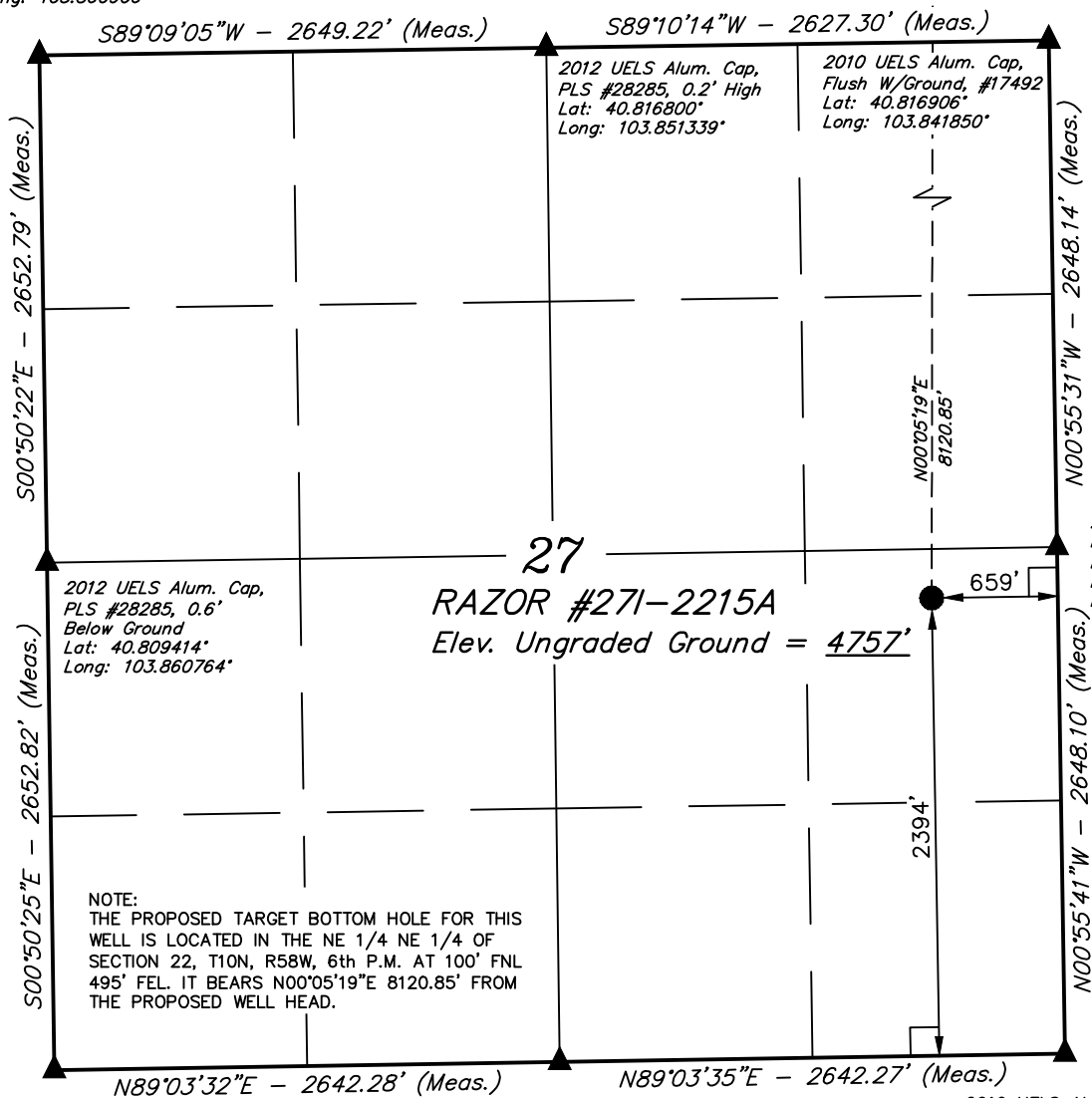


2010 UELS Alum. Cap,
0.5' Below Ground
Lat: 40.816692°
Long: 103.860906°

T10N, R58W, 6th P.M.

