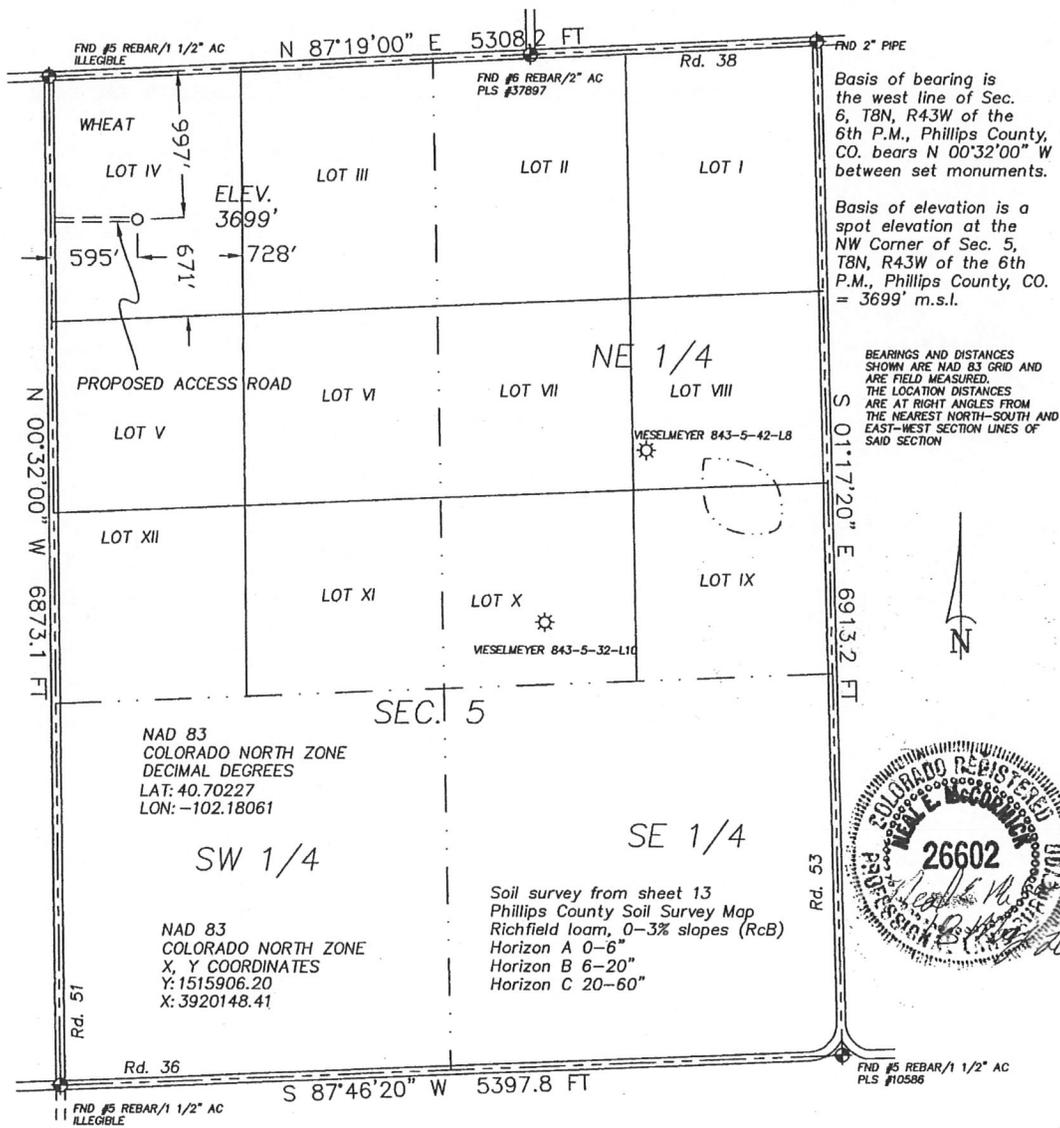


The accompanying plat is an accurate representation showing the location of a proposed well. This location may be described as a point 997 feet South of the North line, and 595 feet East of the West line of Section 5, Township 8 North, Range 43 West of the 6th P.M., Phillips County, Colorado. The surface elevation at this point is 3699 feet m.s.l. Note: This is not a land survey plat. There are no visible improvements within 400 feet of the location



Basis of bearing is the west line of Sec. 6, T8N, R43W of the 6th P.M., Phillips County, CO. bears N 00°32'00\" W between set monuments.
 Basis of elevation is a spot elevation at the NW Corner of Sec. 5, T8N, R43W of the 6th P.M., Phillips County, CO. = 3699' m.s.l.

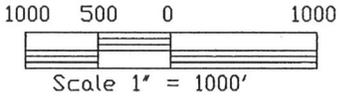
BEARINGS AND DISTANCES SHOWN ARE NAD 83 GRID AND ARE FIELD MEASURED. THE LOCATION DISTANCES ARE AT RIGHT ANGLES FROM THE NEAREST NORTH-SOUTH AND EAST-WEST SECTION LINES OF SAID SECTION



Soil survey from sheet 13 Phillips County Soil Survey Map Richfield loam, 0-3% slopes (RcB) Horizon A 0-6\" Horizon B 6-20\" Horizon C 20-60\"

NAD 83 COLORADO NORTH ZONE DECIMAL DEGREES LAT: 40.70227 LON: -102.18061

NAD 83 COLORADO NORTH ZONE X, Y COORDINATES Y: 1515906.20 X: 3920148.41



- 2.014 PDOP
- ★ Dual Producer
 - Oil well
 - ⊙ Gas Well
 - Dry Hole
 - Location
 - Fence Line
 - - - Half-Sec. Line
 - - - - Section Line
 - == Road
 - == Trail
 - ◆ Survey Monument

<p>GREAT PLAINS SURVEYING, INC.</p> <p>20575 C.R. 21 Haxtun, CO 80731 Phone 970-774-3602 Fax 970-774-3601</p>	DATE OF FIELD WORK: 21 APRIL 2011	DATE OF DRAWING: 18 MAY 2011
	HUBBARD FEDERAL 843-5-11-L4	
	NW 1/4 NW 1/4 SEC. 5, T8N, R43W	
	BLACK RAVEN ENERGY, INC.	
	PHILLIPS COUNTY, COLORADO	