

# WELL LOCATION CERTIFICATE

SECTION 20, 21, TOWNSHIP 4 NORTH, RANGE 67 WEST, 6TH P.M.

N1/4 CRN SEC. 20  
3.25°AC LS 16427

NW CRN SEC. 21  
2.5°AC LS 23513

N1/4 CRN SEC. 21  
3.25°AC LS 16427



GROUND ELEVATION = 4922'  
LAT. & LONG. = N 40.30316°  
W 104.90457°

**NOTES:**

THIS IS A DIRECTIONAL DRILL WELL.  
BOTTOM HOLE AT 55' FNL, 1210' FEL (S.20).

WELL FALLS IN ABANDONED LIVESTOCK PENS.  
PROPOSED WELLS ARE 22' E & W.  
SEE LOCATION DRAWING FOR IMPROVEMENTS.

I HEREBY STATE TO PETROLEUM DEVELOPMENT CORP. THAT THIS WELL LOCATION CERTIFICATE FOR THE WELL RYLAND 20RD IS LOCATED 902' FNL & 298' 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 20RD	
DRAWING DATE: 1-29-10		LOCATION: WELD COUNTY, CO NW1/4, SEC. 21, T4N, R67W, 6TH P.M.	
FIELD DATE: 1-27-10	BY: TGC	CHKD:	JOB NO. SHEET NO. 1 OF 1