



December 17, 2009

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

Re: **20 Day Certification Letter - 318A-e**  
CARMA 41-36  
Township 3 North, Range 68 West, Section 36: NW/4NE/4  
Unit Spacing: 03N-68W-36 E/2NE  
03N-68W-31 W/2NW  
Weld County, Colorado

Ladies/Gentlemen:

Kerr-McGee Oil and Gas Onshore LP ("KMG") hereby certifies to the Director that a twenty (20) day notice has been given by certified mail to all owners in the proposed wellbore spacing unit. We have not received any objections to such well location, proposed spacing unit, or additional producing formation. KMG hereby 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,

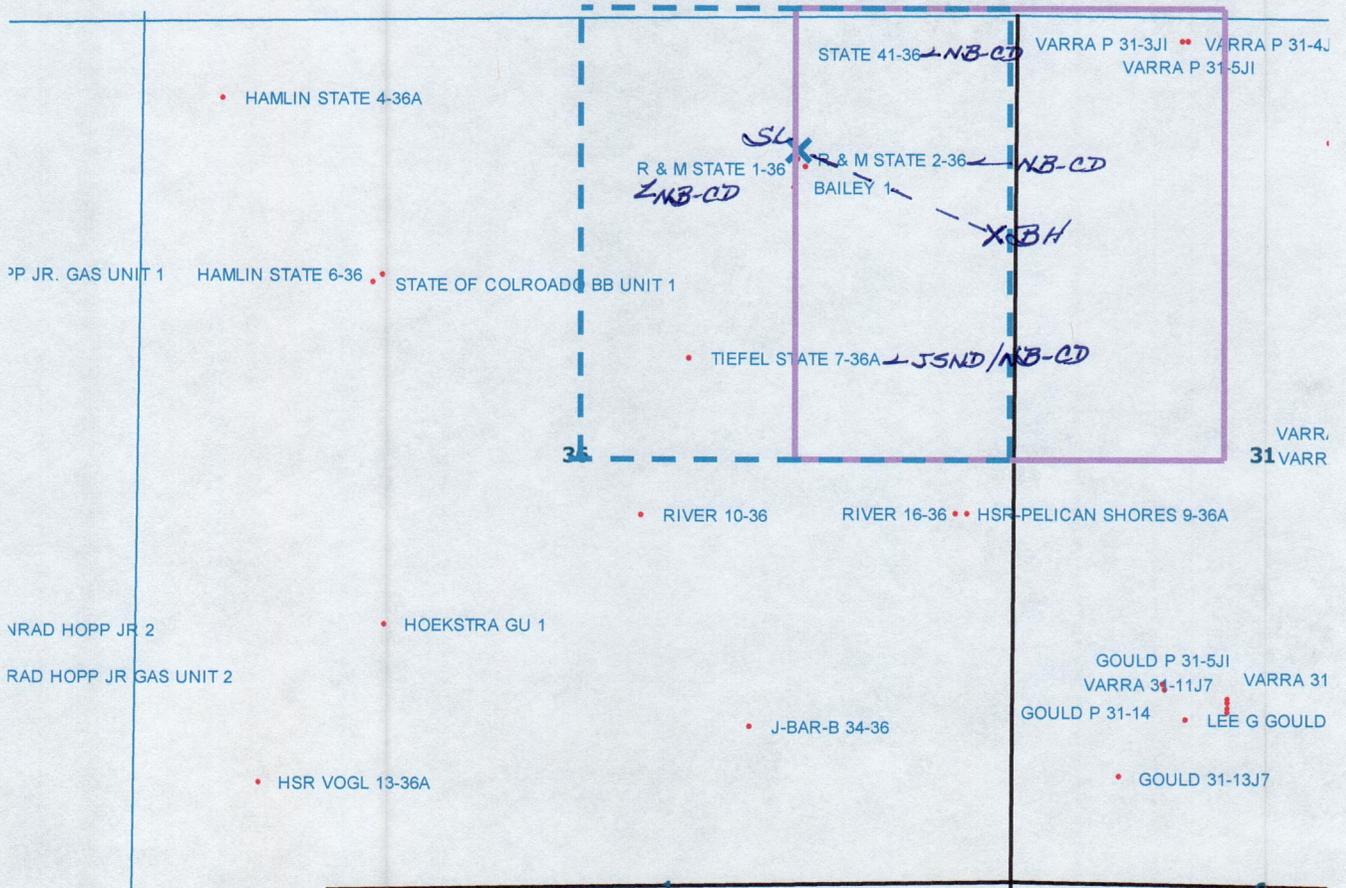
**KERR-McGEE OIL AND GAS ONSHORE LP**

A handwritten signature in blue ink that reads 'Cheryl Light'.

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

:cl  
Enclosure

**CARMA 41-36**  
**NWNE Sec. 36 T3N-R68W**



**LEGEND**



Proposed 160 acre Spacing Unit (Solid line).

