

1625 Broadway  
Suite 2000  
Denver, CO 80202

Tel: 303.228.4000  
Fax: 303.228.4280

www.nobleenergyinc.com



February 22, 2010

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

Attn: Mr. David Neslin, Director

RE: **WARDELL H19-32D**  
Codell/Niobrara/J Sand New Drill  
Township 3 North, Range 65 West, 6th P.M.  
Section 19: NW/4SW/4: 1700' FSL & 930' FWL (Surface Location)  
Section 19: NW/4SW/4: 2550' FSL & 75' FWL (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 SENE, NESE of Section 24, T3N-66W and the SWNW, NWSW of Section 19, T3N, R65W, 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 attached. 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.

Also, 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/J Sand wells located within the existing 160-acre governmental quarter section (SW/4) to be less than eight (8) in accordance with COGCC Rule 318A.f.
- Plat illustrating proposed wellbore spacing unit on existing location plat.

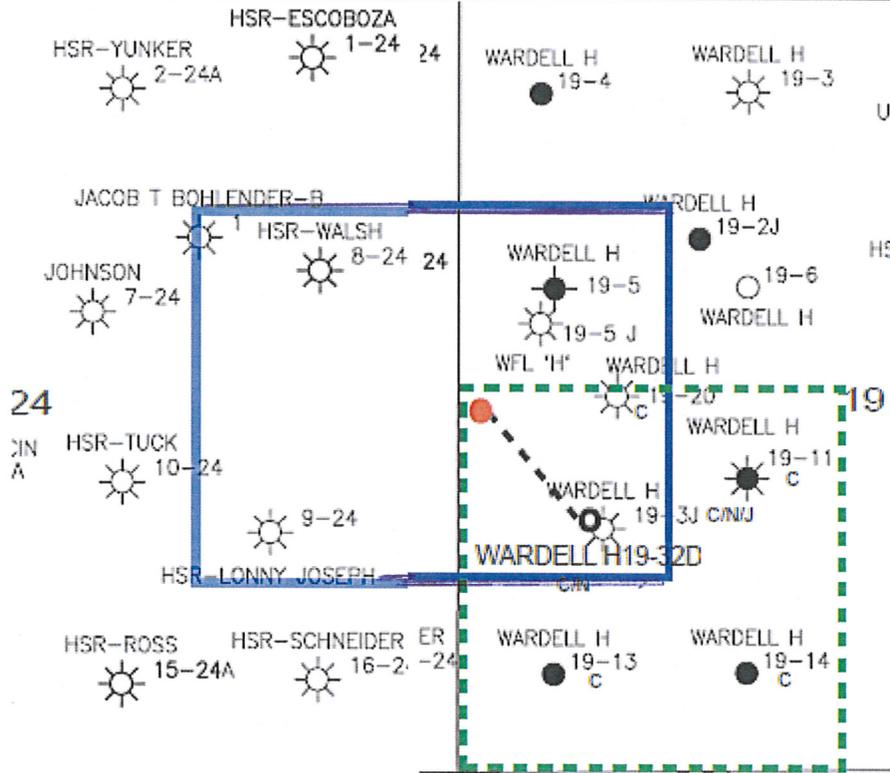
Thank you for your attention to the enclosed. NEI respectfully requests that the COGCC review the enclosed information and approve the Application for Permit to Drill the captioned well.

Sincerely,

A handwritten signature in blue ink that reads 'Mari Clark'. The signature is written in a cursive style with a large, looping 'M' and 'C'.

Mari Clark  
Regulatory Analyst II  
Noble Energy Inc.

**WARDELL H19-32D**  
**NWSW, Sec 19, T3N, R65W**



**LEGEND**



Proposed 160 acre Spacing Unit



Bottom Hole Located NWSW, Sec 19, T3N, R65W

The governmental ¼ Section has less than 8 bottom hole wells producing from the Codell, Niobrara, & J-Sand Formations.

