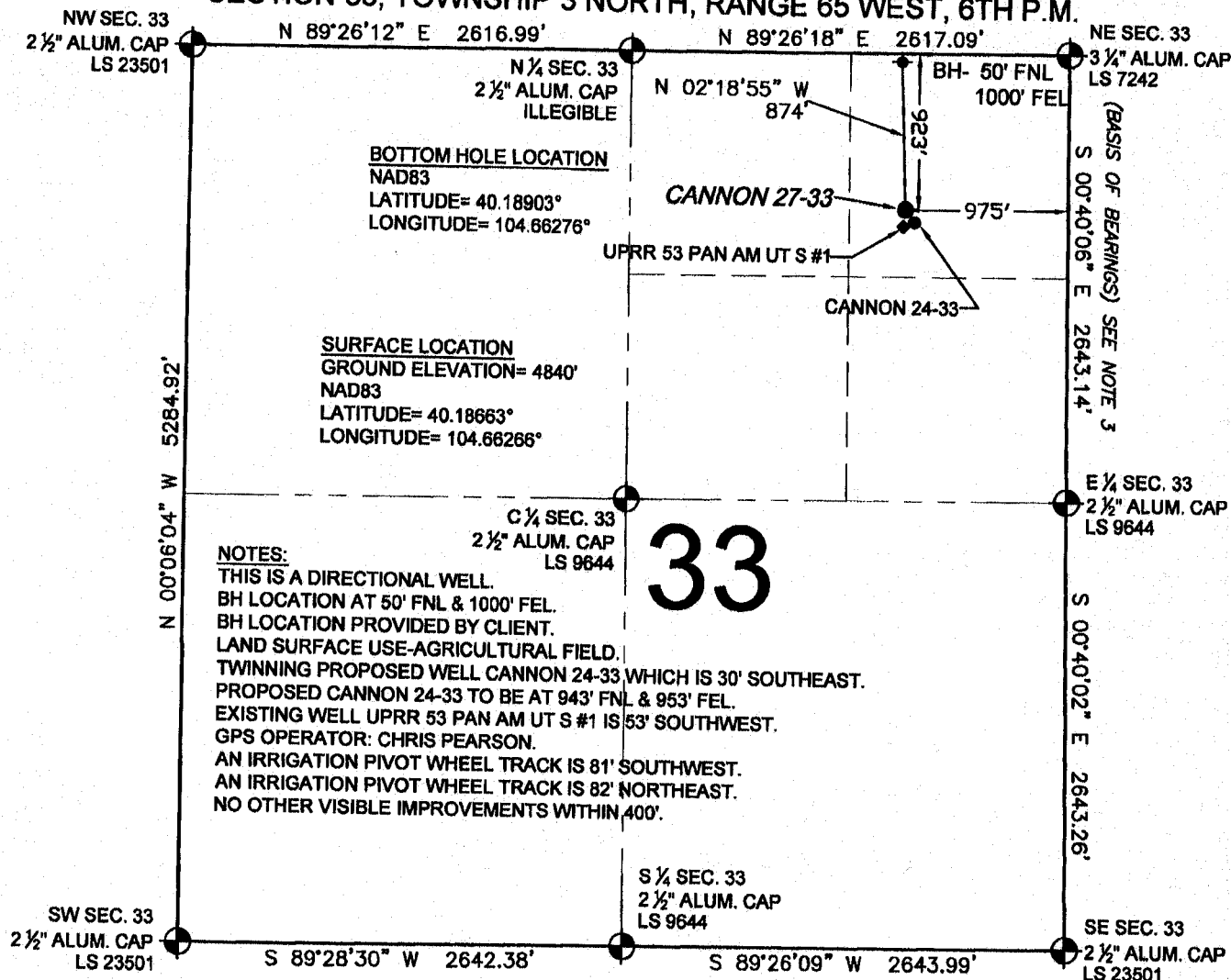


WELL LOCATION CERTIFICATE: CANNON 27-33

SECTION 33, TOWNSHIP 3 NORTH, RANGE 65 WEST, 6TH P.M.



NOTES:

THIS IS A DIRECTIONAL WELL.
 BH LOCATION AT 50' FNL & 1000' FEL.
 BH LOCATION PROVIDED BY CLIENT.
 LAND SURFACE USE-AGRICULTURAL FIELD.
 TWINNING PROPOSED WELL CANNON 24-33 WHICH IS 30' SOUTHEAST.
 PROPOSED CANNON 24-33 TO BE AT 943' FNL & 953' FEL.
 EXISTING WELL UPRR 53 PAN AM UT S #1 IS 53' SOUTHWEST.
 GPS OPERATOR: CHRIS PEARSON.
 AN IRRIGATION PIVOT WHEEL TRACK IS 81' SOUTHWEST.
 AN IRRIGATION PIVOT WHEEL TRACK IS 82' NORTHEAST.
 NO OTHER VISIBLE IMPROVEMENTS WITHIN 400'.

WELL CANNON 27-33 TO BE LOCATED 923' FNL AND 975' FEL, SECTION 33, T3N, R65W OF THE 6th P.M.

