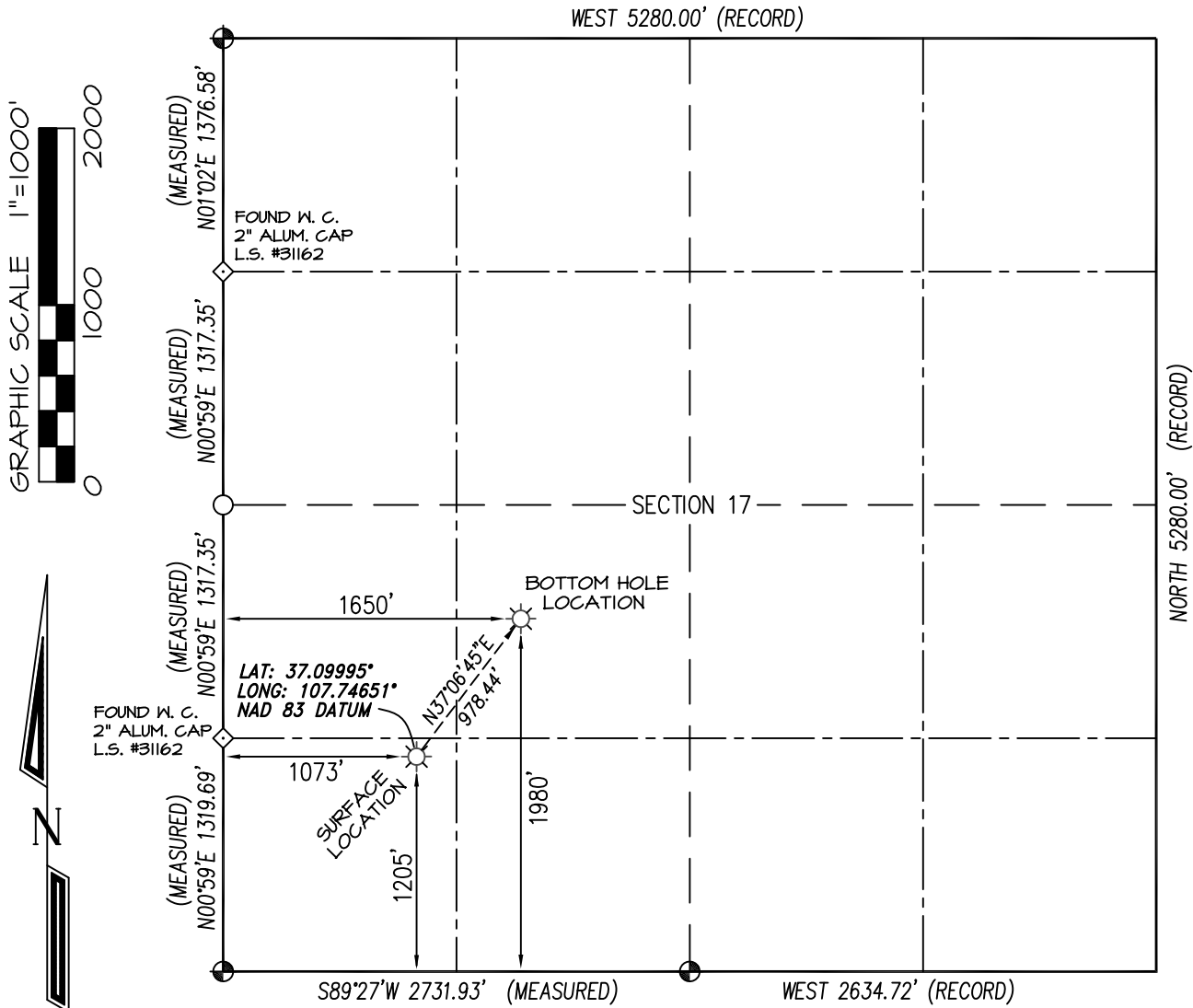


# ELM RIDGE EXPLORATION COMPANY, LLC: IGE 140

**SURFACE LOCATION: 1205' FSL & 1073' FWL**  
**SEC. 17, T-33-N, R-8-W, N.M.P.M., LA PLATA COUNTY, COLORADO.**  
**GROUND LEVEL ELEVATION: 6731'**

**BOTTOM HOLE LOCATION: 1980' FSL & 1650' FWL**  
**SEC. 17, T-33-N, R-8-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°23'.

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

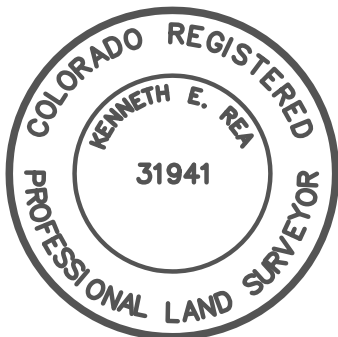
⊕ denotes position determined from found  
Reference Markers confirmed w/magnetic locator

○ denotes calculated position - no monument  
found or set.

## 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. THERE ARE DWELLING STRUCTURES WITHIN 450' OF THE WELL BORE LOCATION. SEE ATTACHED PAD DRAWING.
4. THERE ARE PUBLIC ROADS OR PROPERTY BOUNDARY LINES WITHIN 150' OF THE WELL BORE LOCATION. SEE ATTACHED PAD DRAWING.
5. WELL GPS OBSERVATION PERFORMED BY SCOTT WEIBE ON DATE OF SURVEY - PDOP VALUE = 2.07
6. THIS EXHIBIT IS INTENDED TO DEPICT THE PROPOSED WELL LOCATION AND DOES NOT REPRESENT A MONUMENTED BOUNDARY SURVEY.

