

WELL LOCATION CERTIFICATE: KERBS L&C 17-05

SECTION 17, TOWNSHIP 1 SOUTH, RANGE 45 WEST, 6TH P.M.

NW SEC. 17
2" ALUM. CAP
LS 23524

N 87°50'48" E 5247.87'

NE SEC. 17
2" ALUM. CAP
LS 23524

SURFACE LOCATION
GROUND ELEVATION= 3912'
NAD83
LATITUDE= 39.97135°
LONGITUDE= 102.44659°

GPS OPERATOR: CHRIS PEARSON

N 02°06'51" W 5171.99'

KERBS L&C
17-05

17

(BASIS OF BEARINGS) SEE NOTE 3
S 02°21'30" E 5182.76'

NOTES:

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

SW SEC. 17
3/4" ALUM. CAP
LS 10586

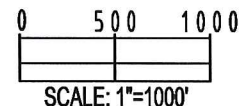
S 87°57'48" W 5269.97'

SE SEC. 17
3/4" ALUM. CAP
LS 10586

WELL KERBS L&C 17-05 TO BE LOCATED 1569' FNL AND 653' FWL, SECTION 17, T1S, R45W OF THE 6th P.M.

LEGEND

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

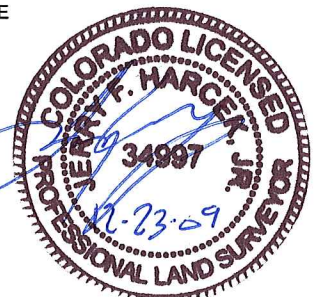



NOTES:

- THIS SURVEY WAS DONE BY GPS METHODS AND CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215 (PDOP VALUE IS LESS THAN 6.0, LATITUDE AND LONGITUDE ARE ACCURATE TO 5 DECIMAL PLACES, AND GPS OBSERVATIONS ARE DIFFERENTIAL AND DONE BY QUALIFIED PERSONNEL.)
- 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 ROSETTA RESOURCES OPERATING 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 KERBS L&C 17-05. 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: 12-10-09	WELL NAME: KERBS L&C 17-05
	DRAWING DATE: 12-22-09	SURFACE LOCATION: YUMA COUNTY, COLORADO
	BY: CP	SW 1/4 NW 1/4, SEC. 17, T1S, R45W

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.