

# Federal PA 413-24

T. 6 S.

N 88°28'34" W

5241.14'

1921 GLO Brass Cap  
Lat.: 39.517607°  
Long.: 107.956808°

1913 GLO Brass Cap  
Lat.: 39.517612°  
Long.: 107.938230°

EXISTING GROUND ELEV.: 5363.7  
PROPOSED PAD ELEV.: 5371.2

N 02°51'07" E  
2637.48'

2634.47'  
N 01°33'04" E

## BOTTOM HOLE LOCATION

1776 FSL, 782 FWL

Lat.: 39.508035°

Long.: -107.954236°

N.: 1619283.6 (COSP)

E.: 2307616.1 (COSP)

1921 GLO Brass Cap  
Lat.: 39.510368°  
Long.: 107.957020°

1913 GLO Brass Cap  
Lat.: 39.510379°  
Long.: 107.938232°

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## SURFACE HOLE LOCATION

942 FSL, 1641 FEL

Lat.: 39.505742°

Long.: -107.944053°

N.: 1618371.2 (COSP)

E.: 2310465.7 (COSP)

N 01°19'54" E  
2625.14'

2632.86'  
N 01°35'19" E  
(BASIS OF BEARING)

LOT 2

LOT 3

LOT 4

LOT 5

SW Corner Section 24  
NW Corner Section 25  
Point Established  
from 1921 Survey Notes

N 88°30'51" W  
161.70'

(Record)

N 88°24'51" W

5127.54'

THERE ARE NO VISIBLE  
IMPROVEMENTS WITHIN 500'  
OF THIS LOCATION

0 500 1000  
GRAPHIC SCALE IN FEET  
1 INCH = 1000 FEET

## - LEGEND -

FIELD LOCATED SECTION  
MONUMENTS AS DESCRIBED

FIELD SURVEYED  
WELL LOCATION

CALCULATED BOTTOM  
HOLE LOCATION

CALCULATED SECTION  
CORNER LOCATION

## 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, COLORADO REGISTRATION NO. 36572  
FOR AND ON BEHALF OF  
BOOKCLIFF SURVEY SERVICES, INC.

## REFERENCES

- 1) EXTENSION SURVEY T. 7 S., R. 95 W., 6th P.M (GLO PLAT)
- 2) U.S.G.S. QUAD: RULISON, CO

REVISED: 8/16/18

136 East Third Street  
Rifle, Colorado  
81650 Ph. (970)  
625-2720 Fax (970)  
625-2773

**BOOKCLIFF**  
Survey Services, Inc.

SURVEY DATE: 2/25/14  
MAP DATE: 11/09/17  
SCALE: 1" = 1000'  
PLAT: 1 of 1  
PROJECT: TEP Valley

## 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 2.4 ON SURVEY POINT NUMBER 911.
- 6) SURFACE AND BOTTOM HOLE LOCATIONS ARE MEASURED 90° FROM SECTION LINES.

## WELL LOCATION PLAT Prepared for:

**TERRA**  
ENERGY PARTNERS

TEP Rocky Mountain LLC

SW1/4 SE1/4, SECTION 24  
T. 6 S., R. 95 W. of the 6th. P.M.  
GARFIELD COUNTY, COLORADO