



## 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

November 10, 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**  
HEIN 29-1  
Township 1 North, Range 67 West, Section 1: SW/4NW/4  
Unit Spacing: 01N-67W-01 N/2NW/4; 02N-67W-36 S/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,

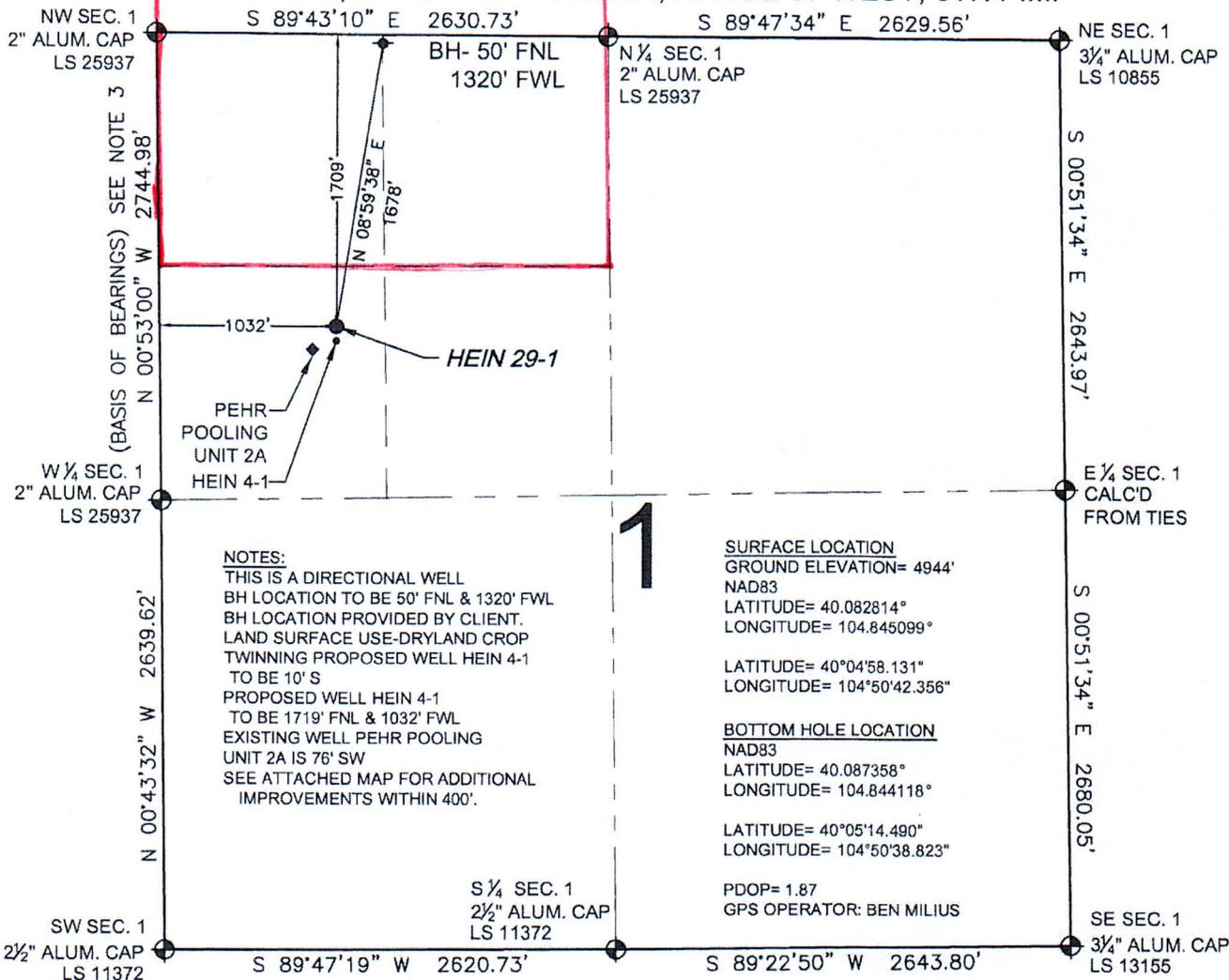
**Kerr-McGee Oil and Gas Onshore LP**

A handwritten signature in blue ink, appearing to read "Rebecca Heim".

