

# WELL LOCATION CERTIFICATE: GUERRERO 14-7

SECTION 7, TOWNSHIP 2 NORTH, RANGE 65 WEST, 6TH P.M.

N 88°11'57" E 5242.75'

NW SEC. 7  
2" ALUM. CAP  
LS 23027

NE SEC. 7  
2" ALUM. CAP  
LS 25937

**NOTES:**  
THIS IS A DIRECTIONAL WELL  
BH LOCATION TO BE 660' FSL & 1980' FWL  
BH LOCATION PROVIDED BY CLIENT.  
LAND SURFACE USE-OPEN FIELD  
TWINNING PROPOSED WELL GUERRERO 35-7  
TO BE 16' W  
PROPOSED WELL GUERRERO 35-7  
TO BE 519' FSL & 558' FWL  
SEE ATTACHED MAP FOR ADDITIONAL  
IMPROVEMENTS WITHIN 400'.

(BASIS OF BEARINGS) SEE NOTE 3  
N 00°34'14" W 5199.34'

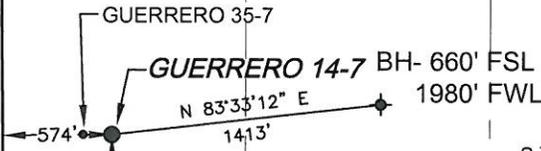
S 00°01'02" W 5296.29'

7

**SURFACE LOCATION**  
GROUND ELEVATION= 4986'  
NAD83  
LATITUDE= 40.147335°  
LONGITUDE= 104.713774°

**BOTTOM HOLE LOCATION**  
NAD83  
LATITUDE= 40.147737°  
LONGITUDE= 104.708744°

PDOP= 1.78  
GPS OPERATOR: CHRIS PEARSON



S ¼ SEC. 7  
2½" ALUM. CAP  
LS 23027

SW SEC. 7  
2½" ALUM. CAP  
ILLEGIBLE

SE SEC. 7  
2½" ALUM. CAP  
LS 23027

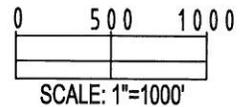
S 89°14'40" W 2541.41'

S 89°15'47" W 2645.83'

WELL **GUERRERO 14-7** TO BE LOCATED 519' FSL AND 574' FWL, SECTION 7, T2N, R65W OF THE 6th P.M.

**LEGEND**

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



- 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 **GUERRERO 14-7**. 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:  Petroleum Field Services, LLC 1501 W. 130th Ave. Denver, CO 80204	FIELD DATE: 07-29-10	WELL NAME: GUERRERO 14-7
	DRAWING DATE: 08-03-10	SURFACE LOCATION: WELD COUNTY, COLORADO
	BY: SMF	SW 1/4 SW 1/4, SEC. 7, T2N, R65W

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.