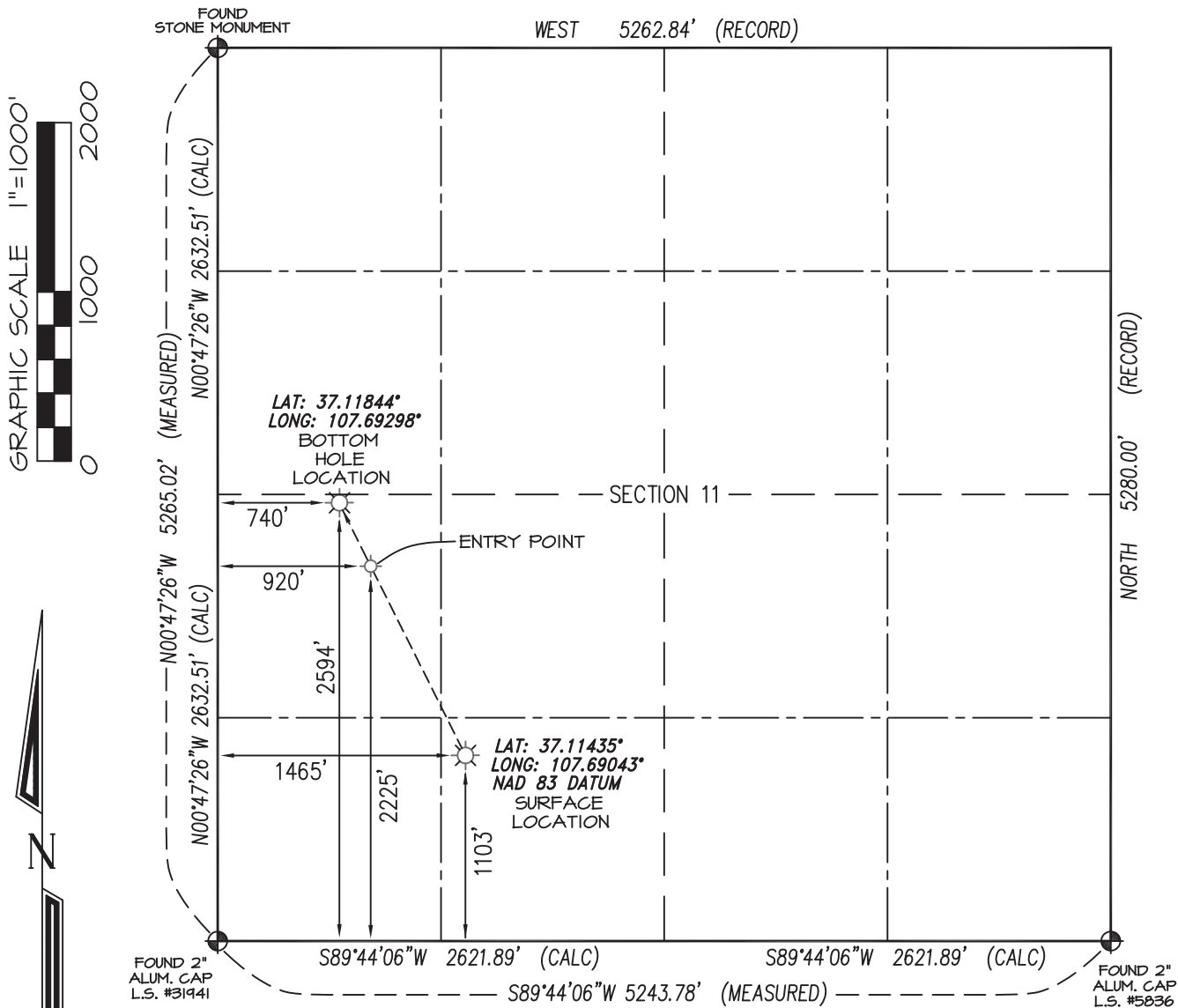


ELM RIDGE EXPLORATION COMPANY, LLC: IGE 134

SURFACE LOCATION: 1103' FSL & 1465' FWL
SEC. 11, T-33-N, R-8-W, N.M.P.M., LA PLATA COUNTY, COLORADO.
GROUND LEVEL ELEVATION: 6646'

BOTTOM HOLE LOCATION: 2594' FSL & 740' FWL
SEC. 11, 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°21'.

BASIS OF ELEVATION:
N.G.S. SURVEY MARK "IGNATIO" LOCATED IN THE
SE/4 NE/4 OF SECTION 6, T33N, R7W, N.M.P.M., LA PLATA
COUNTY COLORADO. REFERENCE ELEVATION = 6590'

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 WELL BORE LOCATION ARE NOTED ON ATTACHED PAD DRAWING.
4. THERE ARE NO BUILDING UNITS, SURFACE WATERS, OR RIPARIAN AREAS WITHIN 1000' OF THE WELL BORE LOCATION.
5. THERE ARE NO PUBLIC ROADS, MAJOR ABOVE GROUND UTILITIES, OR RAILROADS WITHIN 200' OF THE WELL BORE LOCATION.
6. THERE ARE NO PROPERTY BOUNDARY LINES WITHIN 150' OF THE WELL BORE LOCATION.
7. WELL GPS OBSERVATION PERFORMED BY NELSON ROSS ON DATE OF SURVEY - PDOP VALUE = 2.19
8. THIS EXHIBIT IS INTENDED TO DEPICT THE PROPOSED WELL LOCATION AND DOES NOT REPRESENT A MONUMENTED BOUNDARY SURVEY.

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

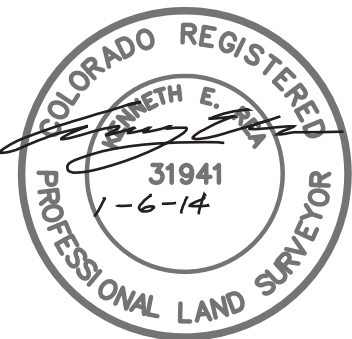
REVISED BHL: 1/6/14
DRAWN BY: K.R.
CHECKED BY: K.R.
FILE NO.: ELM087WPL
JOB NO.: ELM087

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 IS IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OF FENCE, BUILDING, OR OTHER FUTURE IMPROVEMENT LINES.