS OBSERVATIONS MADE BETWEEN MONUMENTS LOCATED AT THE NORTHEAST CORNER AND EAST QUARTER CORNER OF SECTION 36, T.5N., R.67W.
- 2) HORIZONTAL DATUM IS NAD83.
- 3) VERTICAL DATUM IS NAVD83. ELEVATIONS ARE DERIVED FROM GPS OBSERVATIONS PROCESSED THROUGH OPUS, UTILIZING THE GEOID03 MODEL.
- 4) SEE VISIBLE IMPROVEMENTS EXHIBIT FOR VISIBLE IMPROVEMENTS WITHIN 600' OF PROPOSED SURFACE HOLE LOCATION.
- 5) SURFACE USE: PASTURE.

NOTICE: According to Colorado law you MUST commence any legal action based upon any defect in this W.L.C. within three years after you first discover such defect. In no event may any action based upon any such defect in this W.L.C. be commenced more than ten years from the date of the certification shown herein.



FOR AND ON BEHALF OF:  
DALEY LAND SURVEYING INC.,  
Robert Daley, PLS 35597