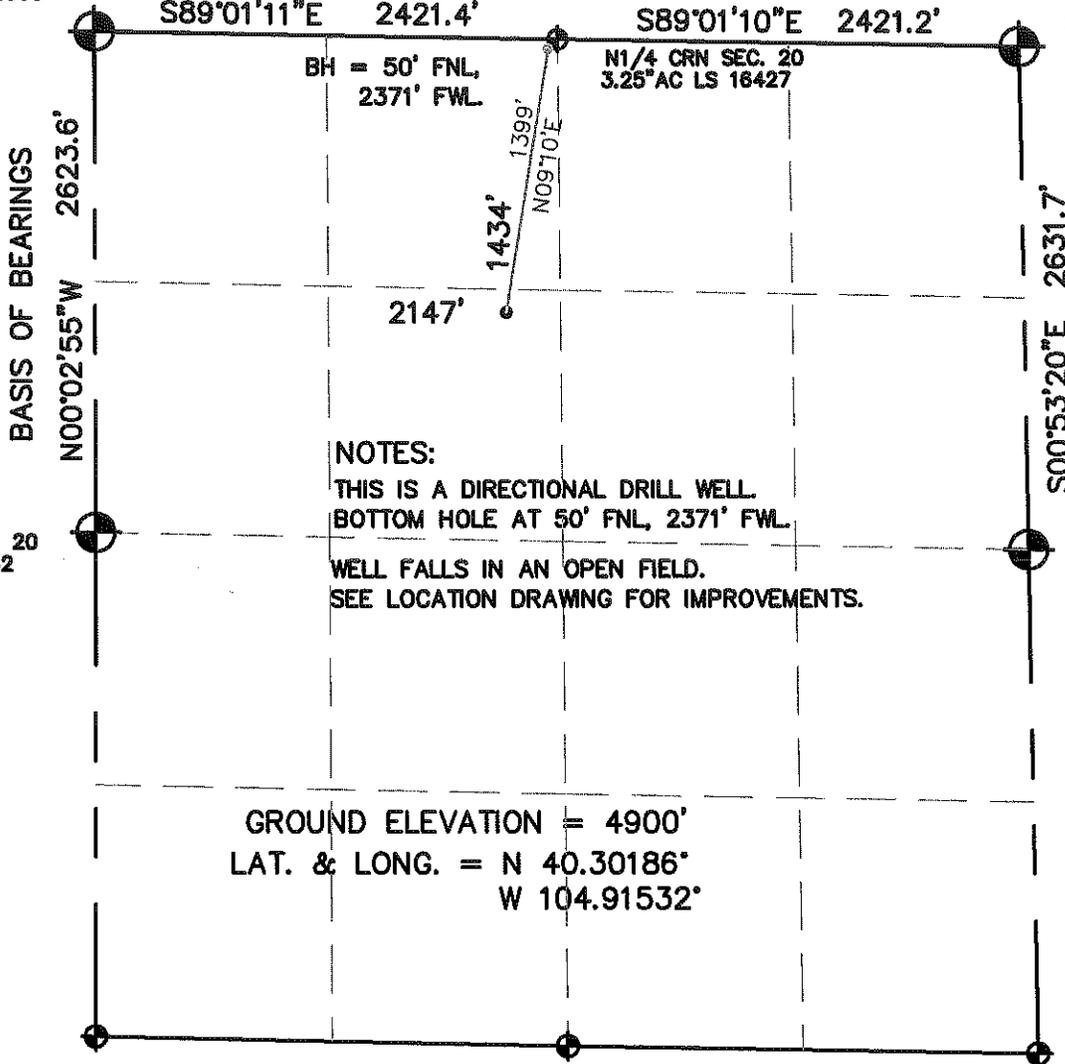


WELL LOCATION CERTIFICATE

NW CRN SEC. 20
2.5°AC LS 34895

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 50' FNL, 2371' FWL.
WELL FALLS IN AN OPEN FIELD.
SEE LOCATION DRAWING FOR IMPROVEMENTS.

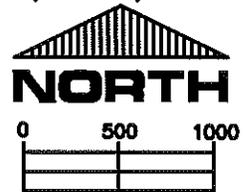
GROUND ELEVATION = 4900'
LAT. & LONG. = N 40.30186°
W 104.91532°

I HEREBY STATE TO PETROLEUM DEV. CORP. THAT THIS WELL LOCATION CERTIFICATE FOR THE WELL BROWN 20MD IS LOCATED 1434' FNL & 2147' FWL, SEC. 20, T4N, R67W, 6PM.



LEGEND

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



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: BROWN 20MD	
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