



# Kerr-McGee Oil & Gas Onshore LP

A subsidiary of Anadarko Petroleum Corporation

1099 18<sup>th</sup> Street  
Denver, CO 80202  
720-929-6000

April 25, 2014

Department of Natural Resources  
Oil and Gas Conservation Commission  
The Chancery Building  
1120 Lincoln St., Suite 801  
Denver, CO 80203

Re: **30 Day Certification Letter - 318A-e**  
Vogl 33N-35HZ  
Township 3 North, Range 68 West, Section 36: SW/4SW/4  
Unit Spacing: 03N-68W-35: E/2SE/4; Section 36: S/2  
Weld County, Colorado

Ladies/Gentlemen:

Kerr McGee Oil and Gas Onshore LP ("KMG") hereby certify to the Director that KMG owns one-hundred percent (100%) of the mineral rights in the proposed spacing unit. Therefore, KMG respectfully requests the Director to approve the boundary well.

If you have any questions or issues regarding this permit, please contact Cheryl Light at (720) 929-6461.

Very truly yours,

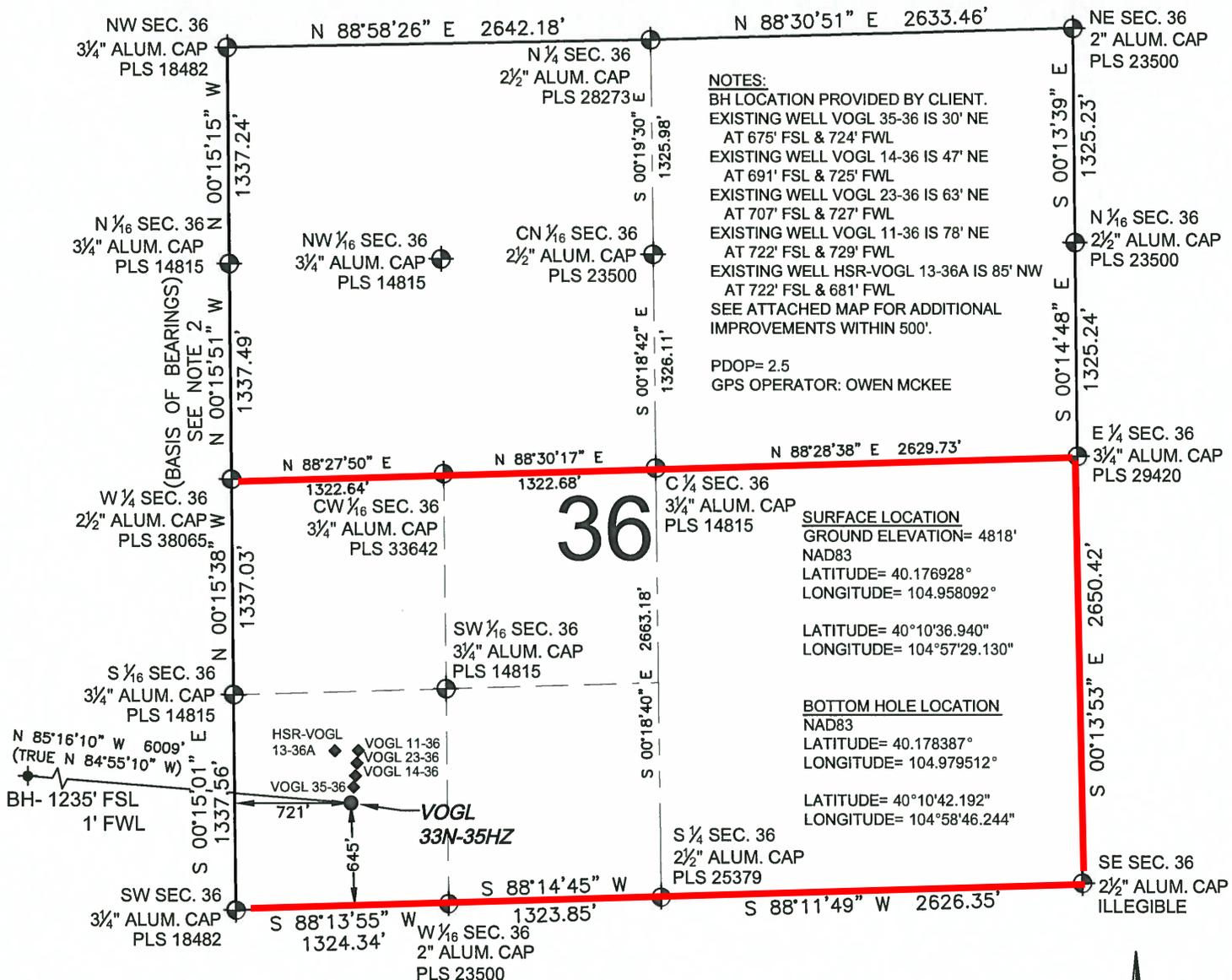
**KERR-McGEE OIL AND GAS ONSHORE LP**

A handwritten signature in blue ink, appearing to read "Cheryl Light".

