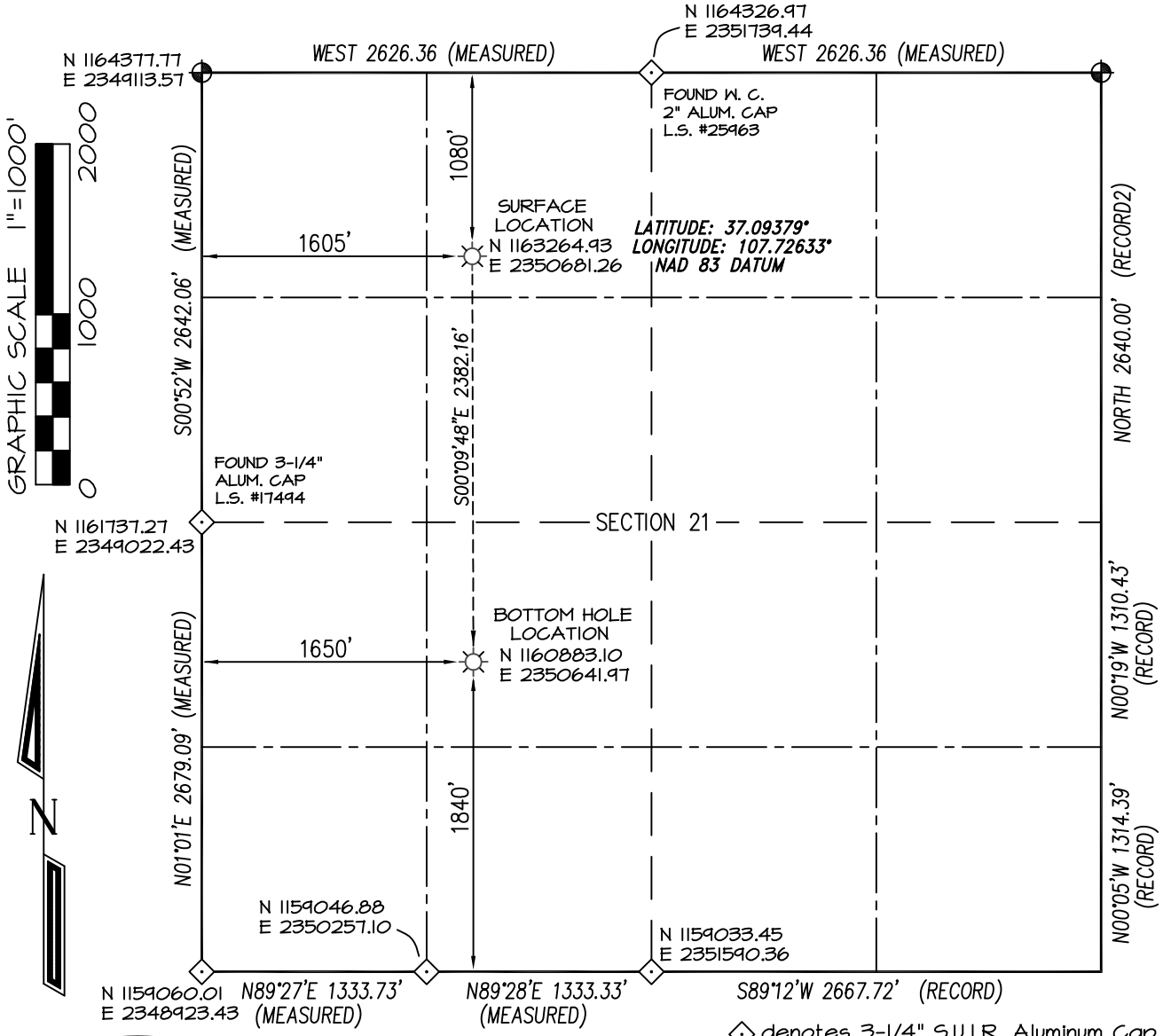
ELM RIDGE EXPLORATION COMPANY, LLC: IGS 419

SURFACE LOCATION: 1080' FNL & 1605' FWL
SEC. 21, T-33-N, R-8-W, N.M.P.M., LA PLATA COUNTY, COLORADO.
GROUND LEVEL ELEVATION: 6776'

BOTTOM HOLE LOCATION: 1840' FSL, 1650' FWL
SEC. 21, T-33-N, R-8-W, N.M.P.M., LA PLATA COUNTY, COLORADO.



BASIS OF BEARING:
NORTH LINE OF SECTION 21, T33N, R8W, N.M.P.M., LA PLATA COUNTY, CO.
REFERENCE BEARING: WEST (ASSUMED)
MONUMENTED AS SHOWN HEREON.

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

◇ denotes 3-1/4" S.U.I.R. Aluminum Cap unless otherwise noted

⊕ denotes position determined from found Reference Markers & magnetic locator

RECORD DIMINSIONS SHOWN PER 1998 B.L.M DEPENDENT RESURVEY PLAT

RECORD2 DIMINSIONS SHOWN PER 1883 G.L.O. SURVEY PLAT

COLORADO REGISTERED PROFESSIONAL LAND SURVEYOR
KENNETH E. REA
31941

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 SHOWN ON ATTACHED PAD DIAGRAM OR ON ATTACHED 500' RADIUS VISIBLE IMPROVMENT DETAIL.
4. THERE ARE NO PUBLIC ROADS, 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 = 2.25
7. THIS EXHIBIT IS INTENDED TO DEPICT THE PROPOSED WELL LOCATION AND DOES NOT REPRESENT A MONUMENTED BOUNDARY SURVEY.
8. THERE ARE SURFACE WATERS WITHIN 1000' OF THE WELL BORE LOCATION. SEE ATTACHED SURFACE WATER TOPO MAP.

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.

DRAWN BY: K.R.	SURVEYED: 3/20/14
CHECKED BY: K.R.	DRAWN: 4/23/14
FILE NO. ELM044WP	JOB NO. ELM044

PREPARED FOR:

ELM RIDGE EXPLORATION CO. LLC

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