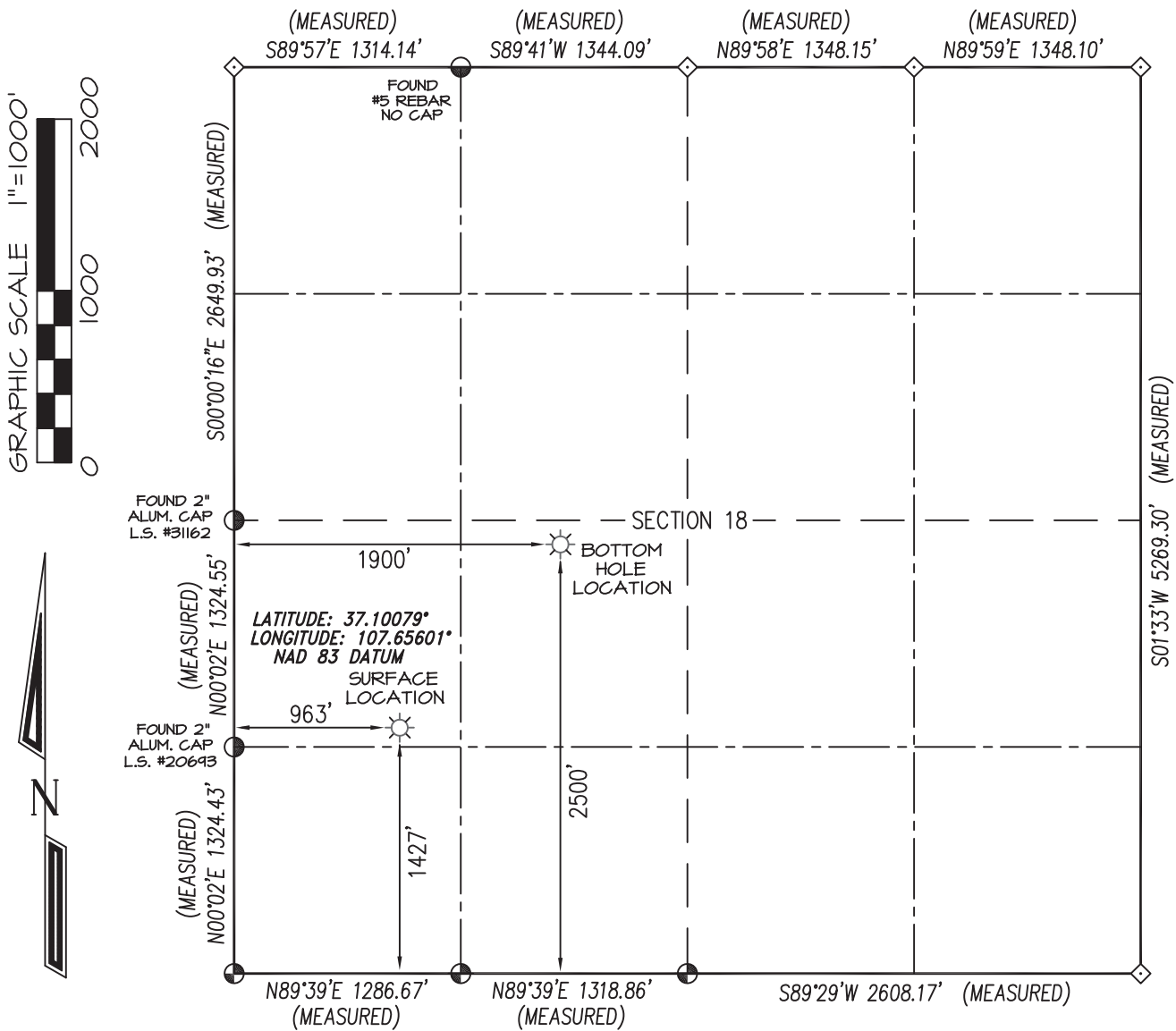


# ELM RIDGE EXPLORATION COMPANY, LLC: IGE 118

SURFACE LOCATION: 1427' FSL & 963' FWL  
SEC. 18, T-33-N, R-7-W, N.M.P.M., LA PLATA COUNTY, COLORADO.  
GROUND LEVEL ELEVATION: 6537'

BOTTOM HOLE LOCATION: 2500' FSL, 1900' FWL  
SEC. 18, T-33-N, R-7-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°19'.

