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**Corporate Office**

1775 Sherman Street, #3000  
Denver, Colorado 80203  
303.860.5800  
www.pdce.com

11/22/13

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

Re: **30 Day Certification Letter – Rule 318Ae**  
Thornton 14K-441  
SENW Sec 14 –T7N-R66W, 6<sup>th</sup> PM  
Weld County, Colorado

Dear Director,

PDC Energy, Inc. ("PDC") hereby certifies to the Director that a thirty (30-day) notice has been given by certified mail to all owners in the proposed wellbore spacing unit consisting of the NW of Section 14, SW and S2NW of Section 11, T7N R66W, 400 acres. We have not received any objections to such well location or proposed spacing unit, therefore 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.

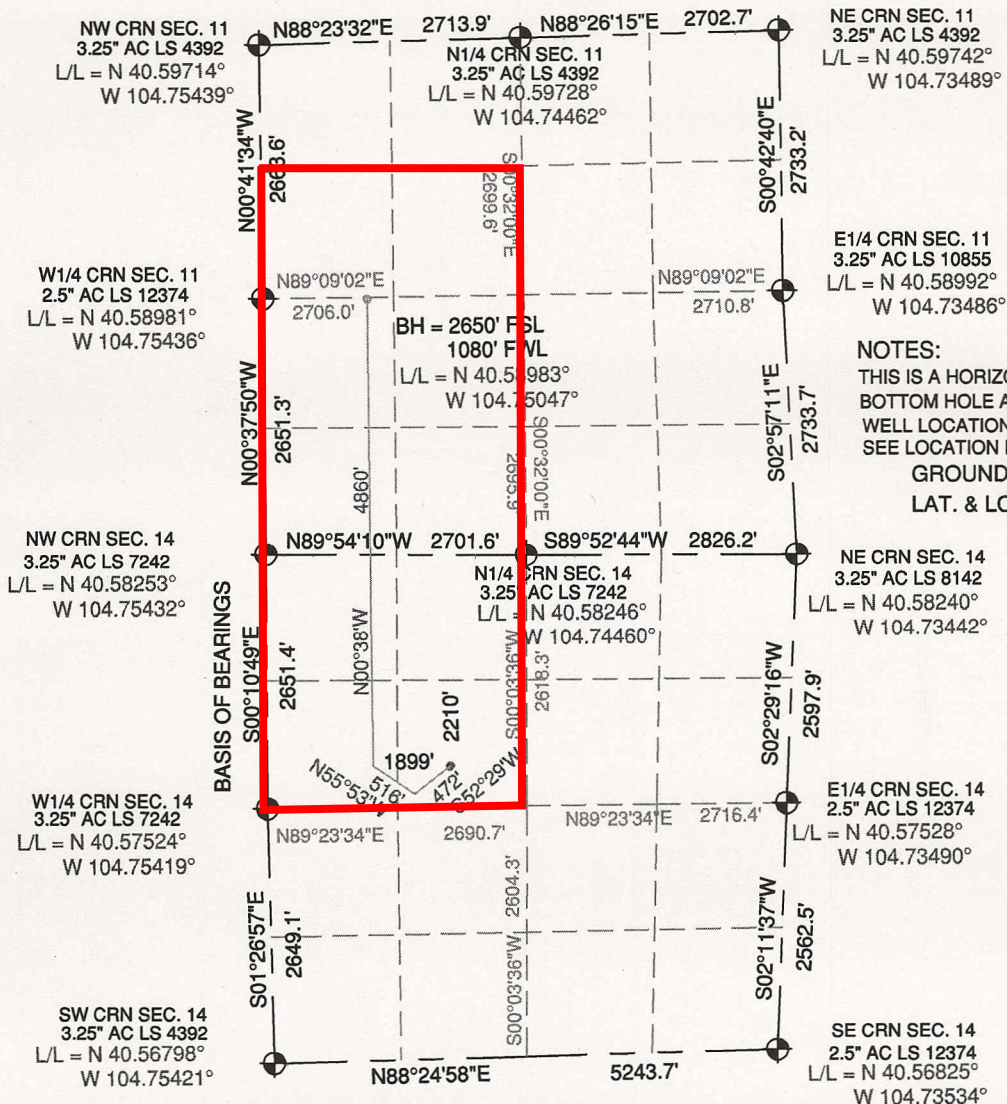
Sincerely,

A handwritten signature in blue ink, appearing to read "Liz Lindow", written over a light blue circular background.

Liz Lindow  
Regulatory Analyst  
PDC Energy

# WELL LOCATION CERTIFICATE

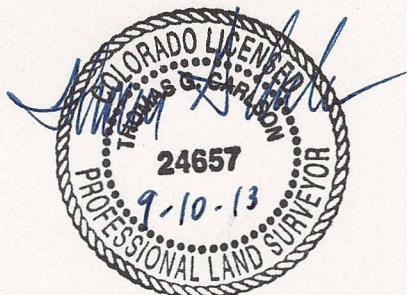
SECTIONS 11 & 14, TOWNSHIP 7 NORTH, RANGE 66 WEST, 6TH P.M.



## NOTES:

THIS IS A HORIZONTAL DRILL WELL.  
BOTTOM HOLE AT 2650' FSL, 1080' FWL, S11.  
WELL LOCATION FALLS IN A CORN FIELD.  
SEE LOCATION DRAWING FOR IMPROVEMENTS.  
GROUND ELEVATION = 4925'  
LAT. & LONG. = N 40.57640°  
W 104.74738°

I HEREBY STATE TO PDC ENERGY THAT THE SURFACE LOCATION FOR THE PROPOSED WELL THORNTON 14K-441 IS LOCATED 2210' FNL & 1899' FWL, SEC. 14, T7N, R66W, 6PM.

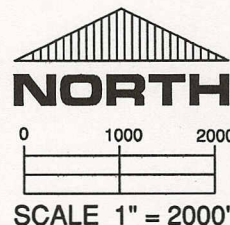


THOMAS G. CARLSON, PLS 24657  
HORSESHOE SURVEYING, LLC

THIS IS NOT A MONUMENTED BOUNDARY SURVEY, IT IS ONLY A  
DRAWING INTENDED TO DEPICT THE WELL LOCATION TO SECTION LINES.

## LEGEND

- FOUND MONUMENT
- PROPOSED WELL
- BOTTOM HOLE



ELEVATION SOURCE = USGS 7.5' QUAD.MAP CONTOURS  
NGVD 1929 DATUM.

LAT. & LONG. ARE DIFFERENTIALLY CORRECTED (WGS'84)  
USING (DGPS) WITH (PDOP) VALUE OF 1.5.

SHOWN DISTANCES ARE FIELD MEASURED WITH  
EXTERIOR SECTION LINES DRAWN TO SCALE.

DISTANCES TO WELL SHOWN PERPENDICULAR  
TO SECTION LINES.

PREPARED BY: HORSESHOE SURVEYING, LLC  
PO BOX 150458  
LAKEWOOD, CO 80215  
(720)872-0196

WELL NAME: THORNTON 14K-441

LOCATION: WELD COUNTY, CO  
NW1/4, SEC. 14, T7N, R66W, 6TH P.M.

DRAWING DATE:  
9-10-13

FIELD DATE:  
7-20-13

BY: TGC

CHKD:

JOB NO.

SHEET NO.

1 OF 1