



October 23, 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**  
VARRA 24-32  
Township 3 North, Range 67 West, Section 32: SE/4NE/4  
Unit Spacing: 03N-67W-32 S/2NE/4 N/2SE  
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**

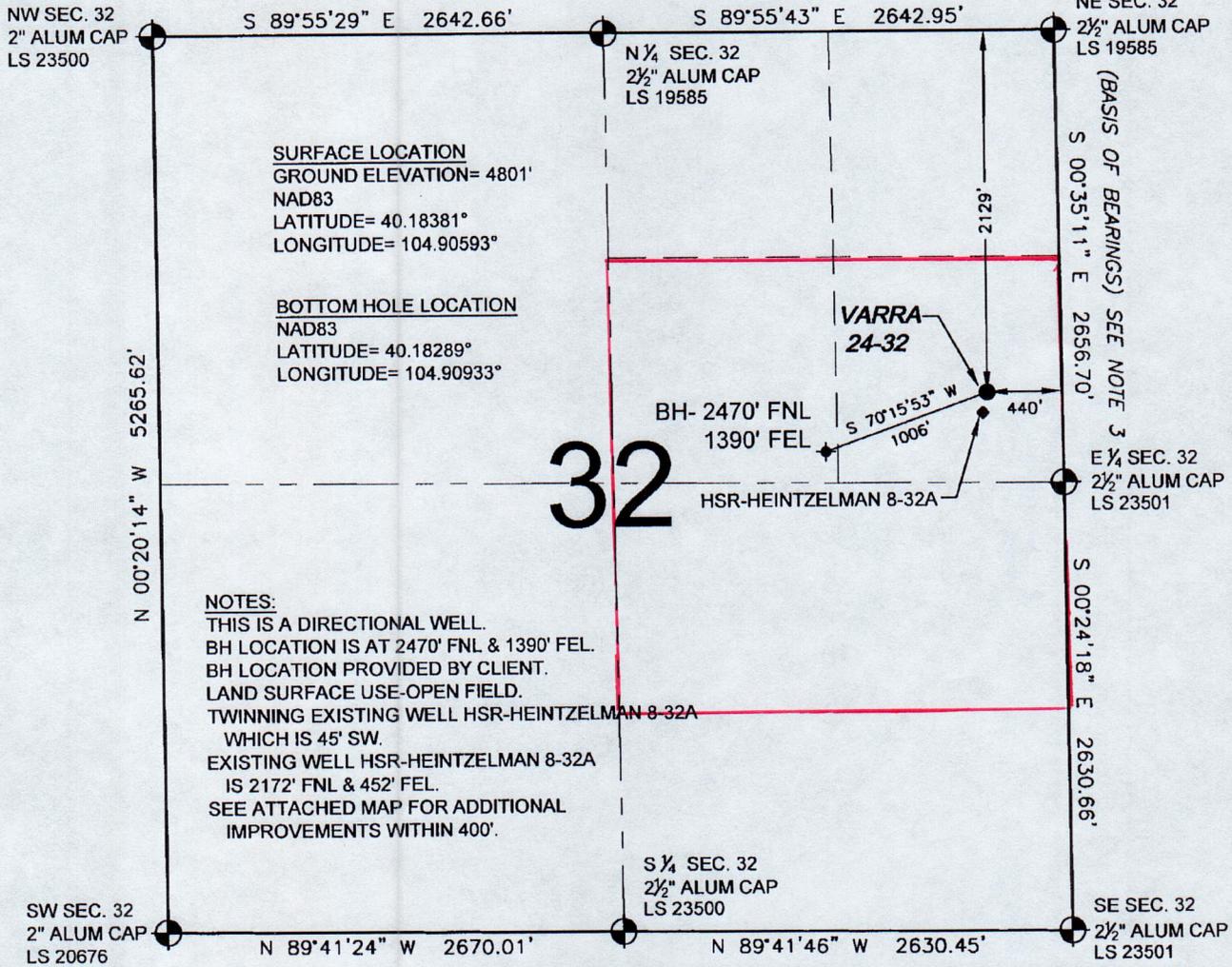
A handwritten signature in blue ink that reads 'Cheryl Light'.

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

:cl  
Enclosure

# WELL LOCATION CERTIFICATE: VARRA 24-32

SECTION 32, TOWNSHIP 3 NORTH, RANGE 67 WEST, 6TH P.M.

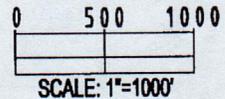


**NOTES:**  
THIS IS A DIRECTIONAL WELL.  
BH LOCATION IS AT 2470' FNL & 1390' FEL.  
BH LOCATION PROVIDED BY CLIENT.  
LAND SURFACE USE-OPEN FIELD.  
TWINNING EXISTING WELL HSR-HEINTZELMAN 8-32A WHICH IS 45' SW.  
EXISTING WELL HSR-HEINTZELMAN 8-32A IS 2172' FNL & 452' FEL.  
SEE ATTACHED MAP FOR ADDITIONAL IMPROVEMENTS WITHIN 400'.