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'

◇ denotes found 3-1/4" B.L.M.  
Aluminum Cap

⊙ denotes position determined from found  
Reference Markers & magnetic locator.

## 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 NO DWELLING STRUCTURES WITHIN 450' OF THE WELL BORE LOCATION.
4. THERE ARE NO PUBLIC ROADS OR PROPERTY BOUNDARY LINES WITHIN 150' OF THE WELL BORE LOCATION.
5. WELL GPS OBSERVATION PERFORMED BY SCOTT WEIBE ON DATE OF SURVEY - PDOP VALUE = 1.93
6. THIS EXHIBIT IS INTENDED TO DEPICT THE PROPOSED WELL LOCATION AND DOES NOT REPRESENT A MONUMENTED BOUNDARY SURVEY.

BHL REVISION: 1/25/08

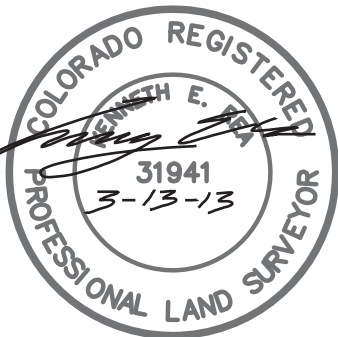
DRAWN BY: K.R.	SURVEYED: 12/8/06
CHECKED BY: K.R.	DRAWN: 1/21/07
FILE NO: ELM0631WF	JOB NO: ELM063

PREPARED FOR:

**ELM RIDGE EXPLORATION CO. LLC**

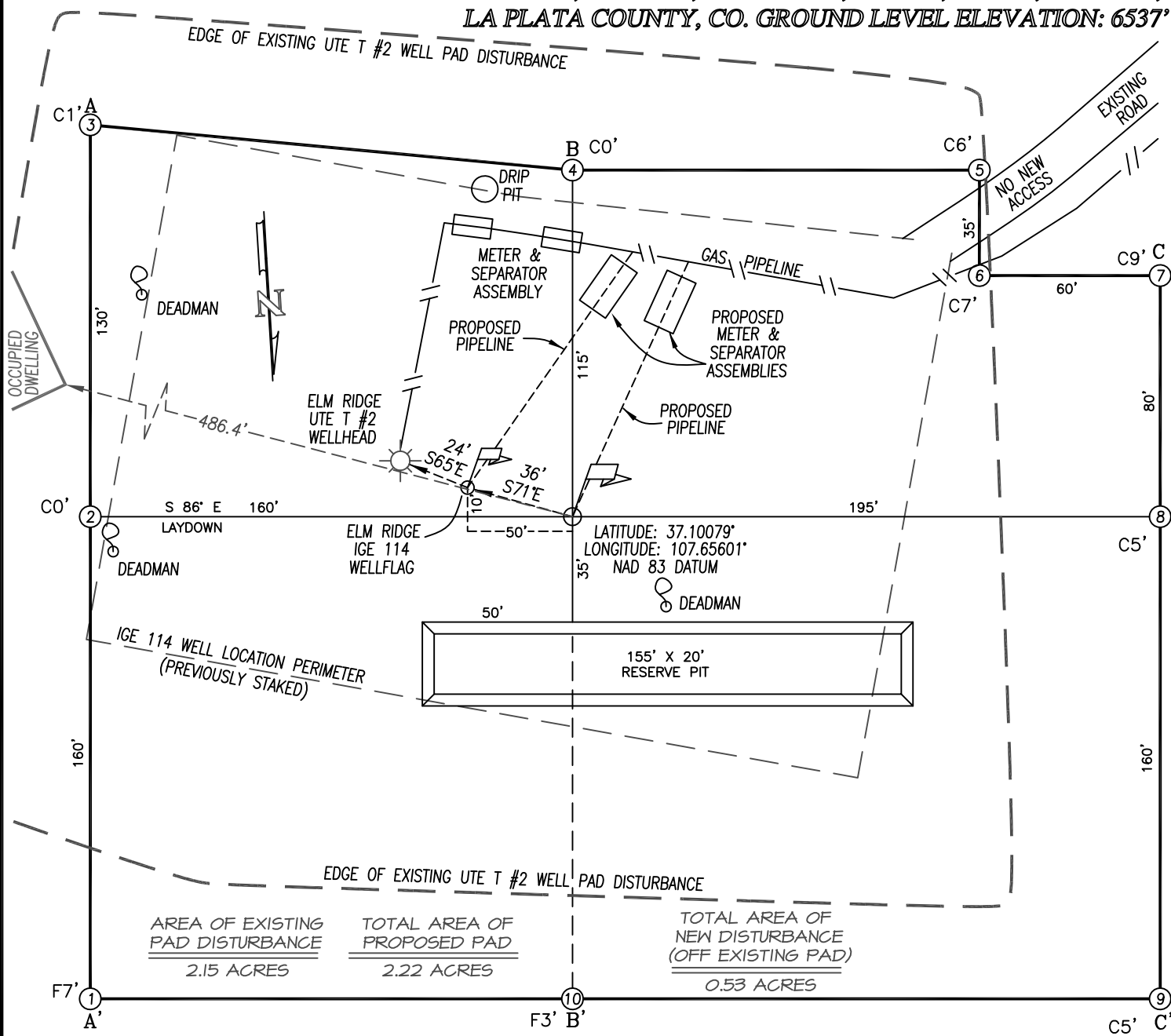
**NORTHSTAR  
SURVEYING & MAPPING, INC.**