**Cheryl Light**  
**Senior Regulatory Analyst**

# WELL LOCATION CERTIFICATE: VOGL 33N-35HZ

SECTION 36, TOWNSHIP 3 NORTH, RANGE 68 WEST, 6TH P.M.



**NOTES:**  
 BH LOCATION PROVIDED BY CLIENT.  
 EXISTING WELL VOGL 35-36 IS 30' NE AT 675' FSL & 724' FWL  
 EXISTING WELL VOGL 14-36 IS 47' NE AT 691' FSL & 725' FWL  
 EXISTING WELL VOGL 23-36 IS 63' NE AT 707' FSL & 727' FWL  
 EXISTING WELL VOGL 11-36 IS 78' NE AT 722' FSL & 729' FWL  
 EXISTING WELL HSR-VOGL 13-36A IS 85' NW AT 722' FSL & 681' FWL  
 SEE ATTACHED MAP FOR ADDITIONAL IMPROVEMENTS WITHIN 500'.

PDOP= 2.5  
 GPS OPERATOR: OWEN MCKEE

**SURFACE LOCATION**  
 GROUND ELEVATION= 4818'  
 NAD83  
 LATITUDE= 40.176928°  
 LONGITUDE= 104.958092°

LATITUDE= 40°10'36.940"  
 LONGITUDE= 104°57'29.130"

**BOTTOM HOLE LOCATION**  
 NAD83  
 LATITUDE= 40.178387°  
 LONGITUDE= 104.979512°

LATITUDE= 40°10'42.192"  
 LONGITUDE= 104°58'46.244"

# 36

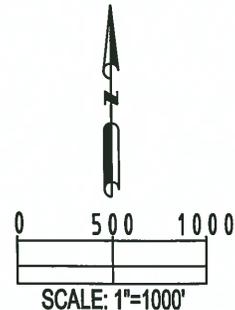
WELL VOGL 33N-35HZ TO BE LOCATED 645' FSL AND 721' FWL

**LEGEND**

- ⊕ = EXISTING MONUMENT
- ⊙ = PROPOSED WELL
- BH = BOTTOM HOLE
- ⬥ = BOTTOM HOLE
- ◆ = EXISTING WELL

I, BRADLEY L. LAMAN, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO **KERR-MCGEE OIL & GAS ONSHORE LP**, THAT THE SURVEY AND WELL LOCATION CERTIFICATE SHOWN HEREON WERE DONE BY ME OR UNDER MY DIRECT SUPERVISION AND THAT THE DRAWING SHOWN HEREON ACCURATELY DEPICTS THE PROPOSED LOCATION OF THE WELL. THIS CERTIFICATE DOES NOT REPRESENT A LAND SURVEY PLAT OR IMPROVEMENT SURVEY PLAT AS DEFINED BY C.R.S. 38-51-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

BRADLEY L. LAMAN, PLS 38345  
 COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
 FOR AND ON BEHALF OF P.F.S., LLC



- NOTES:**
1. THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
  2. BEARINGS AND DISTANCE SHOWN HEREON ARE GRID AND BASED ON THE COLORADO STATE PLANE COORDINATE SYSTEM, NAD 83/2011 BETWEEN MONUMENTS AS LABELED HEREON AND ELEVATIONS SHOWN ARE NAVD 88, AS DERIVED BY GPS OBSERVATIONS.
  3. GRID DISTANCES ARE SHOWN, AS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO SECTION LINES.

