

T10N, R58W, 6th P.M.

WHITING OIL & GAS CORP.

Target Bottom Hole

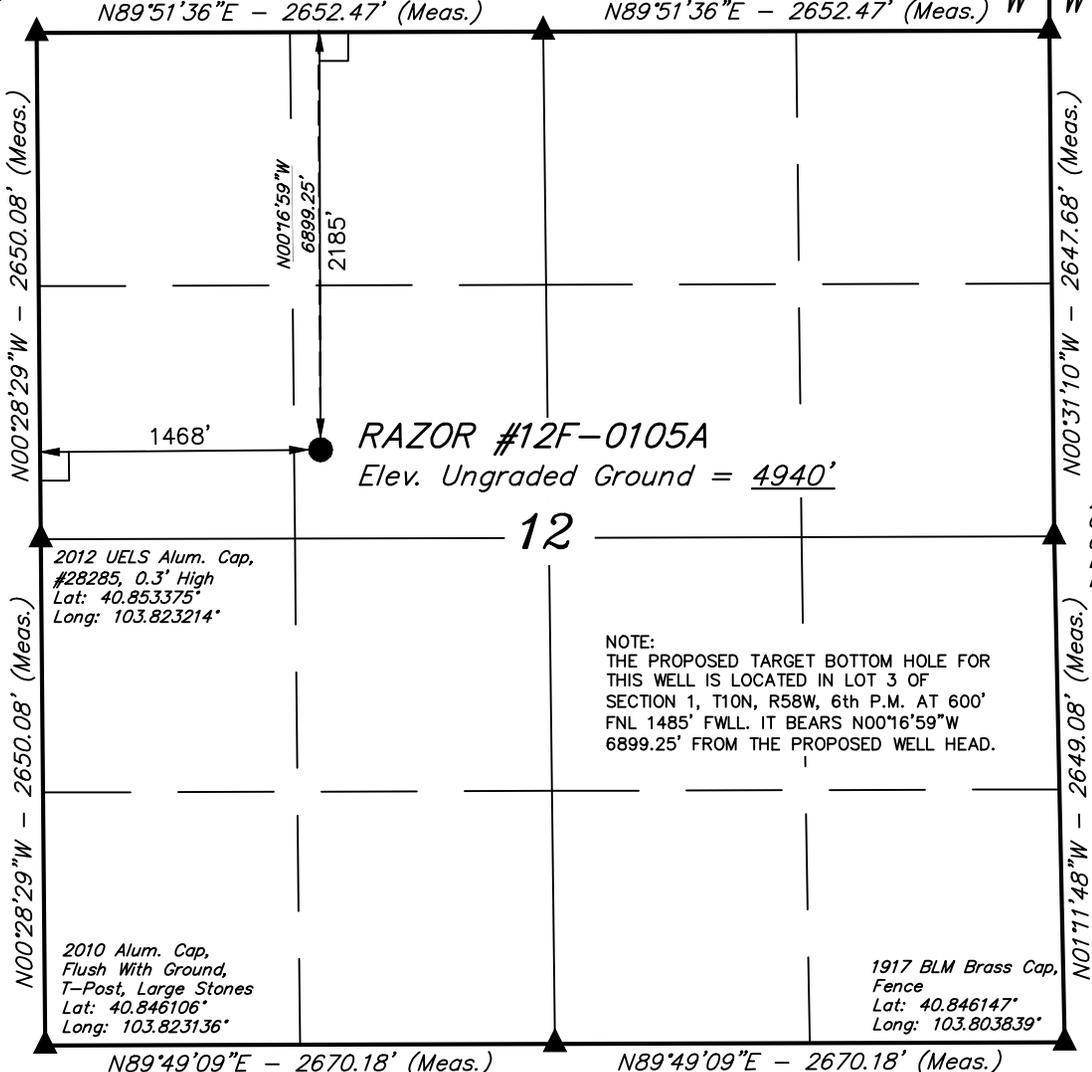
2012 UELS Alum. Cap,
#28285, 0.3' High
Lat: 40.860647°
Long: 103.823292°

