



December 17, 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**
CARMA 32-36
Township 3 North, Range 68 West, Section 36: SE/4NW/4
Unit Spacing: 03N-68W-36 SW/4NW/; NW/4SW/4
03N-68W-35 SE/4NE/; NE/4SE/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

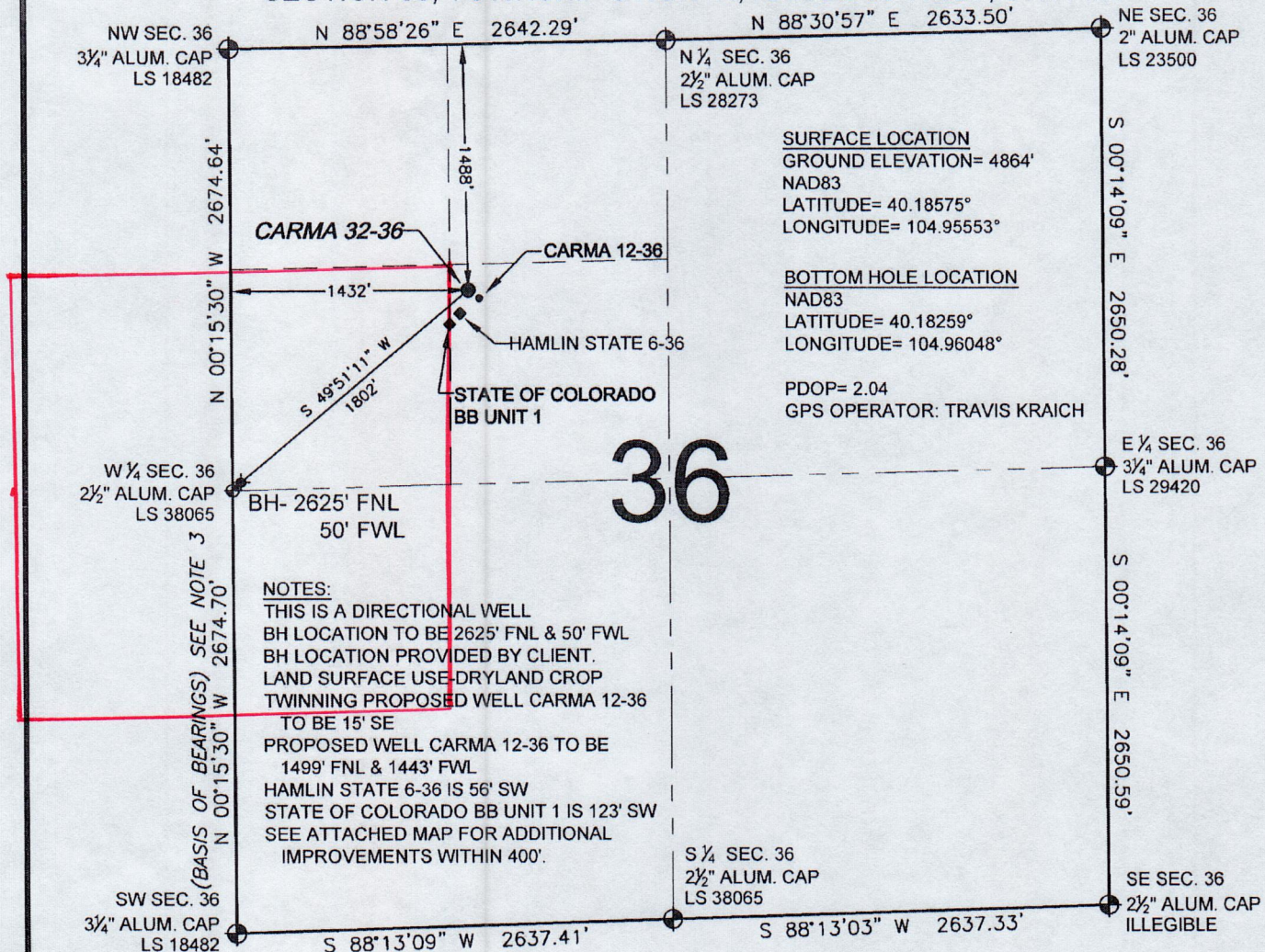
A handwritten signature in blue ink that reads 'Cheryl Light'.

Cheryl Light
Senior Regulatory Analyst

:cl
Enclosure

WELL LOCATION CERTIFICATE: CARMA 32-36

SECTION 36, TOWNSHIP 3 NORTH, RANGE 68 WEST, 6TH P.M.



36

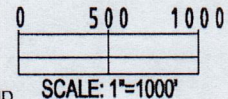
NOTES:

THIS IS A DIRECTIONAL WELL
BH LOCATION TO BE 2625' FNL & 50' FWL
BH LOCATION PROVIDED BY CLIENT.
LAND SURFACE USE-DRYLAND CROP
TWINNING PROPOSED WELL CARMA 12-36
TO BE 15' SE
PROPOSED WELL CARMA 12-36 TO BE
1499' FNL & 1443' FWL
HAMLIN STATE 6-36 IS 56' SW
STATE OF COLORADO BB UNIT 1 IS 123' SW
SEE ATTACHED MAP FOR ADDITIONAL
IMPROVEMENTS WITHIN 400'.

