



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, 6th 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.

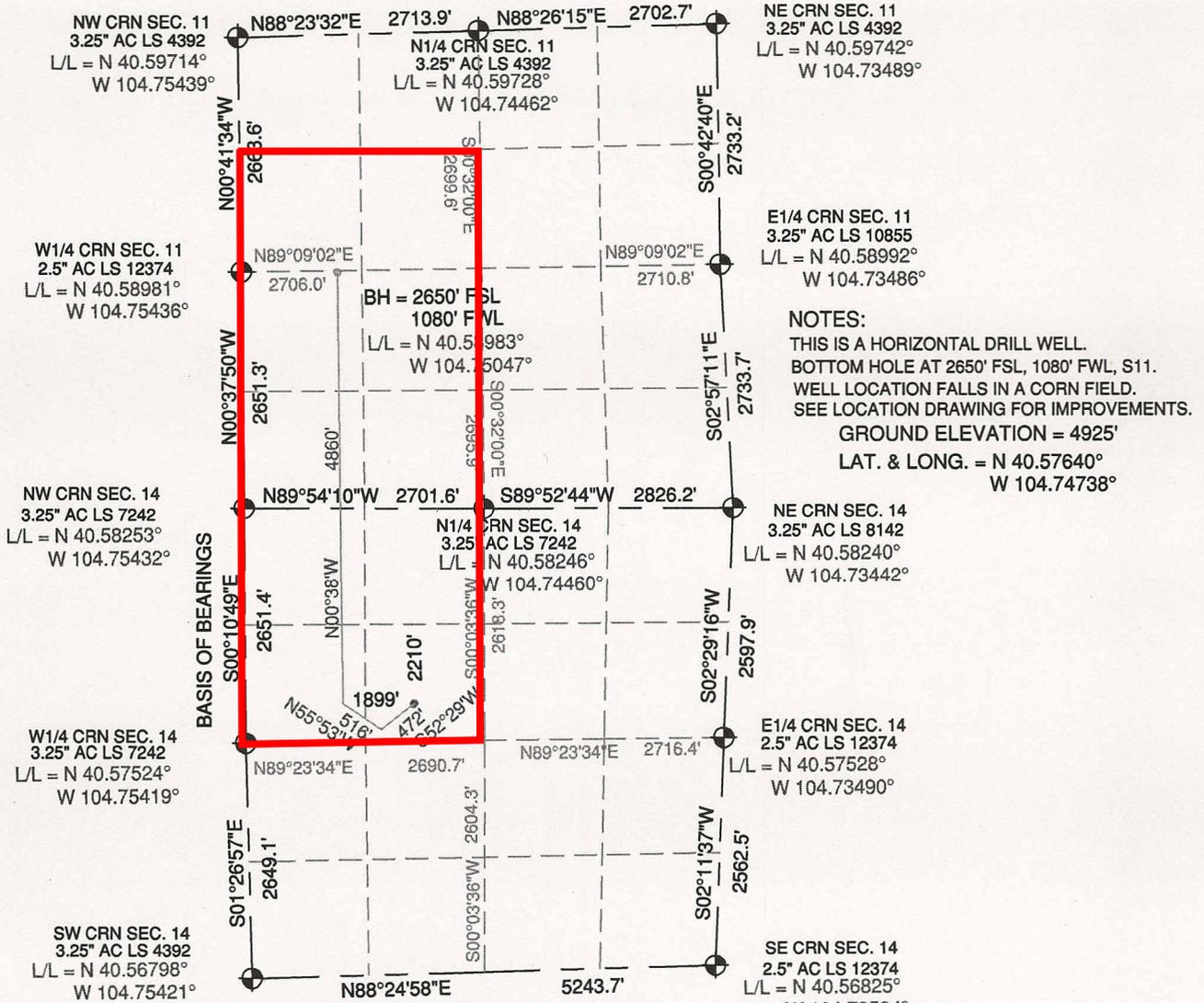
Sincerely,

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

Liz Lindow
Regulatory Analyst
PDC Energy

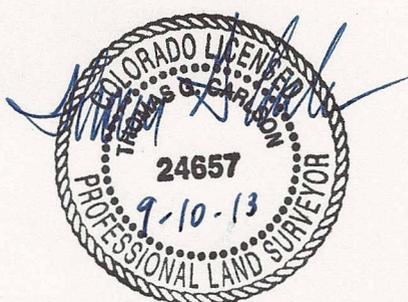
WELL LOCATION CERTIFICATE

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

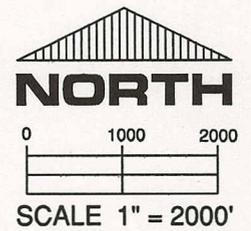


NOTES:
 THIS IS A HORIZONTAL DRILL WELL.
 BOTTOM HOLE AT 2650' FSL, 1080' FWL, S11.
 WELL LOCATION FALLS IN A CORN FIELD.
 SEE LOCATION DRAWING FOR IMPROVEMENTS.
 GROUND ELEVATION = 4925'
 LAT. & LONG. = N 40.57640°
 W 104.74738°

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.



- 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.

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.

PREPARED BY: HORSESHOE SURVEYING, LLC PO BOX 150458 LAKEWOOD, CO 80215 (720)872-0196		WELL NAME: THORNTON 14K-441	
DRAWING DATE: 9-10-13		LOCATION: WELD COUNTY, CO NW1/4, SEC. 14, T7N, R66W, 6TH P.M.	
FIELD DATE: 7-20-13	BY: TGC	CHKD:	JOB NO. SHEET NO. _____ 1 OF 1