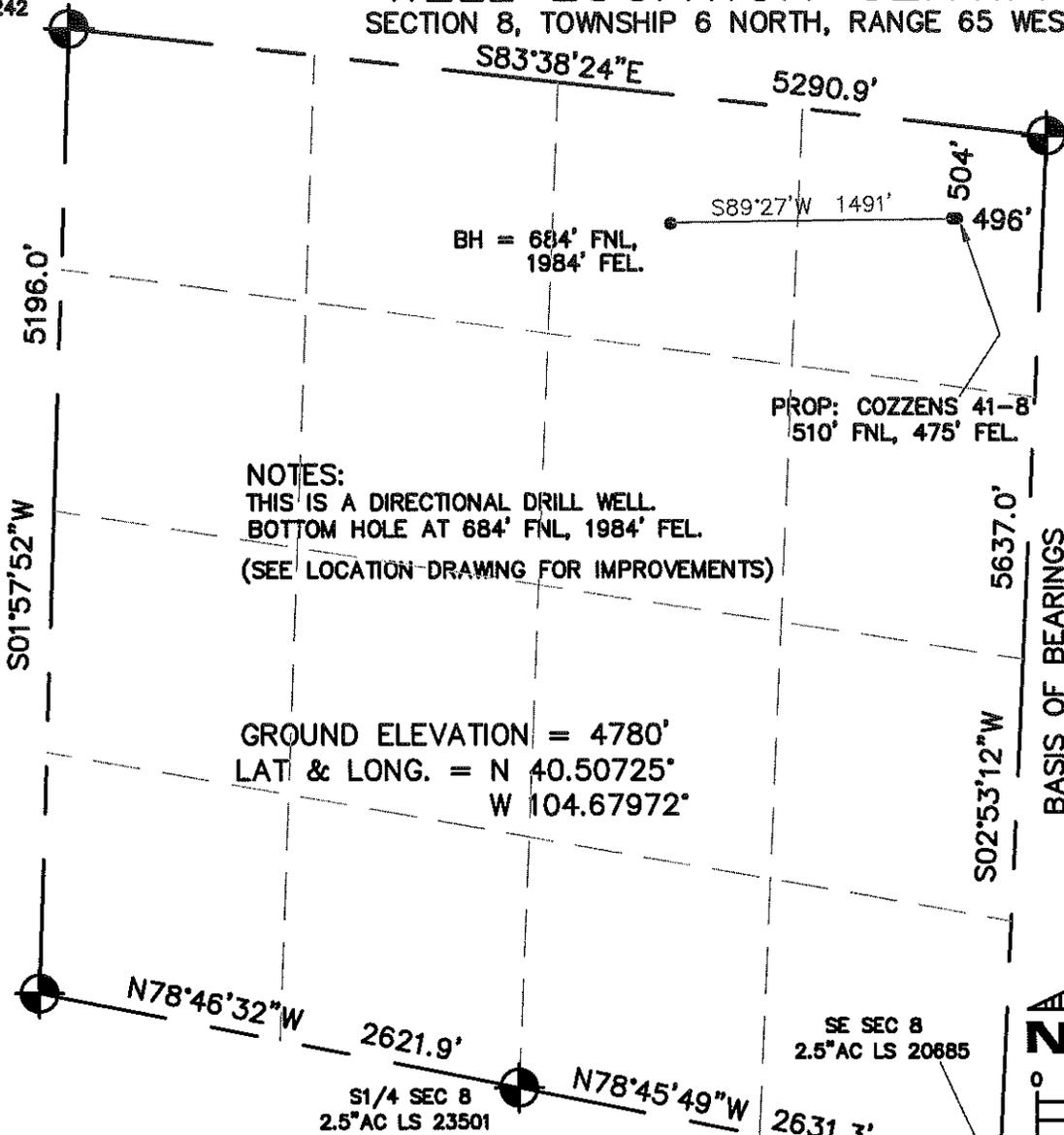


NW SEC 8
3.25^{AC} LS 7242

WELL LOCATION CERTIFICATE

SECTION 8, TOWNSHIP 6 NORTH, RANGE 65 WEST, 6TH P.M.

NE SEC 8
2.5^{AC} LS 20685



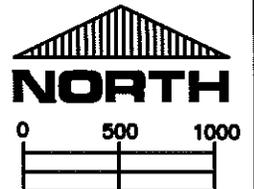
NOTES:
THIS IS A DIRECTIONAL DRILL WELL.
BOTTOM HOLE AT 684' FNL, 1984' FEL.
(SEE LOCATION DRAWING FOR IMPROVEMENTS)

GROUND ELEVATION = 4780'
LAT & LONG. = N 40.50725°
W 104.67972°

SW SEC 8
2.5^{AC} LS 23501

SE SEC 8
2.5^{AC} LS 20685

S1/4 SEC 8
2.5^{AC} LS 23501



SCALE:
1" = 1000'
LEGEND:

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

I HEREBY STATE TO PETROLEUM DEVELOPMENT CORP. THAT THIS WELL LOCATION CERTIFICATE FOR THE WELL COZZENS 31-8D IS LOCATED 504' FNL & 496' FEL, SEC. 8, T6N, R65W, 6PM.

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
 THOMAS G. CARLSON, PLS 24657
 HORSESHOE SURVEYING, LLC
 24657
 9-8-09

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: COZZENS 31-8D	
DRAWING DATE: 9-8-09		LOCATION: WELD COUNTY, CO NE1/4, SEC. 8, T6N, R65W, 6TH P.M.	
FIELD DATE: 7-23-08	BY: TGC	CHKD:	JOB NO. SHEET NO. 1 OF 1