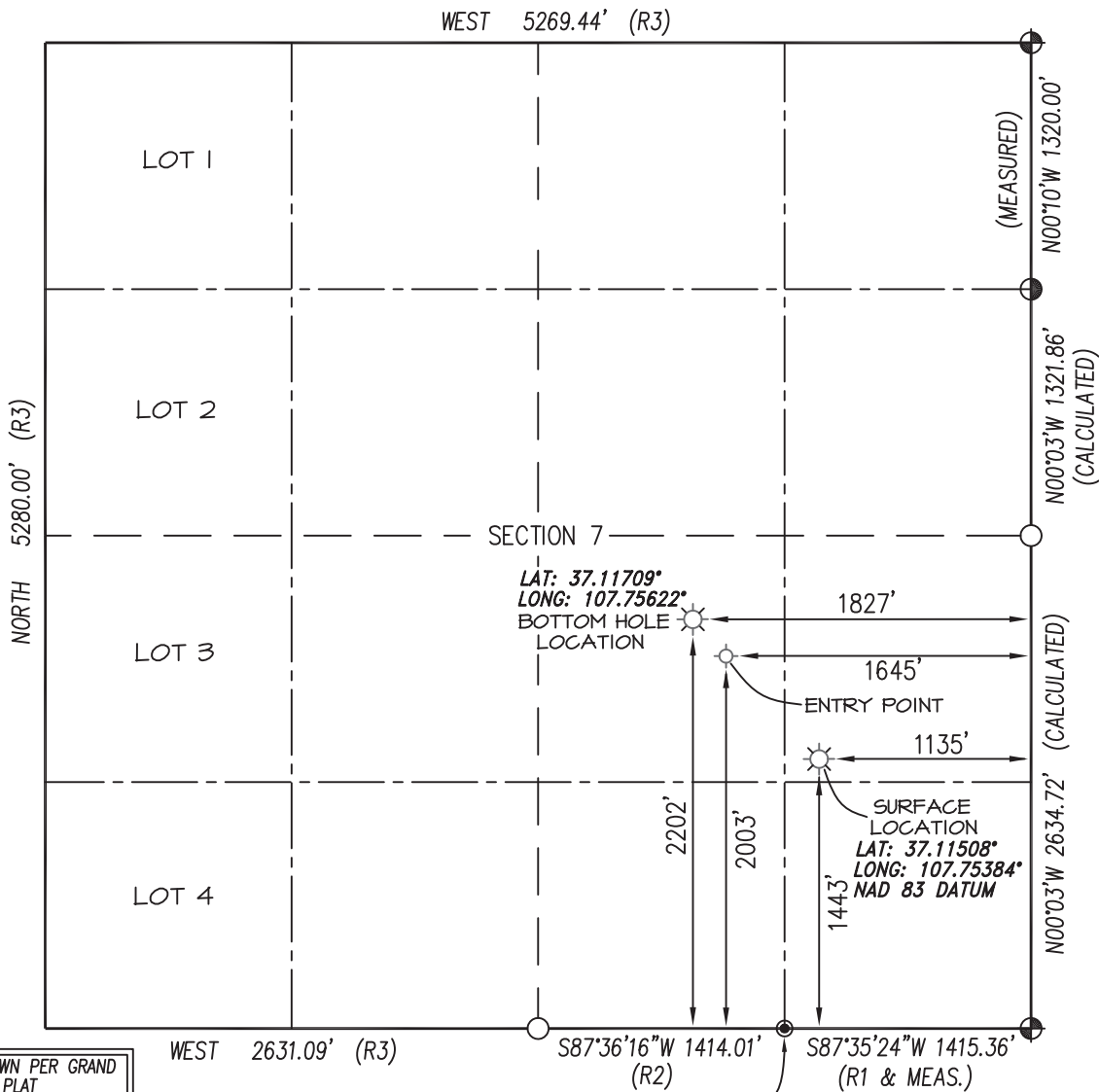


**ELM RIDGE EXPLORATION COMPANY, LLC: IGW 122**

**SURFACE LOCATION: 1443' FSL & 1135' FEL**  
**SEC. 7, T-33-N, R-8-W, N.M.P.M., LA PLATA COUNTY, COLORADO.**  
**GROUND LEVEL ELEVATION: 6649'**