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



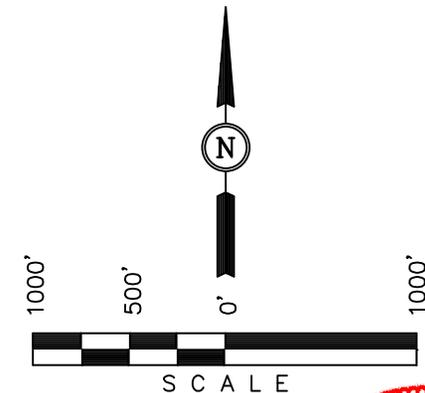
Well location, RAZOR #12F-0105A (SURFACE LOCATION), located as shown in the SE 1/4 NW 1/4 of Section 12, T10N, R58W, 6th P.M., Weld County, Colorado.

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.



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

RAZOR #12F-0105A
Elev. Ungraded Ground = 4940'

12

NOTE:
THE PROPOSED TARGET BOTTOM HOLE FOR THIS WELL IS LOCATED IN LOT 3 OF SECTION 1, T10N, R58W, 6th P.M. AT 600' FNL 1485' FWLL. IT BEARS N00°16'59"W 6899.25' FROM THE PROPOSED WELL HEAD.

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

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°

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

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.

[Signature]

REGISTERED LAND SURVEYOR
REGISTRATION NO. 28285
STATE OF COLORADO 05-16-13

REV: 07-02-13 B.D.H.

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

LEGEND:

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

PDOP = 2.0

NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°51'16.78" (40.854661)	
LONGITUDE = 103°49'04.51" (103.817919)	
NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°51'16.83" (40.854675)	
LONGITUDE = 103°49'02.71" (103.817419)	

SCALE 1" = 1000'	DATE SURVEYED: 05-14-13	DATE DRAWN: 05-20-13
PARTY J.H. K.H. A.D.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE WHITING OIL & GAS CORP.	

T10N, R58W, 6th P.M.

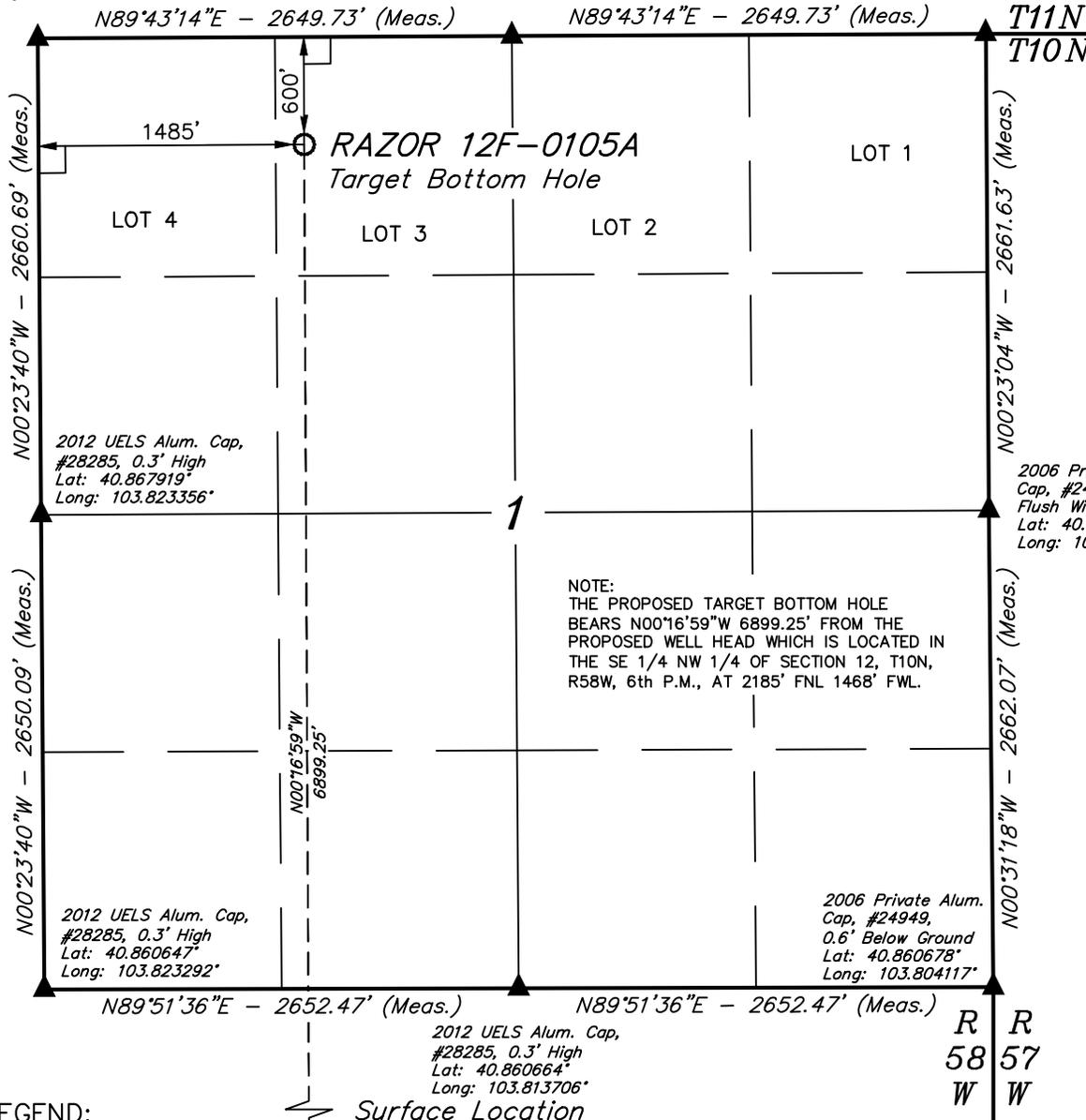
WHITING OIL & GAS CORP.

