

T10N, R58W, 6th P.M.

WHITING OIL & GAS CORP.

2011 UELS Alum. Cap.
#17492
Lat: 40.830928°
Long: 103.880225°

2012 UELS Alum. Cap.
#28285, 0.3' High
Lat: 40.831072°
Long: 103.870636°

2012 UELS Alum. Cap.
#28285,
0.5' Below Ground
Lat: 40.831214°
Long: 103.861069°

N88°54'00"E
2648.73' (Meas.)

N88°54'08"E - 2655.05' (Meas.)

N00°39'38"W - 2599.56' (Meas.)

N00°28'15"W - 2645.80' (Meas.)

2012 UELS Alum. Cap.
#28285, 0.3' High
Lat: 40.823794°
Long: 103.880114°

2012 UELS Alum. Cap.
#28285,
0.5' Below Ground
Lat: 40.823953°
Long: 103.860986°

21

RAZOR #21B-2811A
Elev. Ungraded Ground = 4839'

1947'

2010 UELS Alum. Cap.
#17492, Flush W/ Ground
Lat: 40.816664°
Long: 103.880000°

2012 UELS Alum. Cap.
0.5' High
Lat: 40.816736°
Long: 103.870442°

2010 UELS Alum. Cap.
0.5' Below Ground
Lat: 40.816692°
Long: 103.860906°

S89°38'23"E - 2640.06' (Meas.)

N89°26'39"E - 2646.52' (Meas.)

LEGEND:

└─ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

PDOP = 1.4

NAD 83 (SURFACE LOCATION)

LATITUDE = 40°49'48.73" (40.830203)

LONGITUDE = 103°52'05.13" (103.868092)

NAD 27 (SURFACE LOCATION)

LATITUDE = 40°49'48.78" (40.830217)

LONGITUDE = 103°52'03.32" (103.867589)

BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE NORTHEAST CORNER OF SECTION 15, T9N, R58W, 6th P.M. TAKEN FROM THE GATEHOOK SPRING, QUADRANGLE, COLORADO, WELD COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4679 FEET.

BASIS OF BEARINGS

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

1000' 0' 500' 1000'

S C A L E

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
STATE OF COLORADO
REGISTRATION # 17492
EXPIRATION DATE 03-08-13

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

SCALE 1" = 1000' DATE SURVEYED: 02-22-13 DATE DRAWN: 03-01-13

PARTY J.H. C.M. A.D. REFERENCES G.L.O. PLAT

WEATHER COLD FILE WHITING OIL & GAS CORP.

T10N, R58W, 6th P.M.

WHITING OIL & GAS CORP.

2010 UELS Alum. Cap,
#17492, Flush W/Ground
Lat: 40.816664°
Long: 103.860000°

2012 UELS Alum. Cap,
0.5' High
Lat: 40.816736°
Long: 103.870442°

2010 UELS Alum. Cap,
0.5' Below Ground
Lat: 40.816692°
Long: 103.860906°

Surface
Location

N89°26'39"E - 2646.52' (Meas.) S89°38'23"E - 2640.06' (Meas.)

N00°39'32"W - 2650.44' (Meas.)

N00°50'25"W - 2652.82' (Meas.)

NOTE:
THE PROPOSED BOTTOM HOLE BEARS
S01°36'22"E 7481.36' FROM THE PROPOSED
WELL HEAD WHICH IS LOCATED IN THE NW
1/4 NE 1/4 OF SECTION 21, T10N, R58W,
6th P.M. AT 330' FNL 1947' FEL.

2012 UELS Alum. Cap,
#28285, 0.1' High
Lat: 40.809389°
Long: 103.879886°

2012 UELS Alum. Cap,
#28285, 0.6' Below Ground
Lat: 40.809414°
Long: 103.860764°

RAZOR #21B-2811A
Target Bottom Hole

1815'

S01°36'22"E - 7481.36'

2012 UELS Alum. Cap,
#28285, 0.2' High
Lat: 40.802128°
Long: 103.870197°

N89°57'03"E - 2651.65' (Meas.)

N89°57'02"E - 2651.62' (Meas.)

2010 UELS Alum. Cap,
0.3' High
Lat: 40.802117°
Long: 103.879772°

2010 UELS Alum. Cap,
0.5' Below Ground
Lat: 40.802136°
Long: 103.860622°

— = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

LEGEND:

NAD 83 (TARGET BOTTOM HOLE)

LATITUDE = 40°48'34.85" (40.809681)

LONGITUDE = 103°52'02.37" (103.867325)

NAD 27 (TARGET BOTTOM HOLE)

LATITUDE = 40°48'34.90" (40.809694)

LONGITUDE = 103°52'00.56" (103.866822)

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1000' 500' 0' 500' 1000'

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REGISTERED LAND SURVEYOR
REGISTRATION NO. 17492
STATE OF COLORADO
04-04-13

REVISION: 04-04-13

UNTAAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

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PARTY

J.H. C.M. A.D.

WEATHER

COLD

REFERENCES

G.L.O. PLAT

FILE

WHITING OIL & GAS CORP.