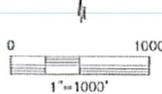
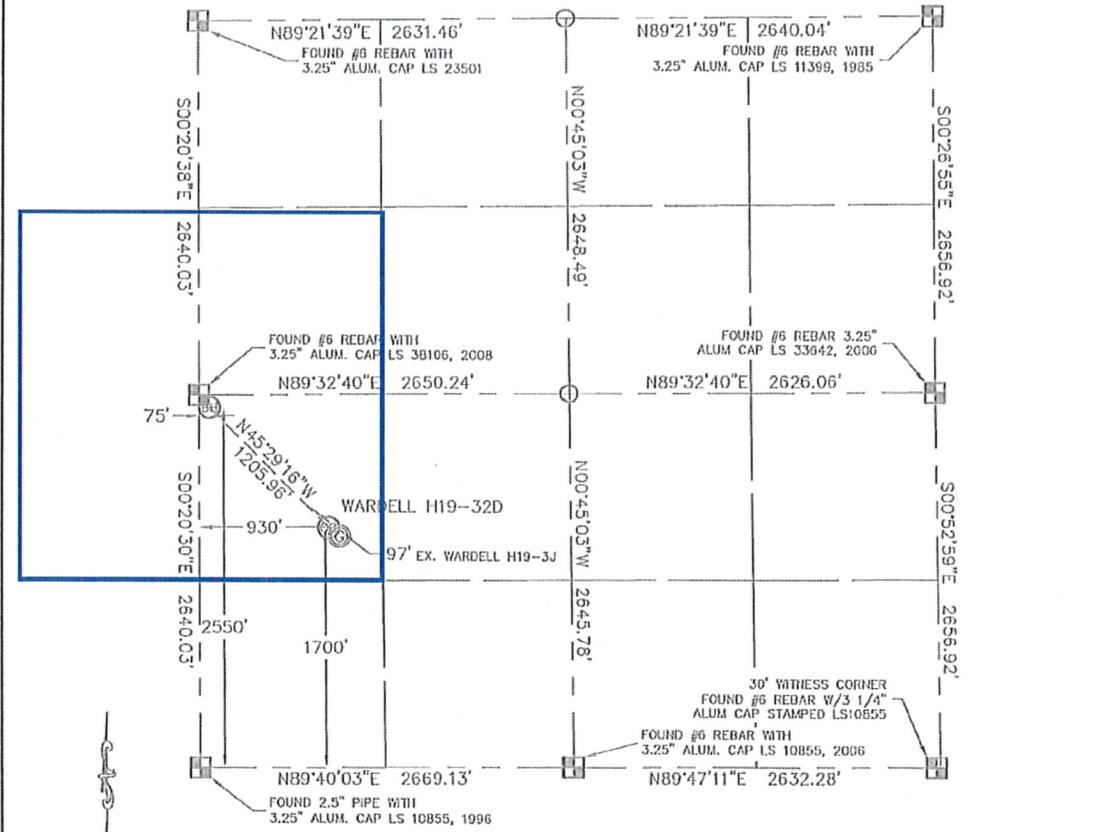
# PROPOSED 318Ae SPACING UNIT

KING SURVEYORS, INC. 650 E. GARDEN DR. WINDSOR, CO 80550

## WELL LOCATION CERTIFICATE

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION: 19  
TOWNSHIP: 3N  
RANGE: 65W



In accordance with a request from Erik Van Decar with Noble Energy Inc., King Surveyors Inc. has determined the surface location of the WARDELL H19-32D to be 1700' from the SOUTH line and 930' from the WEST line and the bottom hole to be 2550' from the SOUTH line and 75' from the WEST line as measured at right angles from the section lines of Section 19, Township 3 North, Range 65 West of the Sixth Principal Meridian, County of Weld, State of Colorado.

I hereby state that this Well Location Certificate was prepared by me, or under my direct supervision, that the fieldwork was completed on 11-19-09, for and on behalf of Noble Energy Inc.. That this is not a Land Survey Plat or an Improvement Survey Plat, and that it is not to be relied upon for establishment of fence, building, or other future improvement lines.

**NOTE:**

- 1) Bearings shown are Grid Bearings of the Colorado State Plane Coordinate System, North Zone, North American Datum 1983/2007. The lineal dimensions as contained herein are based upon the "U.S. Survey Foot."
- 2) Ground elevations are based on an observed GPS elevation (NAVD 1988 DATUM).
- 3) NEAREST EXISTING WELL: WARDELL H19-3J 97' SOUTHEAST
- 4) IMPROVEMENTS: See VISIBLE IMPROVEMENTS exhibit for all visible improvements within 400' of well head.
- 5) SURFACE USE: PASTURE, EX. WELL SITE

<b>SURFACE LOCATION</b>	<b>BOTTOM HOLE</b>
LATITUDE: 40.20832°N	LATITUDE: 40.21066°N
LONGITUDE: 104.71241°W	LONGITUDE: 104.71546°W
PDOP: 1.1	
ELEV: 4990	
1/4, 1/4: NW1/4SW1/4	
NEAREST PROPERTY LINE: 930' WEST	

**NOTE:**

According to Colorado law, you must commence any legal action based upon any defect in this W.L.C. within three years after you discover such defect. In no event, may any action based upon any defect in this survey be commenced more than ten years after the date of the certificate shown hereon. (13-00-105 C.R.S.)

