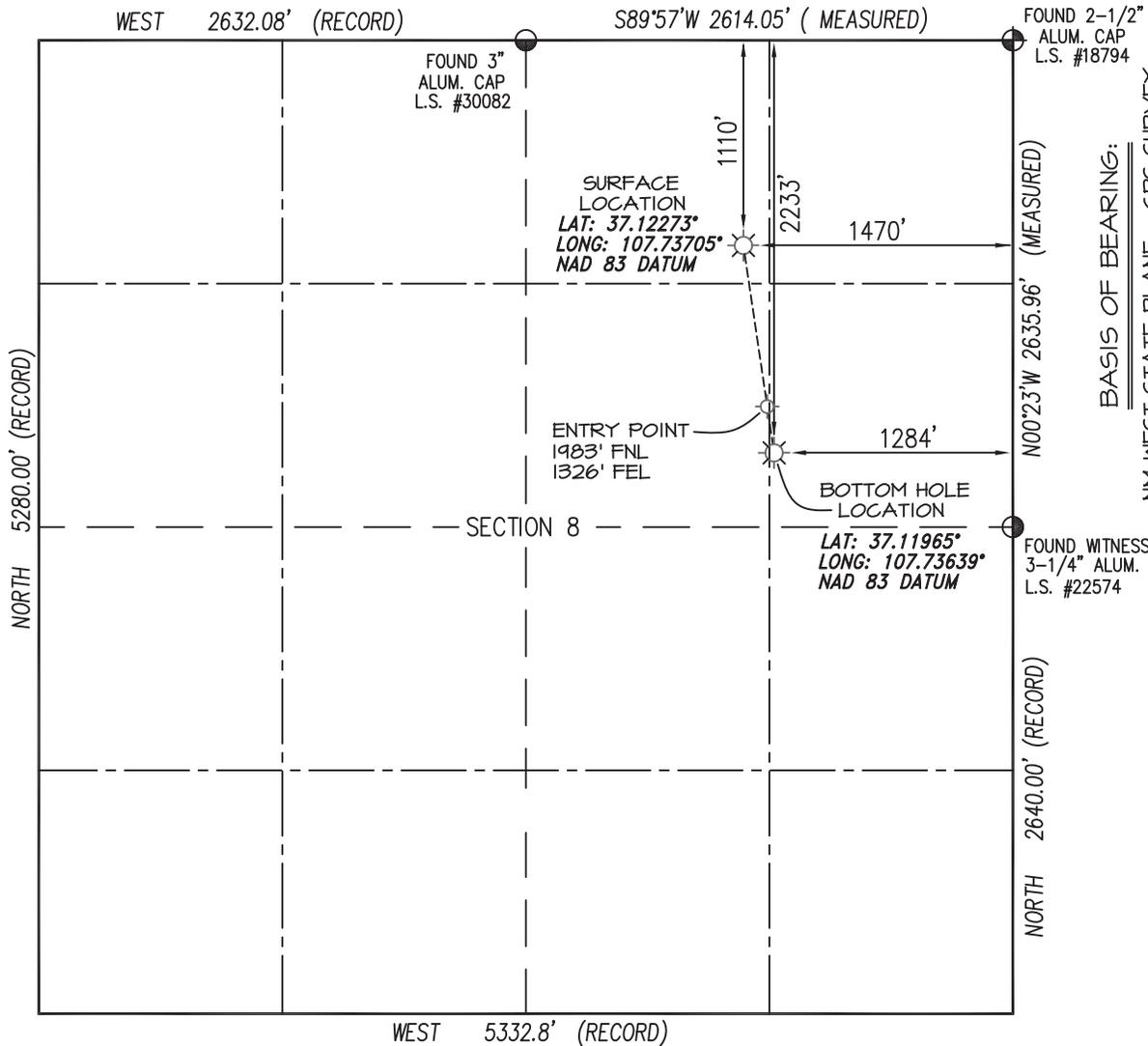


ELM RIDGE EXPLORATION COMPANY, LLC: IGE 103

SURFACE LOCATION: 1110' FNL & 1470' FEL
SEC. 8, T-33-N, R-8-W, N.M.P.M., LA PLATA COUNTY, COLORADO.
GROUND LEVEL ELEVATION: 6709'

BOTTOM HOLE LOCATION: 2233' FNL & 1284' FEL
SEC. 8, T-33-N, R-8-W, N.M.P.M., LA PLATA COUNTY, COLORADO.



BASIS OF BEARING:

NM WEST STATE PLANE - GPS SURVEY SOLUTION OBTAINED FROM SATELLITES TRACKED ON OCTOBER 14, 2004 FROM A REFERENCE STATION POSITIONED IN THE NE 1/4 SW 1/4 OF SECTION 15, T33N, R8W

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 PRIVATE GRAZING 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 SCOTT WEIBE ON 9/17/13 - PDOP VALUE = 2.20
8. THIS EXHIBIT IS INTENDED TO DEPICT THE PROPOSED WELL LOCATION AND DOES NOT REPRESENT A MONUMENTED BOUNDARY SURVEY.
9. THERE ARE SURFACE WATERS WITHIN 1000' OF THE WELL BORE LOCATION. SEE ATTACHED SURFACE WATER TOPO MAP.

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



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.

REVISED BHL: 12/6/13
 DRAWN BY: K.R. SURVEYED: 10/14/04
 CHECKED BY: K.R. DRAWN: 10/21/04
 FILE NO.: ELM004WP JOB NO.: ELM004

PREPARED FOR:

ELM RIDGE EXPLORATION CO.

**NORTHSTAR
 SURVEYING & MAPPING, INC.**

768 County Rd. 308
 DURANGO, CO. 81303
 (970) 385-0851