Target Bottom Hole



NOTE:
THE PROPOSED TARGET BOTTOM HOLE FOR THIS
WELL IS LOCATED IN THE NE 1/4 NE 1/4 OF
SECTION 22, T10N, R58W, 6th P.M. AT 100' FNL
495' FEL. IT BEARS N00°05'19"E 8120.85' FROM
THE PROPOSED WELL HEAD.

2010 UELS Alum. Cap,
0.5' Below Ground
Lat: 40.802136°
Long: 103.860622°

2012 UELS Alum. Cap,
PLS #28285, 0.1'
Below Ground
Lat: 40.802256°
Long: 103.851081°

2010 UELS Alum. Cap,
Flush W/Ground, RLS
#17492, E-W Fence
Lat: 40.802375°
Long: 103.841542°

LEGEND:

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

PDOP = 1.3

NAD 83 (SURFACE LOCATION)	
LATITUDE	= 40°48'32.08" (40.808911)
LONGITUDE	= 103°50'38.61" (103.844058)
NAD 27 (SURFACE LOCATION)	
LATITUDE	= 40°48'32.13" (40.808925)
LONGITUDE	= 103°50'36.81" (103.843558)

WHITING OIL & GAS CORP.

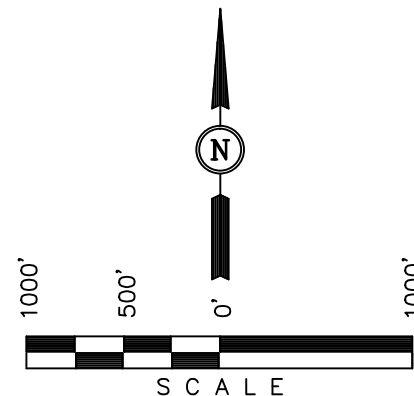
Well location, RAZOR #271-2215A (SURFACE
LOCATION), located as shown in the NE 1/4 SE
1/4 of Section 27, T10N, R58W, 6th P.M., Weld
County, Colorado.

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 MAP 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. 17492
STATE OF COLORADO
07-02-13

REVISED: 07-02-13 J.S.
REVISED: 03-21-13
REVISED: 03-07-13

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

SCALE 1" = 1000'	DATE SURVEYED: 02-19-13	DATE DRAWN: 02-21-13
PARTY J.H. C.M. B.D.H.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE WHITING OIL & GAS CORP.	

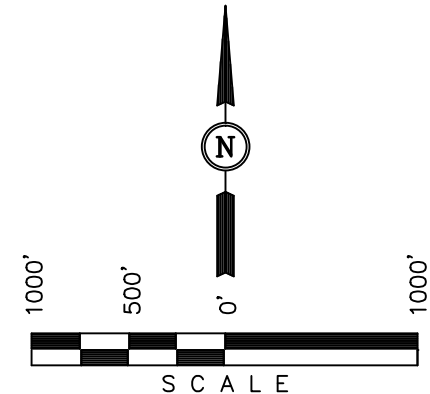
2012, UELS Alum. Cap,
0.5' Below Ground
Lat: 40.831214°
Long: 103.861069° N88

2012, UELS Alum. Cap,
0.5' Below Ground
Lat: 40.831497°
Long: 103.842233°

Well location, RAZOR #271-2215A (TARGET BOTTOM HOLE), located as shown in the NE 1/4 NE 1/4 of Section 22, T10N, R58W, 6th P.M., Weld County, Colorado.

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 IS A G.P.S. OBSERVATION.



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. 17492
STATE OF COLORADO
03-25-13

REVISED: 03-21-13
REVISED: 03-07-13

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

SCALE
1" = 1000'

DATE SURVEYED:	02-19-13
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DATE DRAWN:
02-21-13

PARTY	J.H.	C.M.	B.D.H.
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REFERENCES
G.L.O. PLAT

WEATHER	COLD
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FILE	WHITING OIL & GAS CORP.
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 = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

Surface Hole Location ●

NAD 83 (TARGET BOTTOM HOLE)

LATITUDE = 40°49'52.31" (40.831197)

LONGITUDE = 103°50'38.46" (103.844017)

NAD 27 (TARGET BOTTOM HOLE)

LATITUDE = 40°49'52.36" (40.831211)

LONGITUDE = 103°50'36.65" (103.843514)