

# T10N, R58W, 6th P.M.

Target Bottom Hole

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

S88°54'08"W  
 2655.05' (Meas.)

N02°38'59"W  
 8316.13'

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

S88°54'00"W - 2648.73' (Meas.)

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

**RAZOR #21C-0905**  
 Elev. Graded Ground = 4844'

N00°39'33"W - 2599.56' (Meas.)

1798'

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

**21**

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

N00°28'17"W - 2645.80' (Meas.)

N00°39'38"W - 2599.57' (Meas.)

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

NOTE:  
 THE PROPOSED TARGET BOTTOM HOLE FOR THIS WELL IS LOCATED IN THE NE 1/4 SW 1/4 OF SECTION 9, T10N, R58E, 6th P.M. AT 2556' FSL 1485' FWL. IT BEARS N02°38'59"W 8316.13' FROM THE PROPOSED WELLHEAD.

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°

N00°28'12"W - 2645.80' (Meas.)

S89°26'39"W - 2646.52' (Meas.)

N89°38'23"W - 2640.06' (Meas.)

## WHITING OIL & GAS CORP.

Well location, RAZOR #21C-0905, (SURFACE LOCATION), located as shown in the NE 1/4 NW 1/4 of Section 21, 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.



SCALE

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.



REV.: 03-20-14 H.K.W.  
 REV.: 03-05-14 H.K.W.  
 REV.: 06-29-13 B.D.H.  
 REV.: 04-10-13 J.W.

REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 28285  
 STATE OF COLORADO

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

### LEGEND:

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

PDOP = 2.0

<b>NAD 83 (SURFACE LOCATION)</b>
LATITUDE = 40°49'48.45" (40.830125)
LONGITUDE = 103°52'25.37" (103.873714)
<b>NAD 27 (SURFACE LOCATION)</b>
LATITUDE = 40°49'48.51" (40.830142)
LONGITUDE = 103°52'23.57" (103.873214)

SCALE 1" = 1000'	DATE SURVEYED: 05-18-12	DATE DRAWN: 05-22-12
PARTY DAVE SWANSON C.T. J.M.H.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE	WHITING OIL & GAS CORP.

# T10N, R58W, 6th P.M.

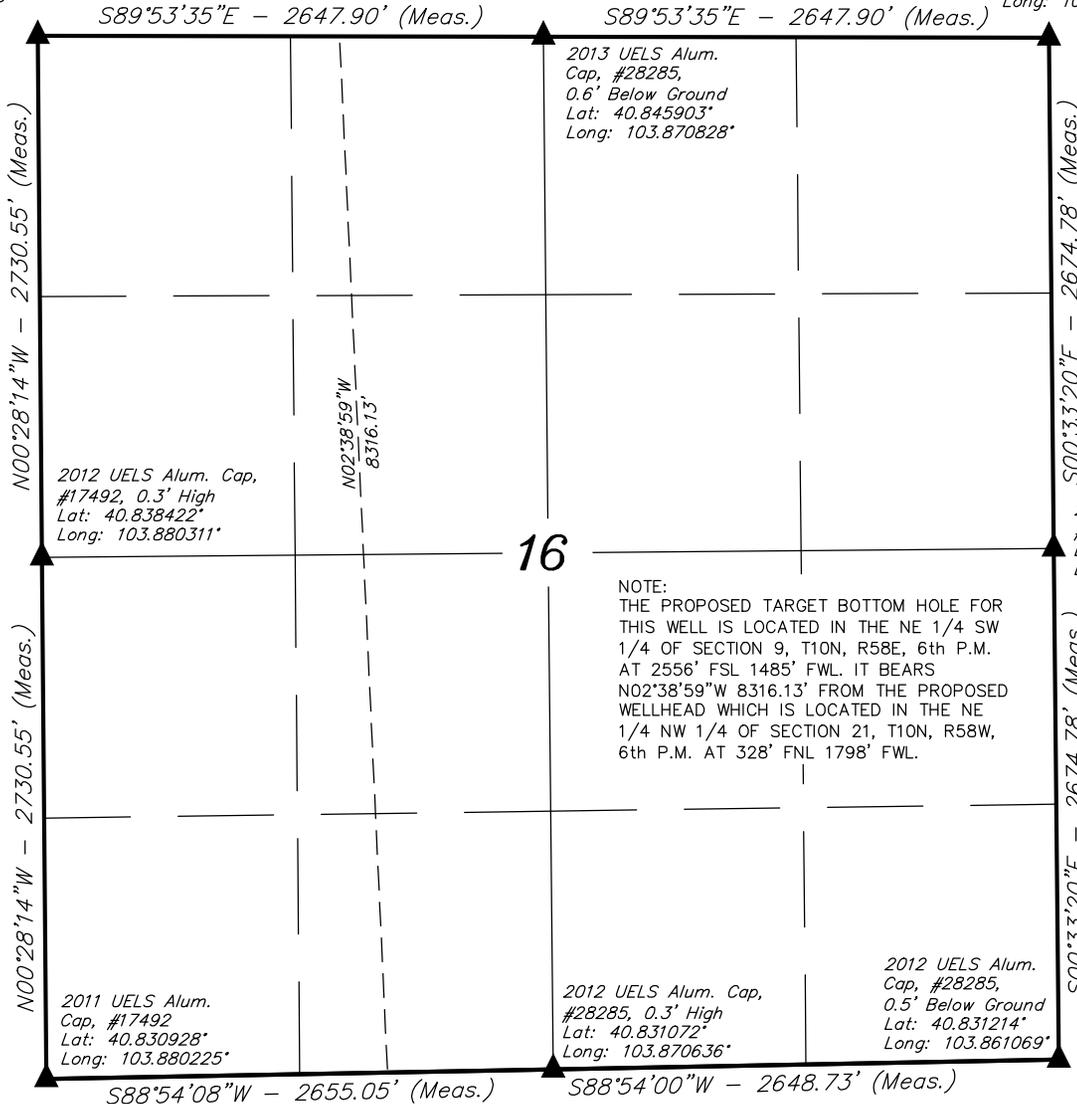
# WHITING OIL & GAS CORP.

