

# WELL LOCATION CERTIFICATE

SECTION 22, TOWNSHIP 5 NORTH, RANGE 64 WEST, 6TH P.M.

NW CRN SEC. 22  
2.5°AC LS 24305

S89°58'05"E

2669.0'

BASIS OF BEARINGS  
N90°00'00"E

2637.8'

NE CRN SEC 22  
2.5°AC LS 9844

N1/4 CRN SEC 22  
2.5°AC LS 9844

2651.7'

2629.1'

N00°32'18"W

W1/4 CRN SEC. 22  
2.5°AC LS 9844

EX.: P&H 22-32  
1860' FNL, 1922' FEL.

GROUND ELEVATION = 4600'  
LAT. & LONG. = N 40.38706°  
W 104.53347°

BH = 2609' FNL,  
1316' FEL.

E1/4 CRN SEC. 22  
3.25°AC LS 10740

NOTES:  
THIS IS A DIRECTIONAL DRILL WELL  
BOTTOM HOLE AT 2609' FNL, 1316' FEL.

WELL FALLS IN A PLOWED FIELD  
AN EXISTING WELL IS 50' SE.  
A PROPOSED WELL IS 22' NW.  
SEE LOCATION DRAWING FOR IMPROVEMENTS

I HEREBY STATE TO PETROLEUM DEVELOPMENT CORP. THAT THIS WELL LOCATION CERTIFICATE  
FOR THE WELL P&H 22SD IS LOCATED 1836' FNL & 1966' FEL, SEC. 22, T5N, R64W, 6PM.

## LEGEND



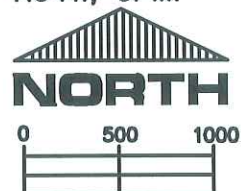
= FOUND MONUMENT



= 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).

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: P&H 22SD	
DRAWING DATE: 4-20-10		BY: TGC		LOCATION: WELD COUNTY, CO NE1/4, SEC. 22, T5N, R64W, 6TH P.M.	
FIELD DATE: 4-20-10		CHKD:		JOB NO.	SHEET NO. 1 OF 1