

SECTION 21, TOWNSHIP 1 SOUTH, RANGE 44 WEST, 6TH P.M.

N 87°19'29" E 5333.84'

NE SEC. 21
2" ALUM. CAP
LS 1791

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

W ¼ SEC. 21
3¼" ALUM. CAP
LS 26602

21

SURFACE LOCATION
GROUND ELEVATION= 3873'
NAD83
LATITUDE= 39.949476°
LONGITUDE= 102.303773°

PDOP: 1.80
GPS OPERATOR: CHRIS PEARSON

ALLISON 21-15-

SW SEC. 21
3 1/4" ALUM. CAP
ILLEGIBLE

S 87°13'02" W 5301.57'

SE SEC. 21
1 1/2" ALUM. CAP
ILLEGIBLE

WELL **ALLISON 21-15** TO BE LOCATED 471' FSL AND 1590' FEL, SECTION 21, T1S, R44W OF THE 6th P.M.

0 500 1000

SCALE: 1"=1000'

 = EXISTING MONUMENT
 = BOTTOM HOLE
 BH = BOTTOM HOLE
 = PROPOSED WELL
 = EXISTING WELL

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.

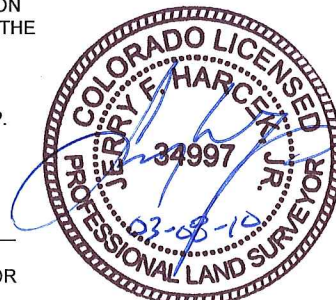
VERTICAL = NAVD88; HORIZONTAL = NAD83/92

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 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 ALLISON 21-15. 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:

PFS  **LLC**
Petroleum Field Services, LLC
1801 W. 13th Ave.
Denver, CO 80204

FIELD DATE: 03-02-10	WELL NAME: ALLISON 21-15
DRAWING DATE: 03-05-10	SURFACE LOCATION: YUMA COUNTY, COLORADO
BY: SME	SW 1/4 SE 1/4, SEC. 21, T1S, 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.