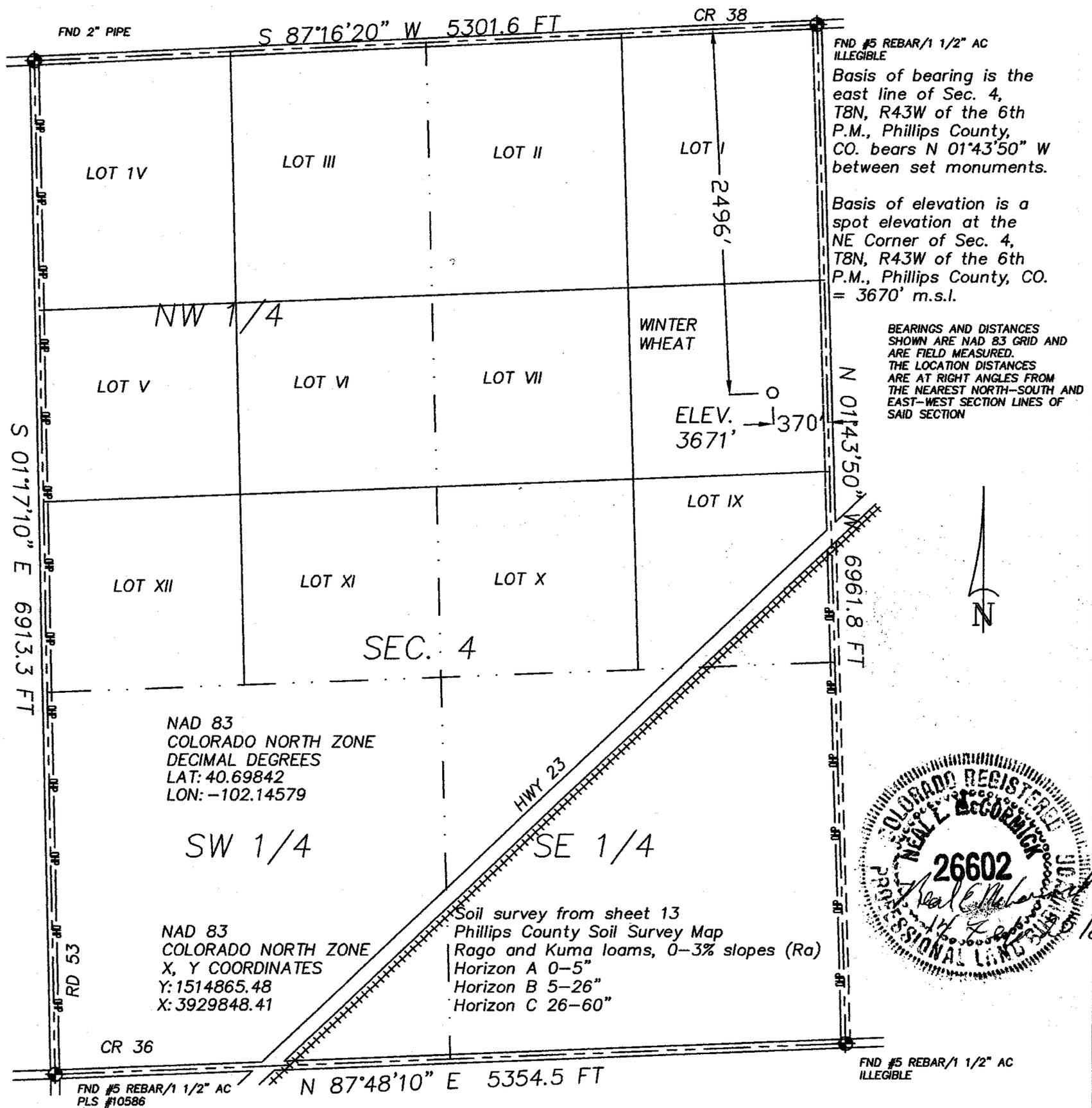


The accompanying plat is an accurate representation showing the location of a proposed well. This location may be described as a point 2496 feet South of the North line, and 370 feet West of the East line of Section 4, Township 8 North, Range 43 West of the 6th P.M., Phillips County, Colorado.

The surface elevation at this point is 3671 feet above m.s.l.

Note: This is not a land survey plat.

There are no visible improvements within 400 feet of the location., except an existing county road.



FND #5 REBAR/1 1/2" AC ILLEGIBLE
Basis of bearing is the east line of Sec. 4, T8N, R43W of the 6th P.M., Phillips County, CO. bears N 01°43'50" W between set monuments.

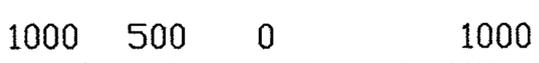
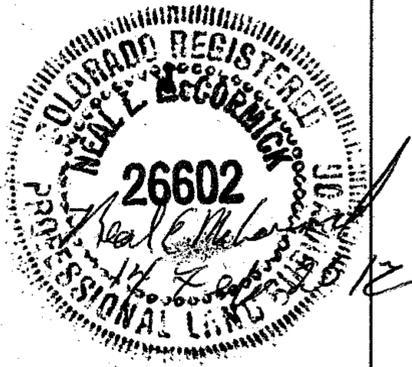
Basis of elevation is a spot elevation at the NE Corner of Sec. 4, T8N, R43W of the 6th P.M., Phillips County, CO. = 3670' m.s.l.

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

NAD 83
COLORADO NORTH ZONE
DECIMAL DEGREES
LAT: 40.69842
LON: -102.14579

NAD 83
COLORADO NORTH ZONE
X, Y COORDINATES
Y: 1514865.48
X: 3929848.41

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"



Scale 1" = 1000'

- 3.100 PDOP
- ☀ Dual Producer
- Oil well
- ☀ Gas Well
- ⊙ Dry Hole
- GPS OPERATOR: KEVIN MCCORMICK
- Location
- Fence Line
- Half-Sec. Line
- Section Line
- == Road
- == Trail
- ◆ Survey Monument

 GREAT PLAINS SURVEYING, INC.	DATE OF FIELD WORK: 14 FEBRUARY 2012	DATE OF DRAWING: 14 FEBRUARY 2012
	BRINKEMA 843-4-41-L8	
	NE 1/4 SEC. 4, T8N, R43W	
	BLACK RAVEN ENERGY, INC.	
	PHILLIPS COUNTY, COLORADO	
20575 C.R. 21 Haxtun, CO 80731	Phone 970-774-3602 Email gps@pctelcom.coop	