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

# WELL LOCATION CERTIFICATE: HEIN 29-1

SECTION 1, TOWNSHIP 1 NORTH, RANGE 67 WEST, 6TH P.M.



**NOTES:**  
 THIS IS A DIRECTIONAL WELL  
 BH LOCATION TO BE 50' FNL & 1320' FWL  
 BH LOCATION PROVIDED BY CLIENT.  
 LAND SURFACE USE-DRYLAND CROP  
 TWINNING PROPOSED WELL HEIN 4-1  
 TO BE 10' S  
 PROPOSED WELL HEIN 4-1  
 TO BE 1719' FNL & 1032' FWL  
 EXISTING WELL PEHR POOLING  
 UNIT 2A IS 76' SW  
 SEE ATTACHED MAP FOR ADDITIONAL  
 IMPROVEMENTS WITHIN 400'.

**SURFACE LOCATION**  
 GROUND ELEVATION= 4944'  
 NAD83  
 LATITUDE= 40.082814°  
 LONGITUDE= 104.845099°  
 LATITUDE= 40°04'58.131"  
 LONGITUDE= 104°50'42.356"

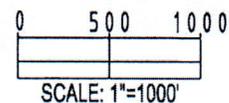
**BOTTOM HOLE LOCATION**  
 NAD83  
 LATITUDE= 40.087358°  
 LONGITUDE= 104.844118°  
 LATITUDE= 40°05'14.490"  
 LONGITUDE= 104°50'38.823"

PDOP= 1.87  
 GPS OPERATOR: BEN MILIUS

WELL HEIN 29-1 TO BE LOCATED 1709' FNL AND 1032' FWL, SECTION 1, T1N, R67W OF THE 6th P.M.

**LEGEND**

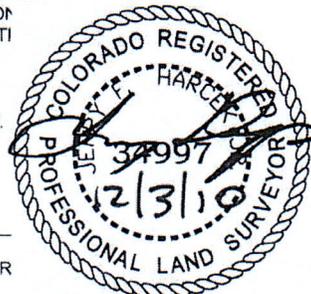
- ⊕ = EXISTING MONUMENT
- ⊙ = PROPOSED WELL
- ⊕ = BOTTOM HOLE
- ⊙ = EXISTING WELL
- BH = BOTTOM HOLE



**NOTES:**

1. THIS SURVEY WAS DONE BY GPS METHODS AND CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
2. ELEVATIONS SHOWN AT THE WELL HEAD, AS WELL AS HORIZONTAL CONTROL, ARE BASED ON GPS-RTK VALUES DERIVED FROM DOING 2-HOUR STATIC GPS SESSIONS AND REDUCTIONS USING O.P.U.S. SOLUTIONS.  
 VERTICAL = NAVD88; HORIZONTAL = NAD83/92
3. THE BEARINGS SHOWN HEREON ARE BASED ON GPS OBSERVATIONS BETWEEN THE MONUMENTS SHOWN HEREON AS FOUND ON THE FIELD DATE BELOW.
4. DISTANCES SHOWN ARE AT GROUND LEVEL, AS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED AT A PERPENDICULAR TO SECTION LINES.

I, JERRY F. HARCEK JR., 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 TI WELL HEIN 29-1. 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.



JERRY F. HARCEK JR., PLS 34997  
 COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
 FOR AND ON BEHALF OF P.F.S., LLC

PREPARED BY:  1801 W. 138th Ave. Denver, CO 80204	FIELD DATE: 11-23-10	WELL NAME: HEIN 29-1
	DRAWING DATE: 11-26-10	SURFACE LOCATION: WELD COUNTY, COLORADO SW 1/4 NW 1/4, SEC. 1, T1N, R67W
BY: TJN		

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.