

T5N, R90W, 5th. P.M.

1914 Brass Cap,
2.0' High, Pile of
Stones, S/E/W
Fence
Lat: 40.349025°
Long: 107.509222°

S89°33'02"W - 2676.46' (Meas.)

S88°19'48"W - 2678.96' (Meas.)

1914 Brass Cap,
0.2' High, Pile of
Stones, Steel Post
Lat: 40.348753°
Long: 107.528425°

1914 Brass Cap,
0.4' High, E/W
Fence
Lat: 40.348811°
Long: 107.518828°

S04°52'40"E - 5305.53' (Meas.)

NOTE:
THE PROPOSED BOTTOM HOLE BEARS S28°45'48"W
4289.45' FROM THE PROPOSED WELL HEAD WHICH
IS LOCATED IN THE NW 1/4 NW 1/4 OF SECTION
33, T5N, R90W, 6th. P.M. AT A DISTANCE OF
1205' FNL 1012' FNL.

32

S28°45'48"W - 4289.45'
(To Bottom Hole)

N00°08'29"E - 5339.80' (Meas.)

HERRING DRAW #5-33
Target Bottom Hole

1043'
405'

N89°38'44"E - 2210.78' (Meas.)

N89°19'03"E -
2679.33' (Meas.)

Set Marked Stone
Lat: 40.334372°
Long: 107.509275°

SWEPI LP

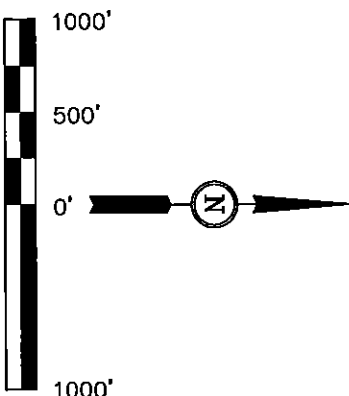
Well location, HERRING DRAW #5-33 (TARGET
BOTTOM HOLE), located as shown in the SE 1/4
SE 1/4 of Section 32, T5N, R90W, 6th. P.M.,
Moffat County, Colorado.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHEAST CORNER OF SECTION 31,
T5N, R90W, 6th P.M. TAKEN FROM THE HAMILTON
QUADRANGLE, COLORADO, MOFFAT COUNTY, 7.5 MINUTE QUAD
(TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES
DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID
ELEVATION IS MARKED AS BEING 6664 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. 17490
STATE OF COLORADO
08-17-12

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

SCALE 1" = 1000'
DATE SURVEYED: 08-17-12 DATE DRAWN: 08-17-12

PARTY D.N. Z.L. REFERENCES G.L.O. PLAT

WEATHER HOT FILE SWEPI LP

LEGEND:

— = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)
LATITUDE = 40°20'07.62" (40.335450)
LONGITUDE = 107°30'46.84" (107.513011)
NAD 27 (TARGET BOTTOM HOLE)
LATITUDE = 40°20'07.71" (40.335475)
LONGITUDE = 107°30'44.61" (107.512392)

75N, R90W, 5th. P.M.

SWEPI LP

1914 Brass Cap,
2.0' High, Pile of
Stones, S/E/W
Lat: 40.349025°
Long: 107.509225°

1914 Brass Cap,
2.3' High, Pile of
Stones
Lat: 40.349286°
Long: 107.489947°

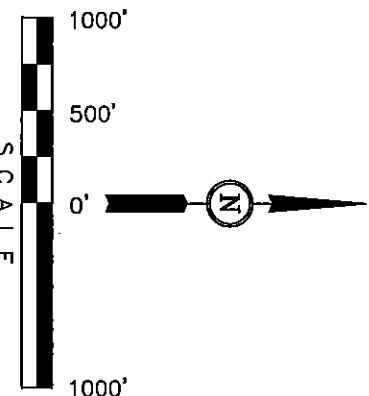
Well location, HERRING DRAW #5-33 (SURFACE LOCATION), located as shown in the NW 1/4 NW 1/4 of Section 33, T5N, R90W, 6th. P.M., Moffat County, Colorado.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHEAST CORNER OF SECTION 31, T5N, R90W, 6th P.M. TAKEN FROM THE HAMILTON QUADRANGLE, COLORADO, MOFFAT COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6664 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. 12821
STATE OF COLORADO
08-17-12

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

SCALE 1" = 1000'
DATE SURVEYED: 08-17-12
DATE DRAWN: 08-17-12

PARTY D.N. Z.L.
REFERENCES G.L.O. PLAT

WEATHER HOT
FILE SWEPI LP

LEGEND:

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

N00°08'29"E - 5339.80' (Meas.)

N88°56'20"E - 2695.12' (Meas.)

N88°59'05"E - 2680.31' (Meas.)

1914 Brass Cap,
1.0' High, N/S
Fence, Cursonite
Post
Lat: 40.349158°
Long: 107.489558°

HERRING DRAW #5-33
Elev. Ungraded Ground = 6804'

S28°45'48"W - 4288.45'
(To Bottom Hole)

NOTE:
THE PROPOSED BOTTOM HOLE FOR THIS WELL IS LOCATED IN THE SE 1/4 SE 1/4 OF SECTION 32, T5N, R90W, 5th. P.M. AT A DISTANCE OF 405' FSL 1043' FEL. IT BEARS S28°45'48"W 4288.45' FROM THE PROPOSED WELL HEAD.

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

Set Marked Stone
Lat: 40.334372°
Long: 107.509275°

N89°40'08"E - 2642.62' (Meas.)

S89°30'W - 2628.78' (G.L.O.)

1908 Brass Cap,
1.0' High
Lat: 40.334411°
Long: 107.499797°

S01°22'W - 5372.40' (G.L.O.)

PDOP = 2.1

NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°20'44.76" (40.345767)	
LONGITUDE = 107°30'20.18" (107.505606)	
NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°20'44.85" (40.345792)	
LONGITUDE = 107°30'17.96" (107.504989)	