**BOTTOM HOLE LOCATION: 2202' FSL & 1827' FEL**  
**SEC. 7, T-33-N, R-8-W, N.M.P.M., LA PLATA COUNTY, COLORADO.**

GRAPHIC SCALE 1"=1000'  
0 1000 2000



**BASIS OF BEARING:**

NORTH LINE OF 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. 792189 IN LA PLATA COUNTY  
CLERK & RECORDS OFFICE  
REFERENCE BEARING: S 87°35'24\"/>

**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

WEST 2631.09' (R3)

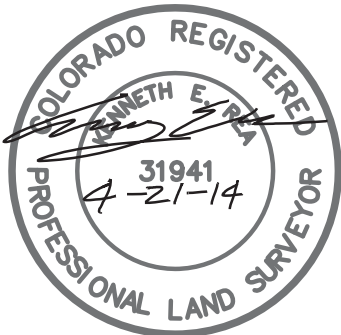
FOUND 1-1/2" ALUM. CAP  
L.S. #12027 - \*42.35'  
OFFSET TO SECTION LINE\*

**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 = 2.18
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.

DRAWN BY: K.R.  
CHECKED BY: K.R.  
FILE NO.: ELM068W  
SURVEYED: 4/17/14  
DRAWN: 4/20/14  
JOB NO.: ELM068

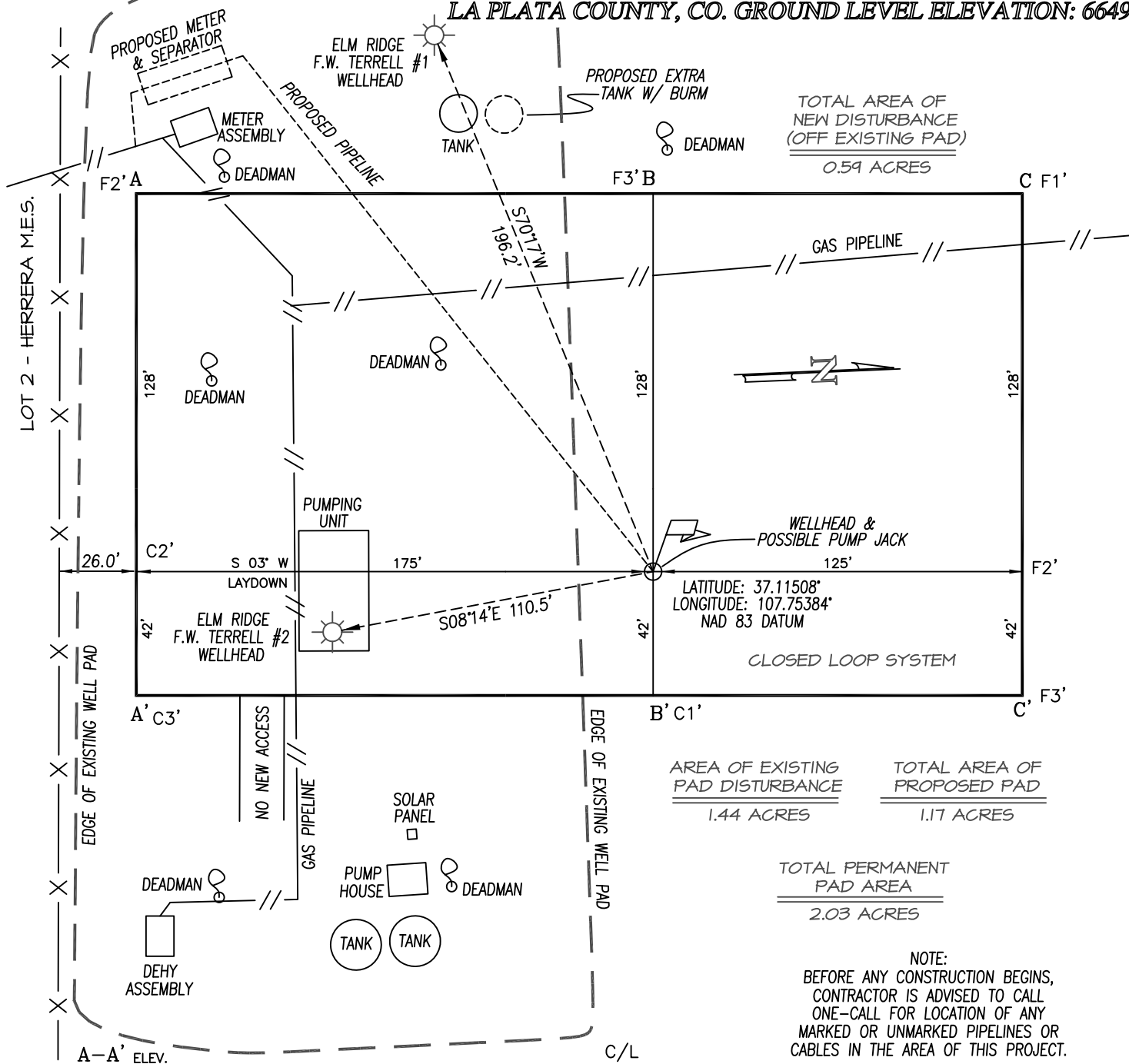
PREPARED FOR:

