

T7S, R94W, 6th P.M.

BLACK DIAMOND MINERALS, LLC

Well location, TPR #111-6 (SURFACE LOCATION), located as shown in the SW 1/4 SE 1/4 of Section 25, T7S, R94W, 6th P.M., Garfield County, Colorado.

S89°46'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

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

Lot 1

Lot 2

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

C.C. SW Cor Sec 30
1948 Brass Cap
1.0' High
Lat: 39.409594
Long: 107.825939

Lot 3

Lot 4

C.C. SW Cor Sec 31
1947 Brass Cap
1.7' High
Lat: 39.403919
Long: 107.825967

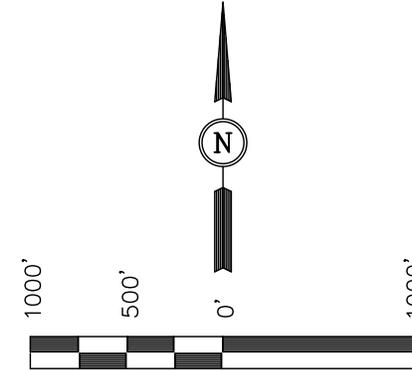
1920 Brass Cap
1.3' High
Lat: 39.402717
Long: 107.825950

BASIS OF ELEVATION

BENCH MARK 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 (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5546.19 FEET.

BASIS OF BEARINGS

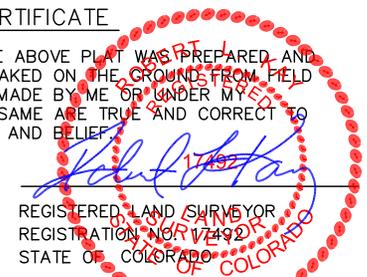
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED AND LOCATION AS SHOWN WAS STAKED ON THE GROUND 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.



Revised: 04-16-10 C.H.
Revised: 08-04-08 D.R.B.
Revised: 06-16-08 D.R.B.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 17492
STATE OF COLORADO

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 04-18-08	DATE DRAWN: 04-21-08
PARTY B.J. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE BLACK DIAMOND MINERALS, LLC	

LINE TABLE		
LINE	BEARING	LENGTH
L1	N01°22'34"E	138.91'
L2	N00°17'33"E	137.31'
L3	S00°35'27"E	437.55'

NOTE:
SEE ADDENDUM TO LEGAL PLAT FOR EXISTING IMPROVEMENTS WITHIN 400' OF THE PROPOSED DISTURBANCE.

1920 Brass Cap
1.8' High
Lat: 39.409997
Long: 107.844758

NOTE:
THE PROPOSED BOTTOM HOLE FOR THIS WELL IS LOCATED IN LOT 12 OF SECTION 6, T8S, R93W, 6th P.M. AT A DISTANCE OF 1261' FNL 732' FWL. IT BEARS S60°20'28"E 3080.93' FROM THE PROPOSED WELL HEAD.

TPR #111-6

Elev. Ungraded Ground = 9129'

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

700'

LEGEND:

┌ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

PDOP = 3.7

NAD 83 (SURFACE LOCATION)	
LATITUDE =	39°24'16.67" (39.404631)
LONGITUDE =	107°49'58.22" (107.832839)
NAD 27 (SURFACE LOCATION)	
LATITUDE =	39°24'16.74" (39.404650)
LONGITUDE =	107°49'55.99" (107.832219)

SOUTH - 2640.00' (G.L.O.)

N00°03'48"W - 2652.87' (Meas.)

42.9' SOUTH
True Position

W.C.
1920 Brass Cap
1.0' High
Lat: 39.402600
Long: 107.844742

LEGEND:

┌ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

PDOP = 3.7

NAD 83 (SURFACE LOCATION)	
LATITUDE =	39°24'16.67" (39.404631)
LONGITUDE =	107°49'58.22" (107.832839)
NAD 27 (SURFACE LOCATION)	
LATITUDE =	39°24'16.74" (39.404650)
LONGITUDE =	107°49'55.99" (107.832219)

BLACK DIAMOND MINERALS, LLC

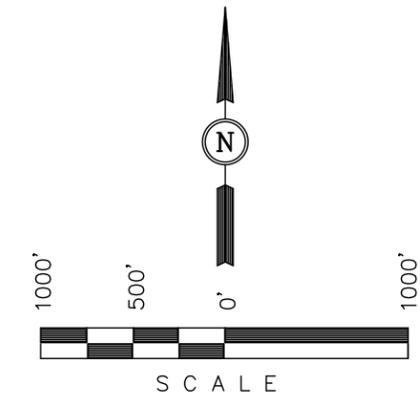
Well location, TPR #111-6 (TARGET BOTTOM HOLE), located as shown in Lot 12 of Section 6, T8S, R93W, 6th P.M., Garfield County, Colorado.

BASIS OF ELEVATION

BENCH MARK 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 (TOPOGRAPHICAL 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.



T8S, R93W, 6th P.M.

Sec. 25

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

C.C. SW Cor Sec 30
1948 Brass Cap
1.0' High
Lat: 39.409594
Long: 107.825939

C.C. SW Cor Sec 31
1947 Brass Cap
1.7' High
Lat: 39.403919
Long: 107.825967

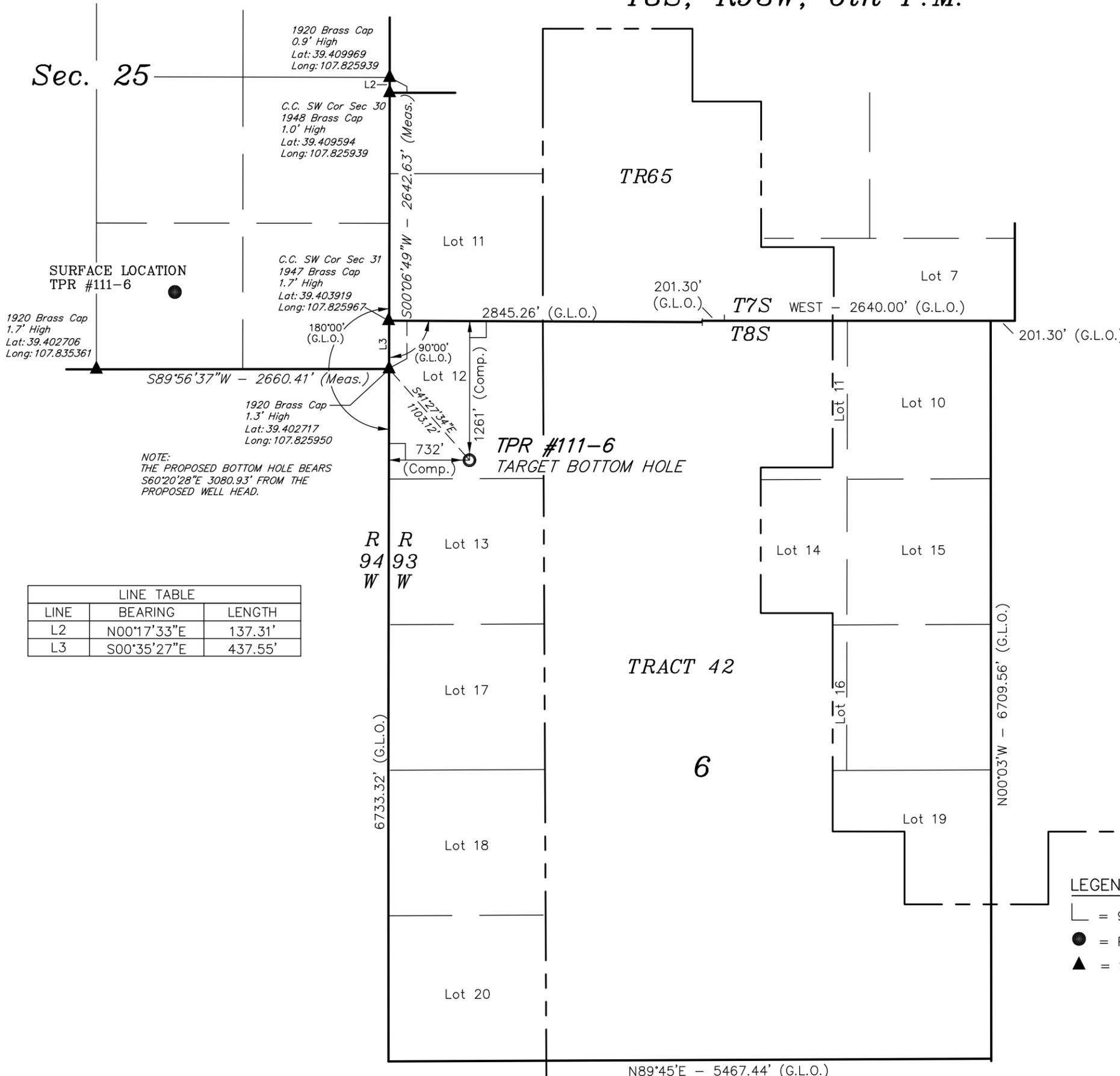
1920 Brass Cap
1.3' High
Lat: 39.402717
Long: 107.825950

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

SURFACE LOCATION
TPR #111-6

NOTE:
THE PROPOSED BOTTOM HOLE BEARS
S60°20'28"E 3080.93' FROM THE
PROPOSED WELL HEAD.

