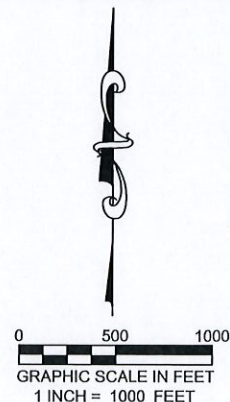
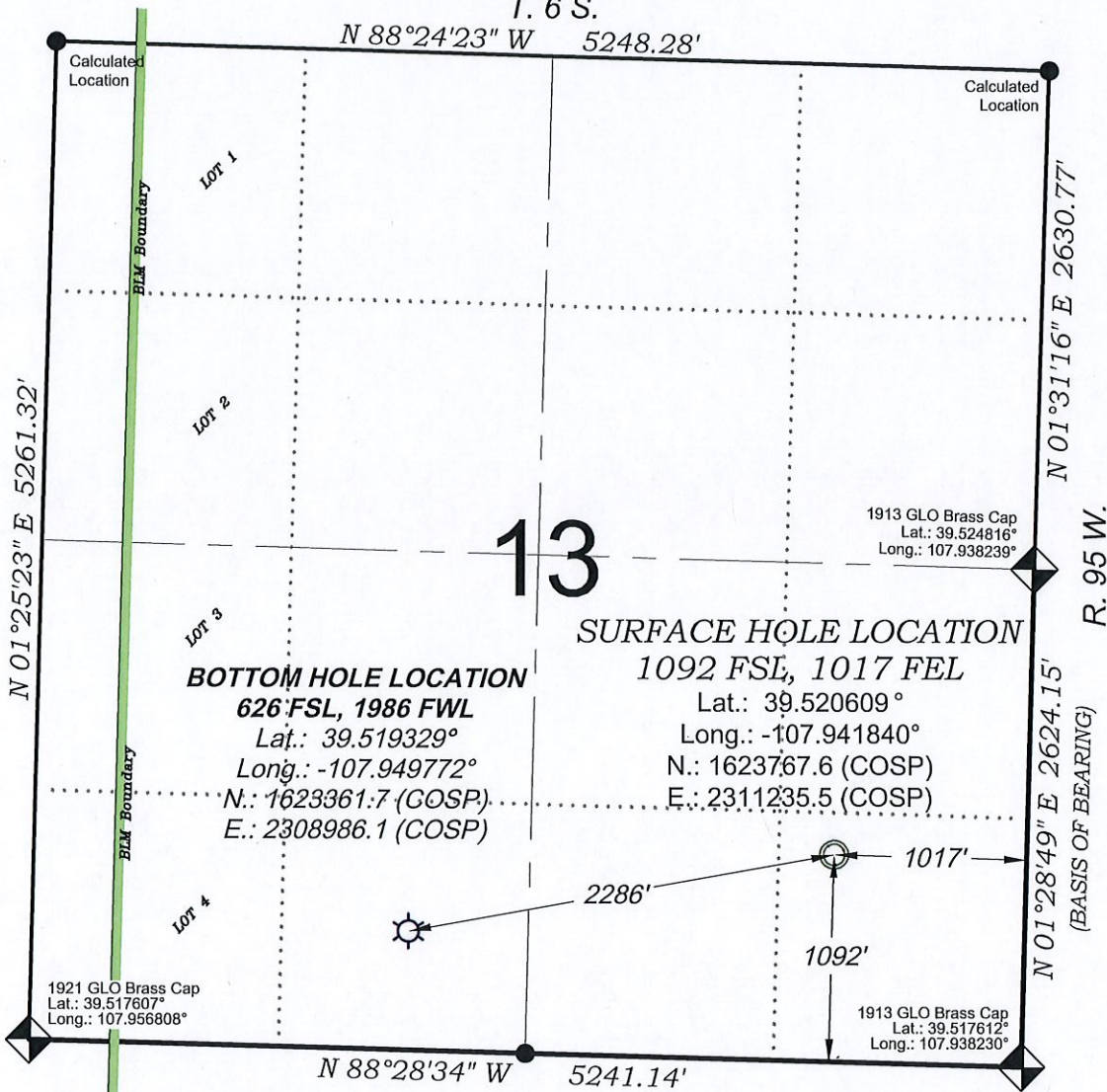


# Federal PA 324-13

T. 6 S.

N 88°24'23" W 5248.28'



**BOTTOM HOLE LOCATION**  
 626 FSL, 1986 FWL  
 Lat.: 39.519329°  
 Long.: -107.949772°  
 N.: 1623361.7 (COSP)  
 E.: 2308986.1 (COSP)

**SURFACE HOLE LOCATION**  
 1092 FSL, 1017 FEL  
 Lat.: 39.520609°  
 Long.: -107.941840°  
 N.: 1623767.6 (COSP)  
 E.: 2311235.5 (COSP)

EXISTING GROUND ELEV.: 6566.8  
 PROPOSED PAD ELEV.: 6571.1

THERE ARE NO VISIBLE  
 IMPROVEMENTS WITHIN 500'  
 OF THIS 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. 6 S., R. 94 W., 6th P.M. (GLO PLAT)
- 2) U.S.G.S. QUAD: Anvil Points, CO

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

**BOOKCLIFF**  
 Survey Services, Inc.

SURVEY DATE: 6/8/17  
 MAP DATE: 7/11/18  
 SCALE: 1" = 1000'  
 PLAT: 1 of 1  
 PROJECT: TEP Valley

## - 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 2.8 ON SURVEY POINT NUMBER 572.
- 6) SURFACE AND BOTTOM HOLE LOCATIONS ARE MEASURED 90° FROM SECTION LINES.

## WELL LOCATION PLAT Prepared for:

**TERRA**  
 ENERGY PARTNERS

TEP Rocky Mountain LLC

SE1/4 SE1/4, SECTION 13  
 T. 6 S., R. 95 W. of the 6th. P.M.  
 GARFIELD COUNTY, COLORADO