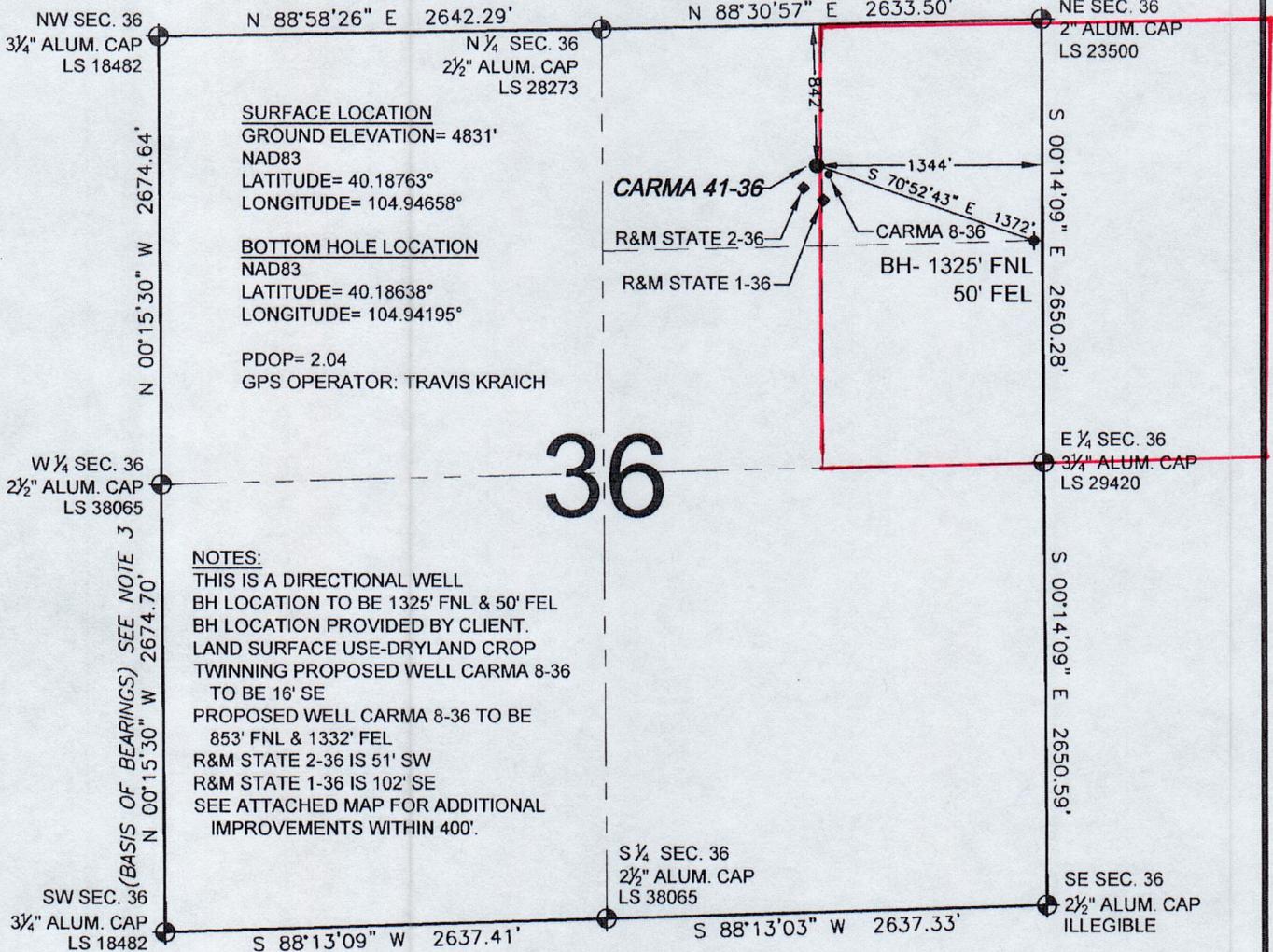


Bottom Hole Located NE/4NE/4, Sec. 36-T3N-R68W (Dashed line).

**This 1/4 Section has less than 8 bottom hole wells producing from the Codell, Niobrara & J Sand Formations.**

# WELL LOCATION CERTIFICATE: CARMA 41-36

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

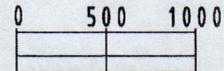


**NOTES:**  
 THIS IS A DIRECTIONAL WELL  
 BH LOCATION TO BE 1325' FNL & 50' FEL  
 BH LOCATION PROVIDED BY CLIENT.  
 LAND SURFACE USE-DRYLAND CROP  
 TWINNING PROPOSED WELL CARMA 8-36  
 TO BE 16' SE  
 PROPOSED WELL CARMA 8-36 TO BE  
 853' FNL & 1332' FEL  
 R&M STATE 2-36 IS 51' SW  
 R&M STATE 1-36 IS 102' SE  
 SEE ATTACHED MAP FOR ADDITIONAL  
 IMPROVEMENTS WITHIN 400'.

WELL **CARMA 41-36** TO BE LOCATED 842' FNL AND 1344' FEL, SECTION 36, T3N, R68W OF THE 6th P.M.

**LEGEND**

- ⊕ = EXISTING MONUMENT
- ⊙ = PROPOSED WELL
- ⬠ = BOTTOM HOLE
- ⬠ = EXISTING WELL
- BH = BOTTOM HOLE



**NOTES:**

1. THIS SURVEY WAS DONE BY GPS METHODS AND CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
