

*T5N, R61W, 6th P.M.*

- 2006 Alum. Cap,  
#7735,  
Flush W/ Ground  
Lat: 40.437633°  
Long: 104.184992°

2012 Alum. Cap,  
#38307,  
0.8' Below Ground  
Lat: 40.437807°  
Long: 104.165684

The diagram shows a circular well layout with a dashed outer boundary. A vertical dashed line represents the well axis. Two horizontal solid lines intersect this axis. The upper intersection is marked with a circle containing a cross, labeled "Target Bottom Hole". The lower intersection is marked with a diamond containing a cross, labeled "Ending Prod. Interval". A vertical double-headed arrow on the right side of the axis indicates a distance of 460' between the two horizontal lines. Horizontal dimension lines are shown on both sides of the axis. For the "Target Bottom Hole", the distance to the left is 3848' and to the right is 1527'. For the "Ending Prod. Interval", the distance to the left is 3848' and to the right is 1526'. A vertical dimension line on the left side of the axis indicates a distance of 360' from the top of the diagram to the "Target Bottom Hole". A label "L3" is placed on the axis between the two horizontal lines.

2006 Alum. Cap,  
#7735, 2.7'  
Below Ground  
Lat: 40.423153°  
Long: 104.185047°

$S89^{\circ}06'55''W - 5357.12' (Meas.)$

2017 Alum. Cap,  
#38458, 1.2'  
Below Ground  
Lat: 40.423243°  
Long: 104.165813°

$N00^{\circ}05'46''W - 5346.75' (Meas.)$

N00°01'03"E - 5333.03' (Meas.)

GROTHEER 5-61  
11B-2-3  
Elev. Ungraded  
Ground = 4690.1'

Beg. Prod. Interval

1996 Alum. Cap,  
#13895,  
Flush W/ Ground  
Lat: 40.408482°  
Long: 104.185192°

588°58'00"W - 5346.76' (Meas.)

Iron Pipe, Center  
of 2-Track  
Lat: 40.408609°  
Long: 104.165999°

**PDOP = 1.3**

| BEG. PROD. INTERVAL<br>460' FSL 3898' FWL 1449' FEL | ENDING PROD. INTERVAL<br>460' FNL 3848' FWL 1526' FEL | TARGET BOTTOM HOLE<br>360' FNL 3848' FWL 1527' FEL |
|---|---|--|
| NAD 83 (BEG. PROD. INTERVAL)                        | NAD 83 (ENDING PROD. INTERVAL)                        | NAD 83 (TARGET BOTTOM HOLE)                        |
| LATITUDE = 40°24'35.42" (40.409838°)                | LATITUDE = 40°26'11.38" (40.436496°)                  | LATITUDE = 40°26'12.37" (40.436770°)               |
| LONGITUDE = 104°10'16.27" (104.171185°)             | LONGITUDE = 104°10'16.24" (104.171177°)               | LONGITUDE = 104°10'16.23" (104.171176°)            |
| NAD 27 (BEG. PROD. INTERVAL)                        | NAD 27 (ENDING PROD. INTERVAL)                        | NAD 27 (TARGET BOTTOM HOLE)                        |
| LATITUDE = 40°24'35.48" (40.409855°)                | LATITUDE = 40°26'11.44" (40.436512°)                  | LATITUDE = 40°26'12.43" (40.436787°)               |
| LONGITUDE = 104°10'14.44" (104.170679°)             | LONGITUDE = 104°10'14.42" (104.170671°)               | LONGITUDE = 104°10'14.41" (104.170670°)            |
| STATE PLANE NAD 83 (CO. NORTH)                      | STATE PLANE NAD 83 (CO. NORTH)                        | STATE PLANE NAD 83 (CO. NORTH)                     |
| N: 1394916.69' E: 3370021.19'                       | N: 1404627.18' E: 3369877.83'                         | N: 1404727.15' E: 3369876.63'                      |
| STATE PLANE NAD 27 (CO. NORTH)                      | STATE PLANE NAD 27 (CO. NORTH)                        | STATE PLANE NAD 27 (CO. NORTH)                     |
| N: 394917.99' E: 2370171.78'                        | N: 404628.15' E: 2370028.36'                          | N: 404728.12' E: 2370027.17'                       |

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE THAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION, AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 28285  
STATE OF COLORADO  
02-27-19

REV: 1 02-27-19 C.IVIE (SL & BPI MOVE)

**BASIS OF BEARINGS**  
TRANSVERSE MERCATOR PROJECTION WITH  
A CENTRAL MERIDIAN OF  $W105^{\circ}00'00''$ .

**BASIS OF ELEVATION**  
OPUS SOLUTION GENERATED NAVD 88



**UELS, LLC**  
Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017



## BISON OIL & GAS II

**GROTHER 5-61 11B-2-3**  
**SE 1/4 SE 1/4, SECTION 11, T5N, R61W, 6th P.M.**  
**WELD COUNTY, COLORADO**

|                    |                     |          |              |
|--------------------|---------------------|----------|--------------|
| <b>SURVEYED BY</b> | RYAN WILLIAMS, O.R. | 02-18-19 | <b>SCALE</b> |
| <b>DRAWN BY</b>    | K.B.                | 02-19-19 | 1" = 1000'   |

## WELL LOCATION PLAT