



August 11, 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**
SHUTT 39-34
Township 4 North, Range 66 West, Section 34: NE/4SE/4
Unit Spacing: 04N-66W-34 E/2SE/4; 04N-66W-35 W/2SW/4
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,

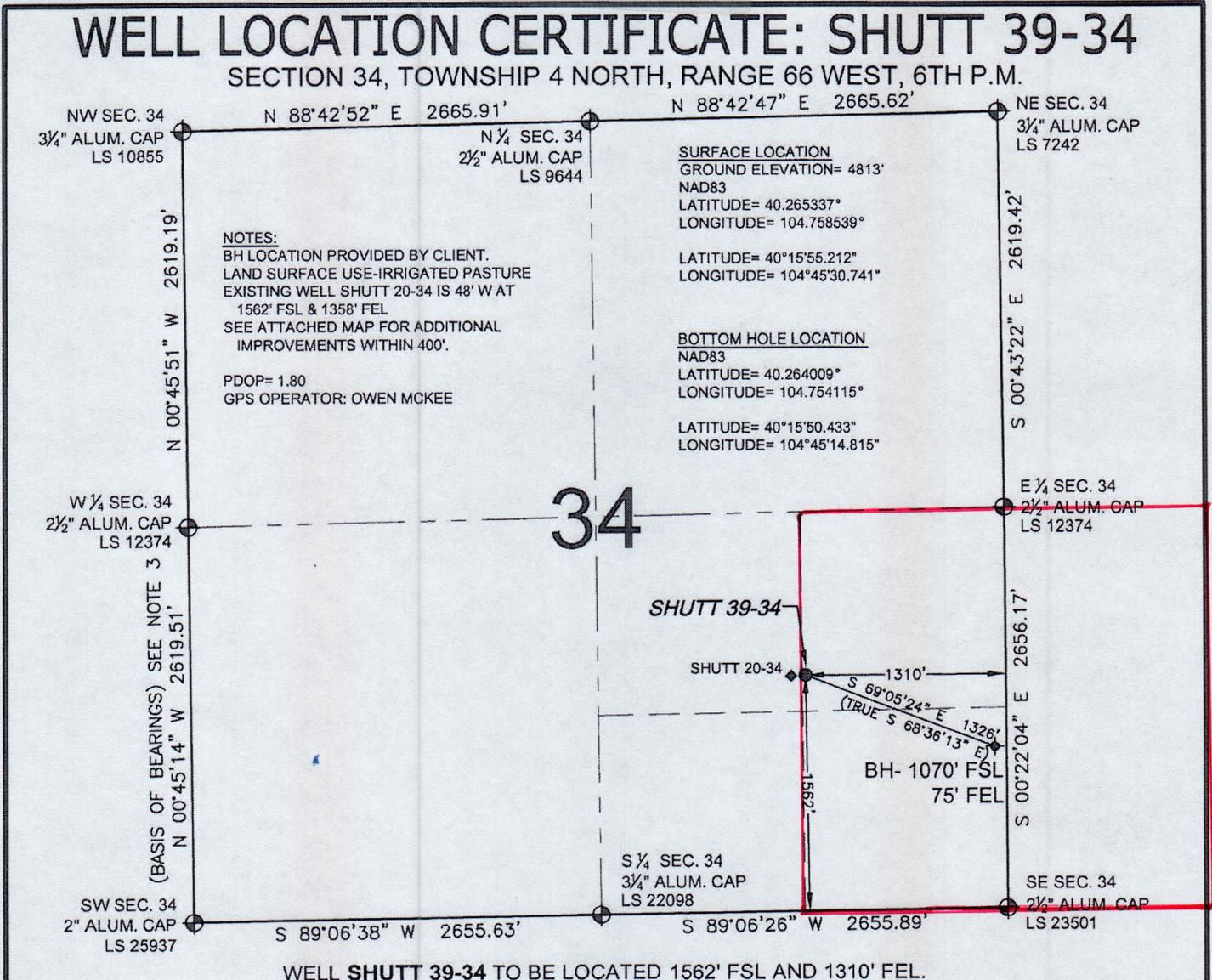
Kerr-McGee Oil and Gas Onshore LP

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

Rebecca Heim
Regulatory Analyst II

WELL LOCATION CERTIFICATE: SHUTT 39-34

SECTION 34, TOWNSHIP 4 NORTH, RANGE 66 WEST, 6TH P.M.



NOTES:
BH LOCATION PROVIDED BY CLIENT.
LAND SURFACE USE-IRRIGATED PASTURE
EXISTING WELL SHUTT 20-34 IS 48' W AT
1562' FSL & 1358' FEL
SEE ATTACHED MAP FOR ADDITIONAL
IMPROVEMENTS WITHIN 400'.

