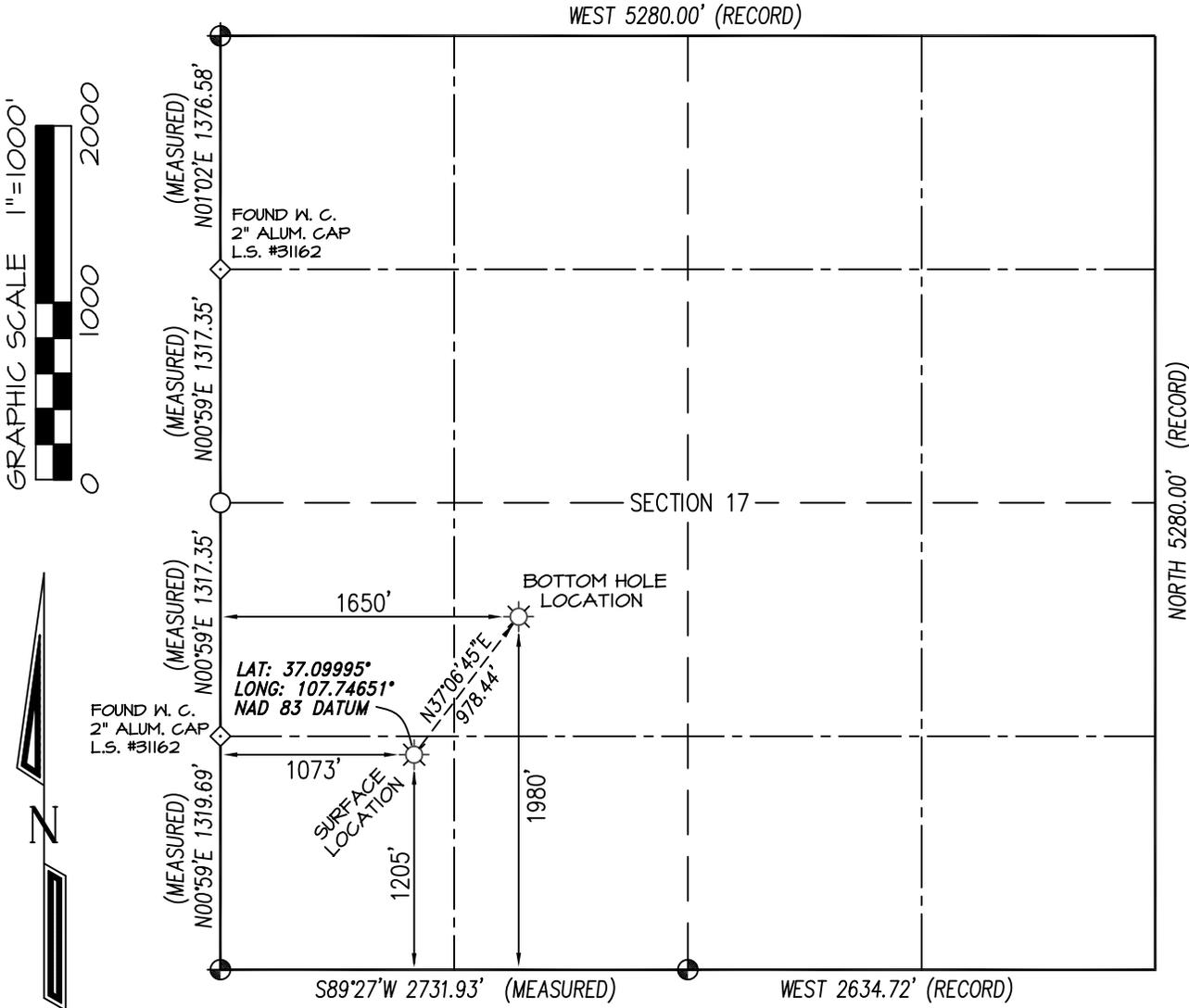


ELM RIDGE EXPLORATION COMPANY, LLC: IGE 140

**SURFACE LOCATION: 1205' FSL & 1073' FWL
SEC. 17, T-33-N, R-8-W, N.M.P.M., LA PLATA COUNTY, COLORADO.
GROUND LEVEL ELEVATION: 6731'**

**BOTTOM HOLE LOCATION: 1980' FSL & 1650' FWL
SEC. 17, T-33-N, R-8-W, N.M.P.M., LA PLATA COUNTY, COLORADO.**



BASIS OF BEARING:
REAL-TIME KINEMATIC GPS SURVEY SOLUTION OF CO SOUTH STATE PLANE (NAD 83) COORDINATE GRID WITH AN APPLIED ROTATION OF -1°23'.

BASIS OF ELEVATION
TOPO ELEVATION INTERPOLATED FROM U.S.G.S. 7.5 MIN. "IGNACIO" QUADRANGLE MAP & GPS ORTHOMETRIC HEIGHT SOLUTION.

- ⊕ denotes position determined from found Reference Markers confirmed w/magnetic locator
- denotes calculated position - no monument found or set.

RECORD DIMENSIONS SHOWN PER 1883 G.L.O. SURVEY PLAT



- NOTES:
1. WELL LOCATION FOOTAGE CALLS MEASURED PERPENDICULAR TO SECTION LINES.
 2. SURFACE USE FOR THE LAND SURROUNDING THIS LOCATION IS PRIVATE GRAZING LAND.
 3. THERE ARE DWELLING STRUCTURES WITHIN 450' OF THE WELL BORE LOCATION. SEE ATTACHED PAD DRAWING.
 4. THERE ARE PUBLIC ROADS OR PROPERTY BOUNDARY LINES WITHIN 150' OF THE WELL BORE LOCATION. SEE ATTACHED PAD DRAWING.
 5. WELL GPS OBSERVATION PERFORMED BY SCOTT WEIBE ON DATE OF SURVEY - PDOP VALUE = 2.07
 6. THIS EXHIBIT IS INTENDED TO DEPICT THE PROPOSED WELL LOCATION AND DOES NOT REPRESENT A MONUMENTED BOUNDARY SURVEY.

REVISED NOTES: 3/25/13

DRAWN BY: K.R.	SURVEYED: 4/3/08
CHECKED BY: K.R.	DRAWN: 5/2/08
FILE NO. ELM0901WF	JOB NO. ELM090

PREPARED FOR:
ELM RIDGE EXPLORATION CO. LLC

NORTHSTAR SURVEYING & MAPPING, INC.

75 County Rd. 231
DURANGO, CO. 81303
(970) 385-0851

I, KENNETH E. REA, A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO, DO HEREBY CERTIFY THAT THE WELL LOCATION SHOWN ON THIS PLAT IS ACCURATELY PLOTTED FROM FIELD NOTES OF ACTUAL SURVEYS MADE UNDER MY DIRECT SUPERVISION, AND THAT THIS PLAT IS NOT A LAND SURVEY PLAT OR IMPROVEMENT SURVEY PLAT, AND THAT IS IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OF FENCE, BUILDING, OR OTHER FUTURE IMPROVEMENT LINES.