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

2012 UELS Alum. Cap,
#28285, 0.3' High
Lat: 40.875286°
Long: 103.813842°

1917 BLM Brass Cap,
0.5' High, N-W Fence
Lat: 40.875286°
Long: 103.804261°

Well location, RAZOR #12F-0105A (TARGET BOTTOM HOLE), located as shown in LOT 3 of Section 1, T10N, R58W, 6th P.M., Weld County, Colorado.

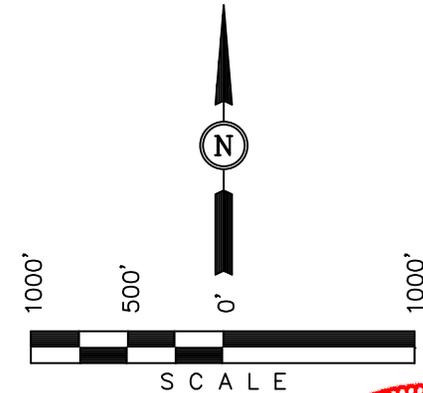


BASIS OF ELEVATION

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.



NOTE:
THE PROPOSED TARGET BOTTOM HOLE BEARS N00°16'59"W 6899.25' FROM THE PROPOSED WELL HEAD WHICH IS LOCATED IN THE SE 1/4 NW 1/4 OF SECTION 12, T10N, R58W, 6th P.M., AT 2185' FNL 1468' FWL.

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.

[Signature]
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 28285
 STATE OF COLORADO
 05-16-13

REV: 07-02-13 B.D.H.

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LEGEND:

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

NAD 83 (TARGET BOTTOM HOLE)	
LATITUDE =	40°52'24.94" (40.873594)
LONGITUDE =	103°49'04.93" (103.818036)
NAD 27 (TARGET BOTTOM HOLE)	
LATITUDE =	40°52'24.99" (40.873608)
LONGITUDE =	103°49'03.13" (103.817536)

SCALE 1" = 1000'	DATE SURVEYED: 05-14-13	DATE DRAWN: 05-20-13
PARTY J.H. K.H. A.D.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE WHITING OIL & GAS CORP.	