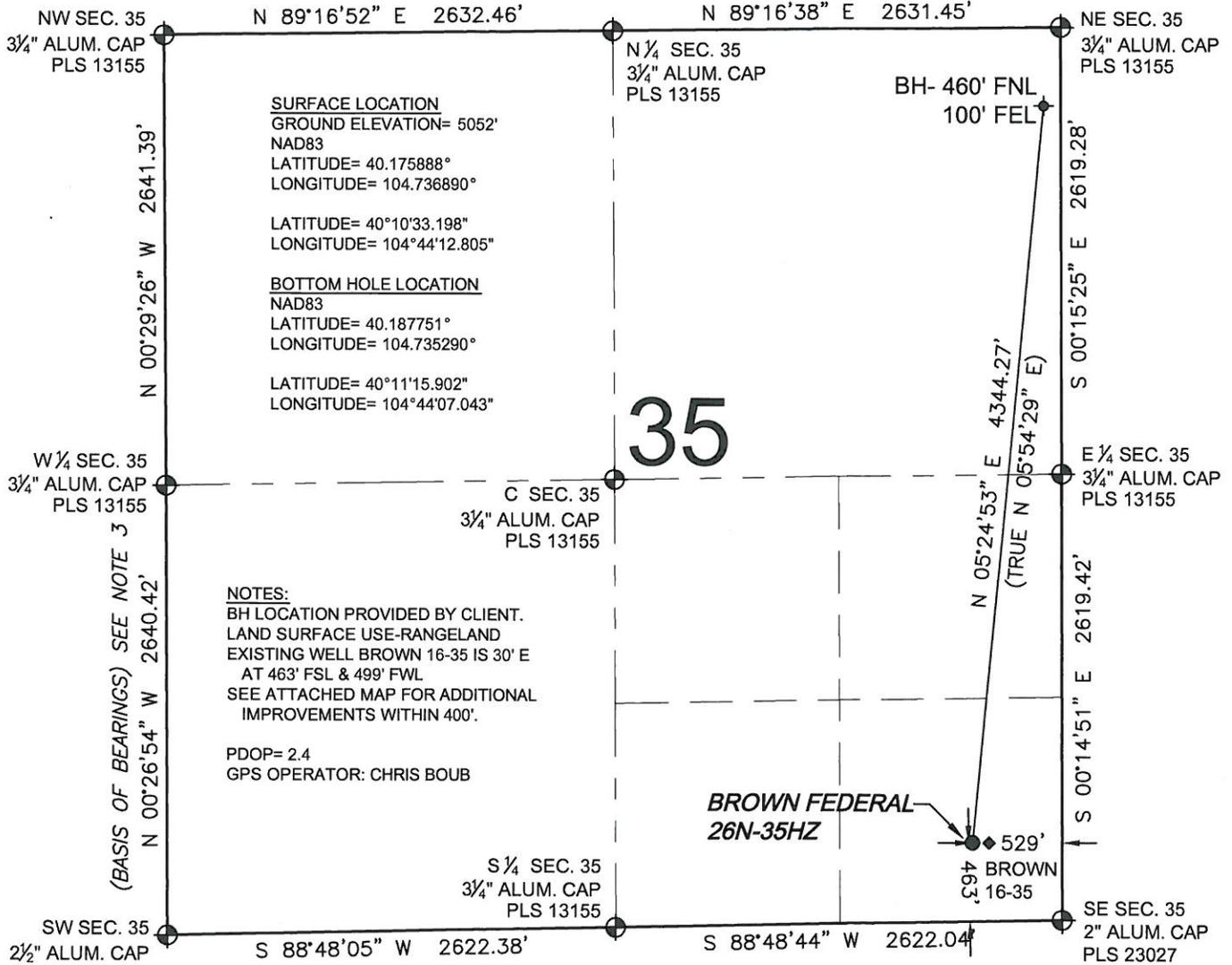


# WELL LOCATION CERTIFICATE: BROWN FEDERAL 26N-35HZ

SECTION 35, TOWNSHIP 3 NORTH, RANGE 66 WEST, 6TH P.M.



SURFACE LOCATION  
 GROUND ELEVATION= 5052'  
 NAD83  
 LATITUDE= 40.175888°  
 LONGITUDE= 104.736890°  
  
 LATITUDE= 40°10'33.198"  
 LONGITUDE= 104°44'12.805"  
BOTTOM HOLE LOCATION  
 NAD83  
 LATITUDE= 40.187751°  
 LONGITUDE= 104.735290°  
  
 LATITUDE= 40°11'15.902"  
 LONGITUDE= 104°44'07.043"

**NOTES:**  
 BH LOCATION PROVIDED BY CLIENT.  
 LAND SURFACE USE-RANGELAND  
 EXISTING WELL BROWN 16-35 IS 30' E  
 AT 463' FSL & 499' FWL  
 SEE ATTACHED MAP FOR ADDITIONAL  
 IMPROVEMENTS WITHIN 400'.  
  
 PDOP= 2.4  
 GPS OPERATOR: CHRIS BOUB

(BASIS OF BEARINGS) SEE NOTE 3  
 N 00°29'26" W 2641.39'  
 N 00°26'54" W 2640.42'  
 N 05°24'53" E 4344.27'  
 (TRUE N 05°54'29" E)

NW SEC. 35  
 3/4" ALUM. CAP  
 PLS 13155

W 1/4 SEC. 35  
 3/4" ALUM. CAP  
 PLS 13155

SW SEC. 35  
 2 1/2" ALUM. CAP  
 PLS 19585

N 1/4 SEC. 35  
 3/4" ALUM. CAP  
 PLS 13155

NE SEC. 35  
 3/4" ALUM. CAP  
 PLS 13155

C SEC. 35  
 3/4" ALUM. CAP  
 PLS 13155

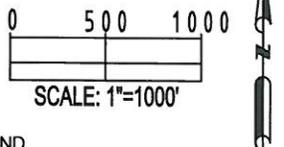
E 1/4 SEC. 35  
 3/4" ALUM. CAP  
 PLS 13155

S 1/4 SEC. 35  
 3/4" ALUM. CAP  
 PLS 13155

SE SEC. 35  
 2" ALUM. CAP  
 PLS 23027

**LEGEND**

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



- 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, L. KELLEY STEVENSON, 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.



L. KELLEY STEVENSON, PLS 38231  
 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: 11-17-11	SURFACE LOCATION: SE 1/4 SE 1/4, SEC. 35, T3N, R66W, 6TH P.M. WELD COUNTY, COLORADO
	DRAWING DATE: 11-21-11	
	BY: SDL	

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.