

SECTION 13, TOWNSHIP 1 NORTH, RANGE 67 WEST, 6TH P.M.



0 500 1000

SCALE: 1"=1000'

I, JERRY F. HARCEK JR., A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO KERR-MCGEE OIL & GAS ONSHORE 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 RIVERBEND 24-13. 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



- 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 GRID LEVEL, AS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED AT A PERPENDICULAR TO SECTION LINES.

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.



FIELD DATE:
04-27-10

DRAWING DATE:
05-03-10

BY:
SMF

WELL NAME:
RIVERBEND 24-13

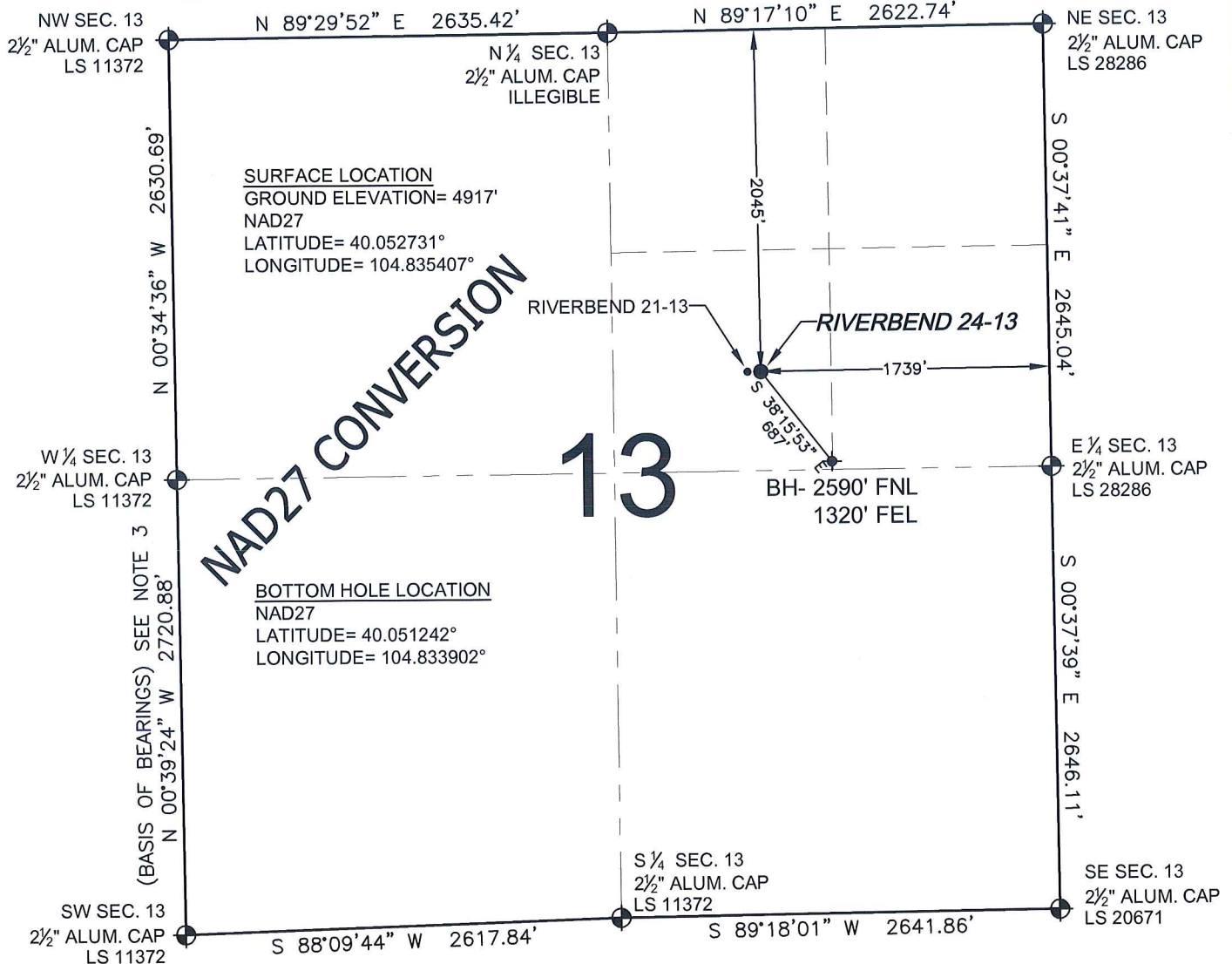
SURFACE LOCATION:

WELD COUNTY, COLORADO

SW 1/4 NE 1/4, SEC. 13, T1N, R67W

EXHIBIT: NAD27 CONVERSION

SECTION 13, TOWNSHIP 1 NORTH, RANGE 67 WEST, 6TH P.M.



WELL **RIVERBEND 24-13** TO BE LOCATED 2045' FNL AND 1739' FEL, SECTION 13, T1N, R67W OF THE 6th P.M.

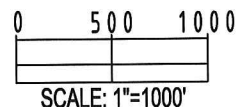
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LEGEND

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

NOTE: LATITUDE AND LONGITUDE SHOWN WERE CONVERTED FROM NAD83 USING CORPSCON 6.0 (PROGRAM). PFS DOES NOT WARRANT OR GUARANTEE THEIR ACCURACY.



PREPARED BY:



FIELD DATE: 04-27-10	WELL NAME: RIVERBEND 24-13
DRAWING DATE: 05-03-10	SURFACE LOCATION: WELD COUNTY, COLORADO
BY: SMF	SW 1/4 NE 1/4, SEC. 13, T1N, R67W

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