



# 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

December 30, 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**  
WEICHEL 30N-23HZ  
Township 2 North, Range 65 West, Section 14: SE/4SE/4  
Unit Spacing: 02N-65W-14 S/2S/2; 03N-65W-23 N/2N/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 "Rebecca Heim".

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

# WELL LOCATION CERTIFICATE: WEICHEL 30N-23HZ

SECTION 14, TOWNSHIP 2 NORTH, RANGE 65 WEST, 6TH P.M.

W ¼ SEC. 14  
2" ALUM. CAP  
PLS 25937

E ¼ SEC. 14  
3 ¾" ALUM. CAP  
PLS 10855

N 00°14'52" W 2652.50'

**SURFACE LOCATION**  
GROUND ELEVATION= 4879'  
NAD83  
LATITUDE= 40.132618°  
LONGITUDE= 104.623106°

LATITUDE= 40°07'57.425"  
LONGITUDE= 104°37'23.182"

**BOTTOM HOLE LOCATION**  
NAD83  
LATITUDE= 40.130966°  
LONGITUDE= 104.638996°

LATITUDE= 40°07'51.478"  
LONGITUDE= 104°38'20.385"

## 14

**WEICHEL  
30N-23HZ**

HSR-WEICHEL  
9-14D

HSR-WEICHEL  
37-14D

HSR-WEICHEL  
39-14D

S 81°43'31" W 4484'  
(TRUE S 82°17'30" W)

HSR-WEICHEL  
16-14

SW ¼ SEC. 14  
2" ALUM. CAP  
PLS 25937

S 89°58'09" W 2669.61'

BH- 145' FNL  
460' FWL

S ¼ SEC. 14  
3 ¾" ALUM. CAP  
PLS 10855

S 89°55'44" W 2650.77'

SE ¼ SEC. 14  
2 ½" ALUM. CAP  
PLS 34980

N 00°18'18" W 2644.45'

**NOTES:**  
BH LOCATION PROVIDED BY CLIENT.  
LAND SURFACE USE-RANGELAND  
EXISTING WELL HSR-WEICHEL 9-14D IS 106' NW  
AT 527' FSL & 521' FEL  
EXISTING WELL HSR-WEICHEL 37-14D IS 99' W  
AT 497' FSL & 519' FEL  
EXISTING WELL HSR-WEICHEL 39-14D IS 101' SW  
AT 468' FSL & 517' FEL  
EXISTING WELL HSR-WEICHEL 16-14 IS 56' SW  
AT 467' FSL & 468' FEL  
SEE ATTACHED MAP FOR ADDITIONAL  
IMPROVEMENTS WITHIN 400'.

PDOP= 2.1  
GPS OPERATOR: CHRIS BOUB

## 23

S 00°08'23" E 2636.07'

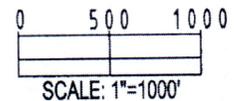
W ¼ SEC. 23  
3 ¾" ALUM. CAP  
PLS 34995

E ¼ SEC. 23  
2 ½" ALUM. CAP  
PLS 13482

WELL WEICHEL 30N-23HZ TO BE LOCATED 496' FSL AND 420' FEL

**LEGEND**

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

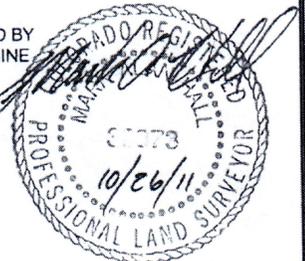


**NOTES:**

1. THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
2. 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
3. THE BASIS OF BEARINGS ARE STATE PLANE COORDINATE SYSTEM GRID BEARINGS SHOWN HEREON BETWEEN THE DESCRIBED THE MONUMENTS SHOWN HEREON.
4. 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: <b>PFS</b> Petroleum Field Services, LLC 1801 W. 13th Ave. Denver, CO 80204	FIELD DATE: 10-14-11	SURFACE LOCATION:
	DRAWING DATE: 10-24-11	SE 1/4 SE 1/4, SEC. 14, T2N, R65W, 6TH P.M. WELD COUNTY, COLORADO
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.