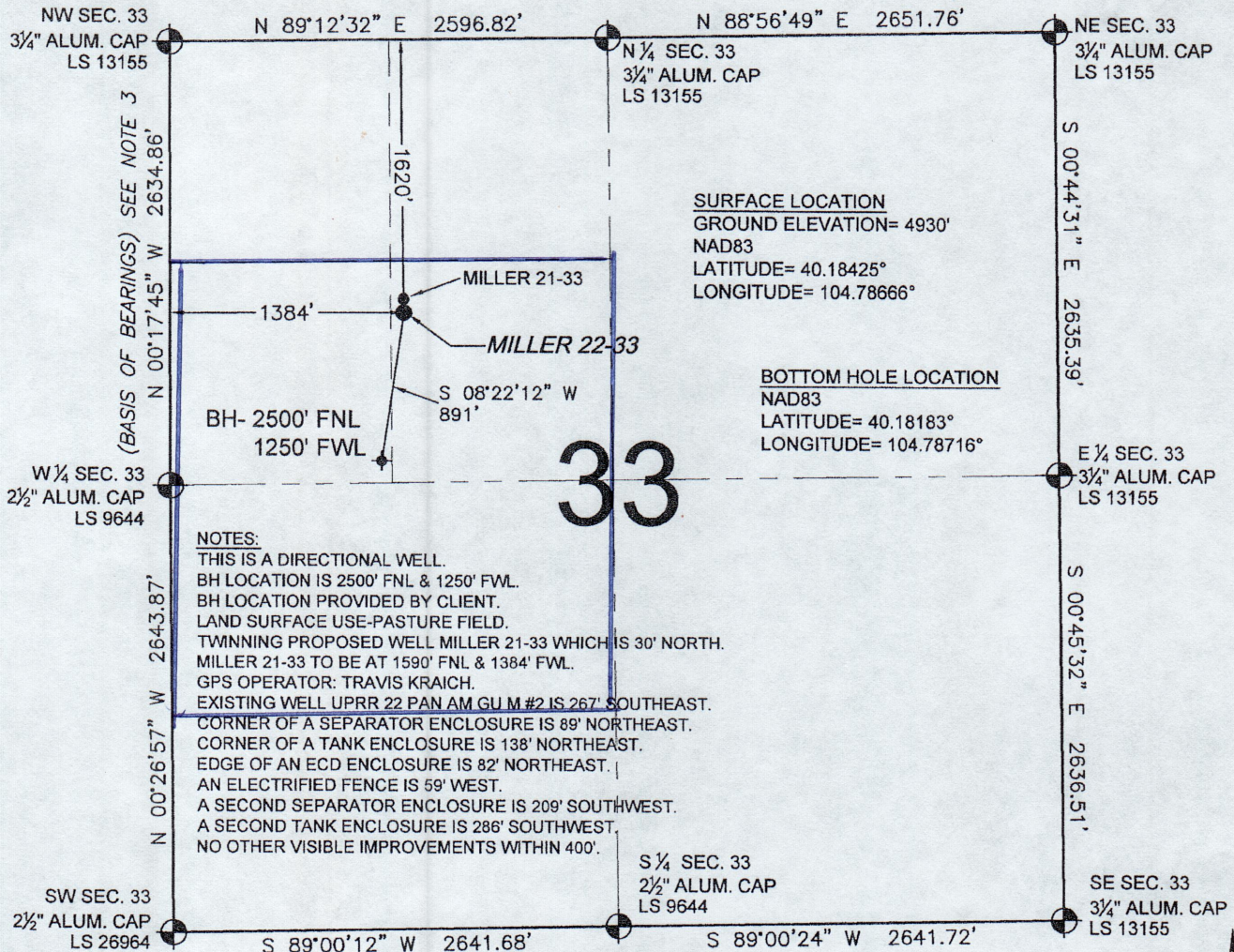


318A Proposed Spacing  
Unit Plan

# WELL LOCATION CERTIFICATE: MILLER 22-33

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

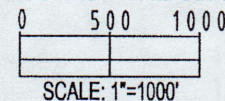


**NOTES:**  
THIS IS A DIRECTIONAL WELL.  
BH LOCATION IS 2500' FNL & 1250' FWL.  
BH LOCATION PROVIDED BY CLIENT.  
LAND SURFACE USE-PASTURE FIELD.  
TWINNING PROPOSED WELL MILLER 21-33 WHICH IS 30' NORTH.  
MILLER 21-33 TO BE AT 1590' FNL & 1384' FWL.  
GPS OPERATOR: TRAVIS KRAICH.  
EXISTING WELL 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

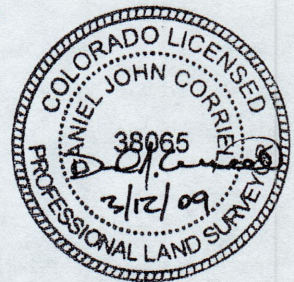


## NOTES:

- 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 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



