

WELL LOCATION CERTIFICATE: LUEKING 43-13 5N47W

SECTION 13, TOWNSHIP 5 NORTH, RANGE 47 WEST, 6TH P.M.

N 87°49'38" E 5327.44'

NW SEC. 13
3/4" ALUM. CAP
LS 26602

NE SEC. 13
3/4" ALUM. CAP
LS 36571

SURFACE LOCATION
GROUND ELEVATION= 3935'
NAD83
LATITUDE= 40.399337°
LONGITUDE= 102.553180°

PDOP= 2.00
GPS OPERATOR: WAYLON BINGER

(BASIS OF BEARINGS) SEE NOTE 3
N 01°59'29" W 5309.35'

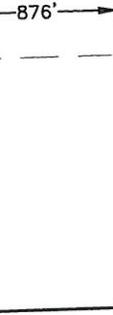
S 01°55'55" E 5307.62'

13

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

ECOLOGY:
NRCS MAP #35: PLANTER LOAM

LUEKING 43-13
5N47W



S 87°48'30" W
5281.78'

SW SEC. 14
#5 REBAR

S 01°59'29" E 10557.54'

S 87°48'30" W 5321.95'

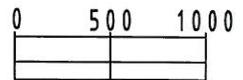
SE SEC. 13
#5 REBAR

SW SEC. 25
#5 REBAR

WELL LUEKING 43-13 5N47W TO BE LOCATED 1566' FSL AND 876' FEL, SECTION 13, T5N, R47W OF THE 6th P.M.

LEGEND

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



SCALE: 1"=1000'



NOTES:

1. THIS SURVEY WAS DONE BY GPS METHODS AND CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
2. 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
3. THE BEARINGS SHOWN HEREON ARE BASED ON GPS OBSERVATIONS BETWEEN THE MONUMENTS SHOWN HEREON AS FOUND ON THE FIELD DATE BELOW.
4. 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 **LUEKING 43-13 5N47W**. 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: 1801 W. 13th Ave. Denver, CO 80204	FIELD DATE: 07-13-10	WELL NAME: LUEKING 43-13 5N47W
	DRAWING DATE: 07-20-10	SURFACE LOCATION: YUMA COUNTY, COLORADO
	BY: SMF	NE 1/4 SE 1/4, SEC. 13, T5N, R47W

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.