2011 UELS Alum. Cap,  
#17492, 0.5' Below Road  
Lat: 40.845914°  
Long: 103.880397°

**RAZOR #21C-0905**  
Target Bottom Hole

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

Well location, RAZOR #21C-0905, located in the NE 1/4 NW 1/4 of Section 21, T10N, R58W, 6th P.M., Weld County, Colorado.

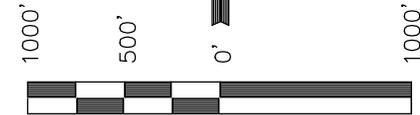


## BASIS OF ELEVATION

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

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## CERTIFICATION

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REV.: 05-21-14 K.B.  
REV.: 03-20-14 H.K.W.  
REV.: 03-05-14 H.K.W.  
REV.: 06-29-13 B.D.H.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 28285  
STATE OF COLORADO

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

## LEGEND:

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

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°51'10.52" (40.852922)	LATITUDE = 40°49'48.45" (40.830125)
LONGITUDE = 103°52'30.42" (103.875117)	LONGITUDE = 103°52'25.37" (103.873714)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°51'10.57" (40.852936)	LATITUDE = 40°49'48.51" (40.830142)
LONGITUDE = 103°52'28.61" (103.874614)	LONGITUDE = 103°52'23.57" (103.873214)

SCALE 1" = 1000'	DATE SURVEYED: 05-18-12	DATE DRAWN: 05-22-12
PARTY DAVE SWANSON C.T. J.M.H.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE	WHITING OIL & GAS CORP.