LEGEND

- = ALIQUOT MONUMENT AS DESCRIBED
- = CALCULATED POSITION

*Michael Chad Dilka*  
Michael Chad Dilka—On behalf of King Surveyors, Inc.  
Licensed Land Surveyor No. 38106  
State of Colorado





"Gonzalez, Bill"  
<Bill.Gonzalez@anadarko.com>

02/04/2010 07:50 AM

To <lvanceave@nobleenergyinc.com>  
<CSnure@nobleenergyinc.com>,  
cc <LWandke@nobleenergyinc.com>,  
<MClark@nobleenergyinc.com>, "Hook, Sharon"

bcc

Subject RE: Message from 1415-KMBT\_C450 Wardell H 19-32D  
and Wardell H 19-33D Wells

Larry,

KMG is in agreement with the revised proposed surface locations for the above captioned wells. KMG has no objection to Noble drilling and completing the Wardell H 19-33D in the Codell/Niobrara formation only. KMG will not require revised 20 Day Notices for the above captioned wells.

Thanks,

Bill Gonzalez

**G. E. "Bill" Gonzalez, III**

Landman I

Kerr-McGee Oil & Gas Onshore LP

(A wholly-owned subsidiary of Anadarko Petroleum Corporation)

1099 18th Street

Denver, CO 80202

720-929-6544 (direct)

720-929-7544 (fax)

Bill.Gonzalez@anadarko.com

**From:** lvanceave@nobleenergyinc.com [mailto:lvanceave@nobleenergyinc.com]

**Sent:** Wednesday, February 03, 2010 8:29 AM

**To:** Gonzalez, Bill

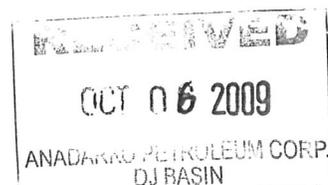
**Cc:** CSnure@nobleenergyinc.com; LWandke@nobleenergyinc.com; MClark@nobleenergyinc.com

**Subject:** Fw: Message from 1415-KMBT\_C450 Wardell H 19-32D and Wardell H 19-33D Wells

Bill, attached are two new Surveys for the Wardell H 19-32D and Wardell H 19-33D wells, with copies of previously executed KMG 20-Day Notice Letters. The two new surveys are being submitted due to the Surface Location being moved for each well to accommodate an additional well to be added to the drilling pad. "However", the bottom hole location for each well has not changed. In order to expedite the permitting process for each of these wells, Noble would appreciate it, if KMG would advise Noble by E-mail that they are in agreement with the proposed surface location change and do not require revised 20-Day Notice Letters to be sent and approved. Also, both of these wells were originally proposed as Codell/Niobrara - ( J ) Sand wells. Lewis Wandke, in our Engineering Department, is going to be contacting your Engineering Department and request that the Wardell H 19-32D well be drilled and completed in the Codell/Niobrara - ( J ) Sand formations and the Wardell H 19-33D well be drilled and completed in the Codell/Niobrara formations only. If KMG is in agreement with this change in formations, please advise Noble at your earliest convenience, if "Not" please contact Lewis Wandke at 303-228-4243. If I can be of further assistance regarding the above, please advise.

1625 Broadway  
Suite 2200  
Denver, Colorado 80202

Tel: 303.228.4000  
Fax: 303.228.4280



October 5, 2009

**CERTIFIED MAIL  
RETURN RECEIPT REQUESTED**

**ARTICLE # 7007 2560 0002 6539 7306**

Kerr-McGee Oil & Gas Onshore LP  
Attn: Mr. Matt Miller, Wattenberg Land Manager  
1099 18<sup>th</sup> Street, Suite 1800  
Denver, CO 80202

RE: Notice of 318A.e. Well Proposal  
Codell/Niobrara/J Sand: New Well  
WELL NAME: **Wardell H19-32D**  
Township 3 North, Range 65 West  
Section 19: NW/4SW/4 (BHL)  
Weld County, Colorado

Dear Mr. Miller:

Noble Energy, Inc. ("Noble") intends to propose, drill and operate the referenced well pursuant to paragraph 6 of Rule 318A.e., Order 1R-100 of the Colorado Oil and Gas Conservation Commission ("COGCC"). Attached for your information is a plat representing this proposal.

Additional information for this well:

(1) **Wellbore Spacing Unit**

The wellbore spacing unit will be comprised of the SE/4NE/4, NE/4SE/4 of Section 24, in T3N, R66W, 6<sup>th</sup> P.M., and the SW/4NW/4, NW/4SW/4 of Section 19, in T3N, R65W, 6<sup>th</sup> P.M., as depicted on the enclosed plat. The working interests attributable to the Codell/Niobrara/J Sand formations in the contributing 40 acre quarter-quarter sections will be utilized to determine the interests of the parties in the proposed 160 acre spacing unit for this well. It appears that you own a working interest in the proposed wellbore spacing unit for this well.

