



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

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**
WARDELL 26N-29HZ
Township 3 North, Range 65 West, Section 29: SE/4SE/4
Unit Spacing: 03N-65W Section 29 E/2E/2; Section 28 W/2W/2
Weld County, Colorado

Ladies/Gentlemen:

Kerr-McGee Oil and Gas Onshore LP ("KMG") hereby certifies to the Director that a thirty (30) 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, appearing to read "Rebecca Heim".

Rebecca Heim
Regulatory Analyst II

WELL LOCATION CERTIFICATE: WARDELL 26N-29HZ

SECTION 29, TOWNSHIP 3 NORTH, RANGE 65 WEST, 6TH P.M.

NW SEC. 29
3/4" ALUM. CAP
PLS 10855
30' W.C.

N 89°03'08" E 2635.74'

N 1/4 SEC. 29
3/4" ALUM. CAP
PLS 33642

N 89°03'20" E 2635.73'

NE SEC. 29
2 1/2" ALUM. CAP
PLS 23501

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

PDOP= 2.4
GPS OPERATOR: OWEN MCKEE

W 1/4 SEC. 29
3/4" ALUM. CAP
PLS 10855
30' W.C.

N 00°42'50" W 2637.69'

N 00°42'53" W 2614.07'

SW SEC. 29
2 1/2" ALUM. CAP
PLS 20671

SURFACE LOCATION
GROUND ELEVATION= 4889'
NAD83
LATITUDE= 40.190184°
LONGITUDE= 104.682393°

LATITUDE= 40°11'24.664"
LONGITUDE= 104°40'56.614"

BOTTOM HOLE LOCATION
NAD83
LATITUDE= 40.202443°
LONGITUDE= 104.678931°

LATITUDE= 40°12'08.794"
LONGITUDE= 104°40'44.150"

S 1/4 SEC. 29
3/4" ALUM. CAP
ILLEGIBLE

WARDELL
26N-29HZ

BH- 460' FNL
285' FEL

N 11°41'28" E 4569'
(TRUE N 12°13'10" E)

S 00°30'33" E 2656.04'

E 1/4 SEC. 29
3/4" ALUM. CAP
PLS 30120

S 00°31'53" E 2643.71'
(BASIS OF BEARINGS) SEE NOTE 3

SE SEC. 29
2 1/2" ALUM. CAP
PLS 23501

WELL WARDELL 26N-29HZ TO BE LOCATED 370' FSL AND 1251' FEL

LEGEND

- = EXISTING MONUMENT
- ◆ = BOTTOM HOLE
- = PROPOSED WELL
- ◆ = EXISTING WELL
- BH = BOTTOM HOLE

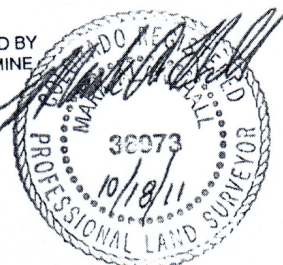
0 500 1000
SCALE: 1"=1000'

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:
10-10-11
DRAWING DATE:
10-15-11
BY:
SMF

SURFACE LOCATION:
SE 1/4 SE 1/4,
SEC. 29, T3N, R65W, 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.