

T10N, R58W, 6th P.M.

WHITING OIL & GAS CORP.

2012 UELS Alum. Cap,
#28285, 0.3' High
Lat: 40.860647°
Long: 103.823292°

2012 UELS Alum. Cap,
#28285, 0.3' High
Lat: 40.860664°
Long: 103.813706°

2006 Private Alum.
Cap, #24949,
0.6' Below Ground
Lat: 40.860678°
Long: 103.804117°

R
58
W

R
57
W

N89°51'36"E - 2652.47' (Meas.) N89°51'36"E - 2652.47' (Meas.)

N00°28'29"W - 2650.08' (Meas.)

N00°31'10"W - 2647.68' (Meas.)

2524'

RAZOR FEDERAL #12H-1316B
Elev. Graded Ground = 4947'

12

S04°21'07"E
7994.08'

663'

2006 Private Alum.
Cap, #24949,
0.6' Below Ground
Lat: 40.853414°
Long: 103.804036°

2012 UELS Alum. Cap,
#28285, 0.3' High
Lat: 40.853375°
Long: 103.823214°

NOTE:
THE PROPOSED TARGET BOTTOM HOLE FOR
THIS WELL IS LOCATED IN THE SE 1/4 SE
1/4 OF SECTION 13, T10N, R58W, 6th P.M.,
AT 100' FSL 165' FEL. IT BEARS
S04°21'07"E 7994.08' FROM THE PROPOSED
WELL HEAD.

N00°28'29"W - 2650.08' (Meas.)

N01°11'48"W - 2649.08' (Meas.)

2010 Alum. Cap,
Flush With Ground,
T-Post, Large Stones
Lat: 40.846106°
Long: 103.823136°

1917 BLM Brass Cap,
Fence
Lat: 40.846147°
Long: 103.803839°

N89°49'09"E - 2670.18' (Meas.) N89°49'09"E - 2670.18' (Meas.)

2012 UELS Alum. Cap,
#28285, 0.3' High
Lat: 40.846125°
Long: 103.813489°

Target
Bottom
Hole

PDOP = 1.5

LEGEND:

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

NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°51'13.50" (40.853750)	
LONGITUDE = 103°48'23.16" (103.806433)	
NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°51'13.55" (40.853764)	
LONGITUDE = 103°48'21.36" (103.805933)	

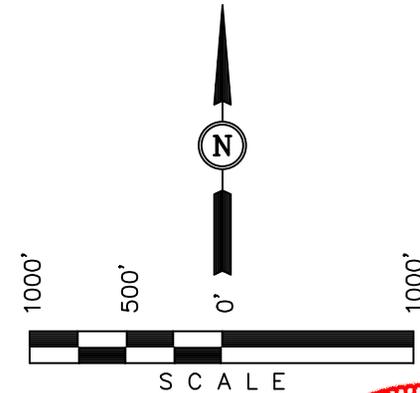
Well location, RAZOR FEDERAL #12H-1316B
(SURFACE LOCATION), located as shown in the SE
1/4 NE 1/4 of Section 12, T10N, R58W, 6th P.M.,
Weld County, Colorado.

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.



CERTIFICATION

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. 28285
STATE OF COLORADO

REVISED: 07-12-13

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

SCALE 1" = 1000'	DATE SURVEYED: 05-10-13	DATE DRAWN: 05-15-13
PARTY J.H. C.M. A.D.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE WHITING OIL & GAS CORP.	

T10N, R58W, 6th P.M.

2010 Alum. Cap,
Flush With Ground,
T-Post, Large Stones
Lat: 40.846106°
Long: 103.823136°

2012 UELS Alum. Cap,
#28285, 0.3' High
Lat: 40.846125°
Long: 103.813489°

Surface
Location  R 58 W R 57 W

WHITING OIL & GAS CORP.

