

Lat.: 39.445101°  
Long.: -107.955955°

# Federal SP 514-13

T. 7 S.

Lat.: 39.444703°  
Long.: -107.937241°

1982 BLM  
Alum Cap

N86°53'08"W

2643.50'

N86°53'08"W

2643.50'

1982 BLM  
Alum Cap

N00°55'33"E

## SURFACE HOLE LOCATION

1651 FSL, 296 FWL

Lat.: 39.434953°

Long.: -107.954748°

N.: 1592677.8 (COSP)

E.: 2306752.5 (COSP)

PROPOSED PAD ELEV.: 7986.0  
EXISTING GROUND ELEV.: 7992.8

# 13

## BOTTOM HOLE LOCATION

231 FSL, 753 FWL

Lat.: 39.431003°

Long.: -107.953056°

N.: 1591226.7 (COSP)

E.: 2307191.4 (COSP)

1911 / 1983  
GLO Brass Cap

2746.13'

S00°44'07"W

R. 95 W.

1320.34'

S00°40'18"W

1983 BLM  
Alum Cap

1321.54'

S00°37'01"W

Lat.: 39.429912°  
Long.: -107.936959°

## - 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 2.0 ON SURVEY POINT NUMBER 105627.
- 6) SURFACE AND BOTTOM HOLE LOCATIONS ARE MEASURED 90° FROM SECTION LINES.

WELL LOCATION PLAT Prepared for:  
**Williams**. Williams Production, RMT

NW1/4 SW1/4, SECTION 13  
T. 7 S., R. 95 W. of the 6th. P.M.  
GARFIELD COUNTY COLORADO

Lat.: 39.430444°  
Long.: -107.955710°

N86°18'39"W 2648.38'  
(BASIS OF BEARING)

N 86°24'46" W  
2651.70'

1912 / 1983  
GLO Brass Cap

1912 GLO  
Brass Cap

2685.31'

N00°41'19"E

296'  
1651'  
1516'

BLM Boundary

THERE ARE NO VISIBLE  
IMPROVEMENTS WITHIN 400'  
OF THIS LOCATION

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

## 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 Langhorne*

MICHAEL J. LANGHORNE, COLORADO REGISTRATION NO. 36572  
FOR AND ON BEHALF OF  
BOOKCLIFF SURVEY SERVICES, INC.

## REFERENCES

- 1) 1987 Dependent Resurvey T. 7 S., R. 95 W., 6 th P.M (GLO PLAT)
- 2) U.S.G.S. QUAD: RULISON, CO



SURVEY DATE: 10/13/10  
MAP DATE: 12/1/10  
SCALE: 1" = 1000'  
PLAT: 1 of 1  
PROJECT: Williams Valley