LINE TABLE		
LINE	BEARING	LENGTH
L2	N00°17'33"E	137.31'
L3	S00°35'27"E	437.55'



LEGEND:

- └ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)	
LATITUDE =	39°24'01.62" (39.400450)
LONGITUDE =	107°49'24.11" (107.823364)
NAD 27 (TARGET BOTTOM HOLE)	
LATITUDE =	39°24'01.69" (39.400469)
LONGITUDE =	107°49'21.88" (107.822744)

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED AND LOCATION AS SHOWN WAS STAKED ON THE GROUND 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.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 17492
STATE OF COLORADO

Revised: 04-16-10 C.H.
Revised: 08-04-08 D.R.B.

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

SCALE 1" = 1000'	DATE SURVEYED: 03-24-08	DATE DRAWN: 04-02-08
PARTY B.J. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE BLACK DIAMOND MINERALS, LLC	

T7S, R94W, 6th P.M.

BLACK DIAMOND MINERALS, LLC

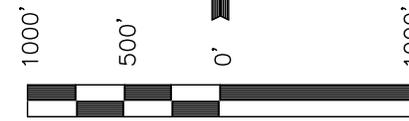
Well location, TPR #112-31 (SURFACE LOCATION), located as shown in the SW 1/4 SE 1/4 of Section 25, T7S, R94W, 6th P.M., Garfield County, Colorado.

BASIS OF ELEVATION

BENCH MARK 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 (TOPOGRAPHICAL 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.



SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED AND LOCATION AS SHOWN WAS STAKED ON THE GROUND 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.

John P. ...
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 17492
 STATE OF COLORADO

Revised: 04-16-10 C.H.
 Revised: 08-04-08 D.R.B.
 Revised: 06-16-08 D.R.B.
 Revised: 04-18-08 D.R.B.

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

S89°46'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

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

Lot 1

Lot 2

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

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

Lot 3

Lot 4

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

NOTE:
 SEE ADDENDUM TO LEGAL PLAT FOR
 EXISTING IMPROVEMENTS WITHIN 400'
 OF THE PROPOSED DISTURBANCE.

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

1920 Brass Cap
 1.8' High
 Lat: 39.409997
 Long: 107.844758

NOTE:
 THE PROPOSED BOTTOM HOLE FOR THIS WELL
 IS LOCATED IN LOT 11 OF SECTION 31, T7S,
 R93W, 6th P.M. AT A DISTANCE OF 473' FSL
 748' FWL. IT BEARS N84°09'09"E 2680.36'
 FROM THE PROPOSED WELL HEAD.

TPR #112-31
 Elev. Ungraded Ground = 9131'

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

42.9'
 SOUTH True Position

N89°52'16"W - 2651.29' (Meas.)

S89°56'37"W - 2660.41' (Meas.)

N00°02'35"W - 2645.24' (Meas.)
 N00°03'06"W - 2650.00' (Meas.)
 S00°03'06"W - 500.03' (Meas.)
 S00°06'49"W - 2642.63' (Meas.)
 S00°06'49"W - 500.06' (Meas.)
 42.86'

R
 94
 W
 R
 93
 W

W.C.
 1920 Brass Cap
 1.0' High
 Lat: 39.402600
 Long: 107.844742

LEGEND:

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

PDOP = 3.7

NAD 83 (SURFACE LOCATION)	
LATITUDE = 39°24'16.04"	(39.404456)
LONGITUDE = 107°49'57.84"	(107.832733)
NAD 27 (SURFACE LOCATION)	
LATITUDE = 39°24'16.11"	(39.404475)
LONGITUDE = 107°49'55.60"	(107.832111)

SCALE 1" = 1000'	DATE SURVEYED: 03-24-08	DATE DRAWN: 04-02-08
PARTY B.J. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE BLACK DIAMOND MINERALS, LLC	

T7S, R94W, 6th P.M.

BLACK DIAMOND MINERALS, LLC

Well location, TPR #112-6 (SURFACE LOCATION), located as shown in the SW 1/4 SE 1/4 of Section 25, T7S, R94W, 6th P.M., Garfield County, Colorado.

BASIS OF ELEVATION

BENCH MARK 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 (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5546.19 FEET.

BASIS OF BEARINGS

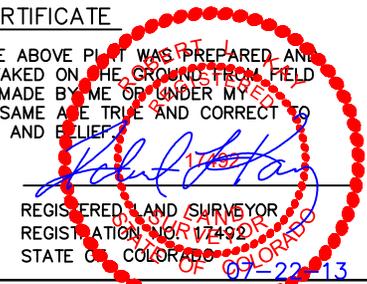
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED AND LOCATION AS SHOWN WAS STAKED ON THE GROUND 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.



REVISED: 07-22-13 A.D.
REVISED: 05-07-10

REGISTERED LAND SURVEYOR
REGISTRATION NO. 17492
STATE OF COLORADO

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

S89°46'W - 5322.30' (G.L.O.)

LINE TABLE		
LINE	BEARING	LENGTH
L1	N01°22'34"E	138.91'
L2	N00°17'33"E	137.31'
L3	S00°35'27"E	437.55'

NOTE:
SEE ADDENDUM TO LEGAL PLAT FOR EXISTING IMPROVEMENTS WITHIN 400' OF THE PROPOSED DISTURBANCE.

1920 Brass Cap
1.8' High
Lat: 39.409997
Long: 107.844758

NOTE:
THE PROPOSED BOTTOM HOLE FOR THIS WELL IS LOCATED IN LOT 12 OF SECTION 6, T8S, R93W, 6th P.M. AT A DISTANCE OF 1261' FNL 300' FWL. IT BEARS S67°01'45"E 2371.35' FROM THE PROPOSED WELL HEAD.

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

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

Lot 1

Lot 2

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

C.C. SW Cor Sec 30
1948 Brass Cap
1.0' High
Lat: 39.409594
Long: 107.825939

Lot 3

Lot 4

C.C. SW Cor Sec 31,
1947 Brass Cap, 1.7' High
Lat: 39.403919
Long: 107.825967

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

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

W.C.
1920 Brass Cap
1.0' High
Lat: 39.402600
Long: 107.844742

LEGEND:

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

PDOP = 3.7

NAD 83 (SURFACE LOCATION)
LATITUDE = 39°24'15.72" (39.404367)
LONGITUDE = 107°49'57.42" (107.832617)
NAD 27 (SURFACE LOCATION)
LATITUDE = 39°24'15.79" (39.404386)
LONGITUDE = 107°49'55.18" (107.831994)

Target Bottom Hole

SOUTH - 2640.00' (G.L.O.)

N00°03'48"W - 2652.87' (Meas.)

N89°52'16"W - 2651.29' (Meas.)

S89°56'37"W - 2660.41' (Meas.)

S00°06'49"W - 2642.63' (Meas.)

S00°03'06"W - 2650.00' (Meas.)

N00°02'35"W - 2645.24' (Meas.)

TPR #112-6

Elev. Ungraded Ground = 9131'

603'

1885'

S67°03'58"E
2370.67'

25

R 94 W
R 93 W

42.9' SOUTH

True Position

BLACK DIAMOND MINERALS, LLC

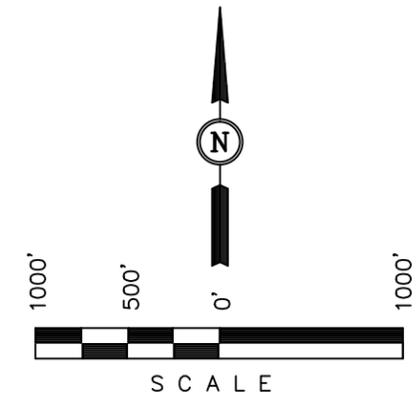
Well location, TPR #112-6 (TARGET BOTTOM HOLE), located as shown in Lot 12 of Section 6, T8S, R93W, 6th P.M., Garfield County, Colorado.

BASIS OF ELEVATION

BENCH MARK 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 (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5546.19 FEET.