SHEET 1 OF 2



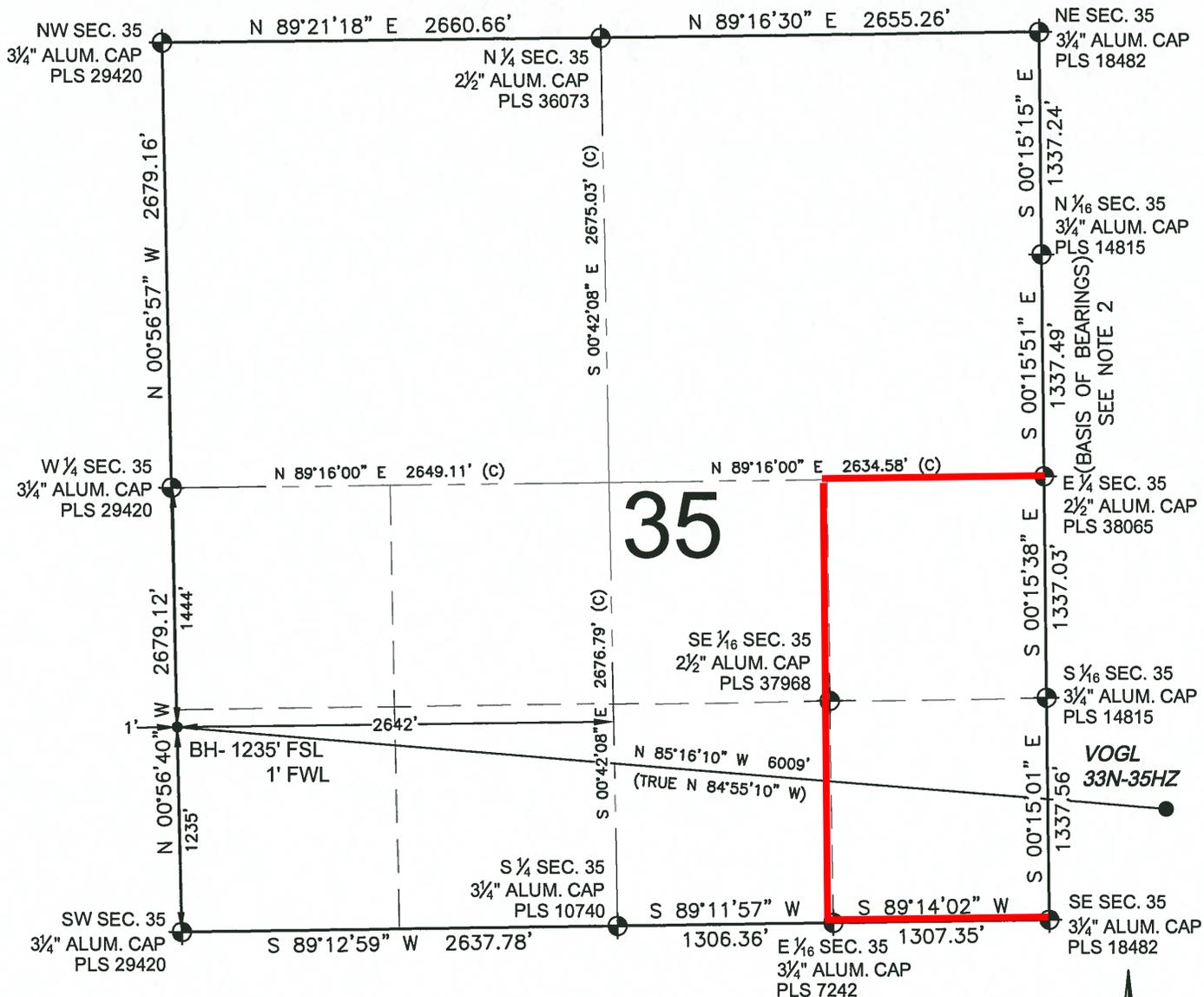
FIELD DATE: 03-20-14  
 DRAWING DATE: 03-21-14  
 BY: SMF  
 CHECKED: JAH

SURFACE LOCATION:  
 SW 1/4, SW 1/4,  
 SEC. 36, T3N, R68W, 6TH P.M.  
 WELD COUNTY, COLORADO

NOTICE: ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THIS SAID DATE OF THIS CERTIFICATION SHOWN HEREON.

# WELL LOCATION CERTIFICATE: VOGL 33N-35HZ

SECTION 36, TOWNSHIP 3 NORTH, RANGE 68 WEST, 6TH P.M.



**LEGEND**

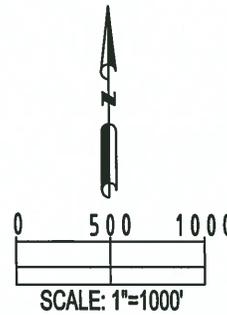
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BRADLEY L. LAMAN, PLS 38345  
 COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
 FOR AND ON BEHALF OF P.F.S., LLC



SHEET 2 OF 2

|  |   |   |
|--|---|---|
| PREPARED BY:<br><b>PFS</b><br>Petroleum Field Services, LLC<br>1801 W. 13th Ave.<br>Denver, CO 80204 | FIELD DATE:<br>03-20-14<br>DRAWING DATE:<br>03-21-14<br>BY:<br>SMF<br>CHECKED:<br>JAH | SURFACE LOCATION:<br>SW 1/4, SW 1/4,<br>SEC. 36, T3N, R68W, 6TH P.M.<br>WELD COUNTY, COLORADO |
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