

T10N, R58W, 6th P.M.

WHITING OIL & GAS CORP.

2013 UELS Alum. Cap.  
#28285, 0.5' Below Ground  
Lat: 40.860494°  
Long: 103.861425°

2013 UELS Alum. Cap.  
#28285, 0.3' High  
Lat: 40.860519°  
Long: 103.851900°

2012 UELS Alum. Cap, 0.3' High  
Lat: 40.860544°  
Long: 103.842372°

S89°48'48"W - 2635.65' (Meas.)

S89°48'48"W - 2635.65' (Meas.)

N00°38'41"W - 2661.19' (Meas.)

S00°05'43"E - 2650.24' (Meas.)

S00°05'43"E - 2650.24' (Meas.)

RAZOR #10E-1504B  
Elev. Ungraded Ground = 5031'

2013 UELS Alum. Cap, #28285,  
0.5' Below Ground  
Lat: 40.853194°  
Long: 103.861314°

10

10

N00°18'40"W - 2660.88' (Meas.)

S00°05'43"E - 2650.24' (Meas.)

S00°05'43"E - 2650.24' (Meas.)

NOTE:  
THE PROPOSED TARGET BOTTOM HOLE FOR THIS  
WELL IS LOCATED IN THE SW 1/4 SW 1/4 OF  
SECTION 15, T10N, R58W, 6th P.M. AT 100' FSL  
1155' FWL. IT BEARS S03°14'11"E 8233.90'  
FROM THE PROPOSED WELL HEAD.

S03°14'11"E  
8233.90'

S89°34'40"W - 2617.92' (Meas.)

S89°34'40"W - 2617.92' (Meas.)

2013 UELS Alum. Cap,  
#28285, 0.3' High  
Lat: 40.845892°  
Long: 103.861261°

2013 UELS Alum. Cap,  
#28285, 0.3' High  
Lat: 40.845944°  
Long: 103.851800°

Stone  
Lat: 40.846000°  
Long: 103.842342°

Target Bottom Hole

LEGEND:

— = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

PDOP = 1.6

NAD 83 (SURFACE LOCATION)

LATITUDE = 40°51'14.79" (40.854108)

LONGITUDE = 103°51'30.91" (103.858586)

NAD 27 (SURFACE LOCATION)

LATITUDE = 40°51'14.84" (40.854122)

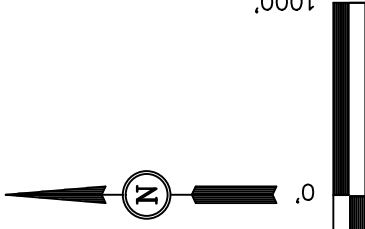
LONGITUDE = 103°51'29.10" (103.858083)

## 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.



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 LAND SURVEYOR  
STATE OF COLORADO  
REGISTRATION NO. 17492  
EXPIRATION DATE 09-06-13

REVISED: 07-06-13

UNTIAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

PDOP = 1.6

SCALE

1" = 1000'

PARTY

D.N. G.W. J.S.

WEATHER

WARM

DATE SURVEYED: 05-07-13

DATE DRAWN: 05-08-13

REFERENCES

G.L.O. PLAT

FILE

WHITING OIL & GAS CORP.

T10N, R58W, 6th P.M.

WHITING OIL & GAS CORP.

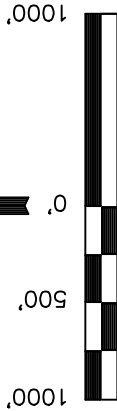
Well location, RAZOR #10E-1504B (TARGET BOTTOM HOLE), located as shown in the SW 1/4 SW 1/4 of Section 15, T10N, R58W, 6th P.M., Weld County, Colorado.

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CO  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 17492  
STATE OF COLORADO  
05-08-13

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

SCALE 1" = 1000'	DATE SURVEYED: 05-07-13	DATE DRAWN: 05-08-13
PARTY D.N. G.W. J.S.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE	
		WHITING OIL & GAS CORP.

NAD 83 (TARGET BOTTOM HOLE)

LATITUDE = 40°49'53.58" (40.831550)
LONGITUDE = 103°51'24.84" (103.856900)
NAD 27 (TARGET BOTTOM HOLE)
LATITUDE = 40°49'53.63" (40.831564)
LONGITUDE = 103°51'23.03" (103.856397)

LEGEND:

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

