



Corporate Office

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Denver, Colorado 80203
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12/21/2011

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**
Brown 11-2H
Section 2 Township 6 North, Range 63 West
Weld County, Colorado

Dear Director,

Petroleum Development Corporation doing business as PDC Energy (“PDC”) hereby certifies to the Director that PDC owns all minerals in the proposed 320 acre wellbore spacing unit consisting of the N2 of Section 2, Township 6N, Range 63W; 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

SECTION 2, TOWNSHIP 6 NORTH, RANGE 63 WEST, 6TH P.M.

NW CRN SEC. 2
3.25" AC LS 10855

NE CRN SEC. 2
2.5" AC LS 9644

S88°46'48"E 2559.4' N89°11'12"E 2656.0'

BASIS OF BEARINGS

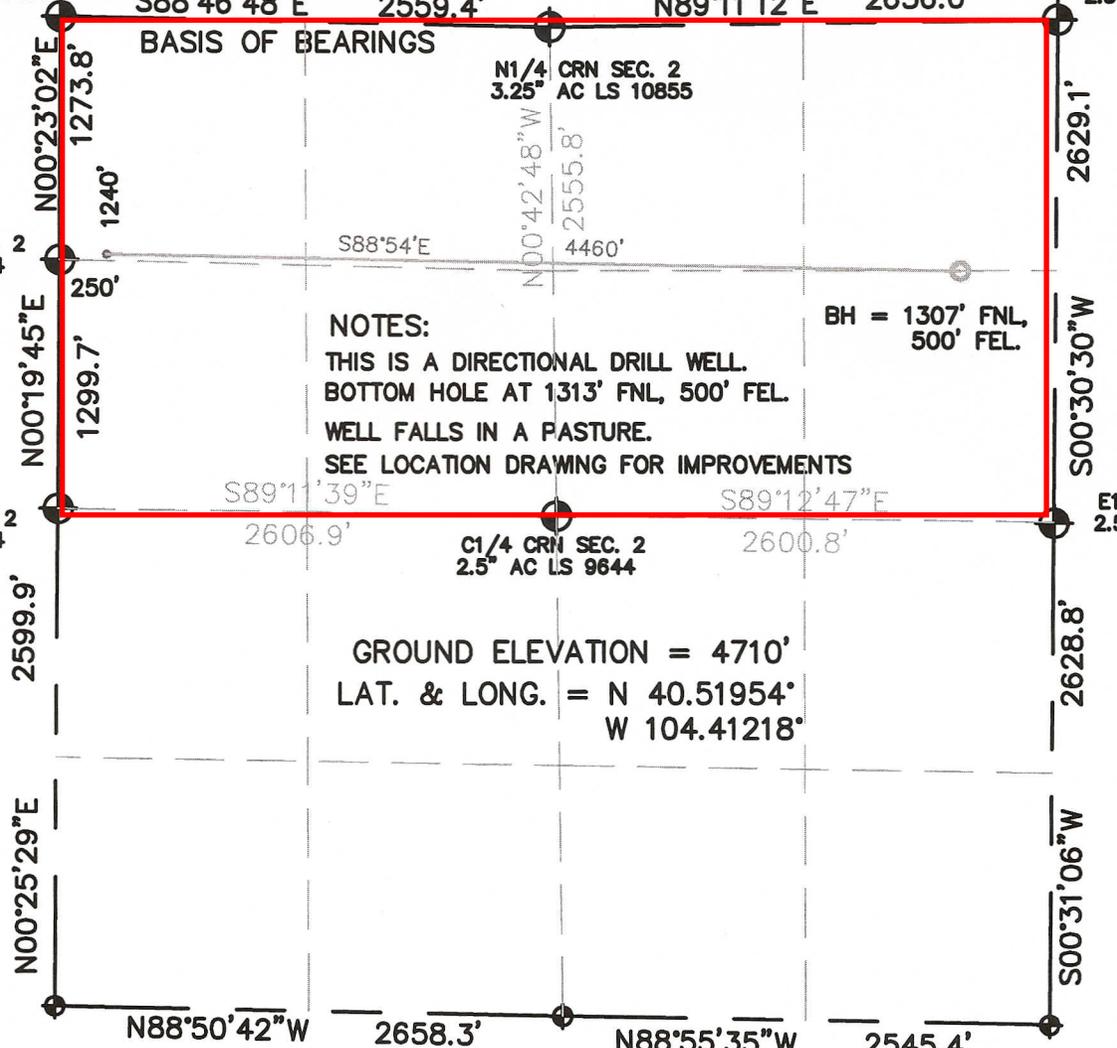
N1/4 CRN SEC. 2
3.25" AC LS 10855

N1/16 CRN SEC. 2
2.5" AC LS 9644

W1/4 CRN SEC. 2
2.5" AC LS 9644

C1/4 CRN SEC. 2
2.5" AC LS 9644

E1/4 CRN SEC. 2
2.5" AC LS 9644



NOTES:
THIS IS A DIRECTIONAL DRILL WELL.
BOTTOM HOLE AT 1313' FNL, 500' FEL.
WELL FALLS IN A PASTURE.
SEE LOCATION DRAWING FOR IMPROVEMENTS

BH = 1307' FNL,
500' FEL.

GROUND ELEVATION = 4710'
LAT. & LONG. = N 40.51954°
W 104.41218°

I HEREBY STATE TO PERTOLEUM DEV. CORP. THAT THE SURFACE LOCATION FOR THE WELL BROWN 11-2H IS LOCATED 1240' FNL & 250' FWL, SEC. 2, T6N, R63W, 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 (NAD'83) USING (DGPS) WITH (PDOP) OF 2.1.

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

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.

DISTANCES TO WELL SHOWN PERPENDICULAR TO SECTION LINES.

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|---|---------|---|----------------------------------|
| PREPARED BY: HORSESHOE SURVEYING, LLC PO BOX 150458 LAKEWOOD, CO 80215 (720)872-0196 | | WELL NAME: BROWN 11-2H | |
| DRAWING DATE: 11-9-11 | | LOCATION: WELD COUNTY, CO NW1/4, SEC. 2, T6N, R63W, 6TH P.M. | |
| FIELD DATE: 9-7-11 | BY: TGC | CHKD: | JOB NO. SHEET NO. 1 OF 1 |