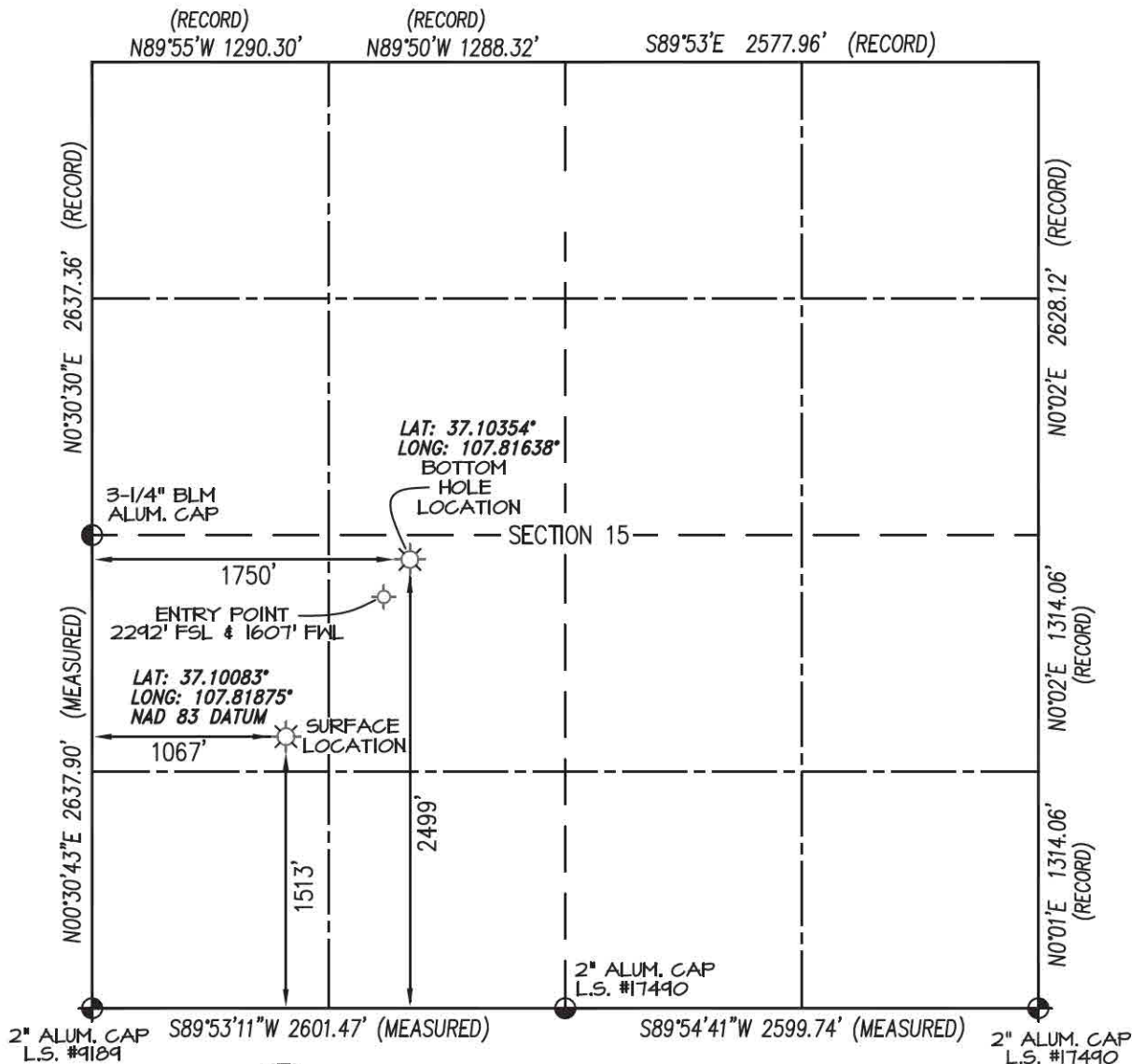


**ELM RIDGE EXPLORATION COMPANY, LLC: IGW 152**

**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.**

GRAPHIC SCALE 1"=1000'  
0 1000 2000



**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 DIMENSIONS 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  
CHECKED BY: K.R. DRAWN: 10/10/07  
FILE NO. ELM083MFB JOB NO. ELM083

PREPARED FOR:

**ELM RIDGE EXPLORATION CO. LLC**

**NORTHSTAR  
SURVEYING & MAPPING, INC.**

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DURANGO, CO. 81303  
(970) 385-0851