

Federal RU 344-8

T. 7 S.

8

**BOTTOM HOLE LOCATION**

1281 FSL, 1309 FEL

Lat.: 39.456300°

Long.: -107.792996°

N.: 1599257.1 (COSP)

E.: 2352619.3 (COSP)

Triumph No. 28

Triumph No. 29

Triumph No. 12

**SURFACE HOLE LOCATION**

992 FNL, 2211 FEL

Lat.: 39.450065°

Long.: -107.795962°

N.: 1597007.8 (COSP)

E.: 2351724.6 (COSP)

Triumph No. 11

17

Triumph No. 10

Triumph No. 9

1947 GLO Brass Cap  
Lat.: 39.459995°  
Long.: 107.788498°

1947 GLO Brass Cap  
Lat.: 39.452774°  
Long.: 107.788221°

1992 BLM Alum Cap  
Lat.: 39.445580°  
Long.: 107.787973°

1992 BLM Alum Cap  
Lat.: 39.441945°  
Long.: 107.787849°

1948 GLO Brass Cap  
Lat.: 39.460014°  
Long.: 107.806728°

Alum Cap LS#27925  
Lat.: 39.456420°  
Long.: 107.806652°

1948 GLO Brass Cap  
Lat.: 39.452826°  
Long.: 107.806575°

1948 GLO Brass Cap  
Lat.: 39.452791°  
Long.: 107.797394°

1948 GLO Brass Cap  
Lat.: 39.445633°  
Long.: 107.806237°

1948 GLO Brass Cap  
Lat.: 39.438428°  
Long.: 107.805904°

1947 GLO Brass Cap  
Lat.: 39.438378°  
Long.: 107.796810°

1947 GLO Brass Cap  
Lat.: 39.438329°  
Long.: 107.787724°

N 00°15'48" W  
2631.50'

N 00°04'48" W  
2628.53'

R. 93 W.

N 00°05'21" W  
1317.18'

N 00°05'12" W  
1317.30'

N 00°30'43" E  
1309.12'

N 00°30'05" E  
1309.23'

N 88°16'14" W  
2592.30'

N 00°37'55" W  
2621.53'

N 00°35'40" W  
2625.85'  
(BASIS OF BEARING)

N 88°16'14" W  
2592.30'

N 88°24'49" W  
2590.35'

N 88°08'09" W  
2568.45'

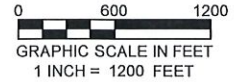
N 88°09'42" W  
2566.27'

2421'

992'

2211'

Lease Boundary



THERE ARE NO VISIBLE IMPROVEMENTS WITHIN 500' OF THIS LOCATION

EXIST. GROUND ELEV.: 7863.7  
PROPOSED PAD ELEV.: 7858.8

**REFERENCES**

- 1) RE-SURVEY T. 7 S., R. 93 W., 6th P.M (BLM PLAT)
- 2) U.S.G.S. QUAD: North Mamm Peak, CO

**- LEGEND -**

FIELD LOCATED SECTION MONUMENTS AS DESCRIBED



FIELD SURVEYED WELL LOCATION



CALCULATED BOTTOM HOLE LOCATION



CALCULATED SECTION CORNER LOCATION



**NOTES**

- 1) ELEVATIONS BASED ON N.A.V.D. 1988 PUBLISHED COORDINATES.
- 2) LATITUDES AND LONGITUDES ARE BASE ON NAD 83, PUBLISHED COORDINATES
- 3) STATE PLANE COORDINATES ARE BASED ON COLORADO CENTRAL ZONE, U.S. SURVEY FEET.
- 4) ELEVATION MASK SET TO 15°
- 5) GPS OPERATOR J. KIRKPATRICK, OBSERVED A PDOP 2.58 ON SURVEY POINT NUMBER 388.
- 6) SURFACE AND BOTTOM HOLE LOCATIONS ARE MEASURED 90° FROM SECTION LINES.

**WELL LOCATION PLAT Prepared for:**



TEP Rocky Mountain LLC

NW1/4 NE1/4, SECTION 17  
T. 7 S., R. 93 W. of the 6th. P.M.  
GARFIELD COUNTY, COLORADO

**SURVEYORS STATEMENT**

I, MICHAEL J. LANGHORNE, A REGISTERED LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY THAT THE SURVEY SHOWN HEREON WAS PREPARED UNDER MY DIRECT SUPERVISION AND HAS BEEN STAKED ON THE GROUND AS SHOWN ON THE PLAT AND CHECKING THAT THIS MAP IS A TRUE REPRESENTATION THEREOF.

*Michael J. Langhorne*

MICHAEL J. LANGHORNE, COLORADO REGISTRATION NO. 36572  
FOR AND ON BEHALF OF

BOOKCLIFF SURVEY SERVICES, INC.

REVISED: 4/05/19

SURVEY DATE: 1/14/14

MAP DATE: 6/9/16

SCALE: 1" = 1200'

PLAT: 1 of 1

PROJECT: TEP Valley

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625-2720 Fax (970)  
625-2773



**BOOKCLIFF**  
Survey Services, Inc.