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



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.

**ELM RIDGE EXPLORATION COMPANY, LLC: IGE 118  
1427' FSL, 963' FWL, SECTION 18, T-33-N, R-7-W, N.M.P.M.,  
LA PLATA COUNTY, CO. GROUND LEVEL ELEVATION: 6537'**



A-A' ELEV.

C/L

6547	.....	.....	.....	.....	.....
6537	.....	.....	.....	.....	.....
6527	.....	.....	.....	.....	.....

B-B'

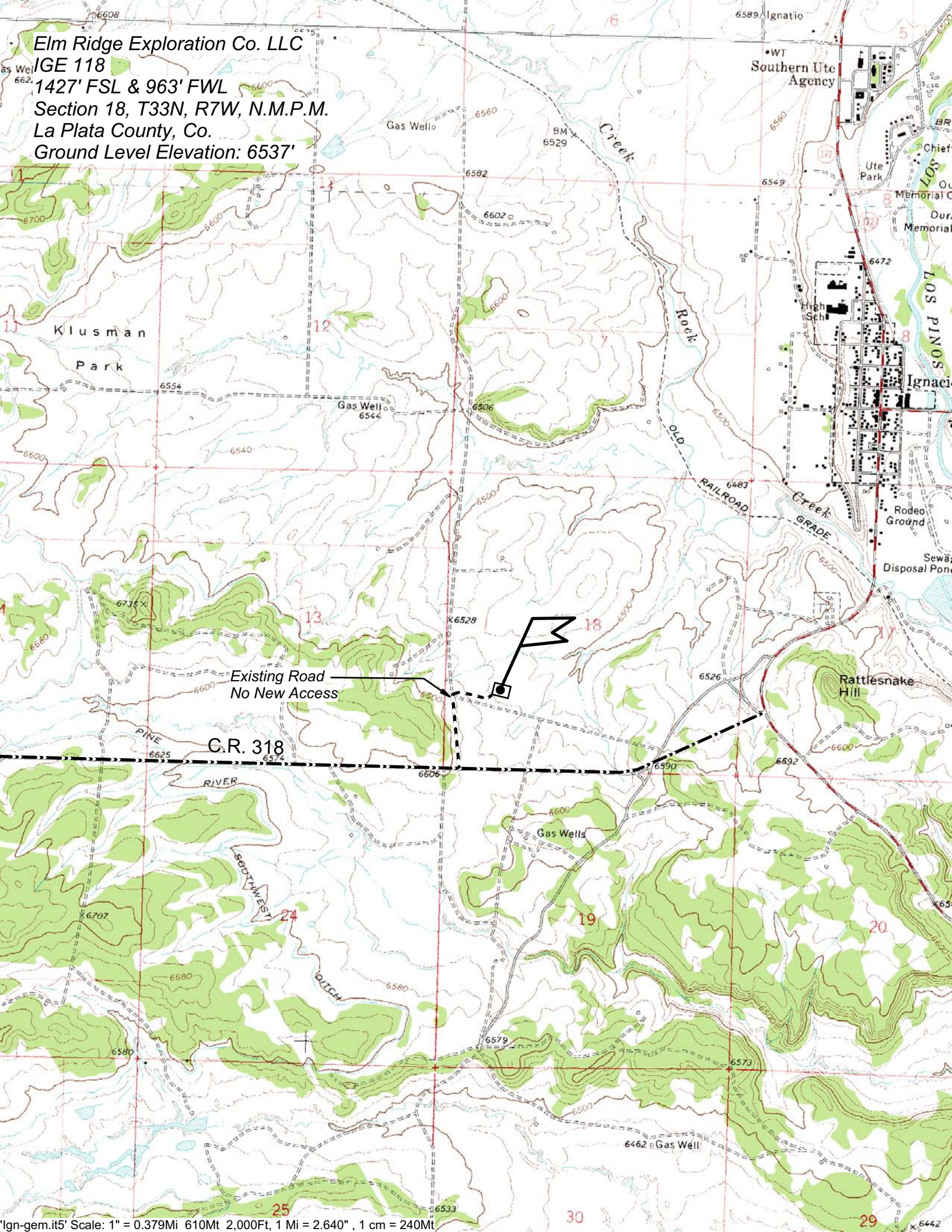
[illegible]
$$C-C'$$

6547					
6537					
6527					

SCALE: 1" = 50'

