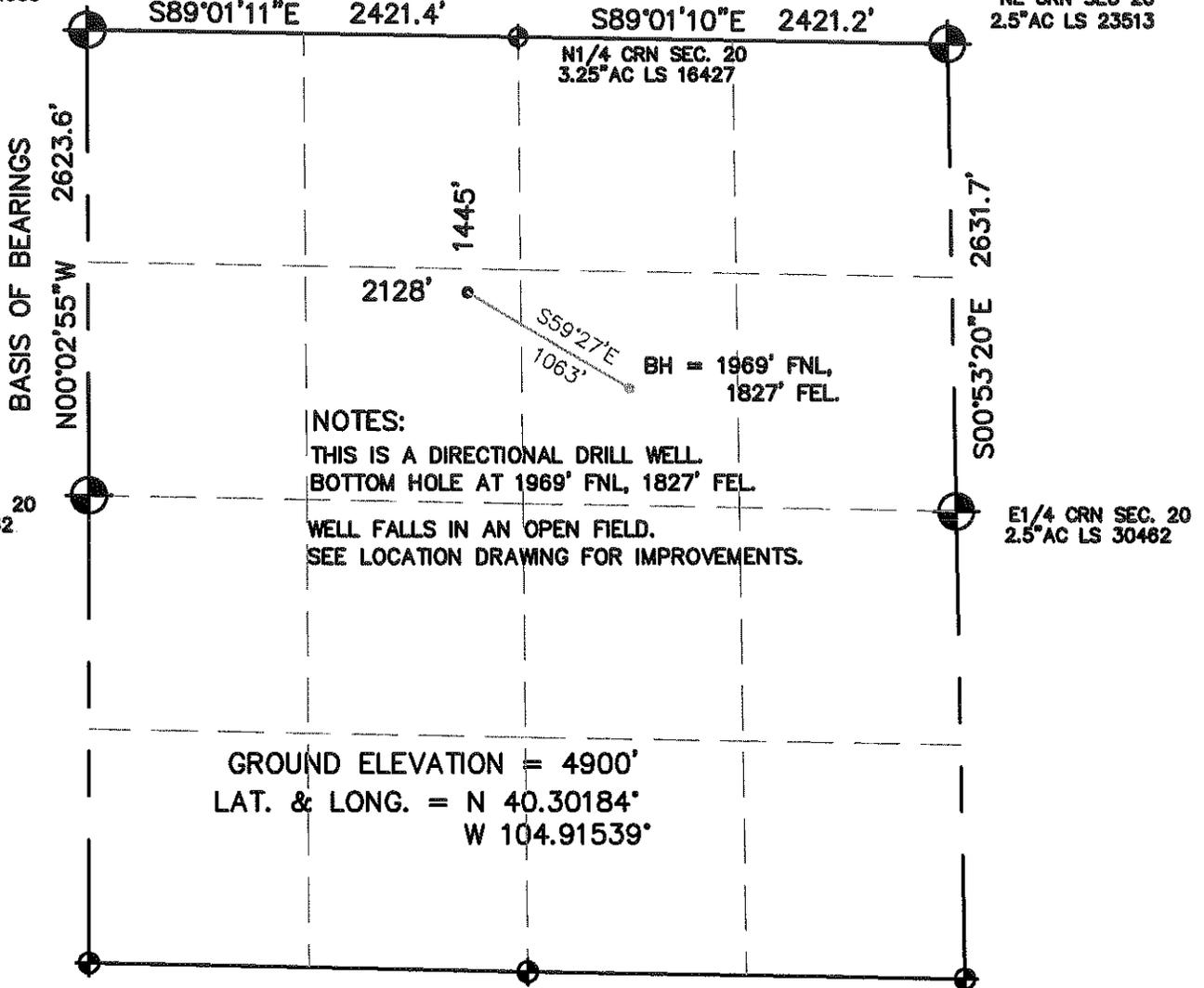


WELL LOCATION CERTIFICATE

NW CRN SEC. 20
2.5°AC LS 34995

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

NE CRN SEC 20
2.5°AC LS 23513



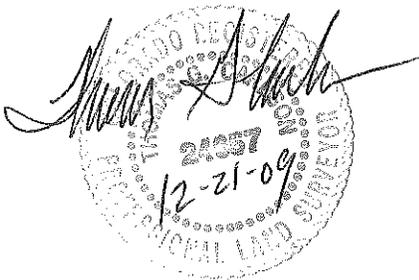
NOTES:

THIS IS A DIRECTIONAL DRILL WELL.
BOTTOM HOLE AT 1969' FNL, 1827' FEL.

WELL FALLS IN AN OPEN FIELD.
SEE LOCATION DRAWING FOR IMPROVEMENTS.

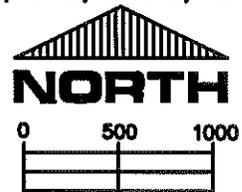
GROUND ELEVATION = 4900'
LAT. & LONG. = N 40.30184°
W 104.91539°

I HEREBY STATE TO PETROLEUM DEV. CORP. THAT THIS WELL LOCATION CERTIFICATE FOR THE WELL RYLAND 32-20D IS LOCATED 1445' FNL & 2128' FWL, SEC. 20, T4N, R67W, 6PM.



LEGEND

- = FOUND MONUMENT
- = PROPOSED WELL
- = IMPROVEMENTS (AS LABELED)



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 32-20D	
DRAWING DATE: 12-21-09		LOCATION: WELD COUNTY, CO NW1/4, SEC. 20, T4N, R67W, 6TH P.M.	
FIELD DATE: 12-21-09	BY: TGC	CHKD:	JOB NO. SHEET NO. 1 OF 1