



May 19, 2011

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**
NORTHGLENN STATE 33-36
Township 1 North, Range 68 West, Section 36: SW4SE/4
Unit Spacing: 01N-68W-36: W/2SW/4
01N-68W-35: E/2SE/4
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.

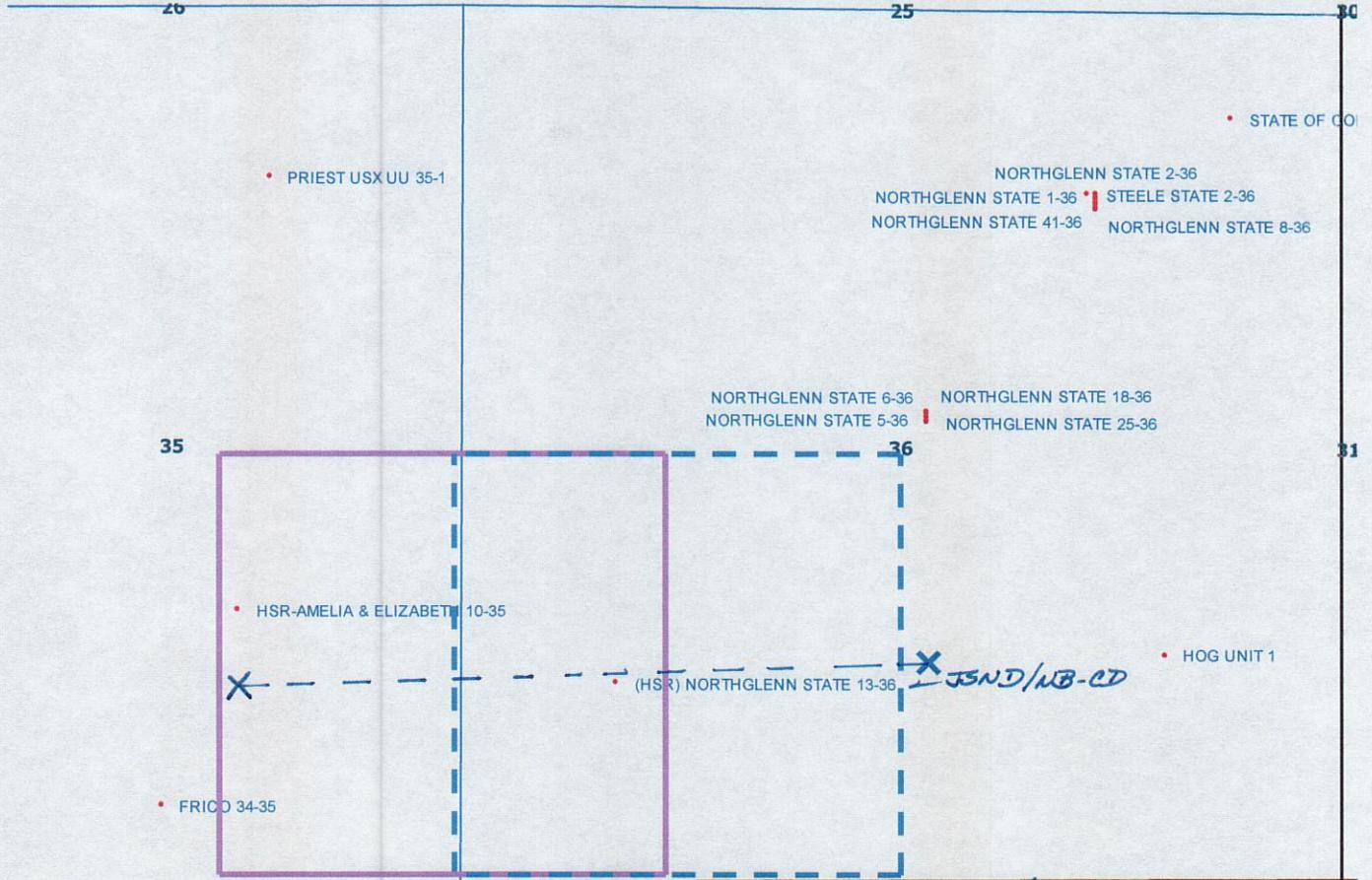
Very truly yours,

KERR-McGEE OIL AND GAS ONSHORE LP

A handwritten signature in blue ink that reads 'Rebecca Heim'.