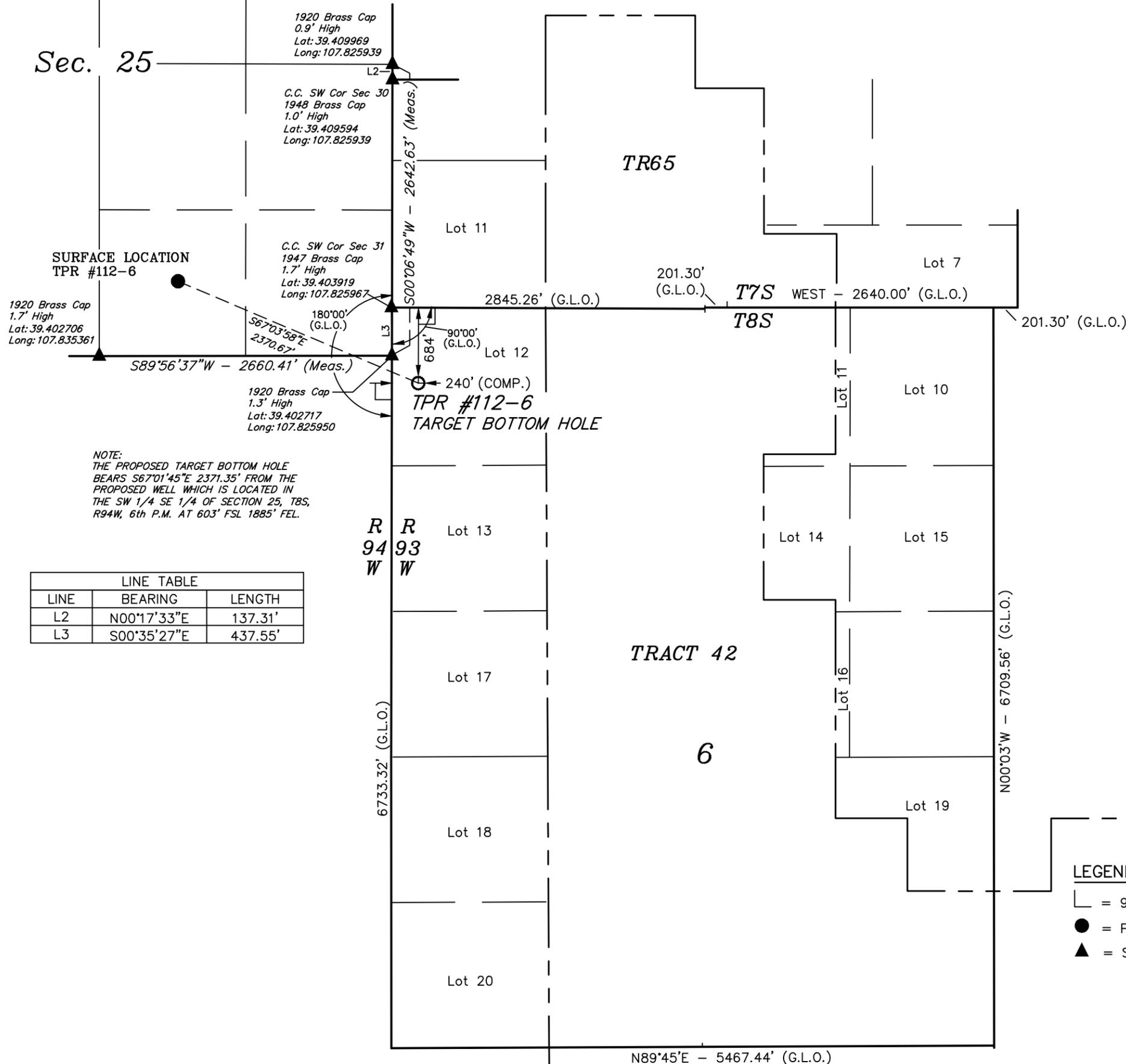
BASIS OF BEARINGS

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



T8S, R93W, 6th P.M.

Sec. 25



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

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

C.C. SW Cor Sec 30
1948 Brass Cap
1.0' High
Lat: 39.409594
Long: 107.825939

C.C. SW Cor Sec 31
1947 Brass Cap
1.7' High
Lat: 39.403919
Long: 107.825967

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

NOTE:
THE PROPOSED TARGET BOTTOM HOLE BEARS S67°01'45"E 2371.35' FROM THE PROPOSED WELL WHICH IS LOCATED IN THE SW 1/4 SE 1/4 OF SECTION 25, T8S, R94W, 6th P.M. AT 603' FSL 1885' FEL.

LINE TABLE		
LINE	BEARING	LENGTH
L2	N00°17'33"E	137.31'
L3	S00°35'27"E	437.55'

R 94 W
R 93 W

TRACT 42

6

LEGEND:

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

NAD 83 (TARGET BOTTOM HOLE)	
LATITUDE = 39°24'06.60" (39.401833)	
LONGITUDE = 107°49'29.61" (107.824892)	
NAD 27 (TARGET BOTTOM HOLE)	
LATITUDE = 39°24'06.68" (39.401856)	
LONGITUDE = 107°49'27.37" (107.824269)	

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED AND LOCATION AS SHOWN WAS STAKED ON THE GROUND 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.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 17492
STATE OF COLORADO
09-22-13

REVISED: 07-22-13 A.D.
REVISED: 05-07-10

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

SCALE 1" = 1000'	DATE SURVEYED: 03-24-08	DATE DRAWN: 04-19-10
PARTY B.J. C.H.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE BLACK DIAMOND MINERALS, LLC	

T7S, R94W, 6th P.M.

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

BLACK DIAMOND MINERALS, LLC

Well location, TPR #151-36 (SURFACE LOCATION),
 located as shown in the SW 1/4 SE 1/4 of
 Section 25, T7S, R94W, 6th P.M., Garfield County,
 Colorado.

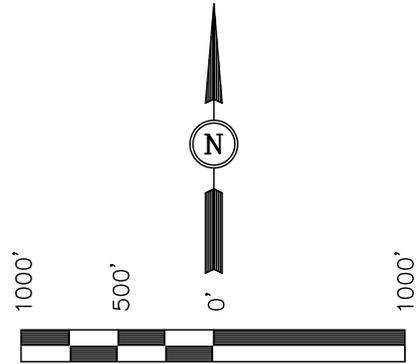
S89°57'W - 5322.30' (G.L.O.)

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.

REGISTERED LAND SURVEYOR
 REGISTRATION NO. 17492
 STATE OF COLORADO

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 400'
 OF THE PROPOSED DISTURBANCE.

25

1920 Brass Cap
 1.8' High
 Lat: 39.409997
 Long: 107.844758

NOTE:
 THE PROPOSED BOTTOM HOLE FOR THIS WELL
 IS LOCATED IN LOT 2 OF SECTION 36, T7S, R94W,
 6th P.M. AT A DISTANCE OF 100' FNL
 2340' FEL. IT BEARS S29°01'11"W 867.16' FROM
 THE PROPOSED WELL HEAD.

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

Lot 1

Lot 2

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

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

Lot 3

TPR #151-36

Elev. Ungraded Ground = 9129'

1921'

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

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

Lot 4

42.9'
 SOUTH

True Position

N89°52'16"W - 2651.24' (Meas.)
 W.C.
 1920 Brass Cap
 1.0' High
 Lat: 39.402600
 Long: 107.844742

S89°56'37"W - 2660.41' (Meas.)

R
 94
 W
 R
 93
 W

LEGEND:

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

NAD 83 (SURFACE LOCATION)

LATITUDE = 39°24'16.25" (39.404514)
 LONGITUDE = 107°49'57.87" (107.832742)

NAD 27 (SURFACE LOCATION)

LATITUDE = 39°24'16.33" (39.404536)
 LONGITUDE = 107°49'55.64" (107.832122)

PDOP = 3.7

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

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	

T7S, R94W, 6th P.M.

E 1/4 Cor. Sec. 25
 1920 Brass Cap
 0.9' High
 Lat: 39.409969
 Long: 107.825939

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

BLACK DIAMOND MINERALS, LLC

Well location, TPR #151-36 (TARGET BOTTOM HOLE), located as shown in Lot 2 of Section 36, T7S, R94W, 6th P.M., Garfield County, Colorado.

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.

42.9' SOUTH
 True Position
 N89°52'16"W - 2651.24' (Meas.)
 S89°56'37"W - 2660.41' (Meas.)

W.C.
 1920 Brass Cap
 1.0' High
 Lat: 39.402600
 Long: 107.844742

TPR #151-36
 TARGET BOTTOM HOLE

2340'
 (COMP.)

Lot 2

Lot 1

Lot 3

Lot 4

Lot 6

Lot 5

Lot 7

Lot 8

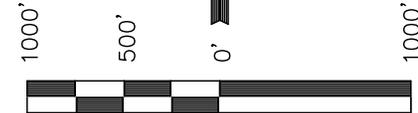
NOTE:
 THE PROPOSED BOTTOM HOLE FOR THIS WELL BEARS S29°01'11"W 867.16' FROM THE PROPOSED WELL HEAD.

36

LINE TABLE		
LINE	BEARING	LENGTH
L1	S72°42'27"E	335.36'

S00°01'W - 5129.52' (G.L.O.)

5008.08' (G.L.O.)



SCALE

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.

Paul J. G. O.
 17492
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 17492
 STATE OF COLORADO

T7S
 T8S

N89°24'E - 5202.12' (G.L.O.)

R R
 94 93
 W W

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

LEGEND:

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

NAD 83 (SURFACE LOCATION)	
LATITUDE	= 39°24'08.76" (39.402433)
LONGITUDE	= 107°50'03.22" (107.834228)
NAD 27 (SURFACE LOCATION)	
LATITUDE	= 39°24'08.83" (39.402453)
LONGITUDE	= 107°50'00.99" (107.833608)

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	

T7S, R94W, 6th P.M.

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

BLACK DIAMOND MINERALS, LLC

Well location, TPR #171-36 (SURFACE LOCATION), 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.)

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.

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 400' OF THE PROPOSED DISTURBANCE.

25

1920 Brass Cap
 1.8' High
 Lat: 39.409997
 Long: 107.844758

NOTE:
 THE PROPOSED BOTTOM HOLE FOR THIS WELL IS LOCATED IN LOT 1 OF SECTION 36, T7S, R94W, 6th P.M. AT A DISTANCE OF 200' FNL 1000' FEL. IT BEARS S46°41'06"E 1285.79' FROM THE PROPOSED WELL HEAD.