# T10N, R58W, 6th P.M.

# WHITING OIL & GAS CORP.

2012 UELS Alum. Cap,  
#17492, 0.3' High,  
Lat: 40.860422°  
Long: 103.880575°

2013 UELS Alum. Cap,  
0.3' High, #28285,  
Lat: 40.860461°  
Long: 103.871003°

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

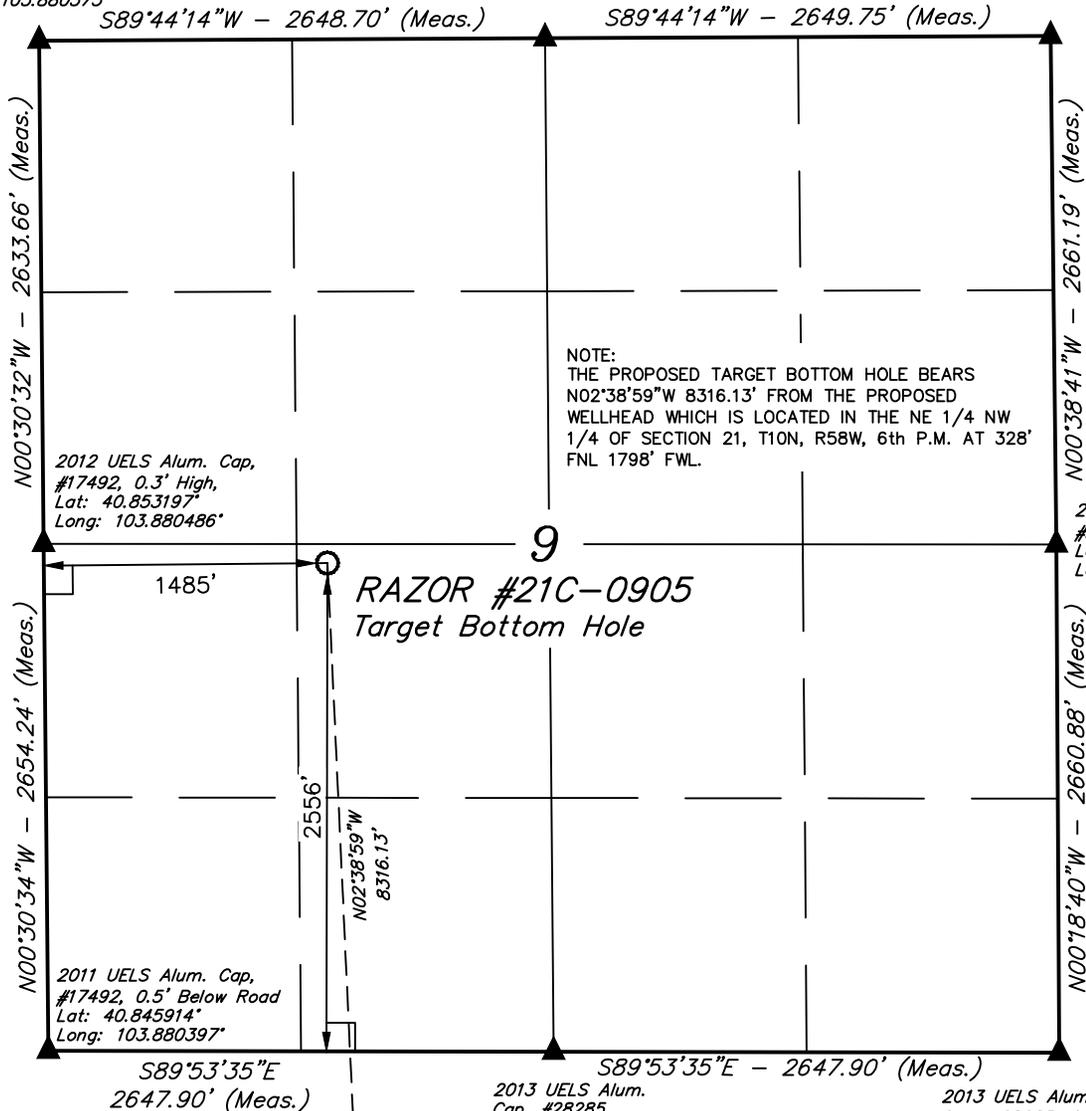
Well location, RAZOR #21C-0905, (TARGET BOTTOM HOLE), located as shown in the NE 1/4 SW 1/4 of Section 9, T10N, R58W, 6th P.M., Weld County, Colorado.

## BASIS OF ELEVATION

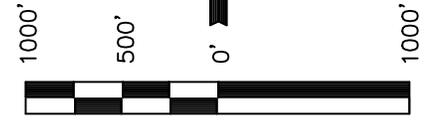
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## BASIS OF BEARINGS

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



NOTE:  
THE PROPOSED TARGET BOTTOM HOLE BEARS  
N02°38'59"W 8316.13' FROM THE PROPOSED  
WELLHEAD WHICH IS LOCATED IN THE NE 1/4 NW  
1/4 OF SECTION 21, T10N, R58W, 6th P.M. AT 328'  
FNL 1798' FWL.



SCALE

CERTIFICATE

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REV.: 03-05-14 H.K.W.  
REV.: 04-10-13 J.W.  
REV.: 03-21-13 H.K.W.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 28285  
STATE OF COLORADO

- LEGEND:**
- └─┘ = 90° SYMBOL
  - = PROPOSED WELLHEAD.
  - ▲ = SECTION CORNERS LOCATED.

Surface Location

<b>NAD 83 (TARGET BOTTOM HOLE)</b>
LATITUDE = 40°51'10.52" (40.852922)
LONGITUDE = 103°52'30.42" (103.875117)
<b>NAD 27 (TARGET BOTTOM HOLE)</b>
LATITUDE = 40°51'10.57" (40.852936)
LONGITUDE = 103°52'28.61" (103.874614)

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(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 02-21-13	DATE DRAWN: 02-25-13
PARTY JEREMY HARRIS C.M. H.K.W.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE WHITING OIL & GAS CORP.	