



Corporate Office

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

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 15E-432
NWNW Sec 15-T7N-R67W, 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 N2N2 of Sec. 15, T7N-R67W, 160 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

SECTION 15, TOWNSHIP 7 NORTH, RANGE 66 WEST, 6TH P.M.

NW CRN SEC. 15
3.25" AC LS 33642

S89°41'02"W

2693.4'

S89°41'58"W

2644.1'

NE CRN SEC. 15
3.25" AC LS 7242

N1/4 CRN SEC. 15
3.25" AC LS 34995

285'
360'

N89°41.5'E

4324'

S40°21'E
366'

BH = 640' FNL,
500' FEL.

LAT. & LONG. = N 40.58076°
W 104.75610°

2653.9'

2652.7'

S00°18'51"E

N00°56'30"W

W1/4 CRN SEC. 15
3.25" AC LS 10855

E1/4 CRN SEC. 15
3.25" AC LS 7242

NOTES:

THIS IS A DIRECTIONAL DRILL WELL.
BOTTOM HOLE AT 640' FNL, 500' FEL.

WELL FALLS IN A PLOWED FIELD.
SEE LOCATION DRAWING FOR IMPROVEMENTS

GROUND ELEVATION = 4970'
LAT. & LONG. = N 40.58150°
W 104.77250°

BASIS OF BEARINGS

2659.2'

2648.9'

S00°19'01"E

S00°02'42"E

SW CRN SEC. 15
3.25" AC LS 10855

S1/4 CRN SEC. 15
3.25" AC LS 4392

SE CRN SEC. 15
3.25" AC LS 4392

N89°34'09"E

2676.9'

N89°33'56"E

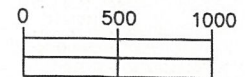
2677.1'

I HEREBY STATE TO PERTOLEUM DEV. CORP. THAT THE SURFACE LOCATION FOR THE
WELL THORNTON 15E-432 IS LOCATED 360' FNL & 285' FWL, SEC. 15, T7N, R66W, 6PM.



LEGEND

- = FOUND MONUMENT
- = PROPOSED WELL
- = BOTTOM HOLE



SCALE 1" = 1000'

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 - EXTERIOR SECTION LINES
ARE DRAWN TO SCALE (BEST APPROX. OR FOUND MONUMENT).

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

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 15E-432	
DRAWING DATE:		8-26-14		LOCATION:		WELD COUNTY, CO NW1/4, SEC. 15, T7N, R66W, 6TH P.M.	
FIELD DATE:	BY:	CHKD:	JOB NO.	SHEET NO.			
4-23-12	TGC			1 OF 1			