

T7S, R94W, 6th P.M.

BLACK DIAMOND MINERALS, LLC

Well location, TPR #176-25, located as shown in the SW 1/4 SE 1/4 of Section 25, T7S, R94W, 6th P.M., Garfield County, Colorado.

S89°57'W - 5322.30' (G.L.O.)

E 1/4 Cor Sec 24
1947 Brass Cap 2.0'
High, N-E Fenceline
Lat: 39.424503
Long: 107.825947
1947 Brass Cap 8"
High, Pile of Stones
Lat: 39.417244
Long: 107.825936

N00°02'35"W
2645.24' (Meas.)

BASIS OF ELEVATION

BENCHMARK LOCATED IN THE NE 1/4 OF SECTION 36, T5S, R93W, 6th P.M. TAKEN FROM THE RIFLE, QUADRANGLE, COLORADO, GARFIELD COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5546.19 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

ROBERT L. BOWEN
REGISTERED LAND SURVEYOR
REGISTRATION NO. 17492
STATE OF COLORADO
4-16-13

1920 Brass Cap
1.3' High
Lat: 39.402717
Long: 107.825950

REVISED: 10-31-13 T.B.
REVISED: 07-22-13 A.D.
REVISED: 05-07-10

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

LINE TABLE		
LINE	BEARING	LENGTH
L1	N01°22'34"E	138.91'
L2	N00°17'33"E	137.31'

NOTE:
SEE ADDENDUM TO LEGAL PLAT FOR EXISTING IMPROVEMENTS WITHIN 500' OF THE PROPOSED DISTURBANCE.

25

1948 Brass Cap
4" High, Pile of Stones
Lat: 39.416861
Long: 107.825947
Lot 1

1920 Brass Cap
0.9' High
Lat: 39.409969
Long: 107.825939
Lot 2

1948 Brass Cap
1.0' High
Lat: 39.409594
Long: 107.825939
Lot 3

Lot 4

Target Bottom Hole

TPR #176-25
Elev. Ungraded Ground = 9129'

1920 Brass Cap
1.7' High
Lat: 39.402706
Long: 107.835361

42.9' SOUTH
True Position
W.C.
1920 Brass Cap
1.0' High
Lat: 39.402600
Long: 107.844742

N89°52'16"W - 2651.24' (Meas.)

S89°56'37"W - 2660.41' (Meas.)

PDOP = 3.7

NAD 83 (TARGET BOTTOM HOLE)		NAD 83 (SURFACE LOCATION)	
LATITUDE = 39°24'26.47" (39.407353)	LATITUDE = 39°24'15.85" (39.404403)	LATITUDE = 39°24'15.85" (39.404403)	LATITUDE = 39°24'15.92" (39.404422)
LONGITUDE = 107°49'46.14" (107.829483)	LONGITUDE = 107°49'57.52" (107.832644)	LONGITUDE = 107°49'57.52" (107.832644)	LONGITUDE = 107°49'55.28" (107.832022)
NAD 27 (TARGET BOTTOM HOLE)		NAD 27 (SURFACE LOCATION)	
LATITUDE = 39°24'26.54" (39.407372)	LATITUDE = 39°24'15.92" (39.404422)	LATITUDE = 39°24'15.92" (39.404422)	LATITUDE = 39°24'15.92" (39.404422)
LONGITUDE = 107°49'43.91" (107.828864)	LONGITUDE = 107°49'55.28" (107.832022)	LONGITUDE = 107°49'55.28" (107.832022)	LONGITUDE = 107°49'55.28" (107.832022)

- LEGEND:**
- └─┘ = 90° SYMBOL
 - = PROPOSED WELL HEAD.
 - ▲ = SECTION CORNERS LOCATED.

SCALE 1" = 1000'	DATE SURVEYED: 03-23-10	DATE DRAWN: 04-16-10
PARTY B.J. G.O. C.H.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE BLACK DIAMOND MINERALS, LLC	