PDOP= 1.80
GPS OPERATOR: OWEN MCKEE

SURFACE LOCATION
GROUND ELEVATION= 4813'
NAD83
LATITUDE= 40.265337°
LONGITUDE= 104.758539°

LATITUDE= 40°15'55.212"
LONGITUDE= 104°45'30.741"

BOTTOM HOLE LOCATION
NAD83
LATITUDE= 40.264009°
LONGITUDE= 104.754115°

LATITUDE= 40°15'50.433"
LONGITUDE= 104°45'14.815"

NW SEC. 34
3/4" ALUM. CAP
LS 10855

N 1/4 SEC. 34
2 1/2" ALUM. CAP
LS 9644

NE SEC. 34
3/4" ALUM. CAP
LS 7242

W 1/4 SEC. 34
2 1/2" ALUM. CAP
LS 12374

E 1/4 SEC. 34
2 1/2" ALUM. CAP
LS 12374

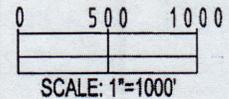
SW SEC. 34
2" ALUM. CAP
LS 25937

S 1/4 SEC. 34
3/4" ALUM. CAP
LS 22098

SE SEC. 34
2 1/2" ALUM. CAP
LS 23501

LEGEND

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

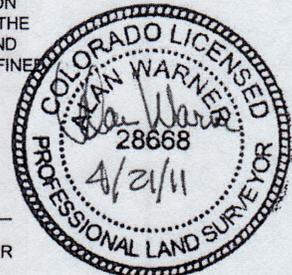


NOTES:

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, ALAN WARNER, 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.

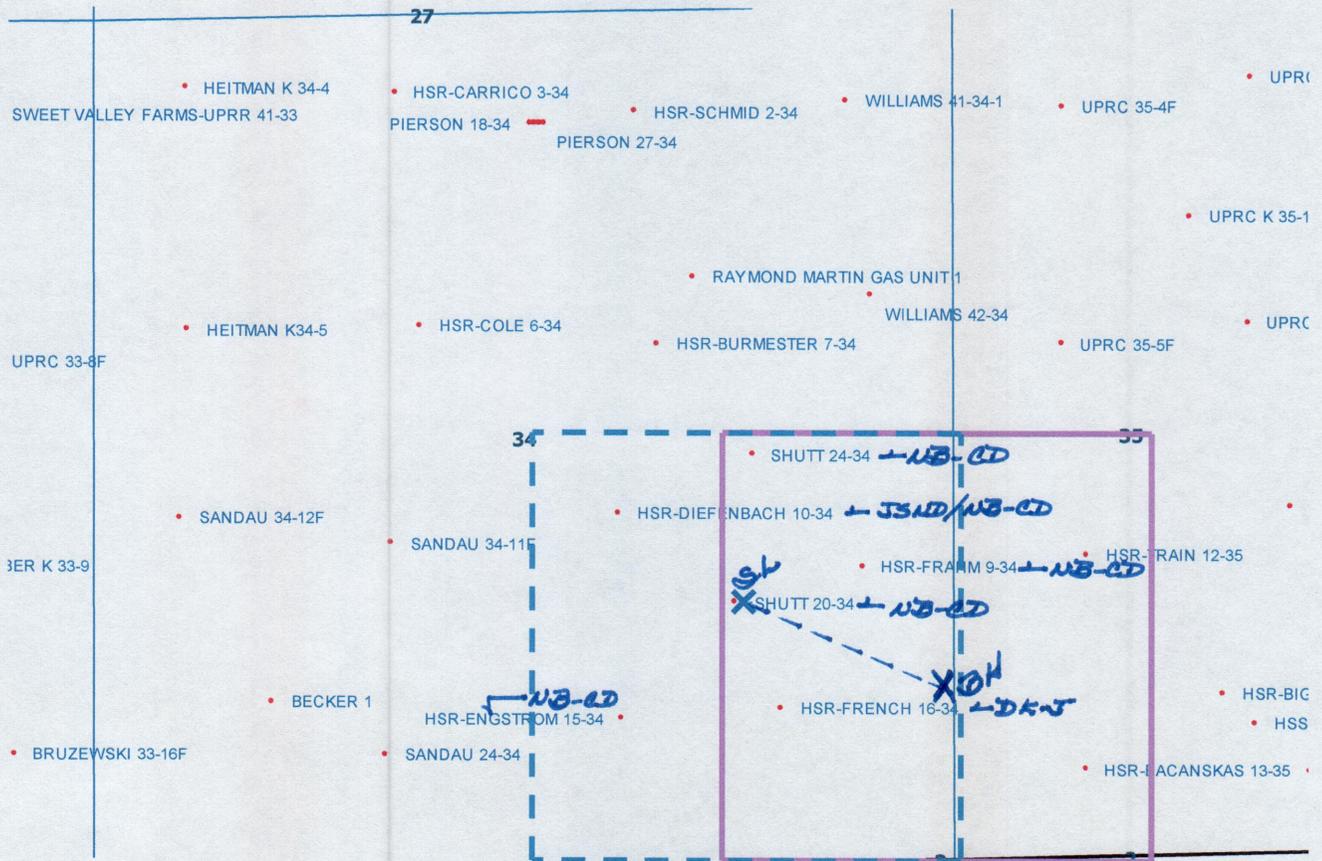
ALAN WARNER, PLS 28668
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
FOR AND ON BEHALF OF P.F.S., LLC



PREPARED BY: Petroleum Field Services, LLC 1801 W. 13th Ave. Denver, CO 80204	FIELD DATE: 04-13-11	SURFACE LOCATION:
	DRAWING DATE: 04-20-11	NE 1/4 SE 1/4, SEC. 34, T4N, R66W
	BY: SMF	WELD COUNTY, COLORADO

NOTICE: ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON AN DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVEN MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEAR FROM THIS SAID DATE OF THIS CERTIFICATION SHOWN HEREON.

SHUTT 39-34 NESE Sec. 37 T4N-R66W



LEGEND



Proposed 160 acre Spacing Unit (Solid line).



Bottom Hole Located SE/4SE/4, Sec. 34-T4N-R66W (Dashed line).

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