

COLORADO WELL LOCATION

OPERATOR: Pioneer Natural Resources

WELL NAME: Cave Canyon 23-4 TR (Revised)

SECTION 4 TOWNSHIP 33 S, RANGE 67 W OF THE 6TH P.M., IN LAS ANIMAS COUNTY

ACTUAL FOOTAGE OF WELL LOCATION:

GROUND ELEV. (NGVD29):

2216 feet from the WEST line and 1792 feet from the SOUTH line.

7710³

BASIS OF BEARING: GPS Observations

BASIS OF ELEVATION:

GPS Observations

PDP: 4.8

SURFACE USE: Timber

DATE STAKED: September 29, 2009

LAT: N 37.19866°

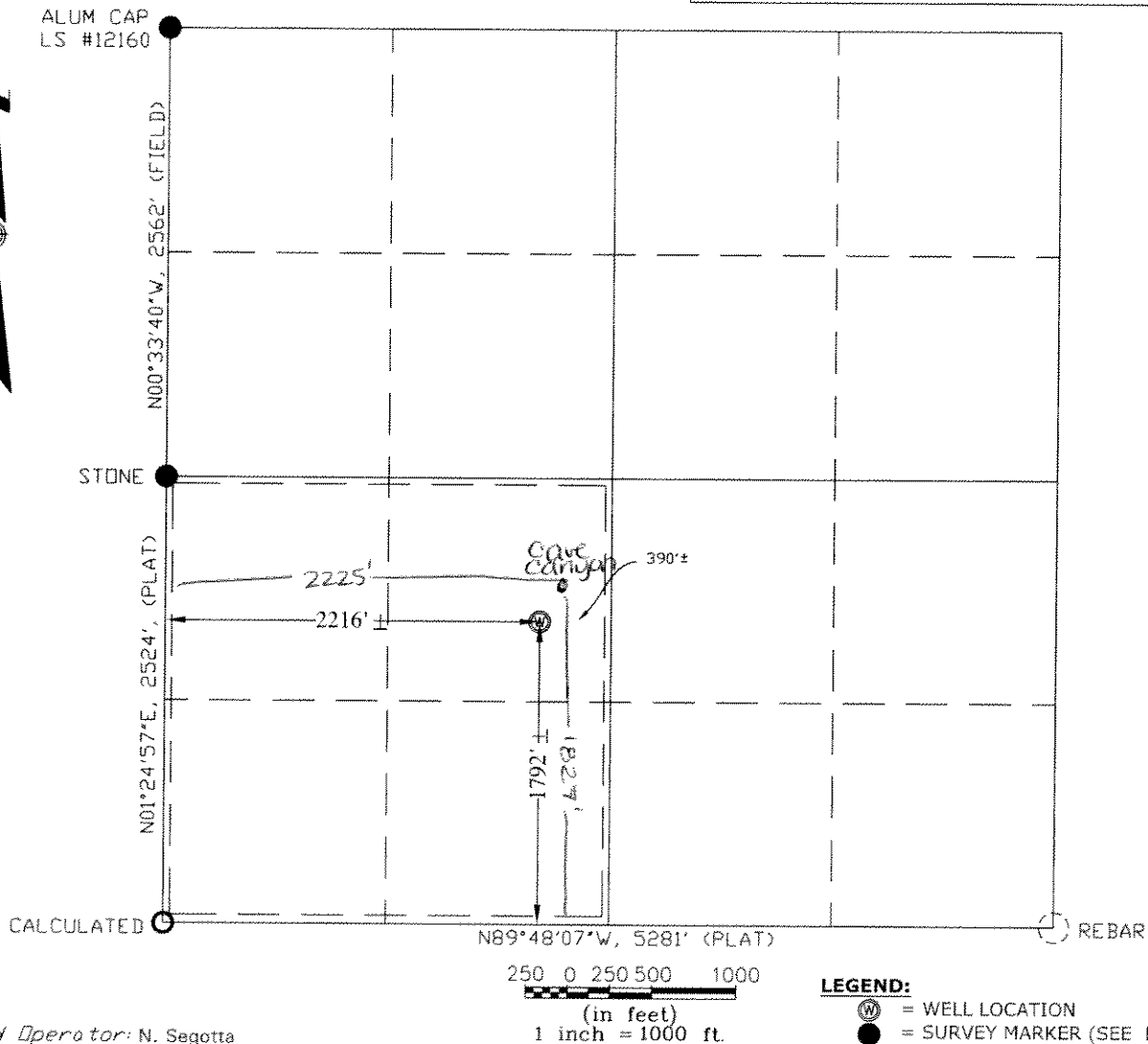
LONG: W 104.89382°

(NADP27)

LAT: N 37.19868°

LONG: W 104.89437°

(NAPBZ)



Field Operator: N. Segotta

NOTICE:

SOME INFORMATION SHOWN HEREON IS BASED ON INFORMATION TAKEN FROM RECORD INFORMATION, PREVIOUS SURVEYS, PLATS AND SURVEYS BY OTHER SURVEYORS, OR COLLATERAL 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.





Norman Scott Weese

October 01, 2009

Norman Scott Weese, CO PLS #38116

Date Purchased: _____

LEGEND:

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

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 200 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
(575)445-1232 9033