



**Corporate Office**

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Denver, Colorado 80203  
303.860.5800  
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5/23/2012

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

Re: **Rule 318Ae – Proposed Spacing Unit**  
Warren 42-10M  
Section 10 Township 6 North, Range 61 West  
Weld County, Colorado

Dear Director,

Petroleum Development Corporation doing business as PDC Energy ("PDC") hereby certifies to the Director that PDC holds all minerals in the proposed 80 acre wellbore spacing unit consisting of the SENE and the NESE of Section 10, Township 6N, Range 61W; therefore, no 30-day notice is needed to owners in the proposed wellbore spacing unit. This horizontal well location crosses existing unit boundaries and requires the formation of the proposed unit. PDC hereby requests the Director to approve the well.

If you should have any questions or concerns regarding this permit, please contact the undersigned at (303) 860-5800.

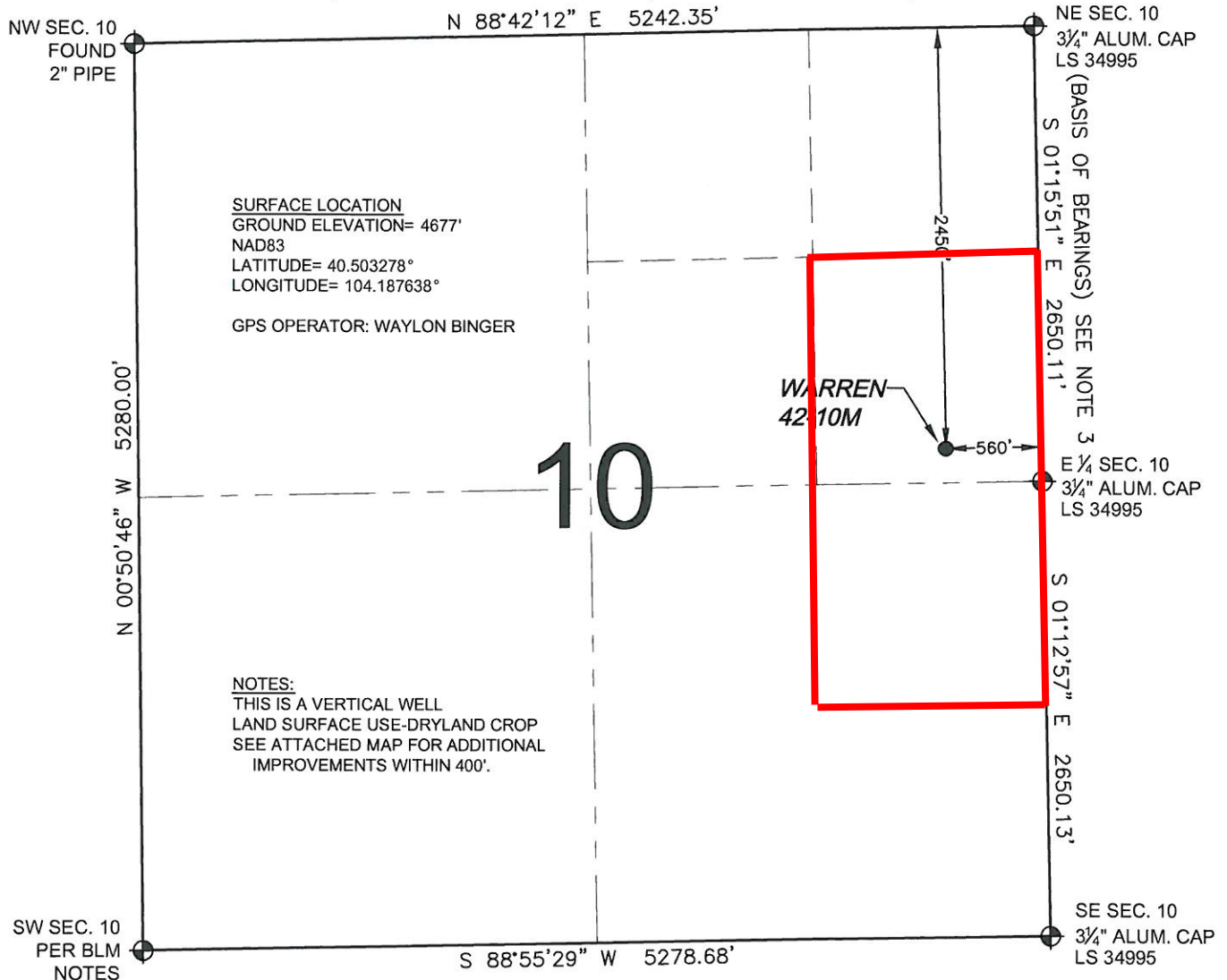
Sincerely,

A handwritten signature in blue ink, appearing to read "Liz Lindow".

Liz Lindow  
Permit Analyst  
PDC Energy

# WELL LOCATION CERTIFICATE: WARREN 42-10M

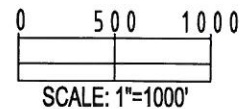
SECTION 10, TOWNSHIP 6 NORTH, RANGE 61 WEST, 6TH P.M.



WELL **WARREN 42-10M** TO BE LOCATED 2450' FNL AND 560' FEL, SECTION 10, T6N, R61W OF THE 6th P.M.

## LEGEND

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

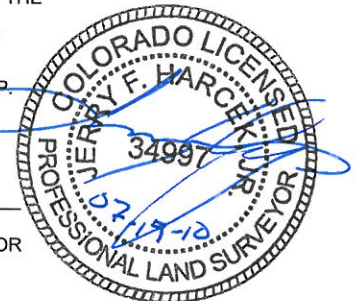



## NOTES:

- 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, JERRY F. HARCEK JR., A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO **PETROLEUM DEVELOPMENT CORPORATION**, 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 **WARREN 42-10M**. 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:
	07-15-10	WARREN 42-10M
	DRAWING DATE:	SURFACE LOCATION:
	07-19-10	WELD COUNTY, COLORADO
BY:		SE 1/4 NE 1/4, SEC. 10, T6N, R61W
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.