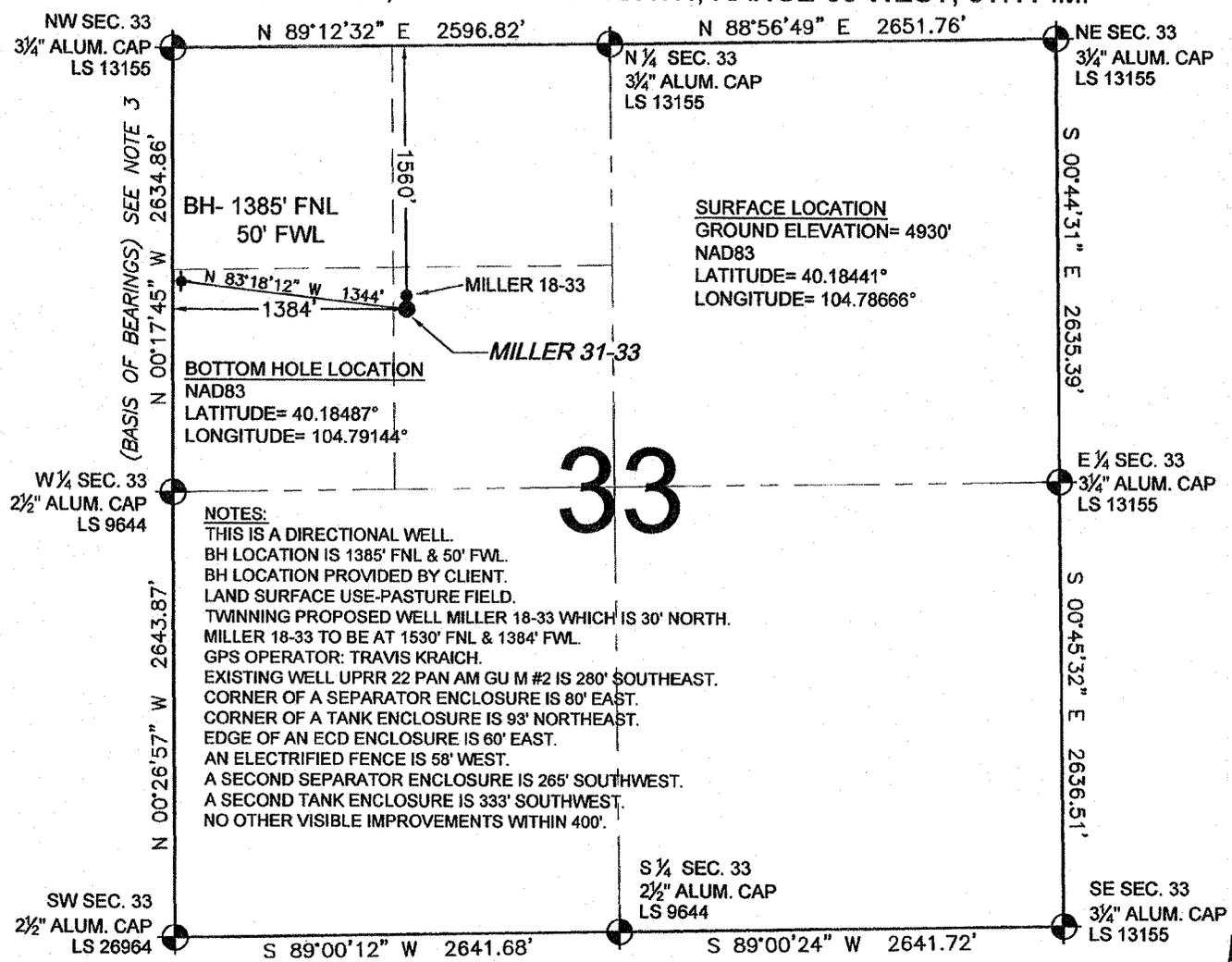


WELL LOCATION CERTIFICATE: MILLER 31-33

SECTION 33, TOWNSHIP 3 NORTH, RANGE 66 WEST, 6TH P.M.

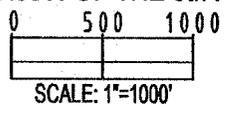


NOTES:
 THIS IS A DIRECTIONAL WELL.
 BH LOCATION IS 1385' FNL & 50' FWL.
 BH LOCATION PROVIDED BY CLIENT.
 LAND SURFACE USE-PASTURE FIELD.
 TWINNING PROPOSED WELL MILLER 18-33 WHICH IS 30' NORTH.
 MILLER 18-33 TO BE AT 1530' FNL & 1384' FWL.
 GPS OPERATOR: TRAVIS KRAICH.
 EXISTING WELL UPRR 22 PAN AM GU M #2 IS 280' SOUTHEAST.
 CORNER OF A SEPARATOR ENCLOSURE IS 80' EAST.
 CORNER OF A TANK ENCLOSURE IS 93' NORTHEAST.
 EDGE OF AN ECD ENCLOSURE IS 60' EAST.
 AN ELECTRIFIED FENCE IS 58' WEST.
 A SECOND SEPARATOR ENCLOSURE IS 265' SOUTHWEST.
 A SECOND TANK ENCLOSURE IS 333' SOUTHWEST.
 NO OTHER VISIBLE IMPROVEMENTS WITHIN 400'.

WELL MILLER 31-33 TO BE LOCATED 1560' FNL AND 1384' FWL, SECTION 33, T3N, R66W 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 **MILLER 31-33**. 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



PREPARED BY: PFS Petroleum Field Services, LLC 1801 W. 13th Ave. Denver, CO 80204	FIELD DATE: 03-06-09	WELL NAME: MILLER 31-33
	DRAWING DATE: 03-10-09	SURFACE LOCATION: WELD COUNTY, COLORADO SE 1/4 NW 1/4, SEC. 33, T3N, R66W
	BY: CP	

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.