**ELM RIDGE EXPLORATION CO. LLC**

**NORTHSTAR  
SURVEYING & MAPPING, INC.**

768 County Rd. 308  
DURANGO, CO. 81303  
(970) 385-0851

ELM RIDGE EXPLORATION COMPANY, LLC: IGW 122  
 1443' FSL, 1135' FEL, SECTION 7, T-33-N, R-8-W, N.M.P.M.,  
 LA PLATA COUNTY, CO. GROUND LEVEL ELEVATION: 6649'



A-A' ELEV. C/L

|      |  |  |  |  |
|------|--|--|--|--|
| 6659 |  |  |  |  |
| 6649 |  |  |  |  |
| 6639 |  |  |  |  |

B-B'

|      |  |  |  |  |
|------|--|--|--|--|
| 6659 |  |  |  |  |
| 6649 |  |  |  |  |
| 6639 |  |  |  |  |

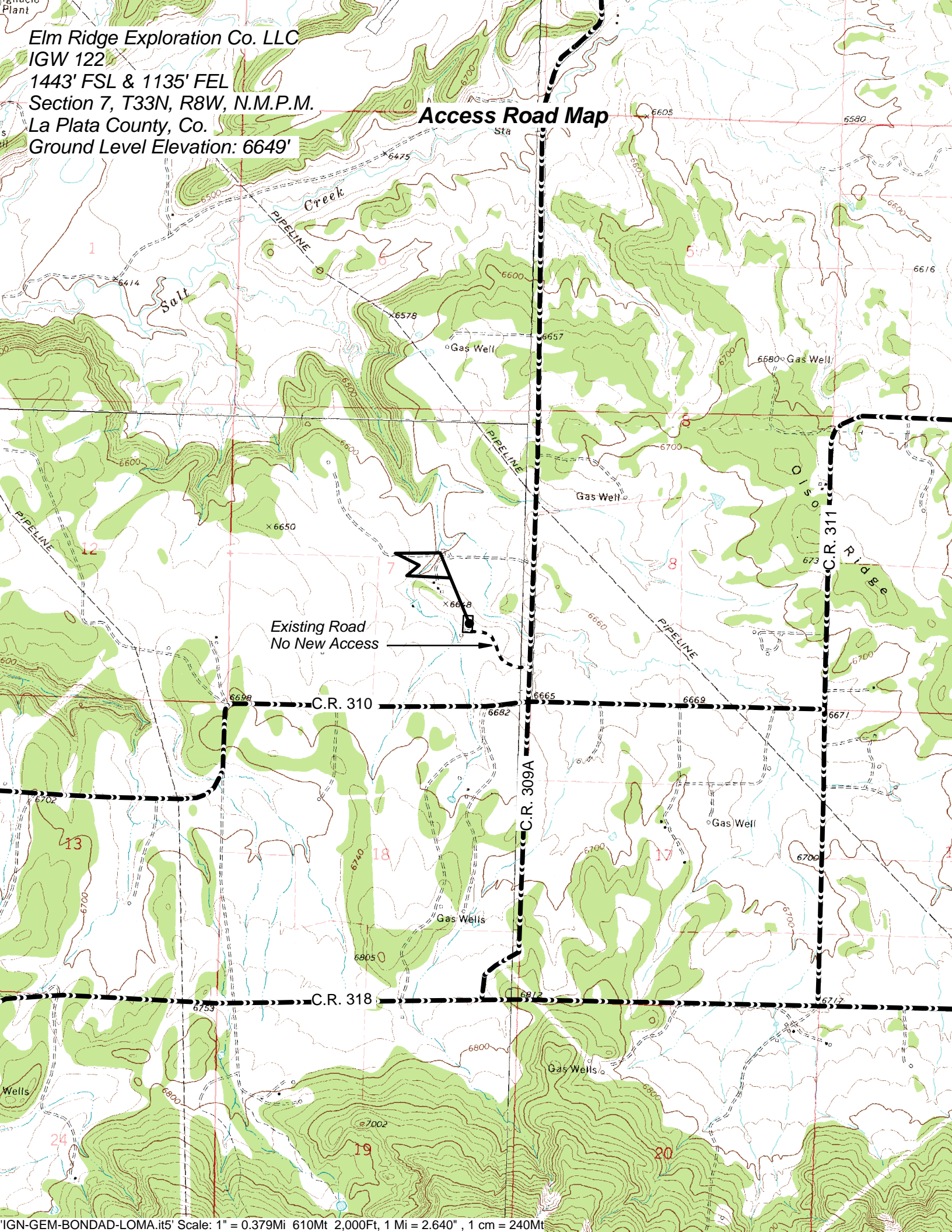
C-C'