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

Lot 1

Lot 2

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

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

Lot 3

TPR #171-36

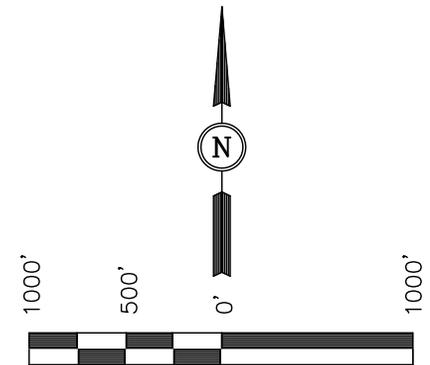
Elev. Ungraded Ground = 9129'

1937'

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

Lot 4

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



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.

Paul J. G. O.
 17292
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 17492
 STATE OF COLORADO

42.9' SOUTH
 500°03'52"E - 2652.87' (Meas.)

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.)

R
94
W

R
93
W

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

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

PDOP = 3.7

NAD 83 (SURFACE LOCATION)	
LATITUDE	= 39°24'16.50" (39.404583)
LONGITUDE	= 107°49'58.08" (107.832800)
NAD 27 (SURFACE LOCATION)	
LATITUDE	= 39°24'16.58" (39.404606)
LONGITUDE	= 107°49'55.85" (107.832181)

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	

T7S, R94W, 6th P.M.

E 1/4 Cor. Sec. 25
 1920 Brass Cap
 0.9' High
 Lat: 39.409969
 Long: 107.825939

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

42.9' SOUTH
 True Position
 N89°52'16"W - 2651.24' (Meas.)

S89°56'37"W
 2660.41' (Meas.)

N00°06'49"E
 2642.63' (Meas.)
 180°00' (G.L.O.)

W.C.
 1920 Brass Cap
 1.0' High
 Lat: 39.402600
 Long: 107.844742

TPR #171-36
 TARGET BOTTOM HOLE

1000' (COMP.)
 200'

S00°01'W - 5129.52' (G.L.O.)

NOTE:
 THE PROPOSED BOTTOM HOLE FOR THIS WELL BEARS S46°41'06"E 1285.79' FROM THE PROPOSED WELL HEAD.

36

5008.08' (G.L.O.)

LINE TABLE		
LINE	BEARING	LENGTH
L1	S78°38'25"W	1020.39'

Lot 1
 Lot 2
 Lot 3
 Lot 4
 Lot 5
 Lot 6
 Lot 7
 Lot 8

T7S
 T8S

N89°24'E - 5202.12' (G.L.O.)

R R
 94 93
 W W

BLACK DIAMOND MINERALS, LLC

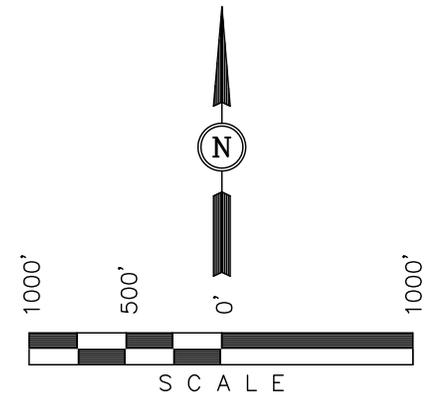
Well location, TPR #171-36 (TARGET BOTTOM HOLE), located as shown in Lot 1 of Section 36, T7S, R94W, 6th P.M., Garfield County, Colorado.

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. ...
 17492
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 17492
 STATE OF COLORADO

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

LEGEND:

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

NAD 83 (SURFACE LOCATION)	
LATITUDE	= 39°24'07.79" (39.402164)
LONGITUDE	= 107°49'46.16" (107.829489)
NAD 27 (SURFACE LOCATION)	
LATITUDE	= 39°24'07.87" (39.402186)
LONGITUDE	= 107°49'43.93" (107.828869)

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	

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.

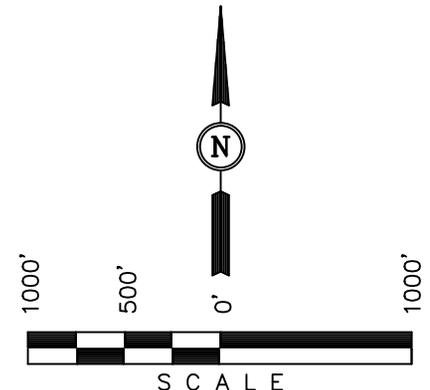
S89°57'W - 5322.30' (G.L.O.)

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.



1920 Brass Cap
1.3' High
Lat: 39.402717
Long: 107.825950
REVISED: 07-22-13 A.D.
REVISED: 05-07-10

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

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

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

Lot 1

Lot 2

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

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

Lot 3

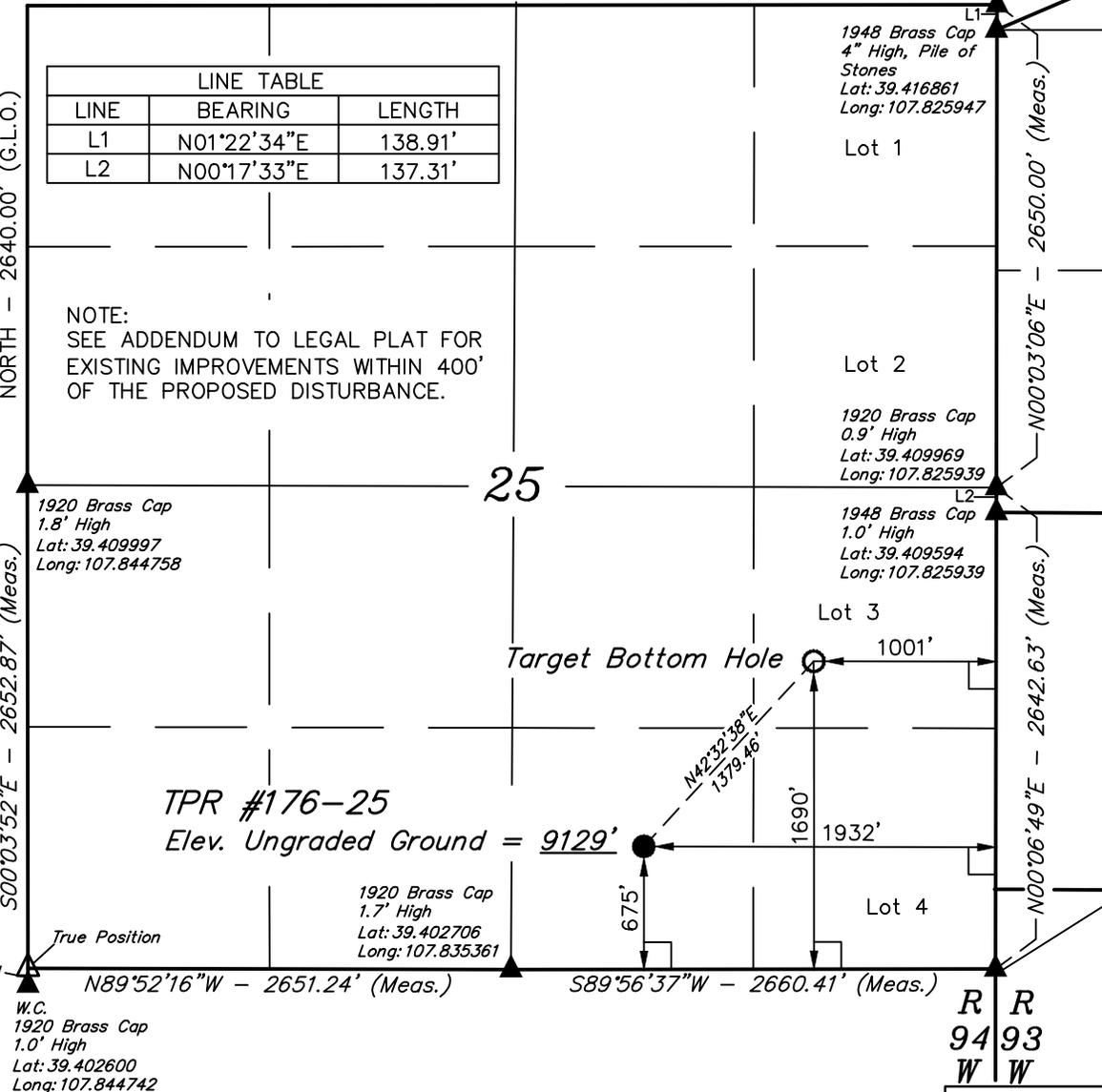
Lot 4

Target Bottom Hole

TPR #176-25

Elev. Ungraded Ground = 9129'

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



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 400' OF THE PROPOSED DISTURBANCE.

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

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

NAD 83 (TARGET BOTTOM HOLE)		NAD 83 (SURFACE LOCATION)	
LATITUDE = 39°24'26.47" (39.407353)	LONGITUDE = 107°49'46.14" (107.829483)	LATITUDE = 39°24'16.42" (39.404561)	LONGITUDE = 107°49'58.01" (107.832781)
NAD 27 (TARGET BOTTOM HOLE)		NAD 27 (SURFACE LOCATION)	
LATITUDE = 39°24'26.54" (39.407372)	LONGITUDE = 107°49'43.91" (107.828864)	LATITUDE = 39°24'16.49" (39.404581)	LONGITUDE = 107°49'55.78" (107.832161)

PDOP = 3.7

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	

T7S, R94W, 6th P.M.

BLACK DIAMOND MINERALS, LLC

Well location, TPR #177-25, 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.)

