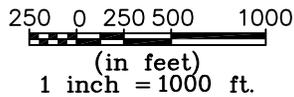
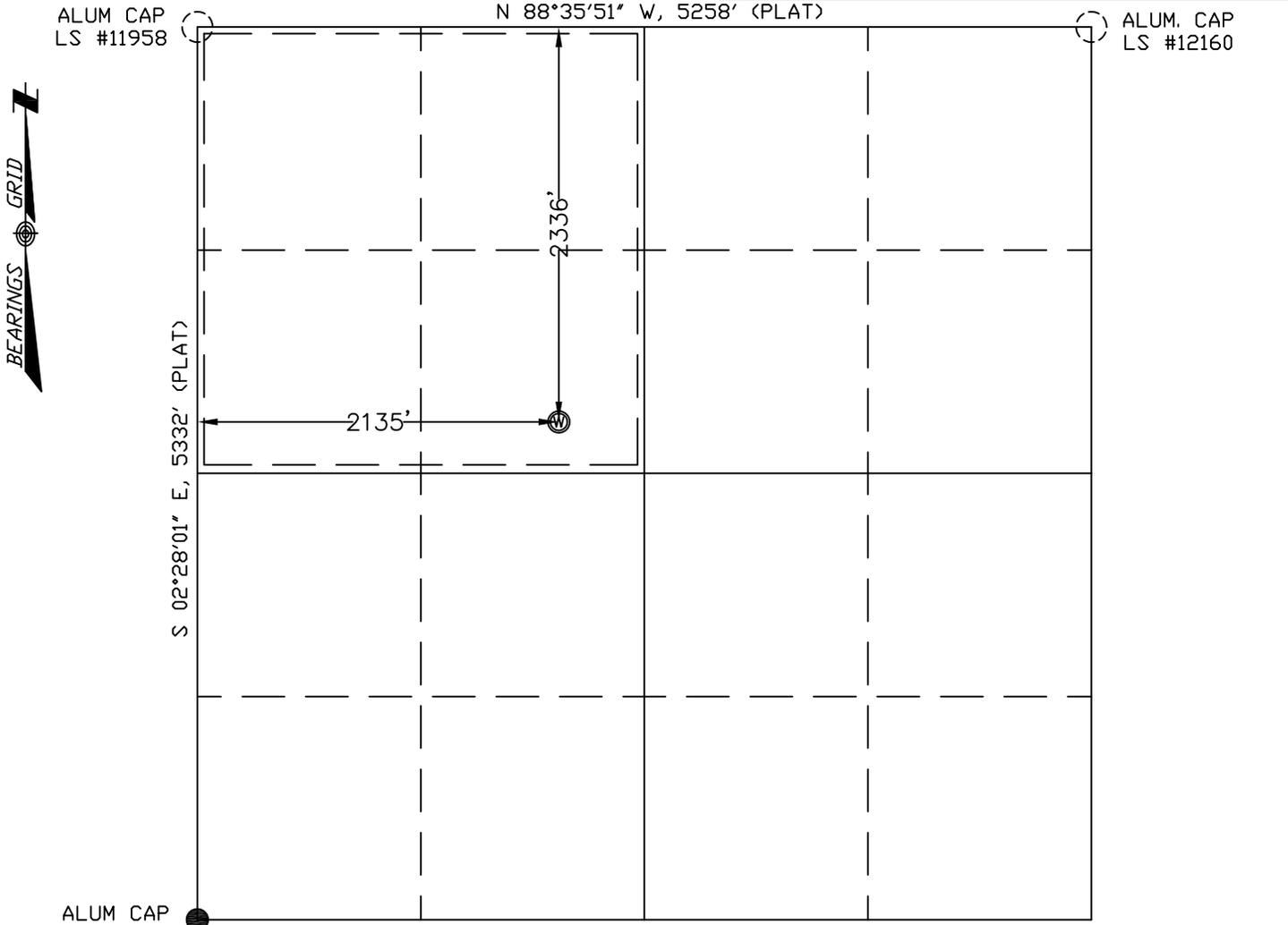


# COLORADO WELL LOCATION

OPERATOR: Pioneer Natural Resources		WELL NAME: Cougar Bob 22-11	
SECTION 11 TOWNSHIP 33 S, RANGE 67 W OF THE 6TH P.M., IN LAS ANIMAS COUNTY			
ACTUAL FOOTAGE OF WELL LOCATION: 2135 feet from the WEST line and 2336 feet from the NORTH line.		GROUND ELEV. (NGVD29): 7546'	
BASIS OF BEARING: GPS Observations	BASIS OF ELEVATION: GPS Observations	PDOP: 2.6	
SURFACE USE: Timber	DATE STAKED: May 22, 2008	LAT: N 37.18681°	LONG: W 104.85805° (NAD27)
		LAT: N 37.18682°	LONG: W 104.85860° (NAD83)



**LEGEND:**

- = WELL LOCATION
- = SURVEY MARKER (SEE DRAWING)
- = CALCULATED POINT
- = LOCATION FURNISHED BY PNRC.

Field Operator: R. Coberly

**NOTICE:**

SOME INFORMATION SHOWN HEREON IS BASED ON INFORMATION TAKEN FROM RECORD INFORMATION, PREVIOUS SURVEYS, PLATS AND SURVEYS BY OTHER SURVEYORS, OR COLLATORAL EVIDENCE AND MAY NOT REFLECT THAT WHICH MAY BE DISCLOSED BY A COMPLETE BOUNDARY SURVEY. **THIS SKETCH IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OF SURFACE BOUNDARIES, FENCES, BUILDINGS OR OTHER FUTURE IMPROVEMENTS.**

I hereby certify that this proposed well location shown was plotted from field notes of a actual GIS survey and meets the requirements of Colorado Statue 38-51-109.3 and was made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief and IS NOT A LAND SURVEY PLAT.

*Lee Shields*  
 Lee Shields, CO PLS #37960      May 10, 2011  
 Date Platted

**NOTE:**

ALL WELL LOCATIONS AND ELEVATIONS DERIVED FROM OBSERVED GPS DATA AND DIFFERENTIALLY CORRECTED TO CORS STATION PUEBLO 1 (PID #AJ6946) AND MEET AND/OR EXCEED COGCC RULE 303c AND RULE 215a-h.

NO VISIBLE IMPROVEMENTS WITHIN 400 FEET OF PROPOSED WELLHEAD UNLESS NOTED OTHERWISE.

DISTANCES ARE MEASURED AT 90° (NINETY DEGREES) FROM SAID SECTION LINES TO THE WELL LOCATION.

DESIRED PDOP MAY NOT BE OBTAINED DUE TO NATIVE CONDITIONS OF SITE.

**SHIELDS SURVEY Ltd. Co.** Raton, New Mexico 87740  
 (505)445-1232