

# DUGGAN RWF 513-29

T. 6 S.

1913 GLO Brass Cap  
Lat: 39.503313  
Long: -107.921073

S89°11'57"E 2521.10'  
(BASIS OF BEARING)

S89°07'24"E 2652.54'  
WC 1082 BLM Alum. Cap

1982 BLM Alum. Cap  
Lat: 39.503400  
Long: -107.912139

1982 BLM Alum. Cap

PROPOSED PAD ELEV.: 5419.2  
EXISTING GROUND ELEV.: 5415.2

2617.22'

N03°17'36"E

**BOTTOM HOLE LOCATION**  
2481 FSL, 734 FWL  
Lat.: 39.495432°  
Long.: -107.918676°  
N.: 1614425.7(COSP)  
E.: 2317523.5(COSP)

1982 BLM Alum. Cap  
Lat: 39.496131  
Long: -107.921359

N03°05'41"W

2766.59'

1904'  
582'  
579'

29

**SURFACE HOLE LOCATION**  
579 FSL, 582 FWL  
Lat.: 39.490206°  
Long.: -107.918674°  
N.: 1612522.7 (COSP)  
E.: 2317473.6 (COSP)

1994 Alum. Cap LS #9009  
Lat: 39.496296  
Long: -107.902370

1982 BLM Alum. Cap  
Lat: 39.488560  
Long: -107.920569

2621.88'

S89°20'11"W

1994 Alum. Cap LS #9009  
Lat: 39.488935  
Long: -107.911286

2622.73'  
S89°20'07"W

1982 BLM Alum. Cap  
Lat: 39.489109  
Long: -107.902000

S00°45'54"E

2619.38'

R. 94 W.

S00°46'11"E

2619.92'

THERE ARE NO VISIBLE IMPROVEMENTS WITHIN 400' OF THIS LOCATION



## - 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*  
36572

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

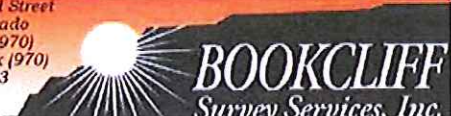
## NOTES

- ELEVATIONS BASED ON N.A.V.D. 1988 PUBLISHED COORDINATES.
- LATITUDES AND LONGITUDES ARE BASE ON NAD 83, PUBLISHED COORDINATES
- STATE PLANE COORDINATES ARE BASED ON COLORADO CENTRAL ZONE, U.S. SURVEY FEET.
- ELEVATION MASK SET TO 15"
- GPS OPERATOR J. KIRKPATRICK, OBSERVED A PDOP1.82 ON SURVEY POINT NUMBER 160567.
- SURFACE AND BOTTOM HOLE LOCATIONS ARE MEASURED 90° FROM SECTION LINES.

## REFERENCES

- 2003 DEPENDENT RESURVEY and SURVEY, T. 6 S., R. 94 W., 6<sup>th</sup> P.M.
- U.S.G.S. QUAD: RULISON, CO

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



SURVEY DATE: 5/30/08  
MAP DATE: 2/2/12  
SCALE: 1" = 1000'  
PLAT: 1 of 1  
PROJECT: Valley

WELL LOCATION PLAT Prepared for:  
WPXENERGY  
WPX Energy Rocky Mountain, LLC

SW1/4 SW1/4, SECTION 29  
T. 6 S., R. 94 W. of the 6<sup>th</sup> P.M.  
GARFIELD COUNTY, COLORADO