2. ELEVATIONS SHOWN AT THE WELL HEAD, AS WELL AS HORIZONTAL CONTROL, ARE BASED ON GPS-RTK VALUES DERIVED FROM USING 2-HOUR STATIC GPS SESSIONS AND REDUCTIONS USING O.P.U.S. SOLUTIONS.  
 VERTICAL = NAVD88; HORIZONTAL = NAD83/92
3. THE BEARINGS SHOWN HEREON ARE BASED ON GPS OBSERVATIONS BETWEEN THE MONUMENTS SHOWN HEREON AS FOUND ON THE FIELD DATE BELOW.
4. DISTANCES SHOWN ARE AT GROUND LEVEL, AS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED AT A PERPENDICULAR TO SECTION LINES.

I, JERRY F. HARCEK JR., 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 **CARMA 41-36**. 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.

JERRY F. HARCEK JR., PLS 34997  
 COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
 FOR AND ON BEHALF OF P.F.S., LLC



<b>PREPARED BY:</b>  PFS Petroleum Field Services, LLC 1501 W. 136th Ave. Denver, CO 80224	<b>FIELD DATE:</b> 11-18-09	<b>WELL NAME:</b> CARMA 41-36
	<b>DRAWING DATE:</b> 11-20-09	<b>SURFACE LOCATION:</b> WELD COUNTY, COLORADO
	<b>BY:</b> SMF	NW 1/4 NE 1/4, SEC. 36, T3N, R68W

**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.