



## Kerr-McGee Oil & Gas Onshore LP

1099 18th Street, Suite 1800  
Denver, CO 80202-1918  
P.O. Box 173779  
Denver, CO 80217-3779  
720-929-6000

October 13, 2011

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**  
WEISS 4N-33HZ  
Township 3 North, Range 66 West, Section 33: SW/4SW/4  
Unit Spacing: 03N-66W-33 W/2W/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,

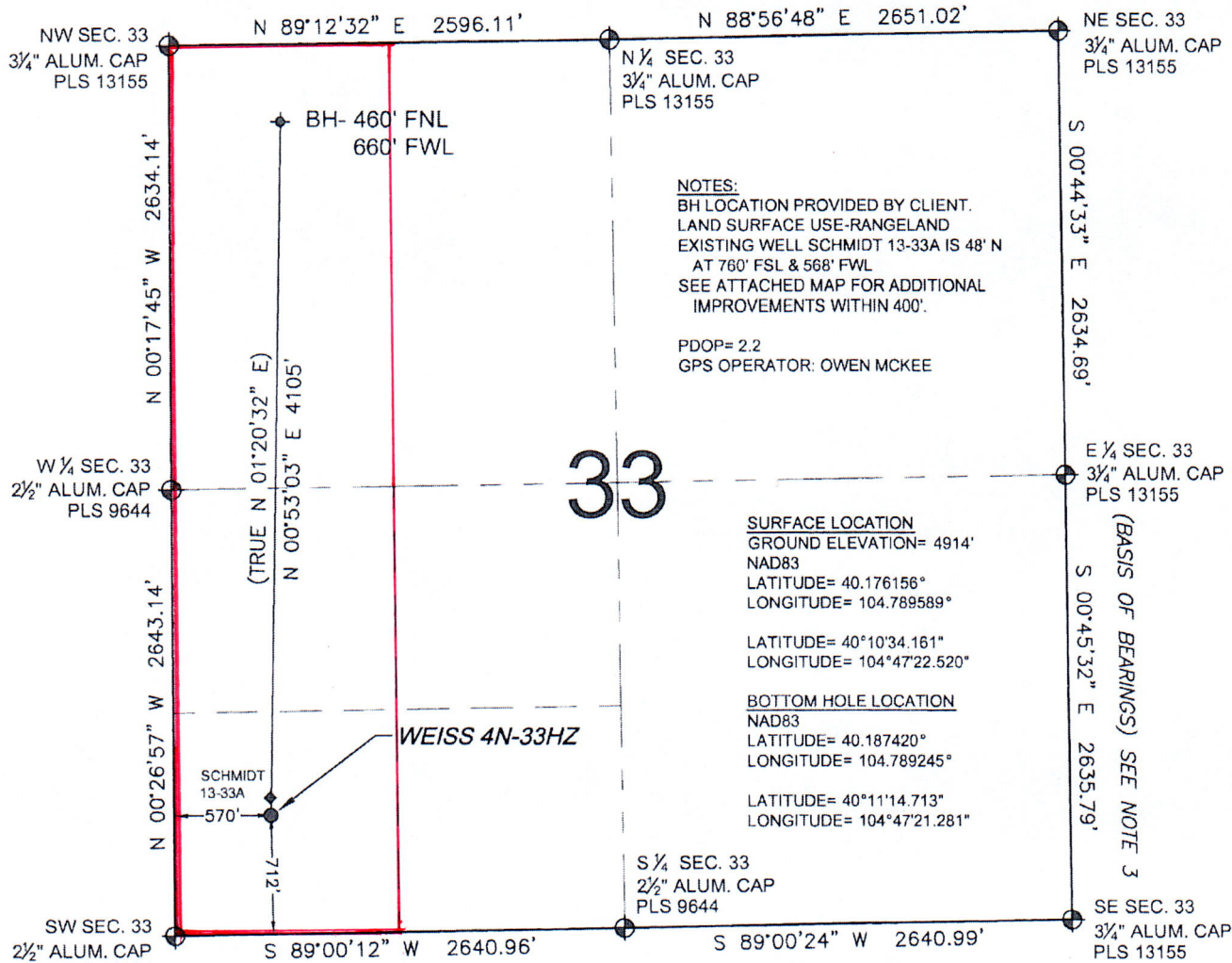
**KERR-McGEE OIL AND GAS ONSHORE LP**

A handwritten signature in blue ink, reading 'Rebecca Heim'.

**Rebecca Heim**  
**Regulatory Analyst II**

# WELL LOCATION CERTIFICATE: WEISS 4N-33HZ

SECTION 33, TOWNSHIP 3 NORTH, RANGE 66 WEST, 6TH P.M.



**NOTES:**  
 BH LOCATION PROVIDED BY CLIENT.  
 LAND SURFACE USE-RANGELAND  
 EXISTING WELL SCHMIDT 13-33A IS 48' N  
 AT 760' FSL & 568' FWL  
 SEE ATTACHED MAP FOR ADDITIONAL  
 IMPROVEMENTS WITHIN 400'.

PDOP= 2.2  
 GPS OPERATOR: OWEN MCKEE

**SURFACE LOCATION**  
 GROUND ELEVATION= 4914'  
 NAD83  
 LATITUDE= 40.176156°  
 LONGITUDE= 104.789589°

LATITUDE= 40°10'34.161"  
 LONGITUDE= 104°47'22.520"

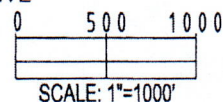
**BOTTOM HOLE LOCATION**  
 NAD83  
 LATITUDE= 40.187420°  
 LONGITUDE= 104.789245°

LATITUDE= 40°11'14.713"  
 LONGITUDE= 104°47'21.281"

(BASIS OF BEARINGS) SEE NOTE 3

## 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



PREPARED BY:  
**PFS**  
 Petroleum Field Services, LLC  
 1801 W. 13th Ave.  
 Denver, CO 80204

FIELD DATE:  
08-05-11  
 DRAWING DATE:  
08-08-11  
 BY:  
EFW

SURFACE LOCATION:  
 SW 1/4 SW 1/4,  
 SEC. 33, T3N, R66W  
 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.