

WELL LOCATION CERTIFICATE: LETT 33-15 5N46W

SECTION 15, TOWNSHIP 5 NORTH, RANGE 46 WEST, 6TH P.M.

N 87°27'52" E 5314.05'

NW SEC. 15
3/4" ALUM. CAP
LS 26602

NE SEC. 15
3/4" ALUM. CAP
LS 26602

NOTES:
THIS IS A VERTICAL WELL
LAND SURFACE USE-OPEN FIELD
SEE ATTACHED MAP FOR ADDITIONAL
IMPROVEMENTS WITHIN 400'.

ECOLOGY:
NRCS MAP #19: HAXTUN SANDY LOAM
0-3% SLOPES

(BASIS OF BEARINGS) SEE NOTE 3
N 02°18'32" W 5315.28'

S 02°25'49" E 5288.65'

15

SURFACE LOCATION
GROUND ELEVATION= 3866'
NAD83
LATITUDE= 40.401241°
LONGITUDE= 102.479229°

LETT 33-15
5N46W

PDOP= 2.13
GPS OPERATOR: CHRIS PEARSON

1613'

2101'

SW SEC. 15
3/4" ALUM. CAP
LS 26602

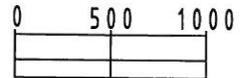
S 87°10'42" W 5325.42'

SE SEC. 15
3/4" ALUM. CAP
LS 26602

WELL LETT 33-15 5N46W TO BE LOCATED 2101' FSL AND 1613' FEL, SECTION 15, T5N, R46W OF THE 6th P.M.

LEGEND

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



SCALE: 1"=1000'

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 **AUGUSTUS ENERGY PARTNERS, LLC**, 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 **LETT 33-15 5N46W**. 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 1801 W. 13th Ave. Denver, CO 80204	FIELD DATE: 07-22-10	WELL NAME: LETT 33-15 5N46W
	DRAWING DATE: 08-05-10	SURFACE LOCATION: YUMA COUNTY, COLORADO NW 1/4 SE 1/4, SEC. 15, T5N, R46W
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.