WELL **CARMA 32-36** TO BE LOCATED 1488' FNL AND 1432' FWL, SECTION 36, T3N, R68W 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
- 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, JERRY F. HARCEK JR., 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 **CARMA 32-36**. 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.

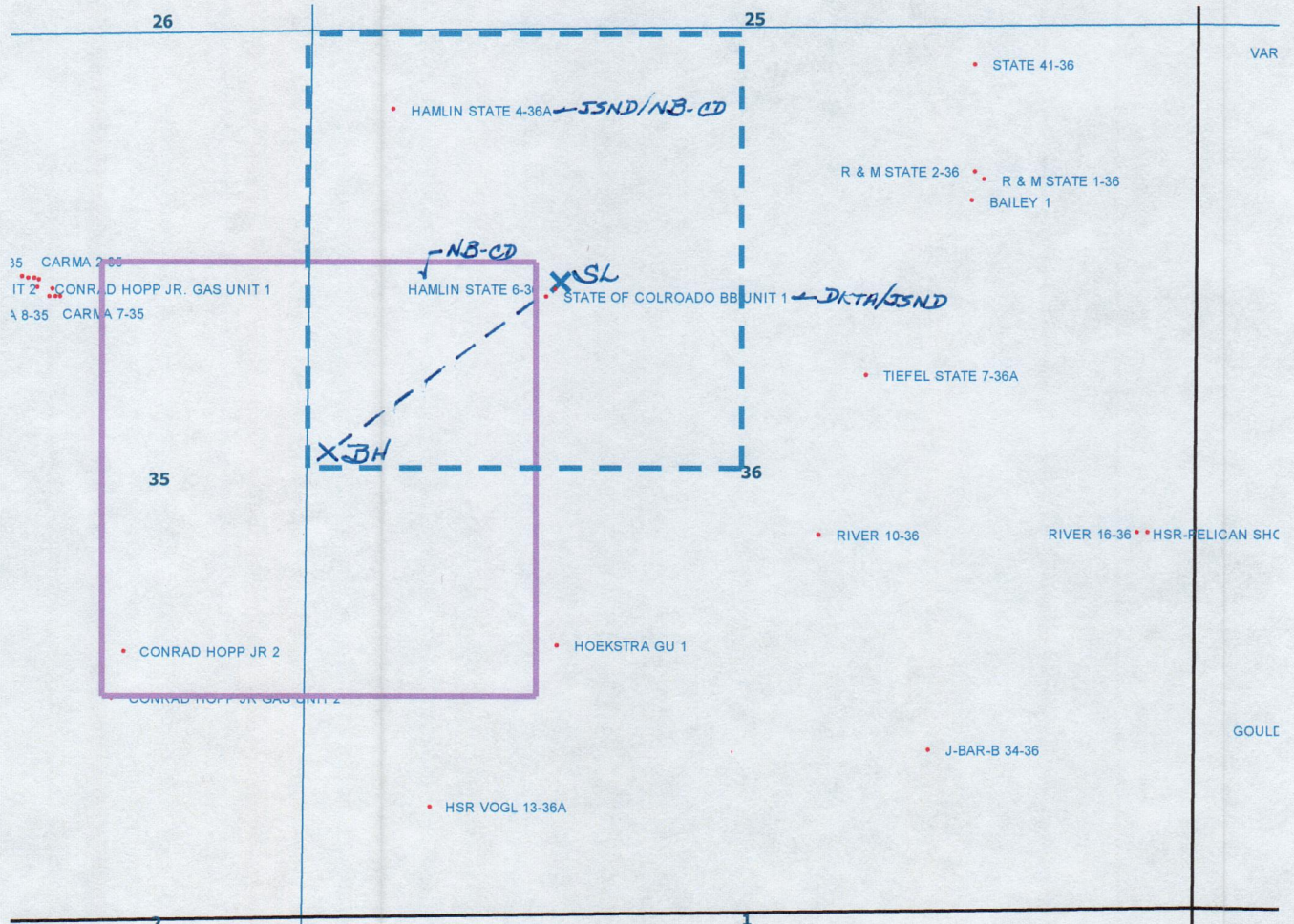
JERRY F. HARCEK JR., PLS 34997
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
FOR AND ON BEHALF OF P.F.S., LLC



PREPARED BY:	FIELD DATE:	WELL NAME:
PFS	11-18-09	CARMA 32-36
PERFORMANCE FIELD SERVICES, LLC	DRAWING DATE:	SURFACE LOCATION:
1801 W. 13th Ave.	11-20-09	WELD COUNTY, COLORADO
DENVER, CO 80204	BY:	SE 1/4 NW 1/4, SEC. 36, T3N, R68W
	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.

CARMA 32-36 SENW Sec. 36 T3N-R68W



LEGEND



Proposed 160 acre Spacing Unit (Solid line).



Bottom Hole Located SW/4NW/4, Sec. 36-T3N-R68W (Dashed line).

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