(2) **Target Formations**

This well will be drilled to a total depth to sufficiently test the Codell/Niobrara/J Sand formations.

(3) **Surface and Bottomhole Locations**

SHL: 1645' FSL, 941' FWL, Section 19, T3N, R65W, 6<sup>th</sup> P.M  
BHL: 2550' FSL, 75' FWL, Section 19, T3N, R65W, 6<sup>th</sup> P.M

(4) **Anticipated Spud Date**

1<sup>st</sup> Quarter, 2010

(5) **Request for Title Information**

In order to facilitate the rendering of a full title opinion, please provide copies of any title opinions, updates and JIB/Rev deck materials for the referenced spacing unit in your possession to Noble.

Pursuant to the aforementioned rule, you have twenty (20) days from your receipt of this notice to object to this proposal. In the event you do not respond to this notice or enter an objection within the established time period, the proposed 160 acre spacing unit set forth herein shall be established. **However, should you have no objection to this proposal, please so indicate by signing in the space provided below and returning to Noble as soon as possible.** Your cooperation in this matter is greatly appreciated so that Noble may timely continue the permitting process for this well.

A formal well proposal, including Noble's proposed AFE and JOA will be forthcoming under separate cover.

Thank you for your timely consideration and response to this proposal. Please call me at 303-228-4130 if you have any questions.

Very truly yours,

**NOBLE ENERGY, INC.**



Larry Van Cleave  
Land Negotiator

LVC:mw

Enclosures

**KERR-McGEE OIL & GAS ONSHORE LP:**

Pursuant to paragraph 6 of Rule 318A.e., Order 1R-100 of the Colorado Oil and Gas Conservation Commission, the undersigned has received notice from Noble Energy, Inc. ("Noble") of its intention to drill and operate the Wardell H19-32D well in Section 19, T3N, R65W, Weld County, Colorado and the undersigned hereby waives the twenty (20) day notice requirement as provided by said rule.

By:  \_\_\_\_\_

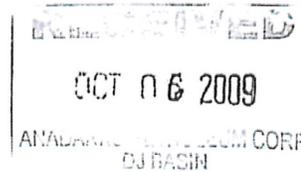
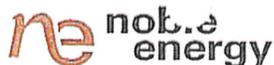
**Brian J. Smith, Subsurface Manager**

Printed Name: \_\_\_\_\_

Date: 10/29/09

1625 Broadway  
Suite 2200  
Denver, Colorado 80202

Tel: 303.228.4000  
Fax: 303.228.4280



October 5, 2009

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RETURN RECEIPT REQUESTED**

**ARTICLE # 7008 3230 0001 8978 0039**

Kerr-McGee Oil & Gas Onshore LP  
Attn: Mr. Matt Miller, Wattenberg Land Manager  
1099 18<sup>th</sup> Street, Suite 1800  
Denver, CO 80202

RE: Notice of 318A.e. Well Proposal  
Codell/Niobrara/J Sand: New Well  
**WELL NAME: Wardell H19-33D**  
Township 3 North, Range 65 West  
Section 19: SW/4SW/4 (BHL)  
Weld County, Colorado

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Additional information for this well:

(1) **Wellbore Spacing Unit**

The wellbore spacing unit will be comprised of the E/2SE/4 of Section 24, in T3N, R66W, 6<sup>th</sup> P.M., and the W/2SW/4 of Section 19, in T3N, R65W, 6<sup>th</sup> P.M., as depicted on the enclosed plat. The working interests attributable to the Codell/Niobrara/J Sand formations in the contributing 40 acre quarter-quarter sections will be utilized to determine the interests of the parties in the proposed 160 acre spacing unit for this well. It appears that you own a working interest in the proposed wellbore spacing unit for this well.

(2) **Target Formations**

This well will be drilled to a total depth to sufficiently test the Codell/Niobrara/J Sand formations.

(3) **Surface and Bottomhole Locations**

SHL: 1630' FSL, 961' FWL, Section 19, T3N, R65W, 6<sup>th</sup> P.M  
BHL: 1320' FSL, 75' FWL, Section 19, T3N, R65W, 6<sup>th</sup> P.M

(4) **Anticipated Spud Date**

1<sup>st</sup> Quarter, 2010

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**NOBLE ENERGY, INC.**



Larry Van Cleave  
Land Negotiator

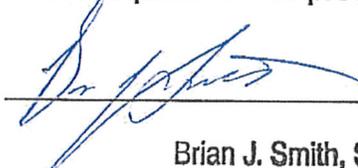
LVC:mw

Enclosures

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By: \_\_\_\_\_

  
Brian J. Smith, Subsurface Manager  
Printed Name: \_\_\_\_\_

Date: \_\_\_\_\_

10/29/09