

# T10N, R58W, 6th P.M.

2012 UELS Alum.  
Cap 0.3' High  
Lot: 40.860544  
Long: 103.842322

Target  
Bottom  
Hole

N89°35'04"E - 2639.67' (Meas.)

N89°35'04"E - 2639.67' (Meas.)

2012 UELS Alum.  
Cap 0.3' High  
Lot: 40.860597  
Long: 103.832833

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

N03°51'42"W  
7052.05'

2320'

N00°05'43"W - 2650.24' (Meas.)

1906'

2012 UELS Alum.  
Cap 0.3' High  
Lot: 40.853272  
Long: 103.842356

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

11

RAZOR #11F-0205A  
Elev. Ungraded Ground = 4993'

N00°05'43"W - 2650.24' (Meas.)

N00°28'29"W - 2650.08' (Meas.)

N89°34'55"E - 2657.22' (Meas.)

N89°34'55"E - 2657.22' (Meas.)

2012 UELS Alum.  
Cap 0.3' High  
Lot: 40.846053  
Long: 103.832739

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

NOTE:  
THE PROPOSED TARGET BOTTOM HOLE FOR  
THIS WELL IS LOCATED IN LOT 3 OF  
SECTION 2, T10N, R58W, 6th P.M., AT 600'  
FNL 1485' FWL. IT BEARS N03°51'42"W  
7052.05' FROM THE PROPOSED WELL HEAD.

Stone  
Lot: 40.846000  
Long: 103.842342

## LEGEND:

— = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

PDOP = 1.5

NAD 83 (SURFACE LOCATION)

LATITUDE = 40°51'15.18" (40.854217)

LONGITUDE = 103°50'07.70" (103.835472)

NAD 27 (SURFACE LOCATION)

LATITUDE = 40°51'15.23" (40.854231)

LONGITUDE = 103°50'05.89" (103.824989)

## WHITTING OIL & GAS CORP.

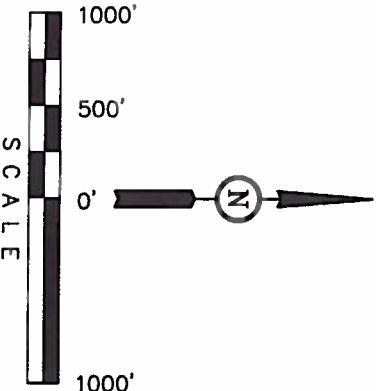
Well location, RAZOR #RAZOR #11F-0205A  
(SURFACE LOCATION), located as shown in the SE  
1/4 NW 1/4 of Section 11, T10N, R58W, 6th P.M.,  
Weld County, Colorado.

### 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.



### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEY 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: 07-05-13

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

SCALE  
1" = 1000'

PARTY  
D.N. G.W. B.D.H.

WEATHER  
WARM

DATE SURVEYED: 05-13-13 DATE DRAWN: 05-14-13

REFERENCES  
G.L.O. PLAT

FILE  
WHITTING OIL & GAS CORP.

# T10N, R58W, 6th P.M.

2012 Alum. Cap  
0.5' High  
File of Stones  
P.L.S. #28285  
Lot: 40.875150°  
Long: 103.842578°

N89°43'10"E  
2649.68' (Meas.)

N89°43'10"E - 2649.68' (Meas.)

T11N Section 2, T10N, R58W, 6th P.M., Weld County, T10NColorado.

## 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 UELS Alum. Cap,  
#28285, 0.3' High  
Lot: 40.867919°  
Long: 103.823356°

N00°23'40"W - 2660.69' (Meas.)

N00°36'35"W - 2672.91' (Meas.)

2012 UELS Alum.  
Cap 0.3' High  
Lot: 40.867817°  
Long: 103.842475°

1485'

LOT 3

2012 UELS Alum.  
Cap 0.3' High  
Lot: 40.875166°  
Long: 103.833000°

2012 UELS Alum. Cap,  
#28285, 0.3' High  
Lot: 40.875219°  
Long: 103.823419°

LOT 1

RAZOR #11F-0205A  
Target Bottom Hole

LOT 2

N03°51'42"W  
7052.05'

NOTE:  
THE PROPOSED TARGET BOTTOM HOLE BEARS N03°51'42"W 7052.05' FROM THE PROPOSED WELL HEAD WHICH IS LOCATED IN THE SE 1/4 NW 1/4 OF SECTION 11, T10N, R58W, 6th P.M. AT 2320' FNL 1906' FWL.

N00°36'35"W - 2650.38' (Meas.)

N89°35'04"E - 2639.67' (Meas.)

2012 UELS Alum.  
Cap 0.3' High  
Lot: 40.860597°  
Long: 103.832833°

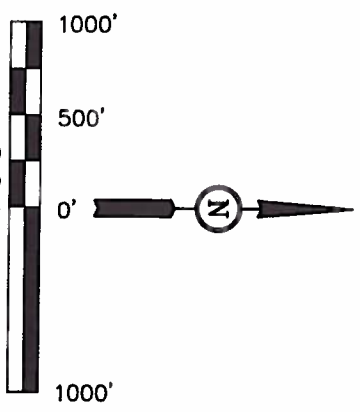
2012 UELS Alum. Cap,  
#28285, 0.3' High  
Lot: 40.860647°  
Long: 103.823292°

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

## LEGEND:

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

NAD 83 (TARGET BOTTOM HOLE)	LATITUDE = 40°52'24.69" (40.873526)
	LONGITUDE = 103°50'13.87" (103.837186)
NAD 27 (TARGET BOTTOM HOLE)	LATITUDE = 40°52'24.74" (40.873539)
	LONGITUDE = 103°50'12.07" (103.836686)



THIS IS TO CERTIFY THAT THE ABOVE SURVEY WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



REVISED: 07-05-13

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85 SOUTH 200 EAST - VERNAL, UTAH 84078  
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SCALE 1" = 1000'	DATE SURVEYED: 05-13-13	DATE DRAWN: 05-14-13
PARTY D.N. G.W. B.D.H.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE WHITTING OIL & GAS CORP.	