

WELL LOCATION CERTIFICATE: WEIGEL 29-12

SECTION 29, TOWNSHIP 1 NORTH, RANGE 44 WEST, 6TH P.M.

NW SEC. 29
3/4" ALUM. CAP
LS 29035

N 87°37'57" E 5106.42'

NE SEC. 29
3/4" ALUM. CAP
LS 36571

NOTES:

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

N 00°28'30" W 5276.79'

29

WEIGEL
29-12

SURFACE LOCATION

GROUND ELEVATION= 3930'

NAD83

LATITUDE= 40.02276°

LONGITUDE= 102.31877°

PDOP= 1.86

GPS OPERATOR: CHRIS PEARSON

S 02°08'29" E 5297.56'

SW SEC. 29
3/4" ALUM. CAP
LS 36571

S 87°53'19" W 2629.89'

S 1/4 SEC. 29
3/4" ALUM. CAP
LS 36571

S 87°53'25" W 2629.93'

SE SEC. 29
3/4" ALUM. CAP
LS 36571

WELL WEIGEL 29-12 TO BE LOCATED 1850' FSL AND 881' FWL, SECTION 29, T1N, R44W OF THE 6th P.M.

LEGEND

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

0 500 1000

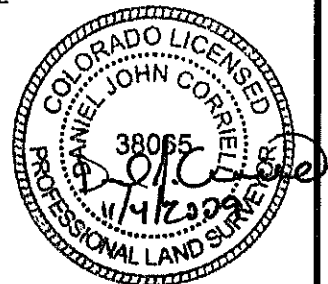
SCALE: 1"=1000'

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, DANIEL J. CORRIELL, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO ROSETTA RESOURCES INC., 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 WEIGEL 29-12. 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.

DANIEL J. CORRIELL, PLS 38065
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
FOR AND ON BEHALF OF P.F.S., LLC



PREPARED BY:



FIELD DATE:

11-02-09

DRAWING DATE:

11-03-09

BY:

SMF

WELL NAME:

WEIGEL 29-12

SURFACE LOCATION:

YUMA COUNTY, COLORADO

NW 1/4 SW 1/4, SEC. 29, T1N, R44W

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.