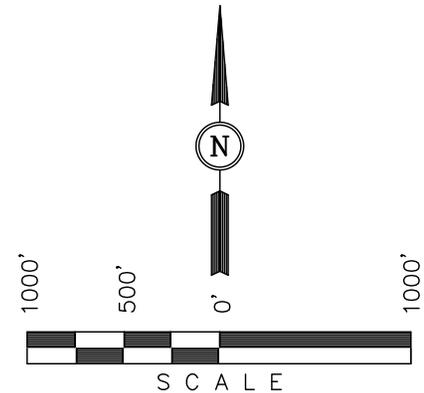
E 1/4 Cor Sec 24
1947 Brass Cap 2.0'
High, N-E Fenceline
Lat: 39.424503
Long: 107.825947
1947 Brass Cap 8"
High, Pile of Stones
Lat: 39.417244
Long: 107.825936

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

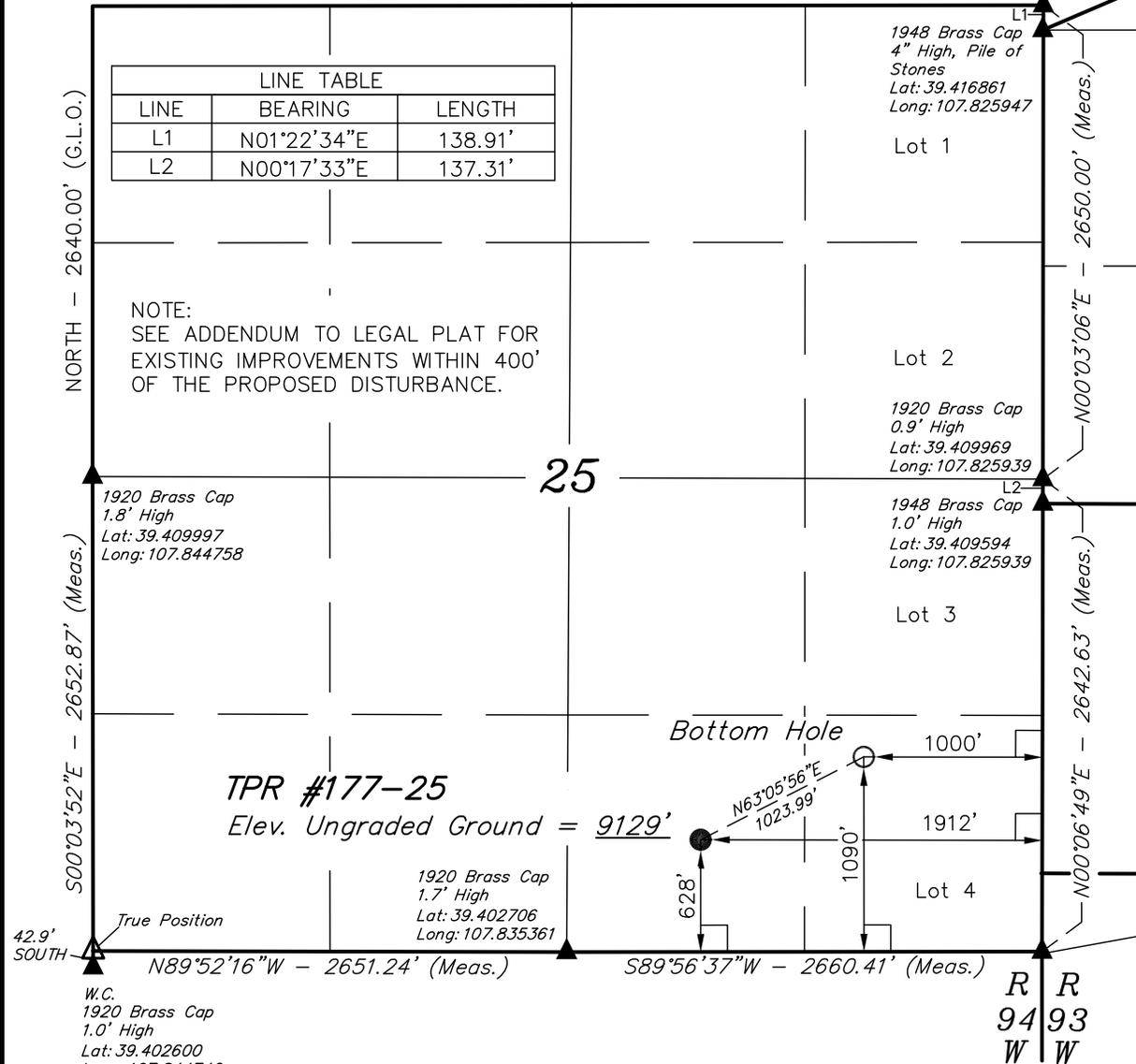
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Paul J. G. O.
17492
REGISTERED LAND SURVEYOR
REGISTRATION NO. 17492
STATE OF COLORADO

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

PDOP = 3.7

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	



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 400' OF THE PROPOSED DISTURBANCE.

25

TPR #177-25

Elev. Ungraded Ground = 9129'

Bottom Hole

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

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 39°24'20.54" (39.405706)	LATITUDE = 39°24'15.95" (39.404431)
LONGITUDE = 107°49'46.14" (107.829483)	LONGITUDE = 107°49'57.76" (107.832711)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 39°24'20.61" (39.405725)	LATITUDE = 39°24'16.03" (39.404453)
LONGITUDE = 107°49'43.90" (107.828861)	LONGITUDE = 107°49'55.53" (107.832092)

R R
94 93
W W

T7S, R94W, 6th P.M.

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

BLACK DIAMOND MINERALS, LLC

Well location, TPR #178-25, 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.)

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.

LINE TABLE		
LINE	BEARING	LENGTH
L1	N01°22'34"E	138.91'
L2	N00°17'33"E	137.31'
L3	S82°13'28"E	937.24'

NOTE:
 SEE ADDENDUM TO LEGAL PLAT FOR EXISTING IMPROVEMENTS WITHIN 400' OF THE PROPOSED DISTURBANCE.

25

1920 Brass Cap
 1.8' High
 Lat: 39.409997
 Long: 107.844758

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

Lot 1

Lot 2

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

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

Lot 3

TPR #178-25

Elev. Ungraded Ground = 9129'

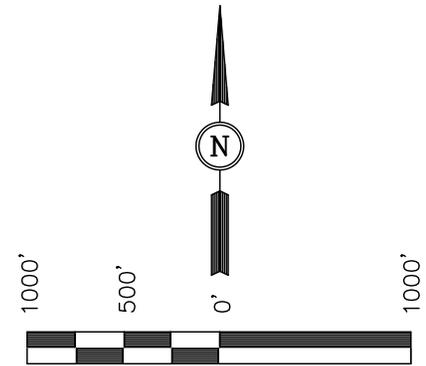
Bottom Hole

1929'

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

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

Lot 4



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.

Paul J. G. O.
 17892
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 17492
 STATE OF COLORADO

NORTH - 2640.00' (G.L.O.)

500°03'52"E - 2652.87' (Meas.)

42.9' SOUTH

N89°52'16"W - 2651.24' (Meas.)

S89°56'37"W - 2660.41' (Meas.)

R R
 94 93
 W W

PDOP = 3.7

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

LEGEND:

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

NAD 83 (TARGET BOTTOM HOLE)		NAD 83 (SURFACE LOCATION)	
LATITUDE = 39°24'14.96" (39.404156)	LATITUDE = 39°24'16.20" (39.404500)	LATITUDE = 39°24'16.20" (39.404500)	LATITUDE = 39°24'16.28" (39.404522)
LONGITUDE = 107°49'46.15" (107.829486)	LONGITUDE = 107°49'57.98" (107.832772)	LONGITUDE = 107°49'57.98" (107.832772)	LONGITUDE = 107°49'55.74" (107.832150)
NAD 27 (TARGET BOTTOM HOLE)		NAD 27 (SURFACE LOCATION)	
LATITUDE = 39°24'15.03" (39.404175)	LATITUDE = 39°24'16.28" (39.404522)	LATITUDE = 39°24'16.28" (39.404522)	LATITUDE = 39°24'16.28" (39.404522)
LONGITUDE = 107°49'43.91" (107.828864)	LONGITUDE = 107°49'55.74" (107.832150)	LONGITUDE = 107°49'55.74" (107.832150)	LONGITUDE = 107°49'55.74" (107.832150)

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	

T7S, R94W, 6th P.M.

BLACK DIAMOND MINERALS, LLC

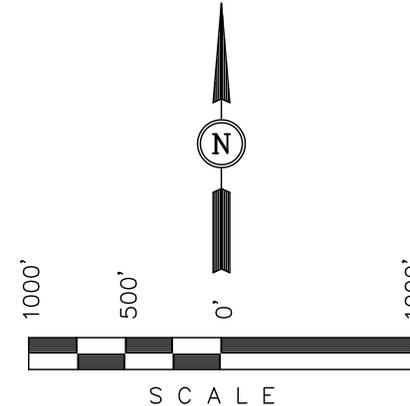
Well location, TPR #211-6 (SURFACE LOCATION), located as shown in the SW 1/4 SE 1/4 of Section 25, T7S, R94W, 6th P.M., Garfield County, Colorado.

