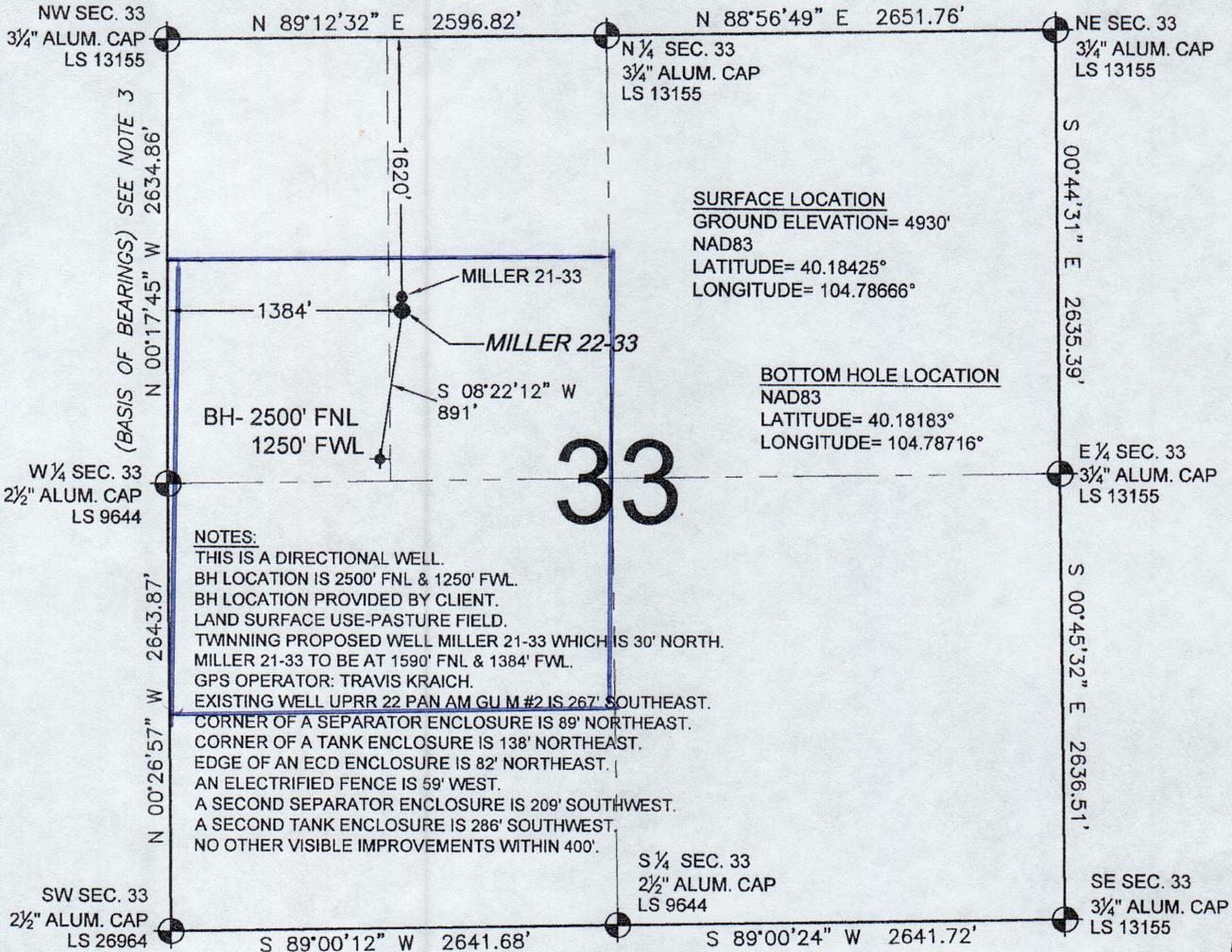


318A Proposed Spacing
Unit Plan

WELL LOCATION CERTIFICATE: MILLER 22-33

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



SURFACE LOCATION
GROUND ELEVATION= 4930'
NAD83
LATITUDE= 40.18425°
LONGITUDE= 104.78666°

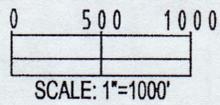
BOTTOM HOLE LOCATION
NAD83
LATITUDE= 40.18183°
LONGITUDE= 104.78716°

NOTES:
THIS IS A DIRECTIONAL WELL.
BH LOCATION IS 2500' FNL & 1250' FWL.
BH LOCATION PROVIDED BY CLIENT.
LAND SURFACE USE-PASTURE FIELD.
TWINNING PROPOSED WELL MILLER 21-33 WHICH IS 30' NORTH.
MILLER 21-33 TO BE AT 1590' FNL & 1384' FWL.
GPS OPERATOR: TRAVIS KRAICH.
EXISTING WELL UPRR 22 PAN AM GUM #2 IS 267' SOUTHEAST.
CORNER OF A SEPARATOR ENCLOSURE IS 89' NORTHEAST.
CORNER OF A TANK ENCLOSURE IS 138' NORTHEAST.
EDGE OF AN ECD ENCLOSURE IS 82' NORTHEAST.
AN ELECTRIFIED FENCE IS 59' WEST.
A SECOND SEPARATOR ENCLOSURE IS 209' SOUTHWEST.
A SECOND TANK ENCLOSURE IS 286' SOUTHWEST.
NO OTHER VISIBLE IMPROVEMENTS WITHIN 400'.

WELL MILLER 22-33 TO BE LOCATED 1620' 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:

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 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 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 22-33**. 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:  Petroleum Field Services, LLC 1801 W. 13th Ave. Denver, CO 80204	FIELD DATE: 03-06-09	WELL NAME: MILLER 22-33
	DRAWING DATE: 03-10-09	SURFACE LOCATION: WELD COUNTY, COLORADO
	BY: CP	SE 1/4 NW 1/4, SEC. 33, 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.



July 20, 2009

Department of Natural Resources
Oil and Gas Conservation Commission
The Chancery Building
1120 Lincoln St., Suite 801
Denver, CO 80203

Re: **20 Day Certification Letter - 318A-e**
MILLER 22-33
Township 3 North, Range 66 West, Section 33: SE/4NW/4
Unit Spacing:: 03N-66W-33 S/2NW/4, N/2SW/4
Weld County, Colorado

Ladies/Gentlemen:

Kerr McGee Oil and Gas Onshore LP ("KMG") hereby certify to the Director that KMG owns one-hundred percent (100%) of the mineral rights in the proposed spacing unit. Therefore, KMG respectfully requests the Director to approve the boundary well.

If you have any questions or issues regarding this permit, please contact Cheryl Light at (720) 929-6461.

Very truly yours,

KERR-McGEE OIL AND GAS ONSHORE LP

A handwritten signature in blue ink that reads 'Cheryl Light'.

Cheryl Light
Senior Regulatory Analyst

:cl
Enclosure