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 NOTES: 3/25/13

DRAWN BY:	K.R.	SURVEYED:	4/3/08
CHECKED BY:	K.R.	DRAWN:	5/2/08
FILE NO.	ELM0901WF	JOB NO.	ELM090

PREPARED FOR:

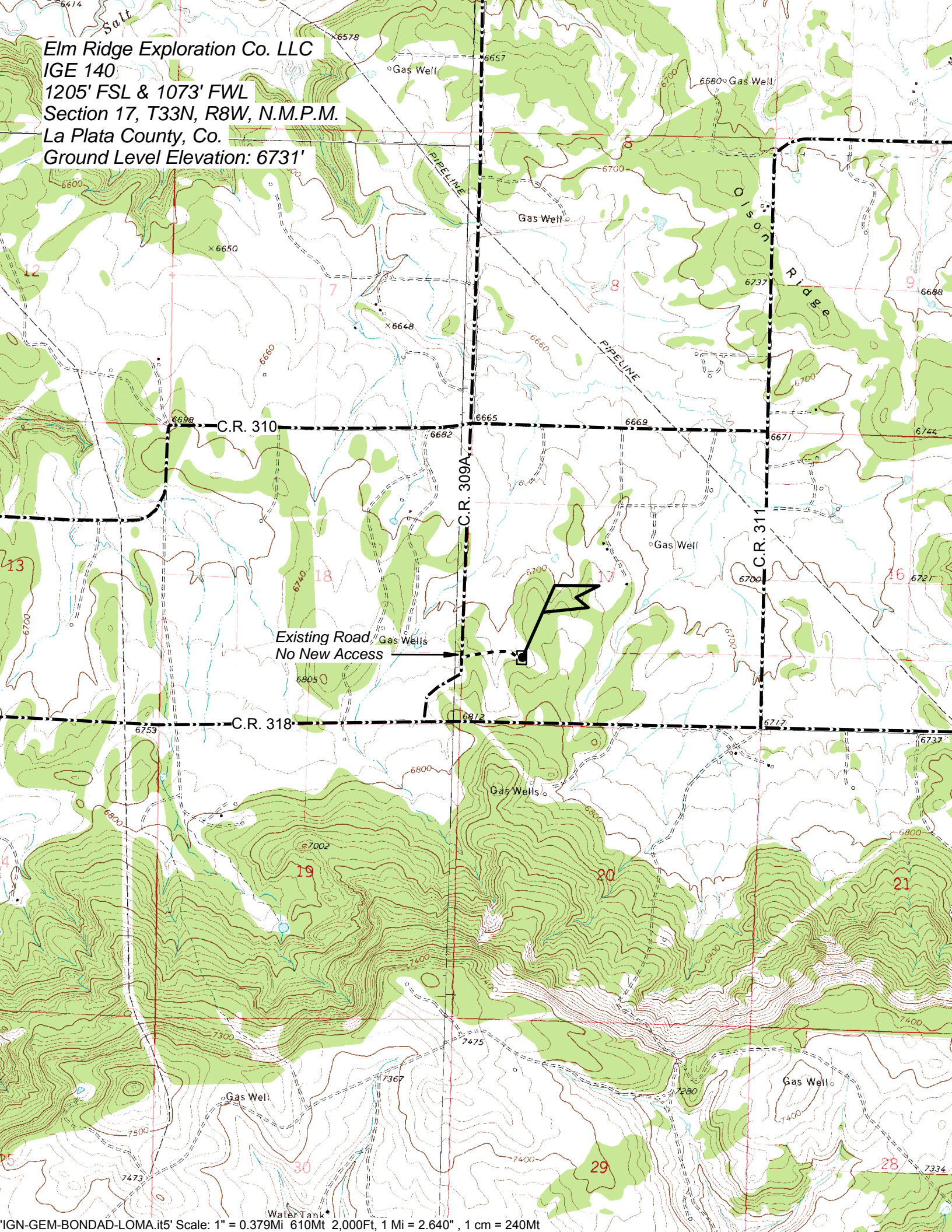
**ELM RIDGE EXPLORATION CO. LLC**

**NORTHSTAR  
SURVEYING & MAPPING, INC.**

75 County Rd. 231  
DURANGO, CO. 81303  
(970) 385-0851



Elm Ridge Exploration Co. LLC  
IGE 140  
1205' FSL & 1073' FWL  
Section 17, T33N, R8W, N.M.P.M.  
La Plata County, Co.  
Ground Level Elevation: 6731'





*Elm Ridge Exploration, LLC.*

**IGE 140**

1205' FSL, 1073' FWL Section 17, T33N, R8W, La Plata County, Co.



Looking North



Looking East



Looking South



Looking West



Access at Well Location



Access at Road

All photos taken on 4/03/08

**Directions from the Intersection of State Hwy 172 & County Road 318 in Ignacio, CO to**

**Elm Ridge Exploration Company, LLC: IGE 140**

**1205' FSL & 1073' FWL, Section 17, T33N, R8W, NMPM, La Plata County, CO**

From the intersection of State Hwy 172 & County Road 318 in Ignacio, Colorado, travel west on County Road 318 for 6.3 miles;

Go right (North) on County Road 309A for 0.3 miles;

Go right (East) on well access road for 0.2 miles to staked location on existing IGE 110 well pad.