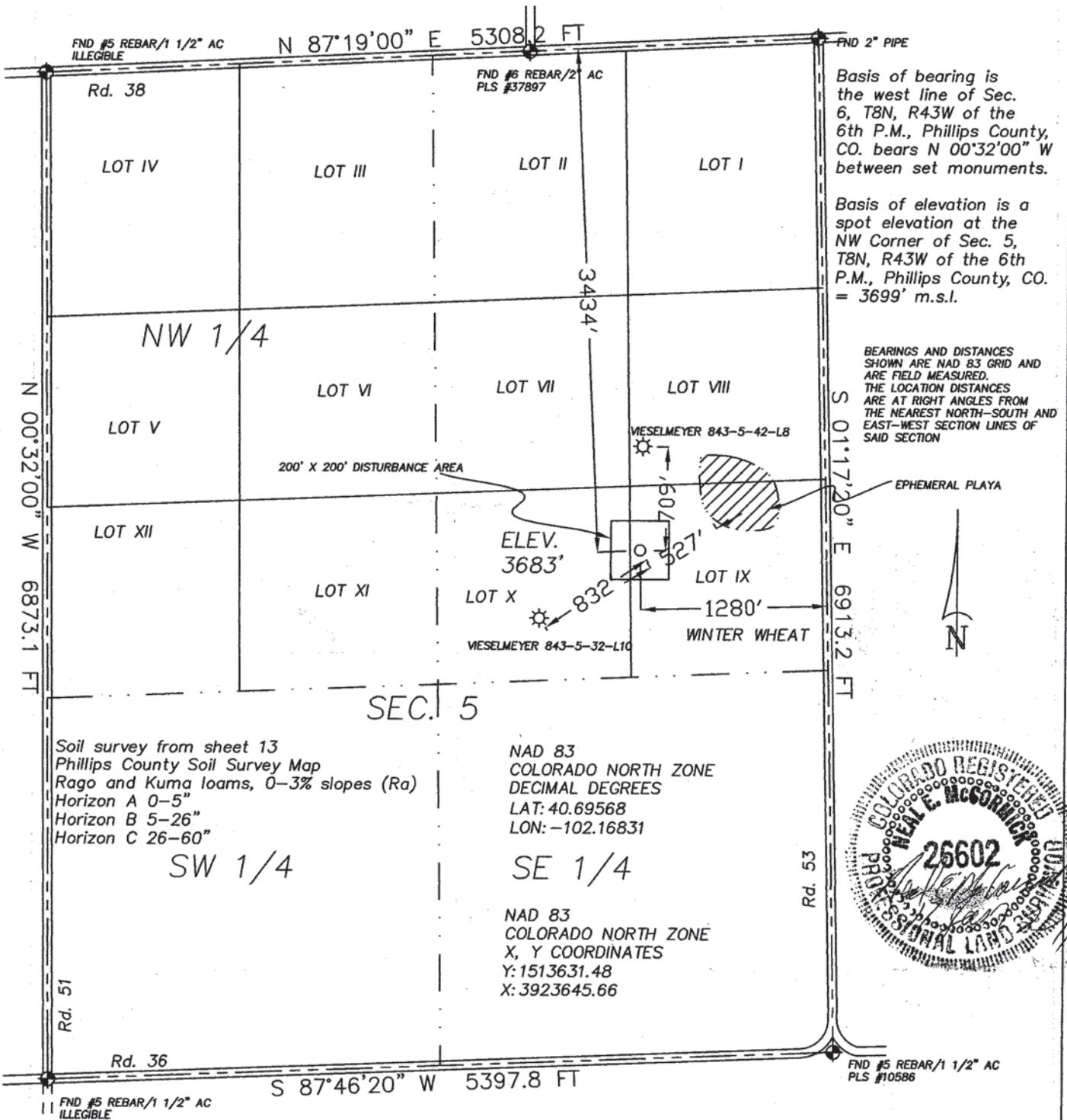


The accompanying plat is an accurate representation showing the location of a proposed well. This location may be described as a point 3434 feet South of the North line, and 1280 feet West of the East line of Section 5, Township 8 North, Range 43 West of the 6th P.M., Phillips County, Colorado. The surface elevation at this point is 3683 feet above 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.

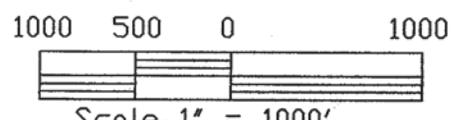
BEARINGS AND DISTANCES SHOWN ARE NAD 83 GRID AND ARE FIELD MEASURED. THE LOCATION DISTANCES ARE AT RIGHT ANGLES FROM THE NEAREST NORTH-SOUTH AND EAST-WEST SECTION LINES OF SAID SECTION



Soil survey from sheet 13
Phillips County Soil Survey Map
Rago and Kuma loams, 0-3% slopes (Ra)
Horizon A 0-5"
Horizon B 5-26"
Horizon C 26-60"

NAD 83
COLORADO NORTH ZONE
DECIMAL DEGREES
LAT: 40.69568
LON: -102.16831

NAD 83
COLORADO NORTH ZONE
X, Y COORDINATES
Y: 1513631.48
X: 3923645.66



- 2.053 PDOP
- ☀ Dual Producer
 - Oil well
 - ☼ Gas Well
 - ⊙ Dry Hole
 - Location
 - Fence Line
 - · — · Half-Sec. Line
 - · — · — Section Line
 - ==== Road
 - == == Trail
 - ◆ Survey Monument

 GREAT PLAINS SURVEYING, INC.	DATE OF FIELD WORK: 15 JANUARY 2011	DATE OF DRAWING: 17 JANUARY 2011
	VIESELMAYER 843-5-42-L9	
	SE 1/4 NE 1/4 SEC. 5, T8N, R43W	
	BLACK RAVEN ENERGY, INC.	
	PHILLIPS COUNTY, COLORADO	
20575 C.R. 21 Haxtun, CO 80731	Phone 970-774-3602 Fax 970-774-3601	