LEGEND

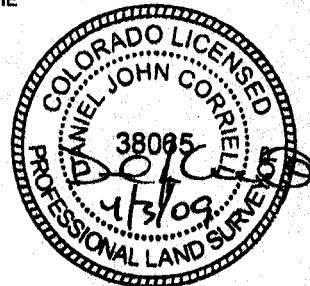
- = EXISTING MONUMENT ♦ = BOTTOM HOLE BH = BOTTOM HOLE
 ● = PROPOSED WELL ♦ = EXISTING WELL

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 **CANNON 27-33**. 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

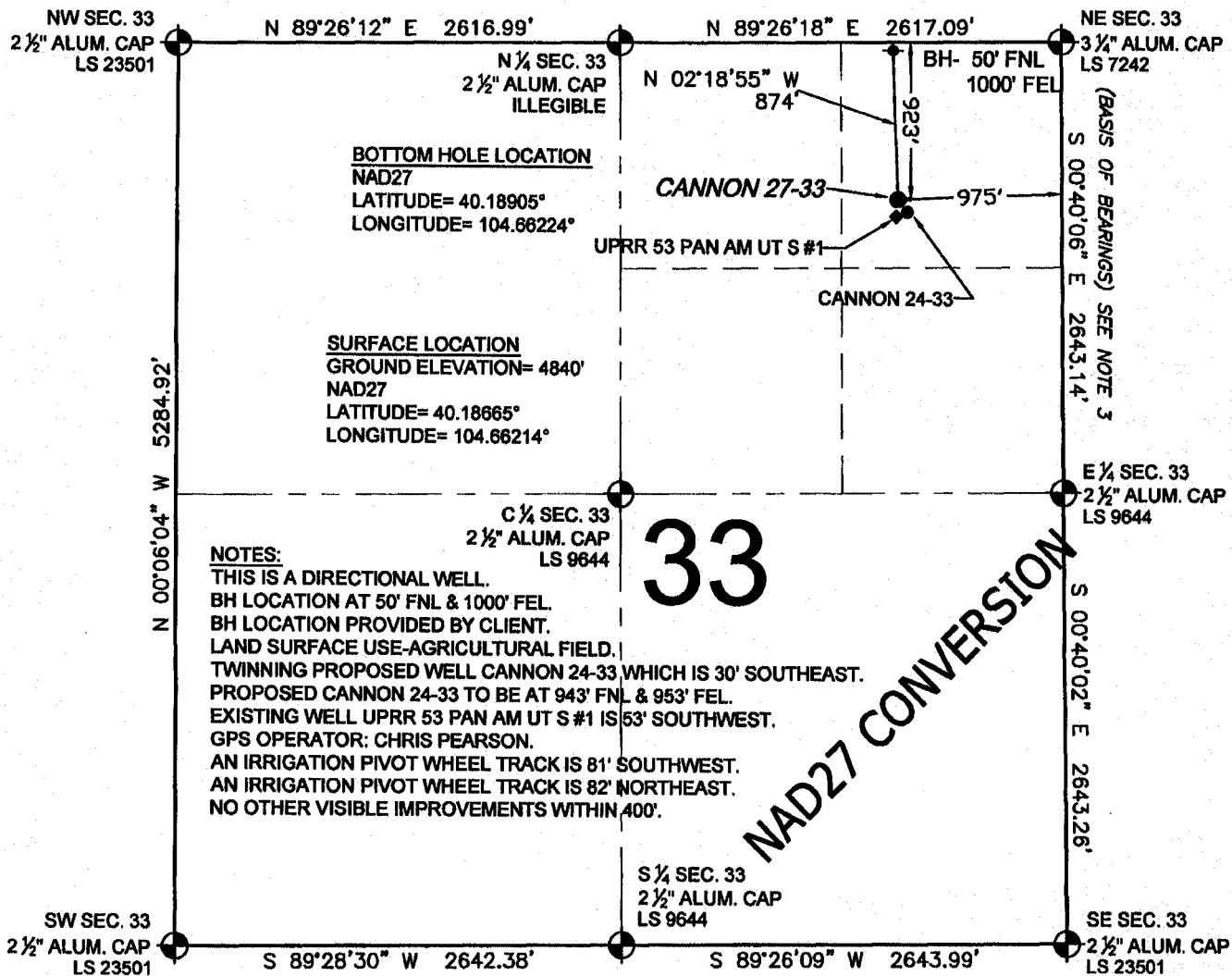


FIELD DATE: 04-02-09	WELL NAME: CANNON 27-33
DRAWING DATE: 04-02-09	SURFACE LOCATION: WELD COUNTY, COLORADO
BY: CP	NE 1/4 NE 1/4, SEC. 33, T3N, R65W

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.

EXHIBIT: NAD27 CONVERSION

SECTION 33, TOWNSHIP 3 NORTH, RANGE 65 WEST, 6TH P.M.



NOTES:
 THIS IS A DIRECTIONAL WELL.
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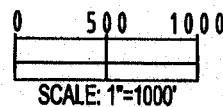
NOTES:

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LEGEND

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

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



PREPARED BY: PFS Precision Field Services, LLC 1801 W. 13th Ave. Denver, CO 80204	FIELD DATE: 04-02-09	WELL NAME: CANNON 27-33
	DRAWING DATE: 04-02-09	SURFACE LOCATION: WELD COUNTY, COLORADO NE 1/4 NE 1/4, SEC. 33, T3N, R65W
	BY: CP	

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