|      |  |  |  |  |
|------|--|--|--|--|
| 6659 |  |  |  |  |
| 6649 |  |  |  |  |
| 6639 |  |  |  |  |

Plant

Elm Ridge Exploration Co. LLC  
IGW 122  
1443' FSL & 1135' FEL  
Section 7, T33N, R8W, N.M.P.M.  
La Plata County, Co.  
Ground Level Elevation: 6649'

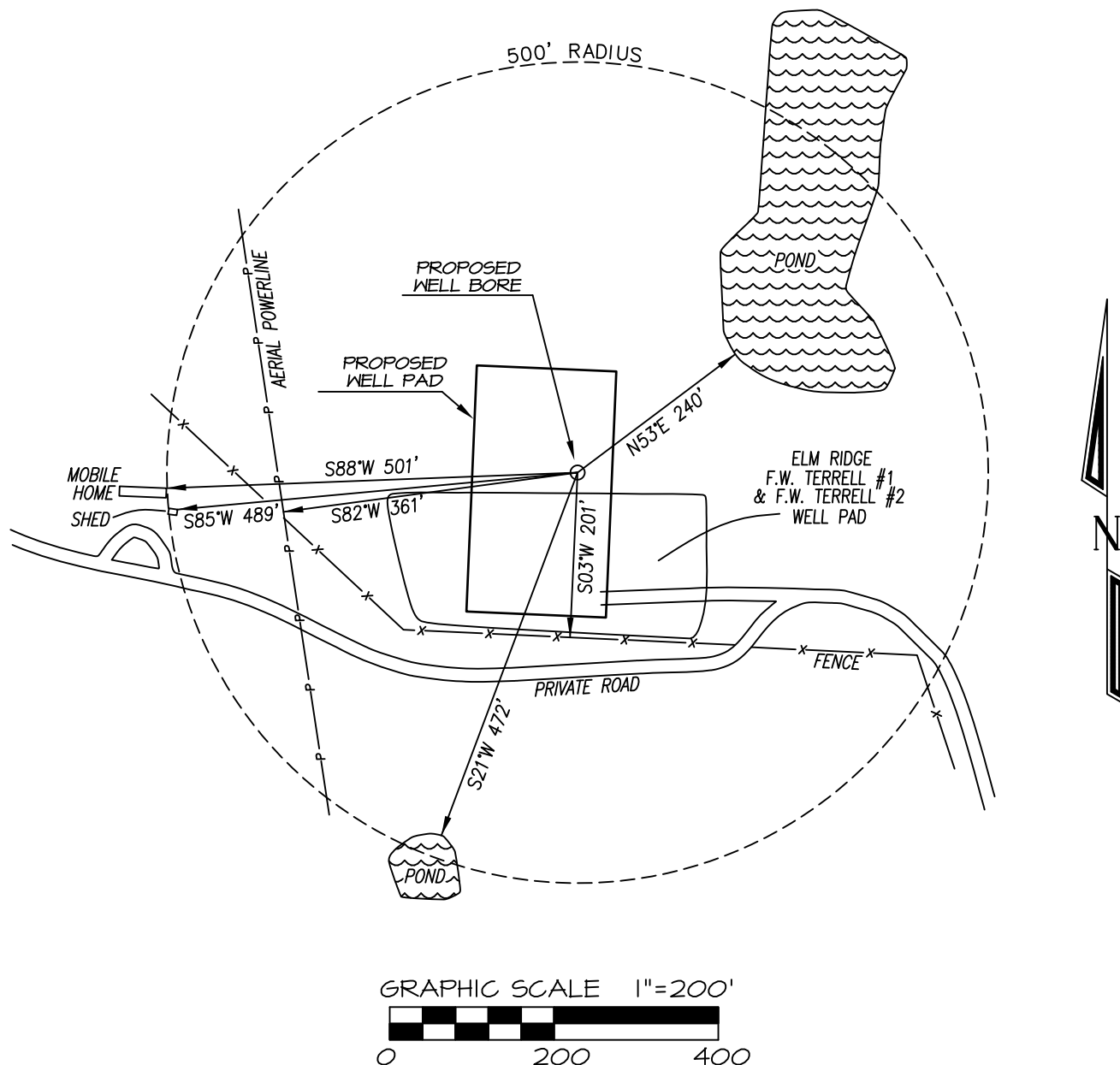
# Access Road Map



ELM RIDGE EXPLORATION COMPANY, LLC: IGW 122  
1443' FSL, 1135' FEL, SECTION 7, T-33-N, R-8-W, N.M.P.M.,  
LA PLATA COUNTY, CO. GROUND LEVEL ELEVATION: 6649'

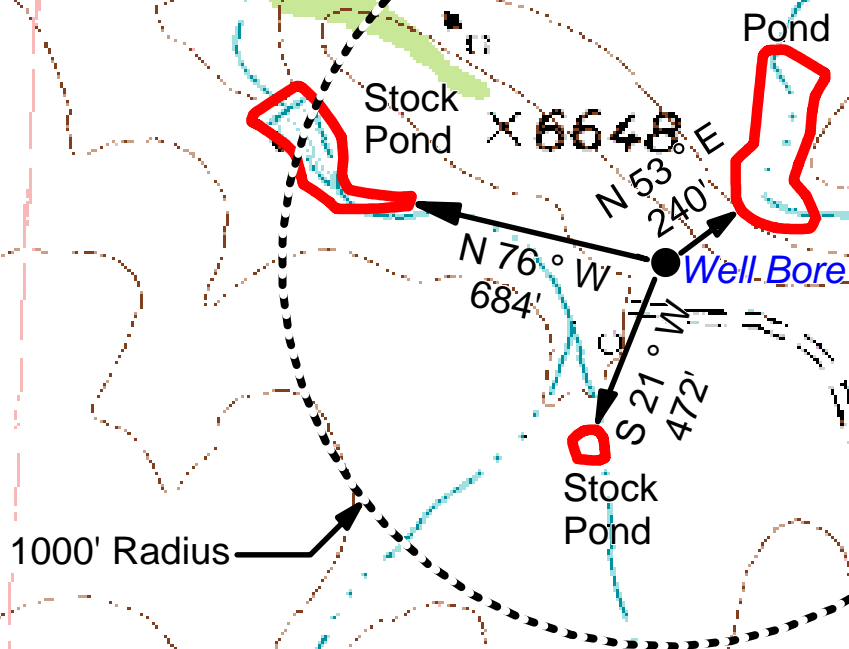
### 500' RADUIS VISIBLE IMPROVEMENT DETAIL

SURFACE USE = DRY GRASSLAND



Elm Ridge Exploration Co. LLC  
IGW 122  
1443' FSL & 1135' FEL  
Section 7, T33N, R8W, N.M.P.M.  
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## Surface Water Detail





*Elm Ridge Exploration, LLC*

**IGW 122**

1443' FSL, 1135' FEL Section 7, 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 4/17/13

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

**Elm Ridge Exploration, LLC: IGW 122**

**1443' FSL & 1135' FEL, Section 7, 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 1.2 miles;

Go left (West) on dirt road for 0.3 miles to staked location on existing F.W. Terrell Gas Unit #2 well pad.