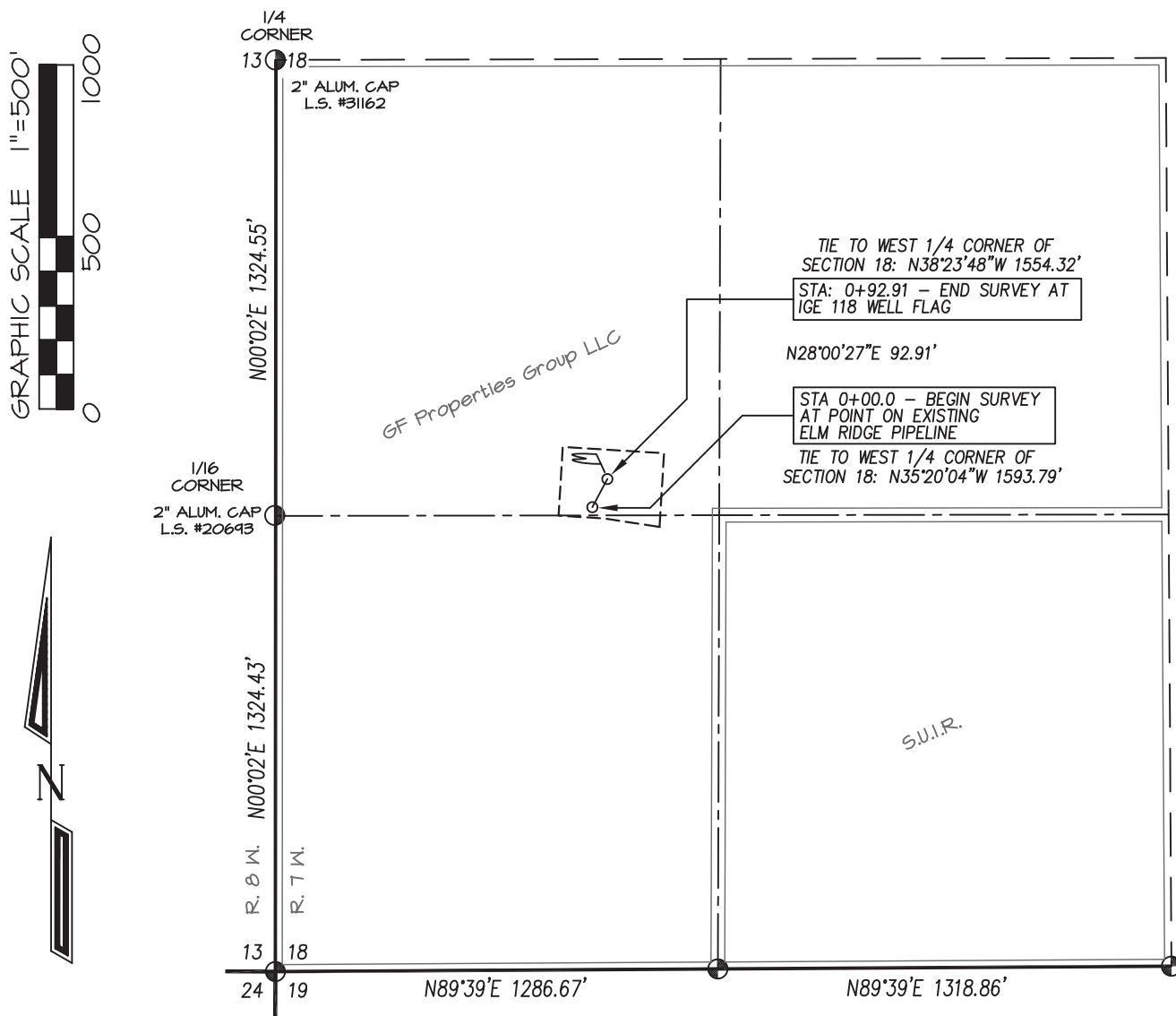


Elm Ridge Exploration Co. LLC  
IGE 118  
1427' FSL & 963' FWL  
Section 18, T33N, R7W, N.M.P.M.  
La Plata County, Co.  
Ground Level Elevation: 6537'





**ELM RIDGE EXPLORATION COMPANY, LLC: IGE 118  
PROPOSED PIPELINE SURVEY LOCATED IN THE NW/4 SW/4 OF SECTION 18,  
T33N, R7W, N.M.P.M., LA PLATA COUNTY, COLORADO**



SURFACE OWNERSHIP	STATION	FEET/RODS
GF Properties Group LLC	0+00.0 TO 0+92.91	92.91 / 5.63



⊕ denotes position determined from found Reference Markers & magnetic locator

**BASIS OF BEARING:**

REAL-TIME KINEMATIC GPS SURVEY  
SOLUTION OF CO SOUTH STATE  
PLANE (NAD 83) COORDINATE GRID  
WITH AN APPLIED ROTATION OF -1°19'.

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: D.H.	SURVEYED: 12/8/06	PREPARED FOR:
CHECKED BY: K.R.	DRAWN: 1/26/07	<b>ELM RIDGE EXPLORATION CO., LLC</b>
FILE NO.: ELM63PL	JOB NO. ELM063	
<b>NORTHSTAR SURVEYING &amp; MAPPING, INC.</b> 75 County Rd. 231 DURANGO, CO. 81303 (970) 385-0851		

**Elm Ridge Exploration Company, LLC: IGE 118 – Pipeline Easement**

**LEGAL DESCRIPTION**

A pipeline easement being forty feet (40') wide located in the Northwest Quarter of the Southwest Quarter of Section 18, Township 33 North, Range 7 West, N.M.P.M., La Plata County, Colorado. Said easement lying twenty feet (20') on each side of the following described centerline:

