

**LEGEND:**

- = 90° SYMBOL
- = PROPOSED WELLHEAD.
- = TARGET BOTTOM HOLE.
- = ENTRY POINT
- = SECTION CORNERS LOCATED.

**T6N, R67W, 6th P.M.**

1994 Alum. Cap  
0.6' Below Ground  
Lat: 40.509000°  
Long: 104.888800°

1997 Alum. Cap  
0.5' Below Ground  
Lat: 40.508986°  
Long: 104.879450°

2000 Alum. Cap  
0.5' Below Ground  
Lat: 40.508975°  
Long: 104.870100°

N89°40'11"E - 2600.42' (Meas.)

N89°38'53"E - 2600.42' (Meas.)

N00°03'59"E - 2705.42' (Meas.)

N00°08'59"W - 2702.46' (Meas.)

S00°20'54"E - 2686.72' (Meas.)

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S48°19'51"E	187.96'

1994 Alum. Cap  
0.6' Below Ground  
Lat: 40.501575°  
Long: 104.888883°

2005 Alum. Cap,  
#9644, Flush W/  
Ground  
Lat: 40.501572°  
Long: 104.884189°

2003 Alum. Cap  
Flush W/ Ground  
Lat: 40.501603°  
Long: 104.879500°

1997 Alum. Cap  
0.8' Below Ground  
Lat: 40.501603°  
Long: 104.870117°

S89°36'46"W  
1306.24' (Meas.)S89°35'55"W  
1304.39' (Meas.)

S89°18'11"W - 2609.84' (Meas.)

De TIENNE FD 10

10-242HN

Elev. Graded

Ground = 4838.8'

Entry Point

2152'

2025'

460'

320'

L1

1993 Alum Cap  
0.1' Below Ground  
Lat: 40.494111°  
Long: 104.888919°

1993 Alum. Cap  
0.8' Below Ground  
Lat: 40.494156°  
Long: 104.879547°

1995 Alum. Cap  
0.8' Below Ground  
Lat: 40.494197°  
Long: 104.870133°

PDOP = 1.6

**NAD 83 (TARGET BOTTOM HOLE)**

LATITUDE = 40°29'59.09" (40.499747)  
LONGITUDE = 104°52'18.52" (104.871811)

**NAD 27 (TARGET BOTTOM HOLE)**

LATITUDE = 40°29'59.16" (40.499767)  
LONGITUDE = 104°52'16.62" (104.871283)

**NAD 83 (ENTRY POINT)**

LATITUDE = 40°29'58.83" (40.499675)  
LONGITUDE = 104°53'14.06" (104.887239)

**NAD 27 (ENTRY POINT)**

LATITUDE = 40°29'58.90" (40.499694)  
LONGITUDE = 104°53'12.16" (104.886711)

NAD 83 (SURFACE LOCATION)
LATITUDE = 40°30'00.08" (40.500022)
LONGITUDE = 104°53'15.87" (104.887742)
NAD 27 (SURFACE LOCATION)
LATITUDE = 40°30'00.14" (40.500039)
LONGITUDE = 104°53'13.97" (104.887214)

**BASIS OF BEARINGS**

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

**BASIS OF ELEVATION**

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

**GREAT WESTERN OIL & GAS COMPANY**

De TIENNE FD 10-242HN  
NW 1/4 SW 1/4, SECTION 10, T6N, R67W, 6th P.M.  
WELD COUNTY, COLORADO

SURVEYED BY: DALAS NEILSEN	DATE: 10-17-14
DRAWN BY: J.W.	DATE DRAWN: 05-22-14
SCALE: 1" = 1000'	REVISED: 10-18-14

**WELL LOCATION PLAT**