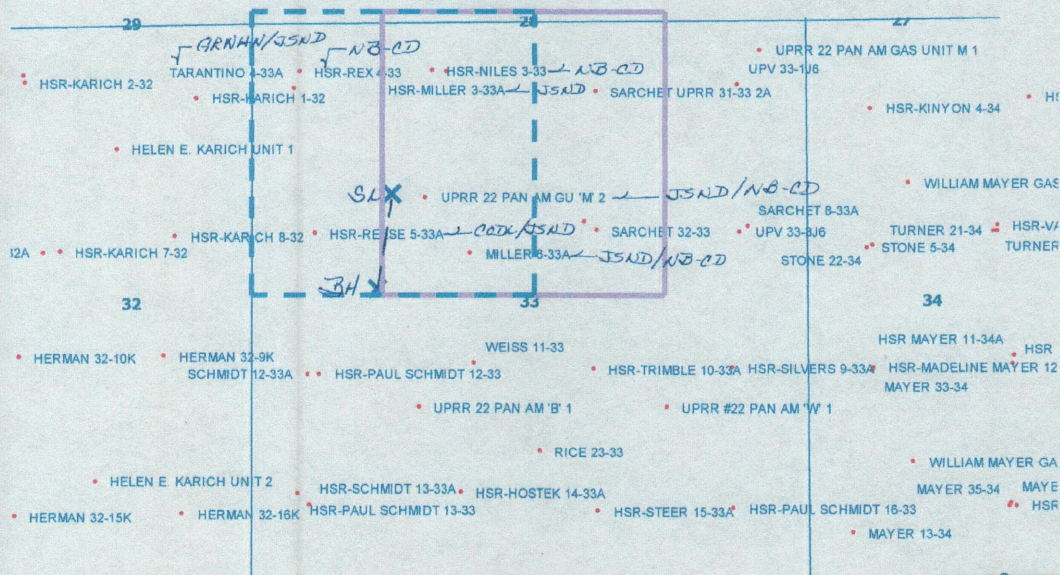
PREPARED BY:	FIELD DATE:	WELL NAME:
	03-06-09	MILLER 22-33
	DRAWING DATE:	SURFACE LOCATION:
	03-10-09	WELD COUNTY, COLORADO
BY:		SE 1/4 NW 1/4, SEC. 33, T3N, R66W
CP		

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.



# MILLER 22-33

## SENW Sec. 33 T3N-R66W



## LEGEND



Proposed 160 acre Spacing Unit (Solid line).



Bottom Hole Located SW/4NW/4, Sec. 33-T3N-R66W (Dashed line).

This 1/4 Section has less than 8 bottom hole wells producing from the Codell, Niobrara & J Sand Formations.





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, appearing to read 'Cheryl Light'.

**Cheryl Light**  
**Senior Regulatory Analyst**

:cl  
Enclosure