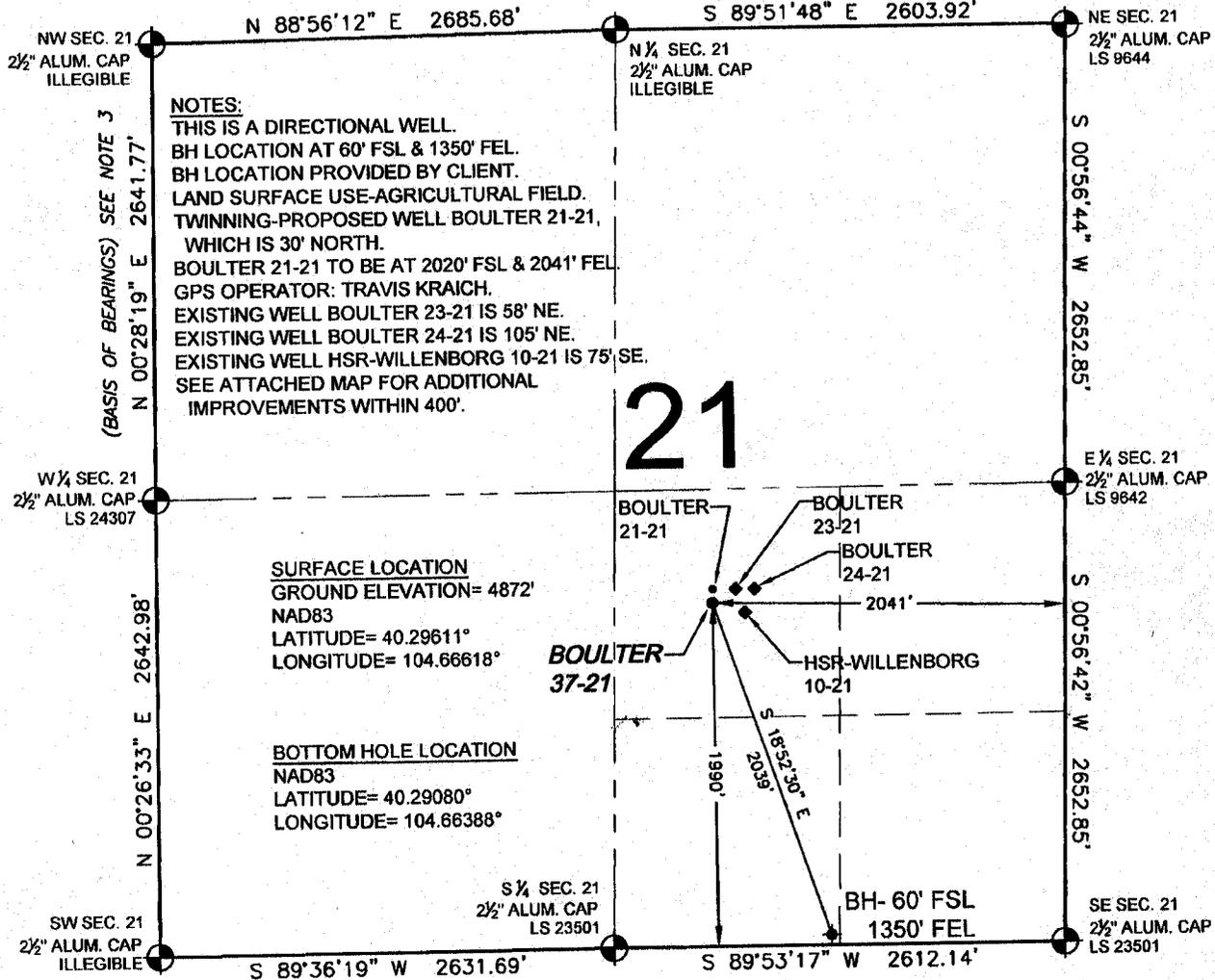


WELL LOCATION CERTIFICATE: BOULTER 37-21

SECTION 21, TOWNSHIP 4 NORTH, RANGE 65 WEST, 6TH P.M.



NOTES:
 THIS IS A DIRECTIONAL WELL.
 BH LOCATION AT 60' FSL & 1350' FEL.
 BH LOCATION PROVIDED BY CLIENT.
 LAND SURFACE USE-AGRICULTURAL FIELD.
 TWINNING-PROPOSED WELL BOULTER 21-21,
 WHICH IS 30' NORTH.
 BOULTER 21-21 TO BE AT 2020' FSL & 2041' FEL.
 GPS OPERATOR: TRAVIS KRAICH.
 EXISTING WELL BOULTER 23-21 IS 58' NE.
 EXISTING WELL BOULTER 24-21 IS 105' NE.
 EXISTING WELL HSR-WILLENBORG 10-21 IS 75' SE.
 SEE ATTACHED MAP FOR ADDITIONAL
 IMPROVEMENTS WITHIN 400'.

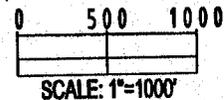
SURFACE LOCATION
 GROUND ELEVATION= 4872'
 NAD83
 LATITUDE= 40.29611°
 LONGITUDE= 104.66618°

BOTTOM HOLE LOCATION
 NAD83
 LATITUDE= 40.29080°
 LONGITUDE= 104.66388°

WELL BOULTER 37-21 TO BE LOCATED 1990' FSL AND 2041' FEL, SECTION 21, T4N, R65W OF THE 6th P.M.

LEGEND

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

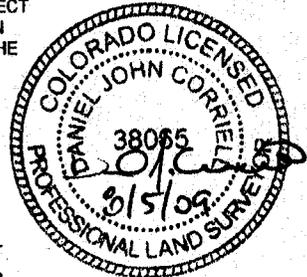


NOTES:

- 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, DANIEL J. CORRIELL, 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 **BOULTER 37-21**. 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: PFS Professional Field Services, LLC 1801 W. 13th Ave. Denver, CO 80204	FIELD DATE: 07-24-09	WELL NAME: BOULTER 37-21
	DRAWING DATE: 07-29-09	SURFACE LOCATION: WELD COUNTY, COLORADO
	BY: CP	NE 1/4 SE 1/4, SEC. 21, T4N, R65W

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.