



July 16, 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**  
Cannon 24-33  
Township 3 North, Range 65 West, Section 33: NE/4NE/4  
Unit Spacing:: 03N-65W-33 S/2NE/4; N/2SE/4  
Weld County, Colorado

Ladies/Gentlemen:

Kerr-McGee Oil and Gas Onshore LP ("KMG") hereby certifies to the Director that a twenty (20) day notice has been given by certified mail to all owners in the proposed wellbore spacing unit. We have not received any objections to such well location, proposed spacing unit, or additional producing formation. KMG hereby 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**

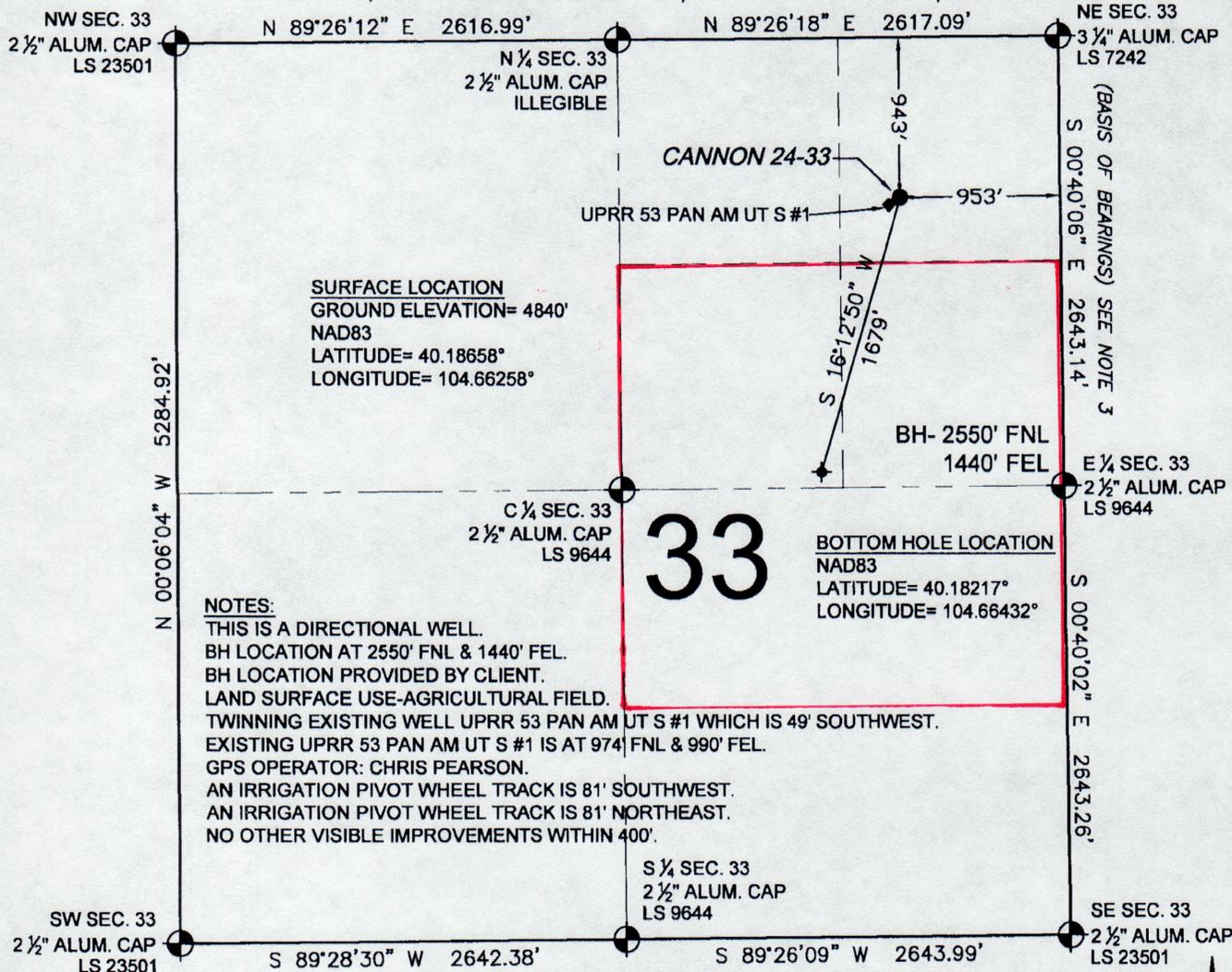
A handwritten signature in blue ink that reads 'Cheryl Light'.

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

:cl  
Enclosure

# WELL LOCATION CERTIFICATE: CANNON 24-33

SECTION 33, TOWNSHIP 3 NORTH, RANGE 65 WEST, 6TH P.M.



**SURFACE LOCATION**  
GROUND ELEVATION= 4840'  
NAD83  
LATITUDE= 40.18658°  
LONGITUDE= 104.66258°

**BH- 2550' FNL**  
**1440' FEL**

## 33

**BOTTOM HOLE LOCATION**  
NAD83  
LATITUDE= 40.18217°  
LONGITUDE= 104.66432°

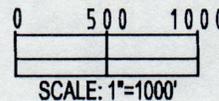
**NOTES:**

THIS IS A DIRECTIONAL WELL.  
BH LOCATION AT 2550' FNL & 1440' FEL.  
BH LOCATION PROVIDED BY CLIENT.  
LAND SURFACE USE-AGRICULTURAL FIELD.  
TWINNING EXISTING WELL UPRR 53 PAN AM UT S #1 WHICH IS 49' SOUTHWEST.  
EXISTING UPRR 53 PAN AM UT S #1 IS AT 974' FNL & 990' FEL.  
GPS OPERATOR: CHRIS PEARSON.  
AN IRRIGATION PIVOT WHEEL TRACK IS 81' SOUTHWEST.  
AN IRRIGATION PIVOT WHEEL TRACK IS 81' NORTHEAST.  
NO OTHER VISIBLE IMPROVEMENTS WITHIN 400'.

WELL **CANNON 24-33** TO BE LOCATED 943' FNL AND 953' FEL, SECTION 33, T3N, R65W OF THE 6th P.M.

**LEGEND**

- = EXISTING MONUMENT    ◆ = BOTTOM HOLE    BH = BOTTOM HOLE
- = PROPOSED WELL       ◆ = EXISTING WELL

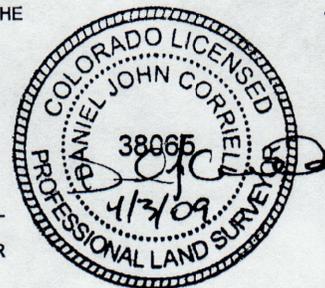


**NOTES:**

- 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 **CANNON 24-33**. 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: <b>PFS</b> Petroleum Field Services, LLC 1801 W. 13th Ave. Denver, CO 80204	FIELD DATE: 04-02-09	WELL NAME: CANNON 24-33
	DRAWING DATE: 04-02-09	SURFACE LOCATION: WELD COUNTY, COLORADO
	BY: CP	NE 1/4 NE 1/4, SEC. 33, T3N, R65W

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.