Rebecca Heim
Regulatory Analyst

NORTHGLENN STATE 33-36
SWSE Sec. 36 T3N-R68W



LEGEND

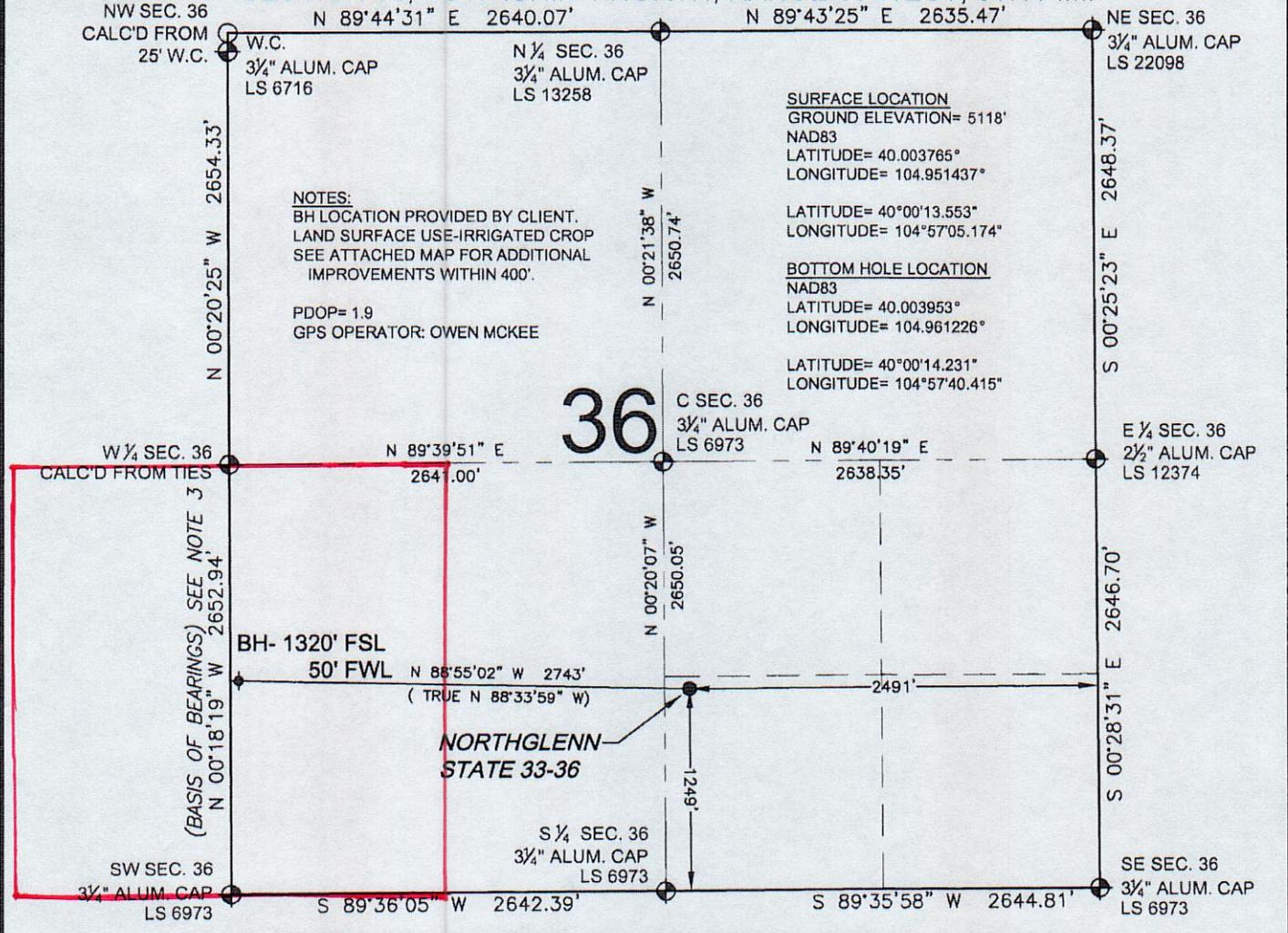
Proposed 160 acre Spacing Unit (Solid line).

Bottom Hole Located SW/4SW/4, Sec. 36-T1N-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: NORTHGLENN STATE 33-36

SECTION 36, TOWNSHIP 1 NORTH, RANGE 68 WEST, 6TH P.M.



SURFACE LOCATION
GROUND ELEVATION= 5118'
NAD83
LATITUDE= 40.003765°
LONGITUDE= 104.951437°

LATITUDE= 40°00'13.553"
LONGITUDE= 104°57'05.174"

BOTTOM HOLE LOCATION
NAD83
LATITUDE= 40.003953°
LONGITUDE= 104.961226°

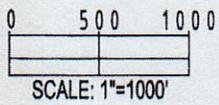
LATITUDE= 40°00'14.231"
LONGITUDE= 104°57'40.415"

NOTES:
BH LOCATION PROVIDED BY CLIENT.
LAND SURFACE USE-IRRIGATED CROP
SEE ATTACHED MAP FOR ADDITIONAL
IMPROVEMENTS WITHIN 400'.

PDOP= 1.9
GPS OPERATOR: OWEN MCKEE

LEGEND

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



- NOTES:**
- THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
 - HORIZONTAL POSITIONS AND ORTHOMETRIC ELEVATIONS SHOWN AT THE WELL HEAD, ARE BASED ON GPS-RTK POSITIONS DERIVED FROM MINIMUM 2-HOUR STATIC OBSERVATIONS CORRECTED BY THE NATIONAL GEODETIC SURVEY ONLINE POSITIONING USER SERVICE, O.P.U.S. DATUM: HORIZONTAL = NAD83/2007, VERTICAL = NAVD88
 - THE BASIS OF BEARINGS ARE STATE PLANE COORDINATE SYSTEM GRID BEARINGS SHOWN HEREON BETWEEN THE DESCRIBED THE MONUMENTS SHOWN HEREON.
 - GRID DISTANCES ARE SHOWN, AS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO SECTION LINES.

I, MARK A. HALL, 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.

MARK A. HALL, PLS 36073
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
FOR AND ON BEHALF OF P.F.S., LLC



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|---|---------------------------|---|
| PREPARED BY: Petroleum Field Services, LLC 1801 W. 136th Ave. Denver, CO 80224 | FIELD DATE: 04-14-11 | SURFACE LOCATION: SW 1/4 SE 1/4, SEC. 36, T1N, R68W |
| | DRAWING DATE: 05-03-11 | BY: SMF |

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.