



Kerr-McGee Oil & Gas Onshore LP

A subsidiary of Anadarko Petroleum Corporation

1099 18th Street
Denver, CO 80202
720-929-6000

February 11, 2014

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**
DOLPH 4C-1HZ
Township 2 North, Range 66 West, Section 1: SE/4SW/4
Unit Spacing: 02N-66W-Sec 01 W/2
02N-66W-Sec 12 N/2NW/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

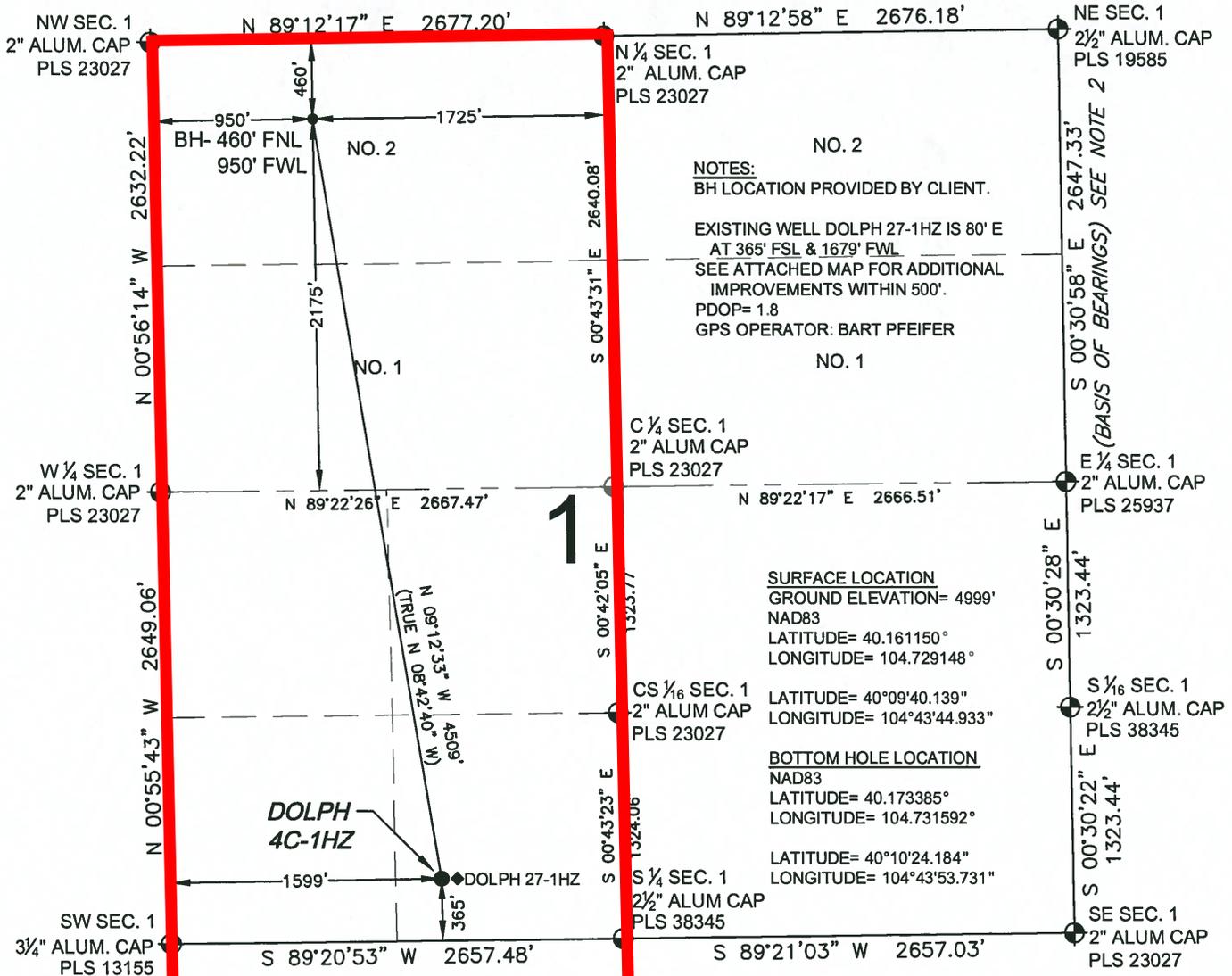
A handwritten signature in blue ink that reads "R Powers".

Ronett Powers
Regulatory Analyst II

PROPOSED SPACING UNIT

WELL LOCATION CERTIFICATE: DOLPH 4C-1HZ

SECTION 1, TOWNSHIP 2 NORTH, RANGE 66 WEST, 6TH P.M.



NOTES:
 BH LOCATION PROVIDED BY CLIENT.
 EXISTING WELL DOLPH 27-1HZ IS 80' E AT 365' FSL & 1679' FWL
 SEE ATTACHED MAP FOR ADDITIONAL IMPROVEMENTS WITHIN 500'.
 PDOP= 1.8
 GPS OPERATOR: BART PFEIFER

SURFACE LOCATION
 GROUND ELEVATION= 4999'
 NAD83
 LATITUDE= 40.161150°
 LONGITUDE= 104.729148°

BOTTOM HOLE LOCATION
 NAD83
 LATITUDE= 40.173385°
 LONGITUDE= 104.731592°

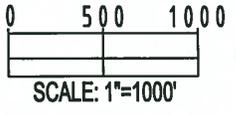
LATITUDE= 40°09'40.139"
 LONGITUDE= 104°43'44.933"

LATITUDE= 40°10'24.184"
 LONGITUDE= 104°43'53.731"

WELL DOLPH 4C-1HZ TO BE LOCATED 365' FSL AND 1599' FWL

LEGEND

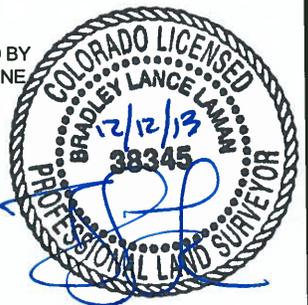
- ⊕ = EXISTING MONUMENT
- = PROPOSED WELL
- BH = BOTTOM HOLE
- ⬠ = BOTTOM HOLE
- ⬠ = EXISTING WELL



- NOTES:**
1. THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
 2. BEARINGS AND DISTANCE SHOWN HEREON ARE GRID AND BASED ON THE COLORADO STATE PLANE COORDINATE SYSTEM, NAD 83/2011 BETWEEN MONUMENTS AS LABELED HEREON AND ELEVATIONS SHOWN ARE NAVD 88, AS DERIVED BY GPS OBSERVATIONS.
 3. GRID DISTANCES ARE SHOWN, AS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO SECTION LINES.

BRADLEY L. LAMAN, 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.

BRADLEY L. LAMAN, PLS 38345
 COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
 FOR AND ON BEHALF OF P.F.S., LLC



PREPARED BY:	FIELD DATE:	SURFACE LOCATION:
	10-29-13	SE 1/4, SW 1/4,
	DRAWING DATE:	SEC. 1, T2N, R66W, 6TH P.M.
	11-01-13	
BY:	CHECKED:	WELD COUNTY, COLORADO
SMF	JAH	

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.