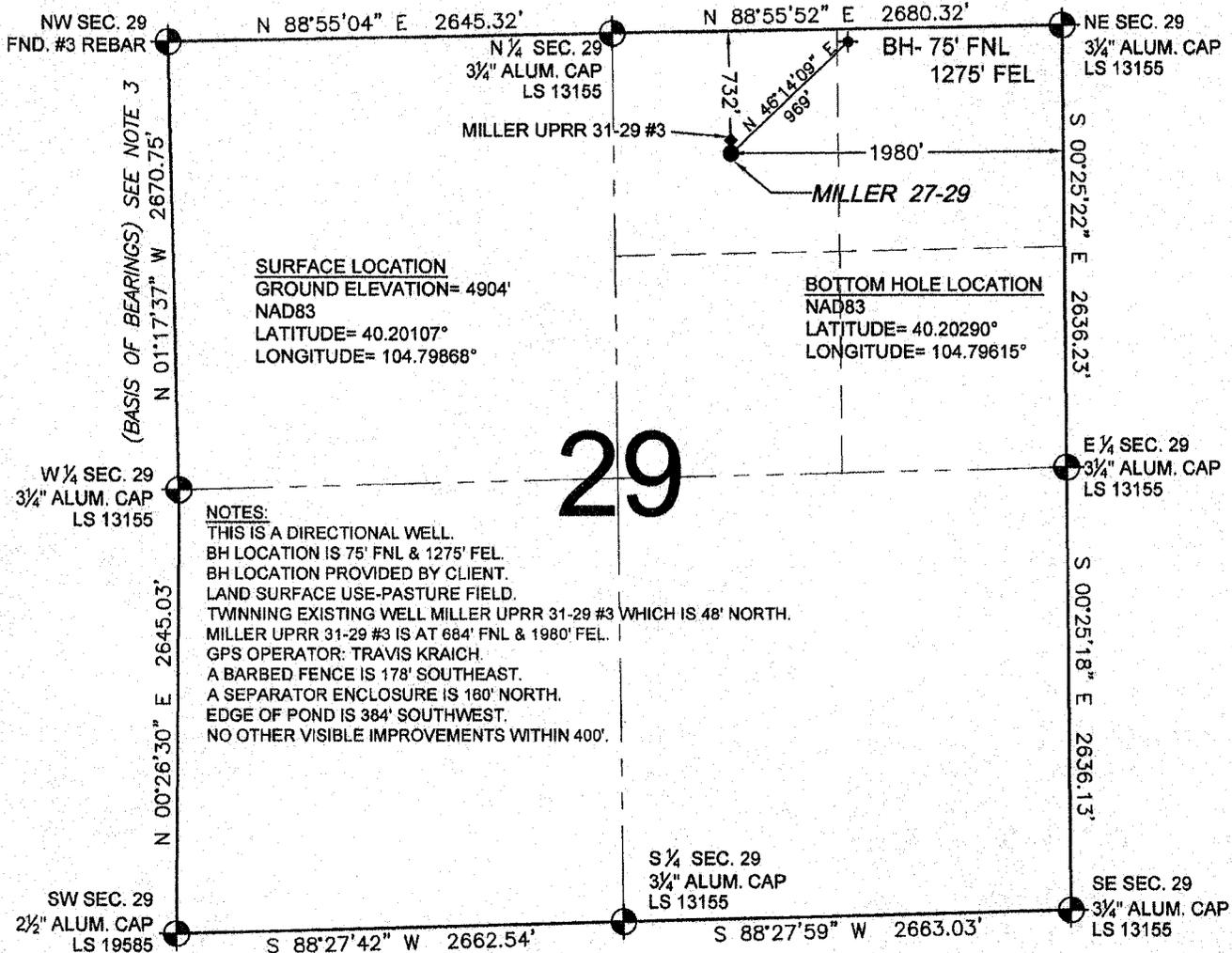


WELL LOCATION CERTIFICATE: MILLER 27-29

SECTION 29, TOWNSHIP 3 NORTH, RANGE 66 WEST, 6TH P.M.

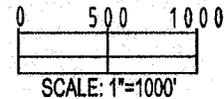


NOTES:
 THIS IS A DIRECTIONAL WELL.
 BH LOCATION IS 75' FNL & 1275' FEL.
 BH LOCATION PROVIDED BY CLIENT.
 LAND SURFACE USE-PASTURE FIELD.
 TWINNING EXISTING WELL MILLER UPRR 31-29 #3 WHICH IS 48' NORTH.
 MILLER UPRR 31-29 #3 IS AT 684' FNL & 1980' FEL.
 GPS OPERATOR: TRAVIS KRAICH.
 A BARBED FENCE IS 178' SOUTHEAST.
 A SEPARATOR ENCLOSURE IS 180' NORTH.
 EDGE OF POND IS 384' SOUTHWEST.
 NO OTHER VISIBLE IMPROVEMENTS WITHIN 400'.

WELL MILLER 27-29 TO BE LOCATED 732' FNL AND 1980' FEL, SECTION 29, T3N, R66W OF THE 6th P.M.

LEGEND

- ⊕ = EXISTING MONUMENT
- ⬤ = PROPOSED WELL
- ⬥ = BOTTOM HOLE
- ⬧ = EXISTING WELL
- BH = BOTTOM HOLE

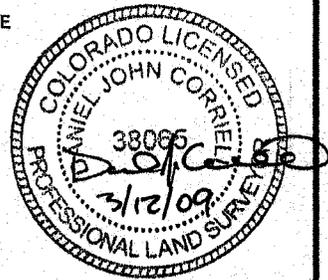


NOTES:

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 (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.)
2. ELEVATIONS SHOWN AT THE WELL HEAD, AS WELL AS HORIZONTAL CONTROL, ARE BASED ON GPS-RTK VALUES DERIVED FROM USING 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, 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 MILLER 27-29. 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: Petroleum Field Services, LLC 1801 W. 13th Ave. Denver, CO 80204	FIELD DATE: 03-06-09	WELL NAME: MILLER 27-29
	DRAWING DATE: 03-12-09	SURFACE LOCATION: WELD COUNTY, COLORADO
BY: CP	NW 1/4 NE 1/4, SEC. 29, T3N, R66W	

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.