WELL VARRA 24-32 TO BE LOCATED 2129' FNL AND 440' FEL, SECTION 32, T3N, R67W OF THE 6th P.M.

**LEGEND**

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

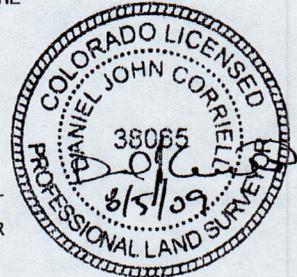


**NOTES:**

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 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 **VARRA 24-32**. 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.

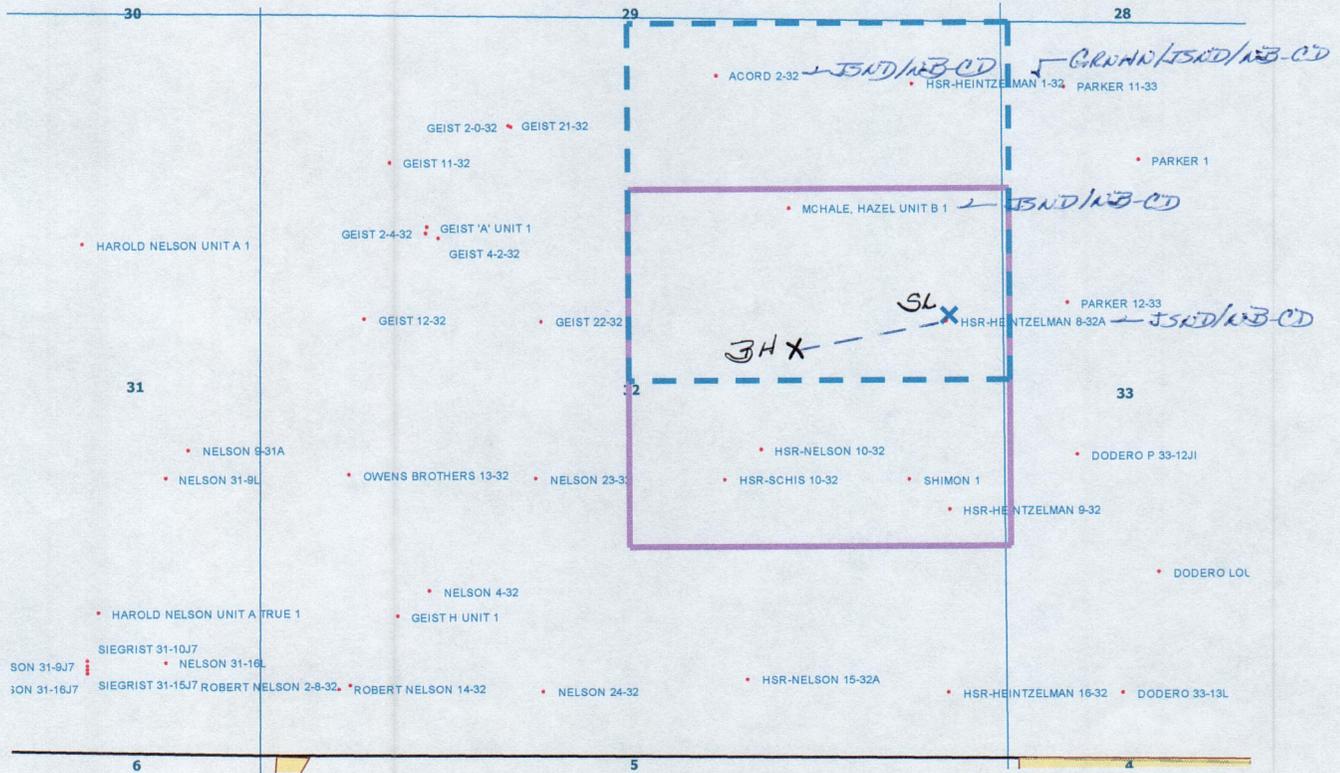
DANIEL J. CORRIELL, PLS 38065  
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
FOR AND ON BEHALF OF P.F.S., LLC



<b>PREPARED BY:</b>  PFS Petroleum Field Services, LLC 1801 W. 13th Ave. Denver, CO 80204	<b>FIELD DATE:</b> 03-31-08	<b>WELL NAME:</b> VARRA 24-32
	<b>DRAWING DATE:</b> 04-01-08	<b>SURFACE LOCATION:</b> WELD COUNTY, COLORADO SE 1/4 NE 1/4, SEC. 32, T3N, R67W
<b>BY:</b> SMF		

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.

**VARRA 24-32**  
**SENE Sec. 32 T3N-R67W**



**LEGEND**



Proposed 160 acre Spacing Unit (Solid line).



Bottom Hole Located SW/4NE/4, Sec. 32-T3N-R67W (Dashed line).

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