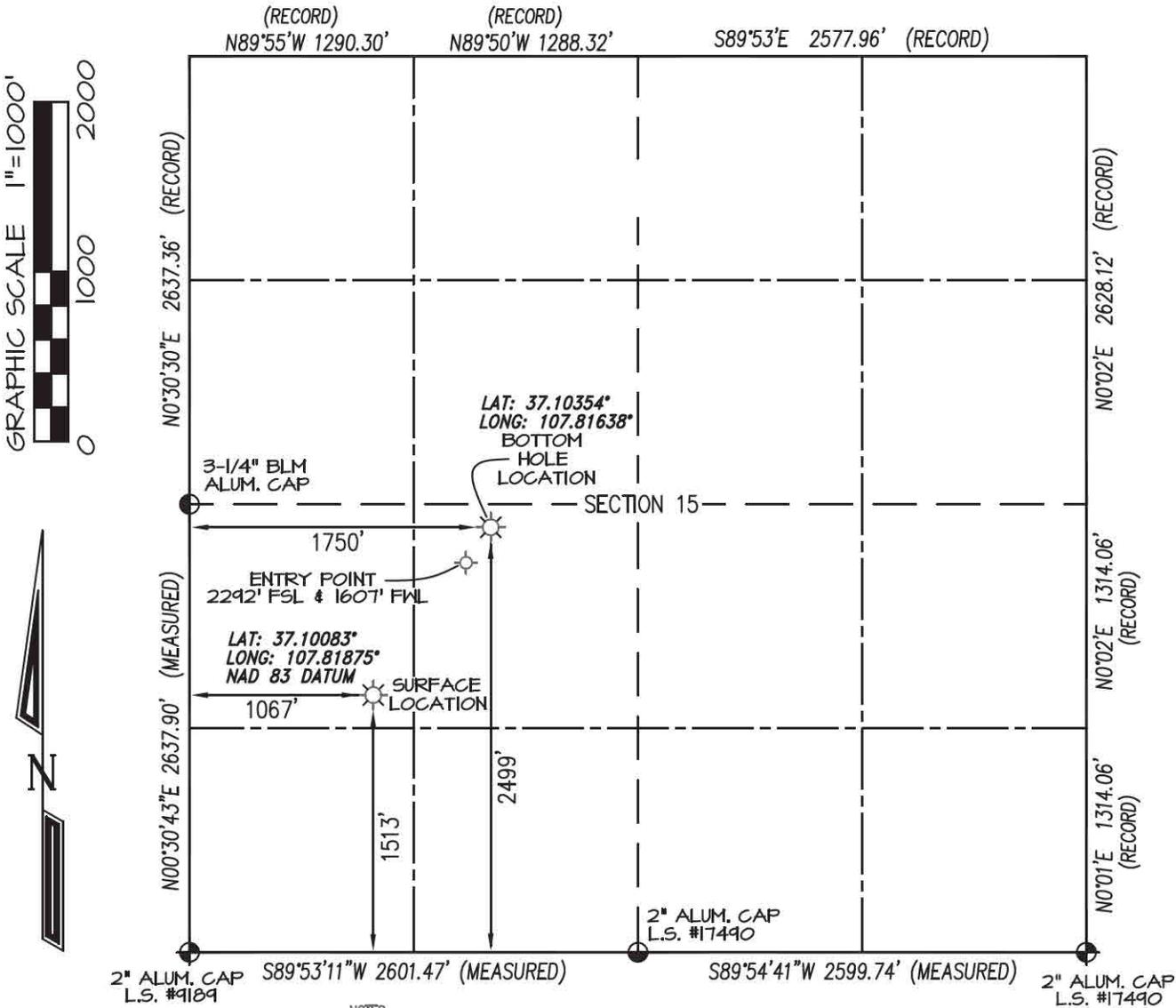


**ELM RIDGE EXPLORATION COMPANY, LLC: IGW 152**

**SURFACE LOCATION: 1513' FSL & 1067' FWL  
 SEC. 15, T-33-N, R-9-W, N.M.P.M., LA PLATA COUNTY, COLORADO.  
 GROUND LEVEL ELEVATION: 6857'**

**BOTTOM HOLE LOCATION: 2499' FSL & 1750' FWL  
 SEC. 15, T-33-N, R-9-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°25'.

**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 KENNETH REA ON DATE OF SURVEY - PDOP VALUE = 2.09
  8. THIS EXHIBIT IS INTENDED TO DEPICT THE PROPOSED WELL LOCATION AND DOES NOT REPRESENT A MONUMENTED BOUNDARY SURVEY.

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

BHL REVISION: 2/5/14

DRAWN BY: K.R.	SURVEYED: 9/21/07	PREPARED FOR: <b>ELM RIDGE EXPLORATION CO. LLC</b>
CHECKED BY: K.R.	DRAWN: 10/10/07	
FILE NO: ELM0831WF	JOB NO: ELM083	

**NORTHSTAR SURVEYING & MAPPING, INC.**  
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