

T6N, R67W, 6th P.M.

R
67
66
W
W

GREAT WESTERN OIL & GAS COMPANY

Well location, HCW FD #24-36D, located as shown in the SE 1/4 SW 1/4 of Section 24, T6N, R67W, 6th P.M., Weld County, Colorado.

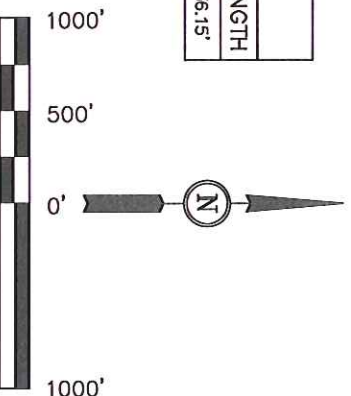
BASIS OF ELEVATION

USGS COOPERATIVE BASE NETWORK CONTROL STATION, DESIGNATION "VERMILYEA", NGS DATA SHEET LISTS THE NAVD 88 ELEVATION AS BEING 5026 FEET

BASIS OF BEARINGS

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

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S85°25'13"E	236.15'



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.

REGISTERED AND SURVEYOR
REGISTRATION NO. 172492
STATE OF COLORADO
03-22-12

UNTAEH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE
1" = 1000'

DATE SURVEYED: 02-20-12 DATE DRAWN: 03-15-12

PARTY
D.N. G.W. T.B.

REFERENCES
G.L.O. PLAT

WEATHER
COLD

FILE

GREAT WESTERN OIL & GAS COMPANY

LEGEND:

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

NAD 83 (TARGET BOTTOM HOLE)		NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°27'55.08" (40.465300)	LONGITUDE = 104°50'31.21" (104.842003)	LATITUDE = 40°27'55.28" (40.465356)	LONGITUDE = 104°50'34.25" (104.842847)
NAD 27 (TARGET BOTTOM HOLE)		NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°27'55.15" (40.465319)	LONGITUDE = 104°50'29.32" (104.841478)	LATITUDE = 40°27'55.35" (40.465375)	LONGITUDE = 104°50'32.36" (104.842322)

PDOP = 1.8

N01°03'26"W - 2640.06' (Meas.)

N00°14'45"W - 2623.01' (Meas.)

N88°47'02"E - 2679.84' (Meas.)

N88°34'54"E - 2627.37' (Meas.)

24

S89°07'46"W - 2611.28' (Meas.)

S00°03'23"W - 2663.80' (Meas.)

S00°17'03"E - 2581.56' (Meas.)

1996 Priv. Alum. Cap
1.0' Below Ground,
LS #17242
Lat: 40.465433°
Long: 104.832517°

1992 Priv. Alum. Cap
0.8' Below Ground,
LS #19385
Lat: 40.465167°
Long: 104.851406°

1992 Priv. Alum. Cap
0.5' Below Ground,
LS #17242
Lat: 40.479706°
Long: 104.841842°

2006 Alum. Cap
0.6' Below Ground,
In Mon Box
LS #33642
Lat: 40.479808°
Long: 104.851469°

1996 Alum. Cap
0.5' Below Ground,
In Mon Box
LS #17242
Lat: 40.479706°
Long: 104.841842°

1999 Alum. Cap
0.5' Below Ground,
In Mon Box
LS #12374
Lat: 40.479825°
Long: 104.832400°

W.C. 1992 Alum. Cap
Flush W/ Ground,
LS #20685
Lat: 40.472411°
Long: 104.842019°

1991 Alum. Cap
Flush W/ Ground,
LS #20685
Lat: 40.472517°
Long: 104.832489°

HCW FD #24-36D

Elev. Ungraded Ground = 4744'

2382'

2617'

2640'

Bottom Hole

N88°28'57"E
1305.71' (Meas.)

N88°28'51"E
1305.60' (Meas.)

1992 Priv. Alum. Cap
Flush W/ Ground,
LS #20685
Lat: 40.465300°
Long: 104.841897°

2002 Alum. Cap
1.2' Below Ground,
LS #30462
Lat: 40.465367°
Long: 104.837208°