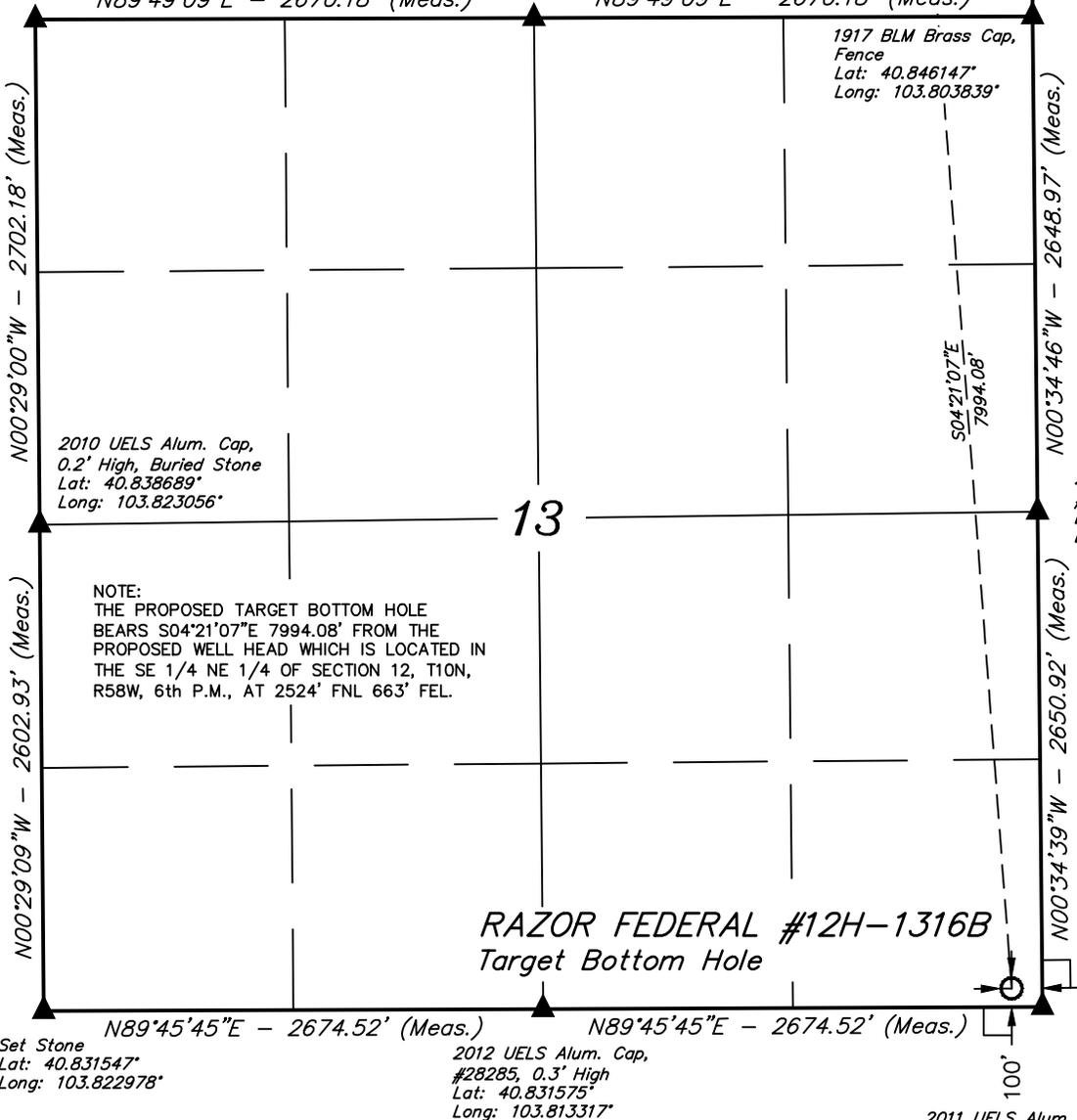
Well location, RAZOR FEDERAL #12H-1316B
(TARGET BOTTOM HOLE), located as shown in the
SE 1/4 SE 1/4 of Section 13, T10N, R58W, 6th
P.M., Weld County, Colorado.

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.



2010 UELS Alum. Cap,
0.2' High, Buried Stone
Lat: 40.838689°
Long: 103.823056°

1917 BLM Brass Cap,
Fence
Lat: 40.846147°
Long: 103.803839°

2012 UELS Alum. Cap,
#28285, 0.1' High
Lat: 40.838878°
Long: 103.803747°

NOTE:
THE PROPOSED TARGET BOTTOM HOLE
BEARS S04°21'07"E 7994.08' FROM THE
PROPOSED WELL HEAD WHICH IS LOCATED IN
THE SE 1/4 NE 1/4 OF SECTION 12, T10N,
R58W, 6th P.M., AT 2524' FNL 663' FEL.

RAZOR FEDERAL #12H-1316B
Target Bottom Hole

Set Stone
Lat: 40.831547°
Long: 103.822978°

2012 UELS Alum. Cap,
#28285, 0.3' High
Lat: 40.831575°
Long: 103.813317°

2011 UELS Alum. Cap,
0.6' Below Ground
Lat: 40.831603°
Long: 103.803653°



SCALE

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BEST OF MY KNOWLEDGE AND BELIEF.



LEGEND:

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

NAD 83 (TARGET BOTTOM HOLE)	
LATITUDE = 40°49'54.75" (40.831875)	LONGITUDE = 103°48'15.31" (103.804253)
NAD 27 (TARGET BOTTOM HOLE)	
LATITUDE = 40°49'54.81" (40.831892)	LONGITUDE = 103°48'13.51" (103.803753)

UINTAH ENGINEERING & LAND SURVEYING		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
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