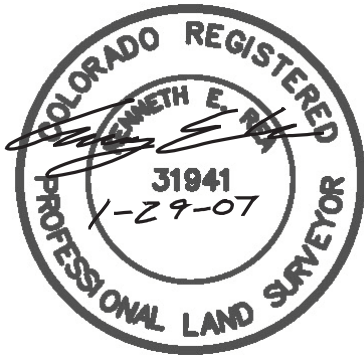
Beginning at a point on an existing Elm Ridge pipeline, whence the West 1/4 Corner of said Section 18, being a 2" aluminum cap L.S. #31162 bears N35°20'04"W a distance of 1593.79 feet,

Thence: N28°00'27"E a distance of 92.91 feet, ending at Elm Ridge Exploration Co. LLC IGE 118 well flag, whence the West 1/4 Corner of Section 18, bears N38°23'48"W a distance of 1554.32 feet.

Described easement being 92.91 feet in length.

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

KENNETH E. REA P.L.S. #31941



*Elm Ridge Resources, Inc.*

IGE 118

1427' FSL, 963' FWL Section 18, T33N, R7W, La Plata County, Co.



Looking North



Looking East



Looking South



Looking West



Access at Well Location



Access at Road

All photos taken 12/8/2006

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

**Elm Ridge Exploration Co. LLC: IGE 118**

**1427' FSL & 963' FWL, Section 18, T33N, R7W, 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 1.1 miles;

Go right (North) on J Road for 0.3 miles;

Go right (East) on dirt road for 0.1 miles to staked location on existing Ute T #2 well pad.