

T10N, R58W, 6th P.M.

WHITING OIL & GAS CORP.

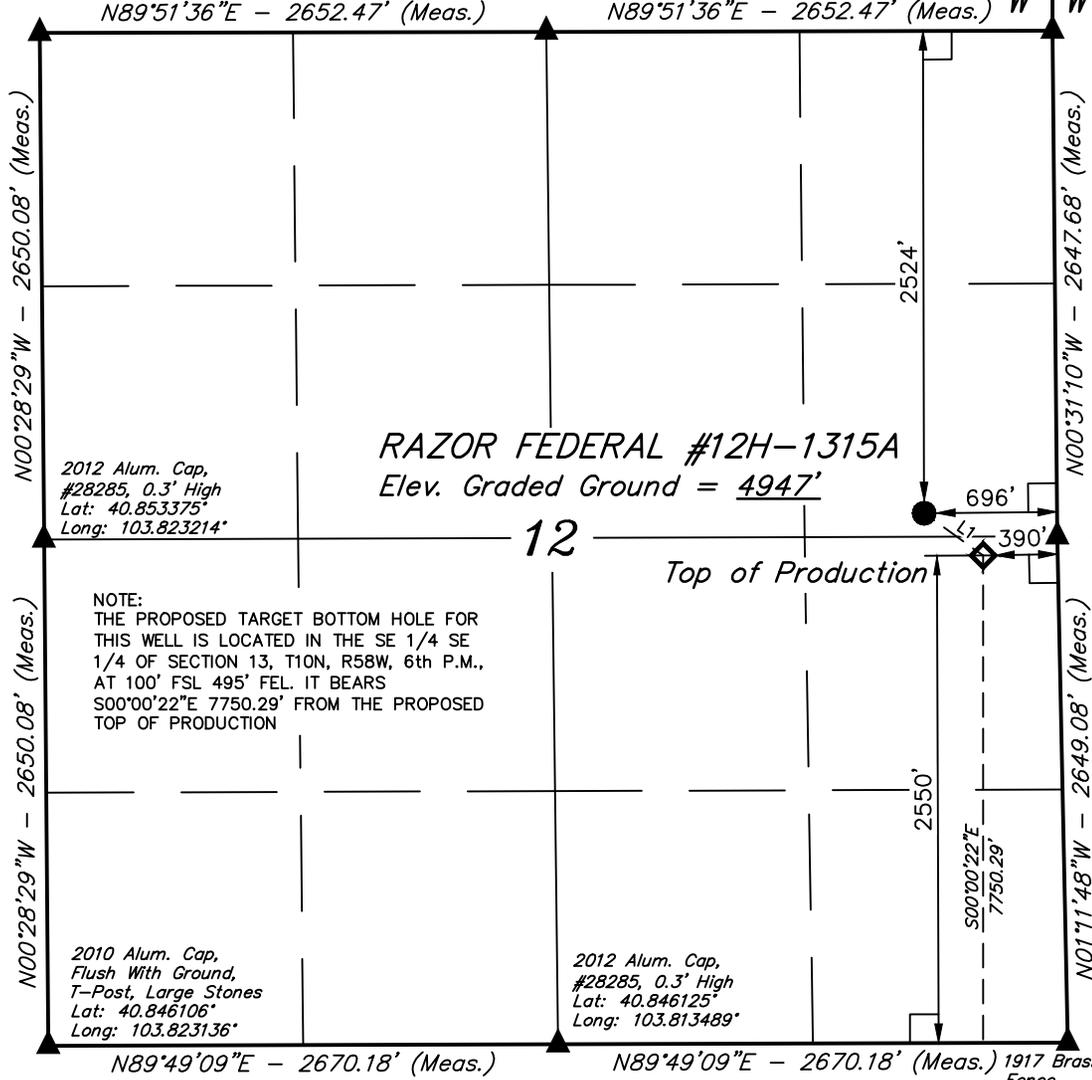
2012 Alum. Cap,
#28285, 0.3' High
Lat: 40.860647°
Long: 103.823292°

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

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

R
58
W

R
57
W



Well location, RAZOR FEDERAL #12H-1315A (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.

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

RAZOR FEDERAL #12H-1315A
Elev. Graded Ground = 4947'

12

Top of Production

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

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 495' FEL. IT BEARS S00°00'22"E 7750.29' FROM THE PROPOSED TOP OF PRODUCTION

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

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

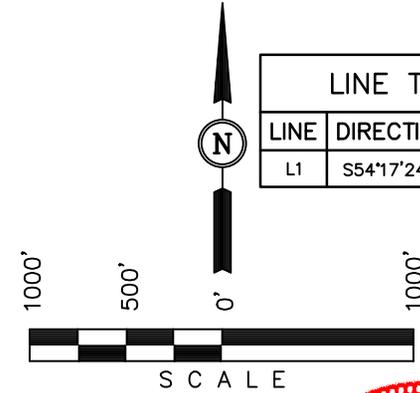
1917 Brass Cap,
Fence
Lat: 40.846147°
Long: 103.803839°

Target
Bottom
Hole

PDOP = 1.5

NAD 83 (TOP OF PRODUCTION)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°51'11.30" (40.853139)	LATITUDE = 40°51'13.50" (40.853750)
LONGITUDE = 103°48'19.58" (103.805439)	LONGITUDE = 103°48'23.59" (103.806553)
NAD 27 (TOP OF PRODUCTION)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°51'11.36" (40.853156)	LATITUDE = 40°51'13.55" (40.853764)
LONGITUDE = 103°48'17.77" (103.804936)	LONGITUDE = 103°48'21.79" (103.806053)

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S54°17'24"E	380.40'



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: 10-19-15 K.B.
REVISED: 07-12-13

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

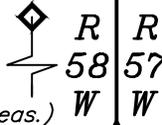
LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELLHEAD.
- ◆ = TOP OF PRODUCTION.
- = TARGET BOTTOM HOLE.
- ▲ = SECTION CORNERS LOCATED.

