

*T1N, R66W, 6th P.M.*

LEGEND:

- L = 90° SYMBOL  
 ● = PROPOSED WELLHEAD.  
 ○ = TARGET BOTTOM HOLE.  
 ◆ = ENTRY POINT.  
 ▲ = SECTION CORNERS  
 LOCATED. (NAD 83)  
 △ = SECTION CORNERS  
 RE-ESTABLISHED.  
 (Not Set on Ground.)  
 (NAD 83)

| LINE TABLE |             |         |
|------------|-------------|---------|
| LINE       | DIRECTION   | LENGTH  |
| L1         | S22°07'36"E | 2122.19 |

33

OTTESEN LE  
09-364HC  
Elev. Ungraded  
Ground = 5081.7'

S 1/4 Cor. Sec. 34,  
2013 Alum. Cap,  
#38345  
Lat: 40.000483°  
Long: 104.763247°

T1N WELD COUNTY  
T1S ADAMS COUNTY

## BASIS OF BEARINGS

### BASIS OF BEARINGS IS A G.P.S. OBSERVATION

### BASIS OF ELEVATION

USGS COOPERATIVE BASE NETWORK CONTROL STATION,  
DESIGNATION "JR 53 5026". NGS DATA SHEET LISTS THE NAVD 88  
ELEVATION AS BEING 5028 FEET.

**PDOP = 1.2**

**NAD 83 (SURFACE LOCATION)**  
LATITUDE = 40°00'16.56" (04.004600)  
LONGITUDE = 104°46'39.46" (104.77762)

**NAD 27 (SURFACE LOCATION)**  
LATITUDE = 40°00'16.62" (04.004617)  
LONGITUDE = 104°46'37.56" (104.77710)

**NAD 83 (ENTRY POINT)**  
LATITUDE = 39°59'57.12" (39.999200)  
LONGITUDE = 104°46'29.77" (104.77479)

**NAD 27 (ENTRY POINT)**  
LATITUDE = 39°59'57.17" (39.999214)  
LONGITUDE = 104°46'27.37" (104.77426)

**NAD 83 (TARGET BOTTOM HOLE)**  
LATITUDE = 39°58'25.14" (39.973650)  
LONGITUDE = 104°46'28.64" (104.77462)

**NAD 27 (TARGET BOTTOM HOLE)**  
LATITUDE = 39°58'25.20" (39.973667)  
LONGITUDE = 104°46'26.57" (104.77409)

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CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT 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

REV: 1 07-11-16 C.C. (SHL CHANGE)

**GREAT WESTERN OPERATING COMPANY**

**OTTESEN LE 09-364HC**  
**NW 1/4 SE 1/4, SECTION 33, T1N, R66W, 6th P.M.**  
**WELD COUNTY, COLORADO**



**UINTAH**  
ENGINEERING & LAND SURVEYING

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

|                                   |                      |
|-----------------------------------|----------------------|
| SURVEYED BY: DALLAS NIELSEN, C.M. | DATE: 06-30-16       |
| DRAWN BY: K.B.                    | DATE DRAWN: 11-11-15 |
| SCALE: 1" = 1000'                 |                      |

## WELL LOCATION PLAT