BASIS OF ELEVATION

BENCH MARK 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 (TOPOGRAPHICAL 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 AND LOCATION AS SHOWN WAS STAKED ON THE GROUND 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.

[Signature]
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 17492
 STATE OF COLORADO

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

S89°46'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

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

Lot 1

Lot 2

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

C.C. SW Cor Sec 30
 1948 Brass Cap
 1.0' High
 Lat: 39.409594
 Long: 107.825939

Lot 4

1934'
 C.C. SW Cor Sec 31
 1947 Brass Cap
 1.7' High
 Lat: 39.403919
 Long: 107.825967

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

NAD 83 (SURFACE LOCATION)	
LATITUDE = 39°24'16.28" (39.404522)	
LONGITUDE = 107°49'58.04" (107.832789)	
NAD 27 (SURFACE LOCATION)	
LATITUDE = 39°24'16.36" (39.404544)	
LONGITUDE = 107°49'55.81" (107.832169)	

PDOP = 3.7

LINE TABLE		
LINE	BEARING	LENGTH
L1	N01°22'34"E	138.91'
L2	N00°17'33"E	137.31'
L3	S00°35'27"E	437.55'

NOTE:
 SEE ADDENDUM TO LEGAL PLAT FOR
 EXISTING IMPROVEMENTS WITHIN 400'
 OF THE PROPOSED DISTURBANCE.

1920 Brass Cap
 1.8' High
 Lat: 39.409997
 Long: 107.844758

NOTE:
 THE PROPOSED BOTTOM HOLE FOR THIS WELL
 IS LOCATED IN LOT 12 OF SECTION 6, T8S,
 R93W, 6th P.M. AT A DISTANCE OF 200' FNL
 300' FWL. IT BEARS S79°16'37"E 2273.18'
 FROM THE PROPOSED WELL HEAD.

TPR #211-6

Elev. Ungraded Ground = 9129'

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

42.9'
 SOUTH
 True Position

N89°52'16"W - 2651.29' (Meas.)

S89°56'37"W - 2660.41' (Meas.)

W.C.
 1920 Brass Cap
 1.0' High
 Lat: 39.402600
 Long: 107.844742

LEGEND:

└─┘ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

SOUTH - 2640.00' (G.L.O.)

N00°03'48"W - 2652.87' (Meas.)

N00°02'35"W - 2645.24' (Meas.)
 N00°03'06"W - 2650.00' (Meas.)
 S00°03'06"W - 2642.63' (Meas.)
 S00°06'49"W - 2642.63' (Meas.)
 S00°06'49"W - 2642.63' (Meas.)

25

R
94
W

R
93
W

BLACK DIAMOND MINERALS, LLC

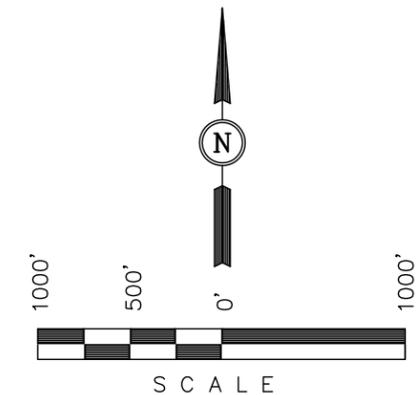
Well location, TPR #211-6 (TARGET BOTTOM HOLE), located as shown in Lot 12 of Section 6, T8S, R93W, 6th P.M., Garfield County, Colorado.

BASIS OF ELEVATION

BENCH MARK 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 (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5546.19 FEET.

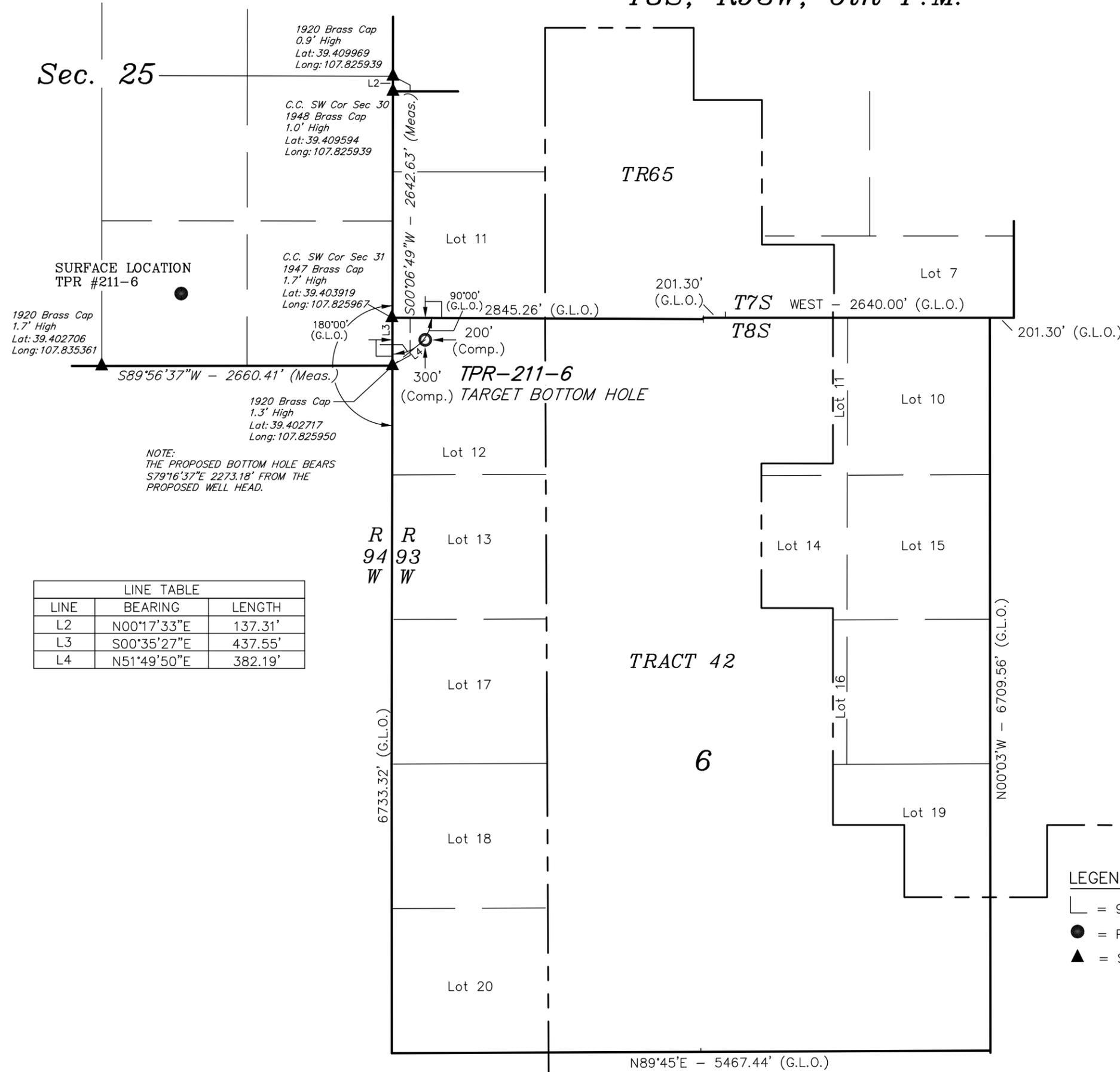
BASIS OF BEARINGS

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



T8S, R93W, 6th P.M.

Sec. 25



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

C.C. SW Cor Sec 30
1948 Brass Cap
1.0' High
Lat: 39.409594
Long: 107.825939

C.C. SW Cor Sec 31
1947 Brass Cap
1.7' High
Lat: 39.403919
Long: 107.825967

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

NOTE:
THE PROPOSED BOTTOM HOLE BEARS
S79°16'37"E 2273.18' FROM THE
PROPOSED WELL HEAD.

LINE TABLE		
LINE	BEARING	LENGTH
L2	N00°17'33"E	137.31'
L3	S00°35'27"E	437.55'
L4	N51°49'50"E	382.19'

LEGEND:

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

NAD 83 (TARGET BOTTOM HOLE)	
LATITUDE = 39°24'12.12" (39.403367)	
LONGITUDE = 107°49'29.60" (107.824889)	
NAD 27 (TARGET BOTTOM HOLE)	
LATITUDE = 39°24'12.19" (39.403386)	
LONGITUDE = 107°49'27.36" (107.824267)	

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED AND LOCATION AS SHOWN WAS STAKED ON THE GROUND 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.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 17492
STATE OF COLORADO

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

SCALE 1" = 1000'	DATE SURVEYED: 03-24-08	DATE DRAWN: 04-19-10
PARTY B.J. C.H.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE BLACK DIAMOND MINERALS, LLC	

T7S, R94W, 6th P.M.

BLACK DIAMOND MINERALS, LLC

Well location, TPR #271-36 (SURFACE LOCATION), 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

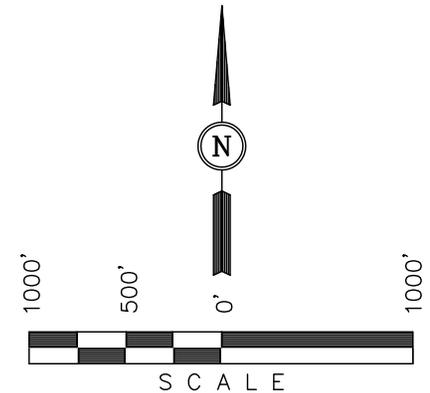
N00°02'35"W
2645.24' (Meas.)

