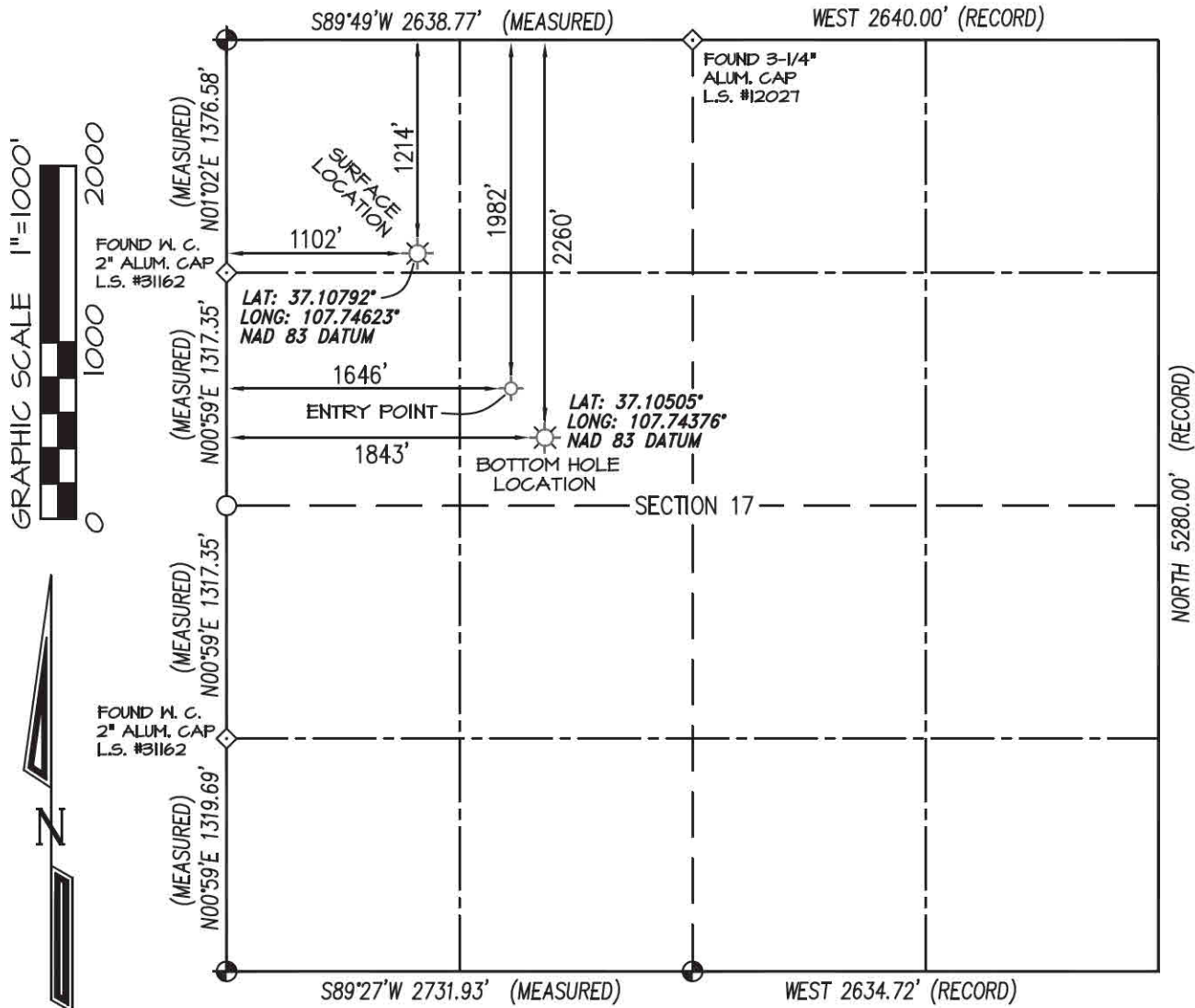


ELM RIDGE EXPLORATION COMPANY, LLC: IGE 141

**SURFACE LOCATION: 1214' FNL & 1102' FWL
SEC. 17, T-33-N, R-8-W, N.M.P.M., LA PLATA COUNTY, COLORADO.
GROUND LEVEL ELEVATION: 6665'**

**BOTTOM HOLE LOCATION: 2260' FNL & 1843' 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.

NOTES:

1. WELL LOCATION FOOTAGE CALLS MEASURED PERPENDICULAR TO SECTION LINES.
2. SURFACE USE FOR THE LAND SURROUNDING THIS LOCATION IS DRY GRASS LAND.
3. VISIBLE IMPROVEMENTS WITHIN 500' OF THE WELL BORE LOCATION ARE NOTED ON ATTACHED PAD DRAWING OR ATTACHED EXCEPTION ZONE SETBACK DRAWING.
4. THERE ARE NO PUBLIC ROADS, BUILDING UNITS, MAJOR ABOVE GROUND UTILITIES, OR RAILROADS WITHIN 200' OF THE WELL BORE LOCATION.
5. THERE ARE NO PROPERTY BOUNDARY LINES WITHIN 150' OF THE WELL BORE LOCATION.
6. WELL GPS OBSERVATION PERFORMED BY SCOTT WEIBE ON DATE OF SURVEY - PDOP VALUE = 2.13
7. THIS EXHIBIT IS INTENDED TO DEPICT THE PROPOSED WELL LOCATION AND DOES NOT REPRESENT A MONUMENTED BOUNDARY SURVEY.

⊕ 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

REVISED NOTES/BHL: 11/6/13

DRAWN BY: K.R.
CHECKED BY: K.R.
FILE NO. ELM091MP JOB NO. ELM091

PREPARED FOR:

ELM RIDGE EXPLORATION CO. LLC

**NORTHSTAR
SURVEYING & MAPPING, INC.**

768 County Rd. 308
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 IT IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OF FENCE, BUILDING, OR OTHER FUTURE IMPROVEMENT LINES.