

WELL LOCATION CERTIFICATE

SECTION 20, TOWNSHIP 6 NORTH, RANGE 64 WEST, 6TH P.M.

NW CRN SEC. 20
3.25" AC LS 7242

S89°40'14"W

5328.2'

BASIS OF BEARINGS

NE CRN SEC. 20
2.5" AC LS 12374

2643.6'

S00°24'07"E

NOTES:

THIS IS A DIRECTIONAL DRILL WELL.
BOTTOM HOLE AT 100' FNL, 1332' FEL.

WELL FALLS IN A HAY FIELD.

SEE LOCATION DRAWING FOR IMPROVEMENTS

2644.9'
S00°17'51"E

BH = 100' FNL,
1332' FEL.

N12°43'W
1705'

1766'

967'

N00°21'30"W
2646.2'

W1/4 CRN SEC. 20
2.5" AC LS 12374

2644.3'

S00°23'26"E

N89°41'54"E
2666.9'

GROUND ELEVATION = 4760'
LAT. & LONG. = N 40.47390°
W 104.56806°

E1/4 CRN SEC. 20
2.5" AC LS 12374

2644.4'

N00°03'12"W

SW CRN SEC. 20
2.5" AC LS 23501

N89°42'09"E

2655.0'

S1/4 CRN SEC. 20
2.5" AC LS 28658

N89°41'46"E

2655.6'

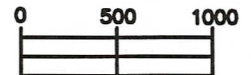
SE CRN SEC. 20
3.25" AC LS 37045

I HEREBY STATE TO PERTOLEUM DEV. CORP. THAT THIS LOCATION CERTIFICATE FOR
THE WELL SIMMONS 20RD IS LOCATED 1766' FNL & 967' FEL, SEC. 20, T6N, R64W, 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).

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.

DISTANCES TO WELL SHOWN PERPENDICULAR
TO SECTION LINES.

PREPARED BY:		WELL NAME:	
HORSESHOE SURVEYING, LLC PO BOX 150458 LAKEWOOD, CO 80215 (720)872-0196		SIMMONS 20RD	
DRAWING DATE: 11-11-10		LOCATION:	
		WELD COUNTY, CO NE1/4, SEC. 20, T6N, R64W, 6TH P.M.	
FIELD DATE: 11-10-10	BY: TGC	CHKD:	JOB NO.
			SHEET NO. 1 OF 1