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.

Paul J. G. O.
17292
REGISTERED LAND SURVEYOR
REGISTRATION NO. 17292
STATE OF COLORADO

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 400' OF THE PROPOSED DISTURBANCE.

25

1920 Brass Cap
1.8' High
Lat: 39.409997
Long: 107.844758

NOTE:
THE PROPOSED BOTTOM HOLE FOR THIS WELL IS LOCATED IN LOT 1 OF SECTION 36, T7S, R94W, 6th P.M. AT A DISTANCE OF 450' FNL 1000' FEL. IT BEARS S39°31'14"E 1478.28' FROM THE PROPOSED WELL HEAD.

TPR #271-36

Elev. Ungraded Ground = 9129'

1943'

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

691'

Lot 4

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

N00°03'06"E - 2650.00' (Meas.)

N00°03'06"E - 2642.63' (Meas.)

N00°06'49"E - 2642.63' (Meas.)

N00°06'49"E - 2642.63' (Meas.)

N00°06'49"E - 2642.63' (Meas.)

NORTH - 2640.00' (G.L.O.)

S00°03'52"E - 2652.87' (Meas.)

42.9' SOUTH

True Position

N89°52'16"W - 2651.24' (Meas.)

S89°56'37"W - 2660.41' (Meas.)

R
94
W
R
93
W

PDOP = 3.7

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

LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

NAD 83 (SURFACE LOCATION)	
LATITUDE	= 39°24'16.58" (39.404606)
LONGITUDE	= 107°49'58.15" (107.832819)
NAD 27 (SURFACE LOCATION)	
LATITUDE	= 39°24'16.66" (39.404628)
LONGITUDE	= 107°49'55.92" (107.832200)

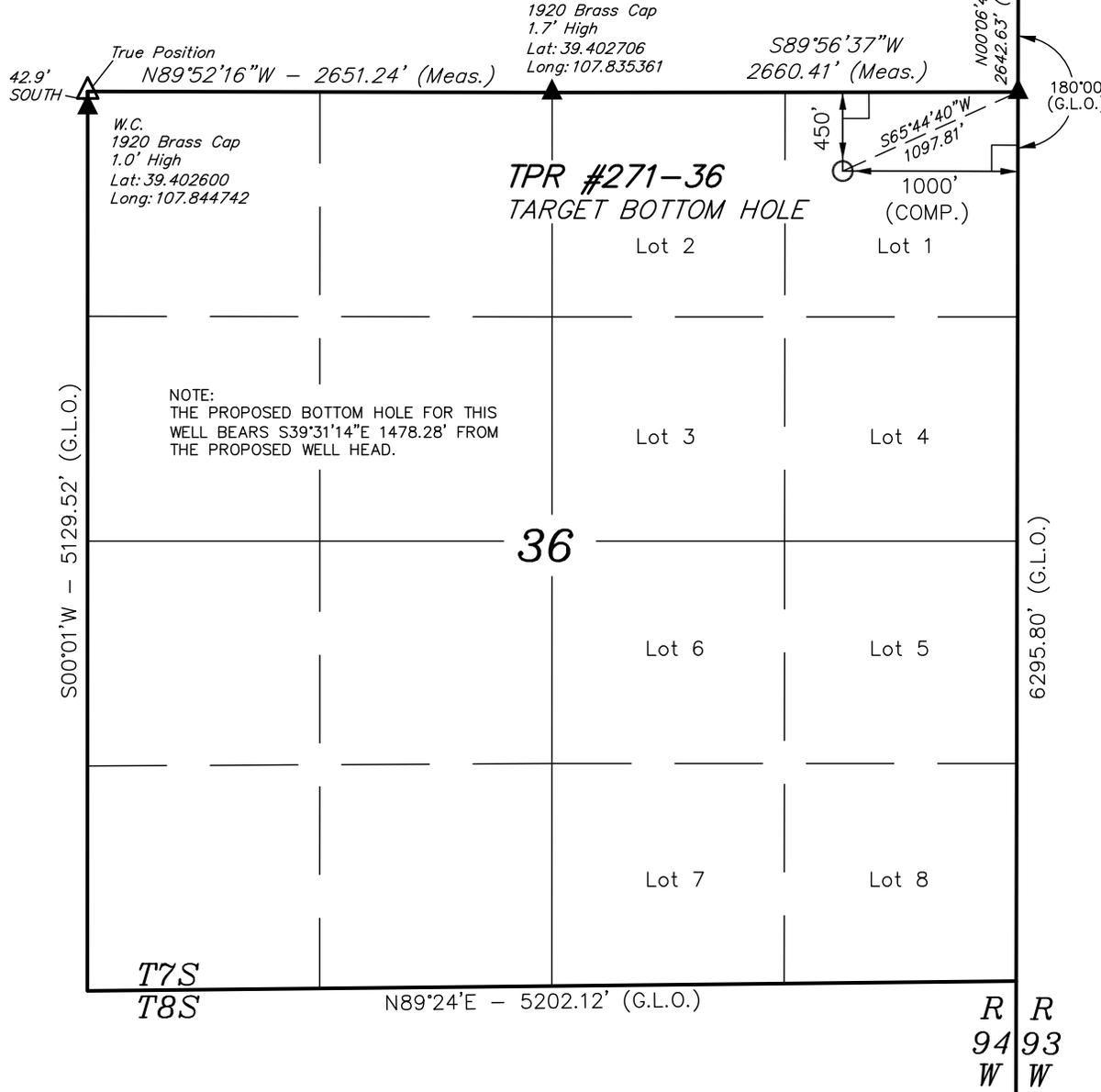
SCALE 1" = 1000'	DATE SURVEYED: 03-23-10	DATE DRAWN: 04-16-10
PARTY B.J. G.O. C.H.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE BLACK DIAMOND MINERALS, LLC	

T7S, R94W, 6th P.M.

E 1/4 Cor. Sec. 25
1920 Brass Cap
0.9' High
Lat: 39.409969
Long: 107.825939

BLACK DIAMOND MINERALS, LLC

Well location, TPR #271-36 (TARGET BOTTOM HOLE), located as shown in Lot 1 of Section 36, T7S, R94W, 6th P.M., Garfield County, Colorado.

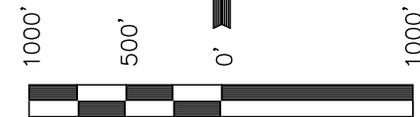


BASIS OF ELEVATION

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.



SCALE

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.

Paul J. G. O.
17492
REGISTERED LAND SURVEYOR
REGISTRATION NO. 17492
STATE OF COLORADO

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

LEGEND:

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

NAD 83 (SURFACE LOCATION)	
LATITUDE = 39°24'05.32" (39.401478)	
LONGITUDE = 107°49'46.16" (107.829489)	
NAD 27 (SURFACE LOCATION)	
LATITUDE = 39°24'05.40" (39.401500)	
LONGITUDE = 107°49'43.93" (107.828869)	

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	

T7S, R94W, 6th P.M.

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

BLACK DIAMOND MINERALS, LLC

Well location, TPR #278-25, located as shown in the SW 1/4 SE 1/4 of Section 25, T7S, R94W, 6th P.M., Garfield County, Colorado.

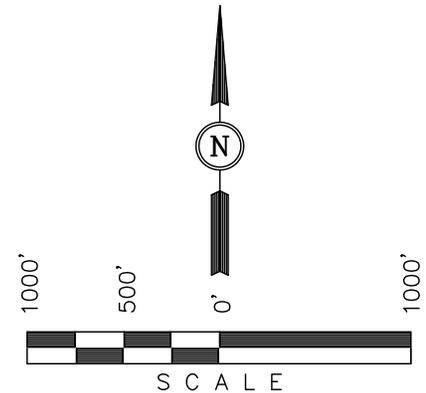
S89°57'W - 5322.30' (G.L.O.)

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.

REGISTERED LAND SURVEYOR
 REGISTRATION NO. 17492
 STATE OF COLORADO

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 400' OF THE PROPOSED DISTURBANCE.

25

TPR #278-25

Elev. Ungraded Ground = 9129'

Bottom Hole

1932'

Lot 4

1000'

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

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

42.9' SOUTH
 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

LEGEND:

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

NAD 83 (TARGET BOTTOM HOLE)		NAD 83 (SURFACE LOCATION)	
LATITUDE = 39°24'10.86" (39.403017)	LATITUDE = 39°24'16.42" (39.404561)	LATITUDE = 39°24'16.42" (39.404561)	LATITUDE = 39°24'16.49" (39.404581)
LONGITUDE = 107°49'46.15" (107.829486)	LONGITUDE = 107°49'58.01" (107.832781)	LONGITUDE = 107°49'58.01" (107.832781)	LONGITUDE = 107°49'55.78" (107.832161)
NAD 27 (TARGET BOTTOM HOLE)		NAD 27 (SURFACE LOCATION)	
LATITUDE = 39°24'10.93" (39.403036)	LATITUDE = 39°24'16.49" (39.404581)	LATITUDE = 39°24'16.49" (39.404581)	LATITUDE = 39°24'16.49" (39.404581)
LONGITUDE = 107°49'43.92" (107.828867)	LONGITUDE = 107°49'55.78" (107.832161)	LONGITUDE = 107°49'55.78" (107.832161)	LONGITUDE = 107°49'55.78" (107.832161)

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

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	

T7S, R94W, 6th P.M.

