

# 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

1/4 CRN SEC. 20, 21  
2.5" AC LS 30462

S.21

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'

N01°12'47"W

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).

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

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:	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	SHEET NO. 1 OF 1
		CHKD:		
		JOB NO.		