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.

Top of Production



WHITING OIL & GAS CORP.

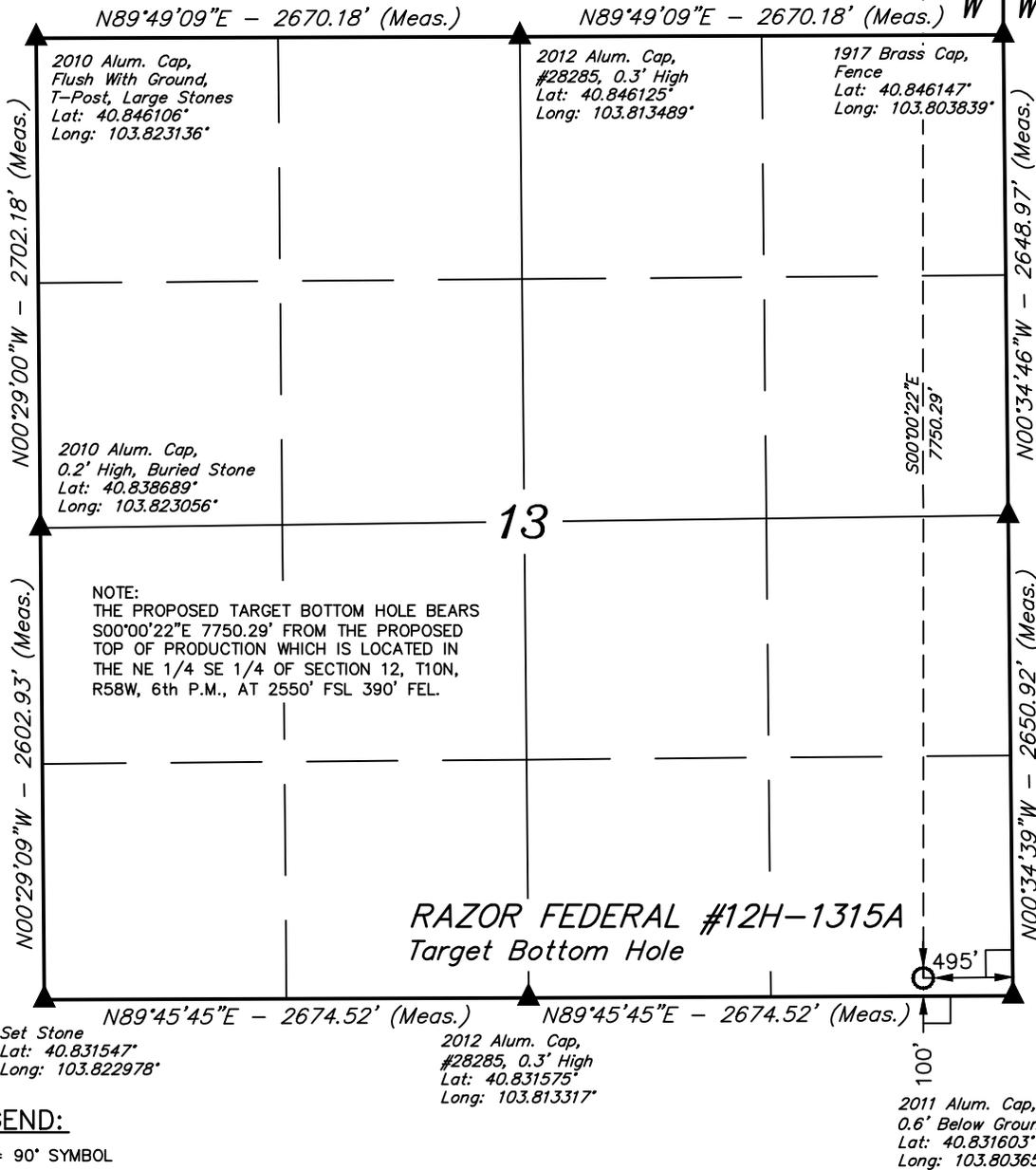
Well location, RAZOR FEDERAL #12H-1315A (TARGET BOTTOM HOLE), located as shown in the SE 1/4 SE 1/4 of Section 13, T10N, R58W, 6th P.M., Weld County, Colorado.

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.



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



SCALE

CERTIFICATION

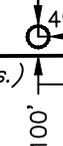
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REGISTERED LAND SURVEYOR
REGISTRATION NO. 28285
STATE OF COLORADO 05-19-15

REVISED: 10-19-15 K.B.
REVISED: 07-12-13

RAZOR FEDERAL #12H-1315A
Target Bottom Hole



LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELLHEAD.
- ◆ = TOP OF PRODUCTION.
- = TARGET BOTTOM HOLE.
- ▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)	
LATITUDE = 40°49'54.74" (40.831872)	
LONGITUDE = 103°48'19.61" (103.805447)	
NAD 27 (TARGET BOTTOM HOLE)	
LATITUDE = 40°49'54.79" (40.831886)	
LONGITUDE = 103°48'17.80" (103.804944)	

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PARTY J.H. C.M. A.D.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE WHITING OIL & GAS CORP.	