

WELL LOCATION CERTIFICATE

PART OF SECTIONS 20, 21, TOWNSHIP 4 NORTH, RANGE 67 WEST, 6TH P.M.

N1/4 CRN SEC. 20
3.25°AC LS 16427

S89°20'07"E 2421.2'

NW CRN SEC. 21
2.5°AC LS 23513

S89°17'39"E 2683.2'

N1/4 CRN SEC. 21
3.25°AC LS 16427

NOTES:

THIS IS A DIRECTIONAL DRILL WELL.
BOTTOM HOLE AT 1316' FSL, 50' FEL (S.20).

WELL FALLS IN A PLOWED FIELD.
A PROPOSED WELL IS 22' SW.
SEE LOCATION DRAWING FOR IMPROVEMENTS.

GROUND ELEVATION = 4940'
LAT. & LONG. = N 40.29533°
W 104.89961°

S.20

BASIS OF BEARINGS

1/4 CRN SEC. 20, 21
2.5°AC LS 30462

S.21

2631.7'

S01°12'17"E

2633.3'

N01°12'47"W

BH = 1316' FSL,
50' FEL

1634'
S83°22'W 1692'

1526'

S1/4 CRN SEC. 20
3.25°AC LS 10855

S89°19'30"E 2463.2'

SW CRN SEC. 21
3.25°AC LS 7242

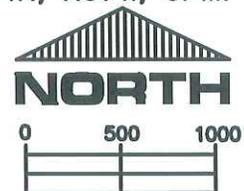
S89°29'31"E 2668.3'

S1/4 CRN SEC. 21
2.5°AC LS 22097

I HEREBY STATE TO PETROLEUM DEVELOPMENT CORP. THAT THIS WELL LOCATION CERTIFICATE FOR THE WELL RYLAND 20XD IS LOCATED 1526' FSL & 1634' FWL, SEC. 21, T4N, R67W, 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) VALUES LESS THAN SIX (6).

THOMAS G. CARLSON, PLS 24657
HORSESHOE SURVEYING, LLC

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:	RYLAND 20XD	
DRAWING DATE:	3-11-10	LOCATION:	WELD COUNTY, CO SW1/4, SEC. 21, T4N, R67W, 6TH P.M.	
FIELD DATE:	3-10-10	BY:	TGC	CHKD:
		JOB NO.		SHEET NO. 1 OF 1