BLACK DIAMOND MINERALS, LLC

Well location, TPR #311-6 (SURFACE LOCATION), located as shown in the SW 1/4 SE 1/4 of Section 25, T7S, R94W, 6th P.M., Garfield County, Colorado.

S89°46'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

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

Lot 1

Lot 2

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

C.C. SW Cor Sec 30
1948 Brass Cap 1.0' High
Lat: 39.409594
Long: 107.825939

Lot 3

Lot 4

C.C. SW Cor Sec 31
1947 Brass Cap 1.7' High
Lat: 39.403919
Long: 107.825967

R 94 W
R 93 W

TPR #311-6

Elev. Ungraded Ground = 9129'

LINE TABLE		
LINE	BEARING	LENGTH
L1	N01°22'34"E	138.91'
L2	N00°17'33"E	137.31'
L3	S00°35'27"E	437.55'

NOTE:
SEE ADDENDUM TO LEGAL PLAT FOR EXISTING IMPROVEMENTS WITHIN 400' OF THE PROPOSED DISTURBANCE.

1920 Brass Cap 1.8' High
Lat: 39.409997
Long: 107.844758

NOTE:
THE PROPOSED BOTTOM HOLE FOR THIS WELL IS LOCATED IN LOT 12 OF SECTION 6, T8S, R93W, 6th P.M. AT A DISTANCE OF 500' FNL 300' FWL. IT BEARS S71°54'23"E 2354.75' FROM THE PROPOSED WELL HEAD.

42.9' SOUTH True Position

N89°52'16"W - 2651.29' (Meas.)

S89°56'37"W - 2660.41' (Meas.)

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

W.C.
1920 Brass Cap 1.0' High
Lat: 39.402600
Long: 107.844742

LEGEND:

└─┘ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

PDOP = 3.7

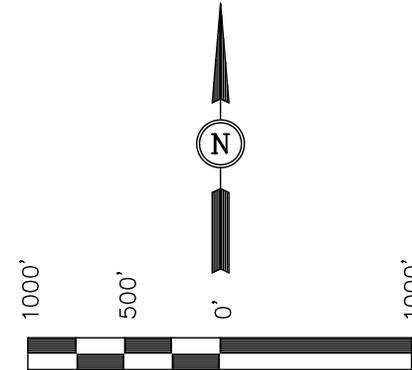
NAD 83 (SURFACE LOCATION)	
LATITUDE = 39°24'16.37" (39.404547)	
LONGITUDE = 107°49'58.11" (107.832808)	
NAD 27 (SURFACE LOCATION)	
LATITUDE = 39°24'16.44" (39.404567)	
LONGITUDE = 107°49'55.88" (107.832189)	

BASIS OF ELEVATION

BENCH MARK 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 (TOPOGRAPHICAL 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.



SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED AND LOCATION AS SHOWN WAS STAKED ON THE GROUND 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.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 17492
STATE OF COLORADO

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

SCALE 1" = 1000'	DATE SURVEYED: 04-18-08	DATE DRAWN: 04-19-10
PARTY B.J. C.H.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE BLACK DIAMOND MINERALS, LLC	

BLACK DIAMOND MINERALS, LLC

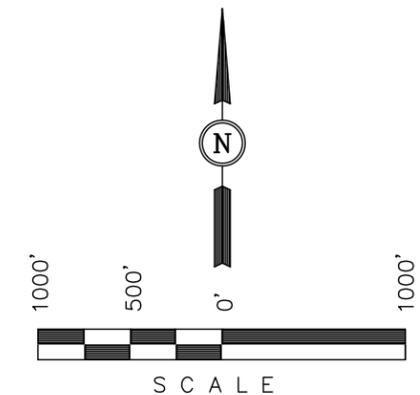
Well location, TPR #311-6 (TARGET BOTTOM HOLE), located as shown in Lot 12 of Section 6, T8S, R93W, 6th P.M., Garfield County, Colorado.

BASIS OF ELEVATION

BENCH MARK 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 (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5546.19 FEET.

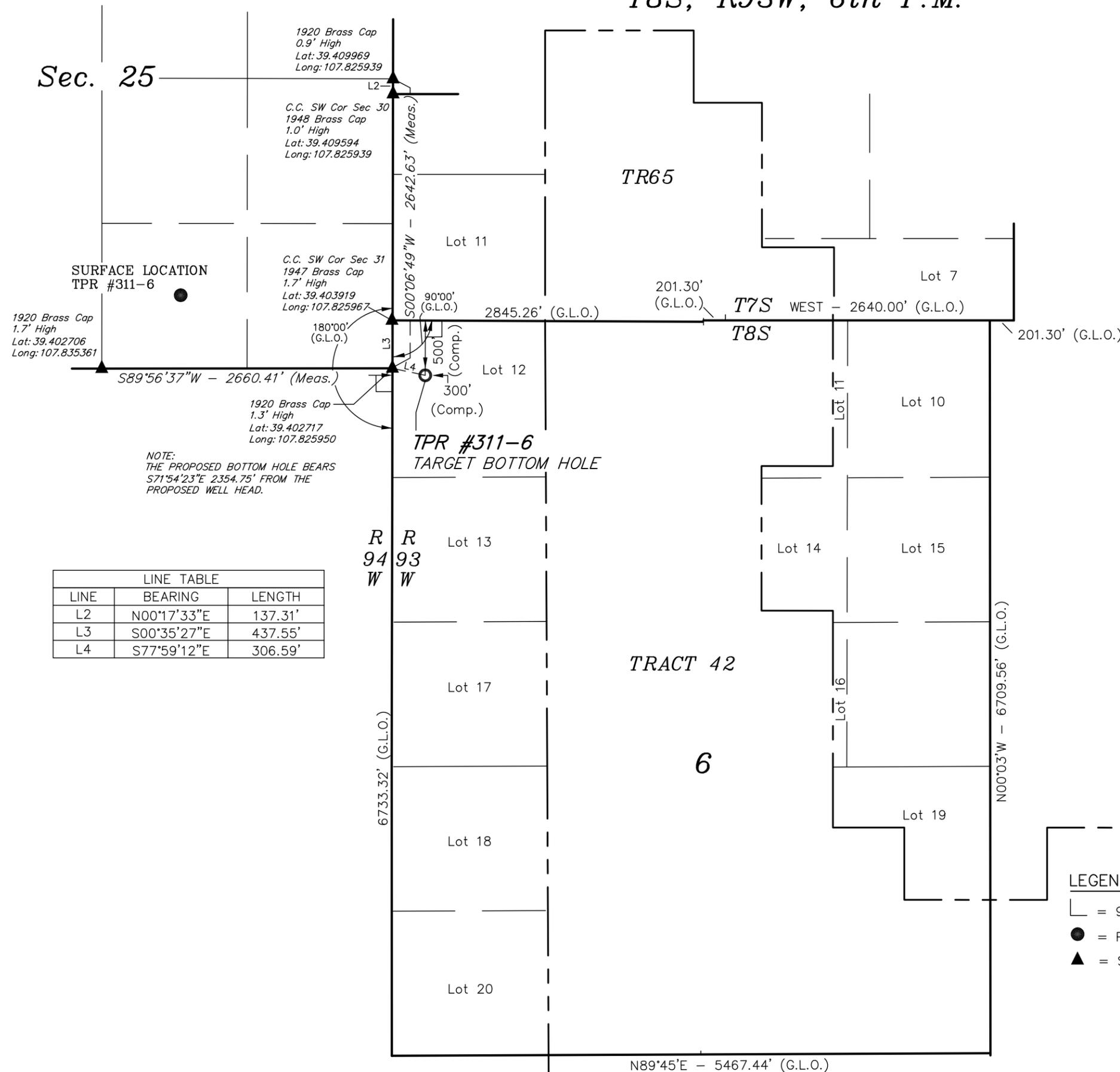
BASIS OF BEARINGS

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



T8S, R93W, 6th P.M.

Sec. 25



1920 Brass Cap
0.9' High
Lat: 39.40969
Long: 107.825939

C.C. SW Cor Sec 30
1948 Brass Cap
1.0' High
Lat: 39.409594
Long: 107.825939

C.C. SW Cor Sec 31
1947 Brass Cap
1.7' High
Lat: 39.403919
Long: 107.825967

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

NOTE:
THE PROPOSED BOTTOM HOLE BEARS
S71°54'23"E 2354.75' FROM THE
PROPOSED WELL HEAD.

LINE	BEARING	LENGTH
L2	N00°17'33"E	137.31'
L3	S00°35'27"E	437.55'
L4	S77°59'12"E	306.59'

R
94
W

R
93
W

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

NAD 83 (TARGET BOTTOM HOLE)
LATITUDE = 39°24'09.16" (39.402544)
LONGITUDE = 107°49'29.60" (107.824889)
NAD 27 (TARGET BOTTOM HOLE)
LATITUDE = 39°24'09.23" (39.402564)
LONGITUDE = 107°49'27.37" (107.824269)

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED AND LOCATION AS SHOWN WAS STAKED ON THE GROUND 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.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 17492
STATE OF COLORADO

UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 03-24-08	DATE DRAWN: 04-19-10
PARTY B.J. C.H.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE BLACK DIAMOND MINERALS, LLC	