

# WELL LOCATION CERTIFICATE: PIONEER 26-11

SECTION 2, TOWNSHIP 2 NORTH, RANGE 65 WEST, 6TH P.M.

W ¼ SEC. 2  
3 ¼" ALUM. CAP  
PLS 13155

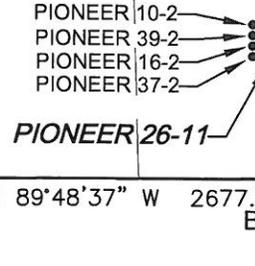
E ¼ SEC. 2  
3 ¼" ALUM. CAP  
PLS 36070

N 00°02'02" E 2646.83'  
(BASIS OF BEARINGS) SEE NOTE 3

**NOTES:**  
THIS IS A DIRECTIONAL WELL  
BH LOCATION TO BE 50' FNL & 50' FEL  
BH LOCATION PROVIDED BY CLIENT.  
LAND SURFACE USE-DRYLAND PASTURE  
TWINNING EXISTING WELL PIONEER 37-2  
WHICH IS 49' W  
EXISTING WELL PIONEER 37-2 IS  
643' FSL & 660' FEL  
EXISTING WELL PIONEER 16-2 IS 52' NW  
EXISTING WELL PIONEER 39-2 IS 59' NW  
EXISTING WELL PIONEER 10-2 IS 70' NW  
SEE ATTACHED MAP FOR ADDITIONAL  
IMPROVEMENTS WITHIN 400'.

## 2

S ¼ SEC. 2  
3 ¼" ALUM. CAP  
PLS 13155



S 02°08'00" E 2615.90'

SW SEC. 2  
2" ALUM. CAP  
PLS 25937

S 89°48'18" W 2677.02'

S 89°48'37" W 2677.72'

SE SEC. 2  
2 ½" ALUM. CAP  
PLS 19585

**SURFACE LOCATION**  
GROUND ELEVATION= 4849'  
NAD83  
LATITUDE= 40.162178°  
LONGITUDE= 104.623539°  
  
LATITUDE= 40°09'43.842"  
LONGITUDE= 104°37'24.739"

**BOTTOM HOLE LOCATION**  
NAD83  
LATITUDE= 40.160266°  
LONGITUDE= 104.621471°  
  
LATITUDE= 40°09'36.958"  
LONGITUDE= 104°37'17.295"  
  
PDOP= 1.66  
GPS OPERATOR: CHRIS PEARSON

S 00°03'07" W 2666.52'

## 11

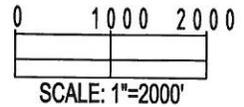
W ¼ SEC. 11  
2" ALUM. CAP  
PLS 25937

E ¼ SEC. 11  
2" ALUM. CAP  
PLS 25937

WELL **PIONEER 26-11** TO BE LOCATED 643' FSL AND 610' FEL, SECTION 2, T2N, R65W OF THE 6th P.M.

**LEGEND**

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



**NOTES:**

- THIS SURVEY WAS DONE BY GPS METHODS AND CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
- 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
- THE BEARINGS SHOWN HEREON ARE BASED ON GPS OBSERVATIONS BETWEEN THE MONUMENTS SHOWN HEREON AS FOUND ON THE FIELD DATE BELOW.
- 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 THE WELL **PIONEER 26-11**. 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:  PFS Petroleum Field Services, LLC 1801 W. 13th Ave. Denver, CO 80204	FIELD DATE: 11-18-10	WELL NAME: PIONEER 26-11
	DRAWING DATE: 11-23-10	SURFACE LOCATION: WELD COUNTY, COLORADO SE 1/4 SE 1/4, SEC. 2, T2N, R65W
BY: SMF		

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.