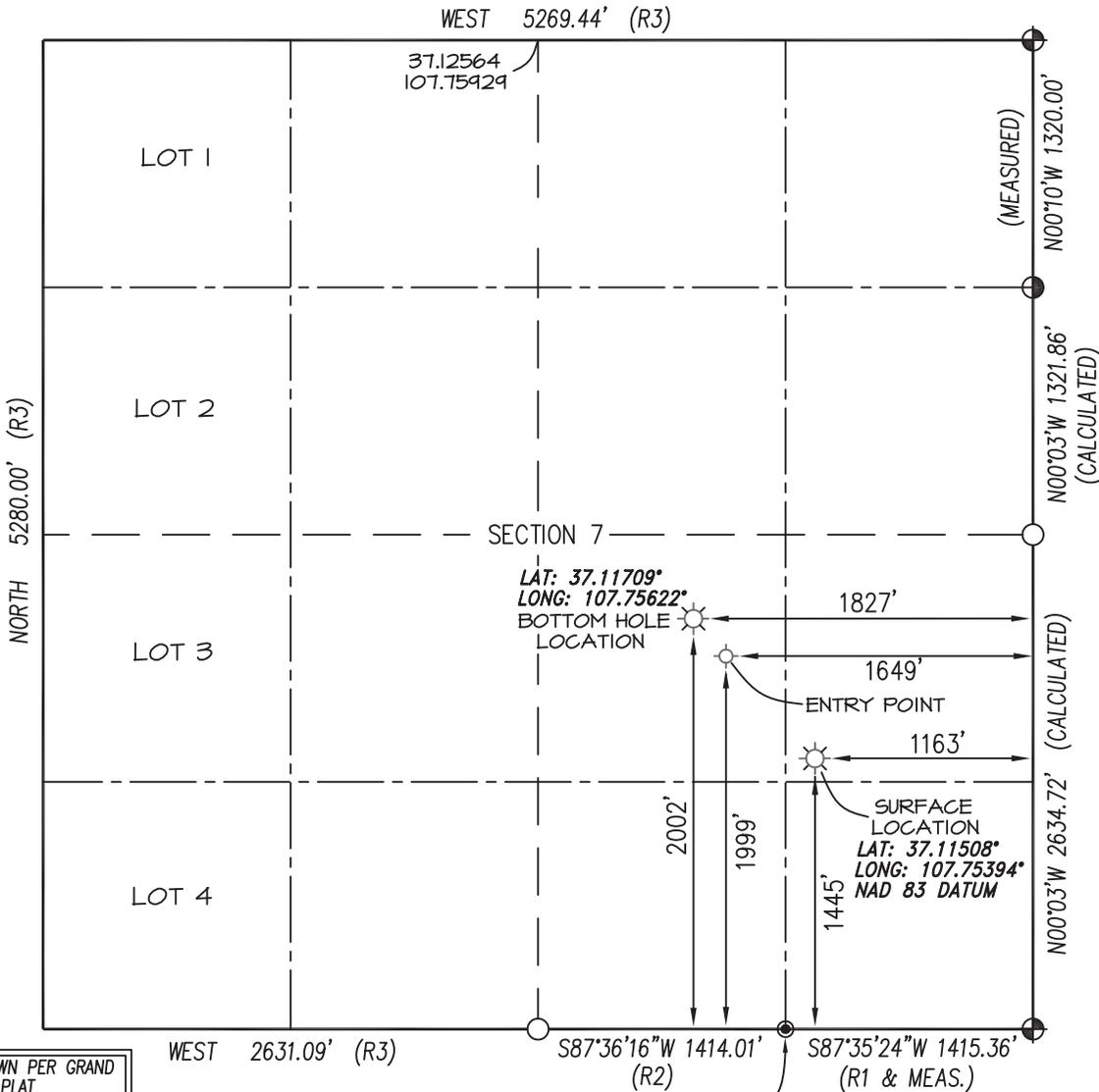


ELM RIDGE EXPLORATION COMPANY, LLC: IGW 122

SURFACE LOCATION: 1445' FSL & 1163' FEL
SEC. 7, T-33-N, R-8-W, N.M.P.M., LA PLATA COUNTY, COLORADO.
GROUND LEVEL ELEVATION: 6649'

BOTTOM HOLE LOCATION: 2002' FSL & 1827' FEL
SEC. 7, T-33-N, R-8-W, N.M.P.M., LA PLATA COUNTY, COLORADO.



BASIS OF BEARING:

NORTH LINE OF NE/4 NE/4 SECTION 18, T33N R8W, N.M.P.M., LA PLATA COUNTY, COLORADO AS NOTED ON GRAND VISTAS SUBDIVISION PLAT FILED UNDER REC. NO. 792789 IN LA PLATA COUNTY CLERK & RECORDERS OFFICE. REFERENCE BEARING: S 87°35'24\" N

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.

R1 DIMENSIONS SHOWN PER GRAND VISTAS SUBDIVISION PLAT
 R2 DIMENSIONS SHOWN PER EOFF-SWANEMYR SUBDIVISION PLAT
 R3 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 DRY GRASS LAND.
3. VISIBLE IMPROVEMENTS WITHIN 500' OF WELL BORE LOCATION ARE SHOWN ON ATTACHED PAD DIAGRAM OR ON ATTACHED 500' RADIUS VISIBLE IMPROVEMENT 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.

⊕ and ⊙ denote position determined from found reference tags & magnetic locator.

○ denotes calculated position.



I, KENNETH E. REA, A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO, DO HEREBY CERTIFY THAT THE SURVEY REPRESENTED BY THIS PLAT WAS MADE UNDER MY DIRECT SUPERVISION AND THAT THIS PLAT ACCURATELY REPRESENTS THIS SURVEY TO THE BEST OF MY KNOWLEDGE AND BELIEF.

BHL REVISION: 1/25/14
 DRAWN BY: K.R. SURVEYED: 5/7/07
 CHECKED BY: K.R. DRAWN: 5/31/07
 FILE NO.: ELM0681WF JOB NO.: ELM068

PREPARED FOR:

ELM RIDGE EXPLORATION CO. LLC

NORTHSTAR SURVEYING & MAPPING, INC.

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 DURANGO, CO. 81303
 (970) 385-0851