

T10N, R58W, 6th P.M.

WHITING OIL & GAS CORP.

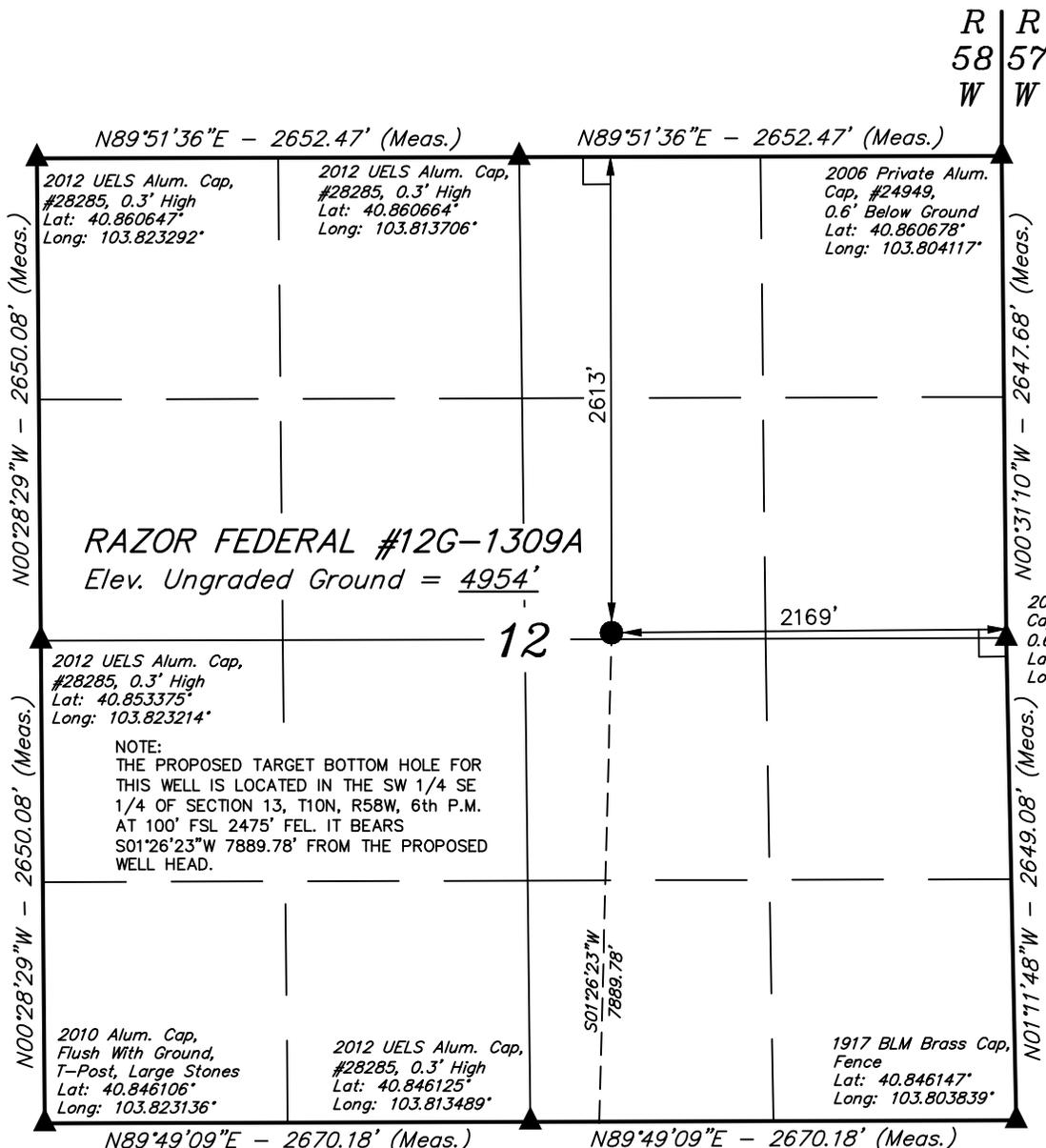
Well location, RAZOR FEDERAL #12G-1309A (SURFACE LOCATION), located as shown in the SW 1/4 NE 1/4 of Section 12, T10N, R58W, 6th P.M., Weld County, Colorado.

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.



R
58
W

R
57
W

N00°28'29"W - 2650.08' (Meas.)

N00°28'29"W - 2650.08' (Meas.)

N00°31'10"W - 2647.68' (Meas.)

N01°11'48"W - 2649.08' (Meas.)

N89°51'36"E - 2652.47' (Meas.)

N89°51'36"E - 2652.47' (Meas.)

RAZOR FEDERAL #12G-1309A
Elev. Ungraded Ground = 4954'

12

2169'

S01°26'23"W
7889.78'

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°

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

NOTE:
THE PROPOSED TARGET BOTTOM HOLE FOR
THIS WELL IS LOCATED IN THE SW 1/4 SE
1/4 OF SECTION 13, T10N, R58W, 6th P.M.
AT 100' FSL 2475' FEL. IT BEARS
S01°26'23"W 7889.78' FROM THE PROPOSED
WELL HEAD.

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

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

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

1917 BLM Brass Cap,
Fence
Lat: 40.846147°
Long: 103.803839°

N89°49'09"E - 2670.18' (Meas.)

N89°49'09"E - 2670.18' (Meas.)

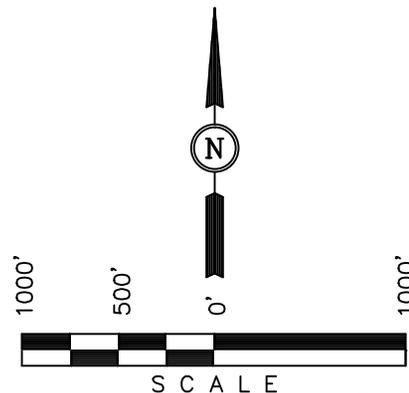
LEGEND:

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

Target
Bottom
Hole

PDOP = 1.2

NAD 83 (SURFACE LOCATION)	
LATITUDE	= 40°51'12.58" (40.853494)
LONGITUDE	= 103°48'42.75" (103.811875)
NAD 27 (SURFACE LOCATION)	
LATITUDE	= 40°51'12.64" (40.853511)
LONGITUDE	= 103°48'40.94" (103.811372)



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

REV: 07-09-13 B.D.H.

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

SCALE 1" = 1000'	DATE SURVEYED: 05-02-13	DATE DRAWN: 05-07-13
PARTY J.H. C.M. H.K.W.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE WHITING OIL & GAS CORP.	

T10N, R58W, 6th P.M.

WHITING OIL & GAS CORP.

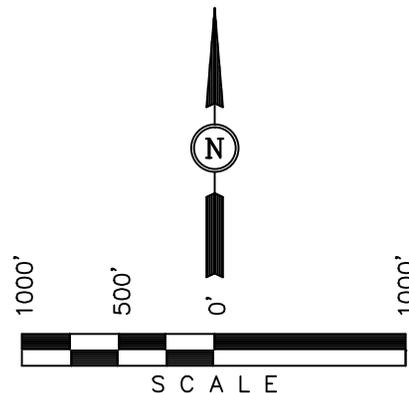
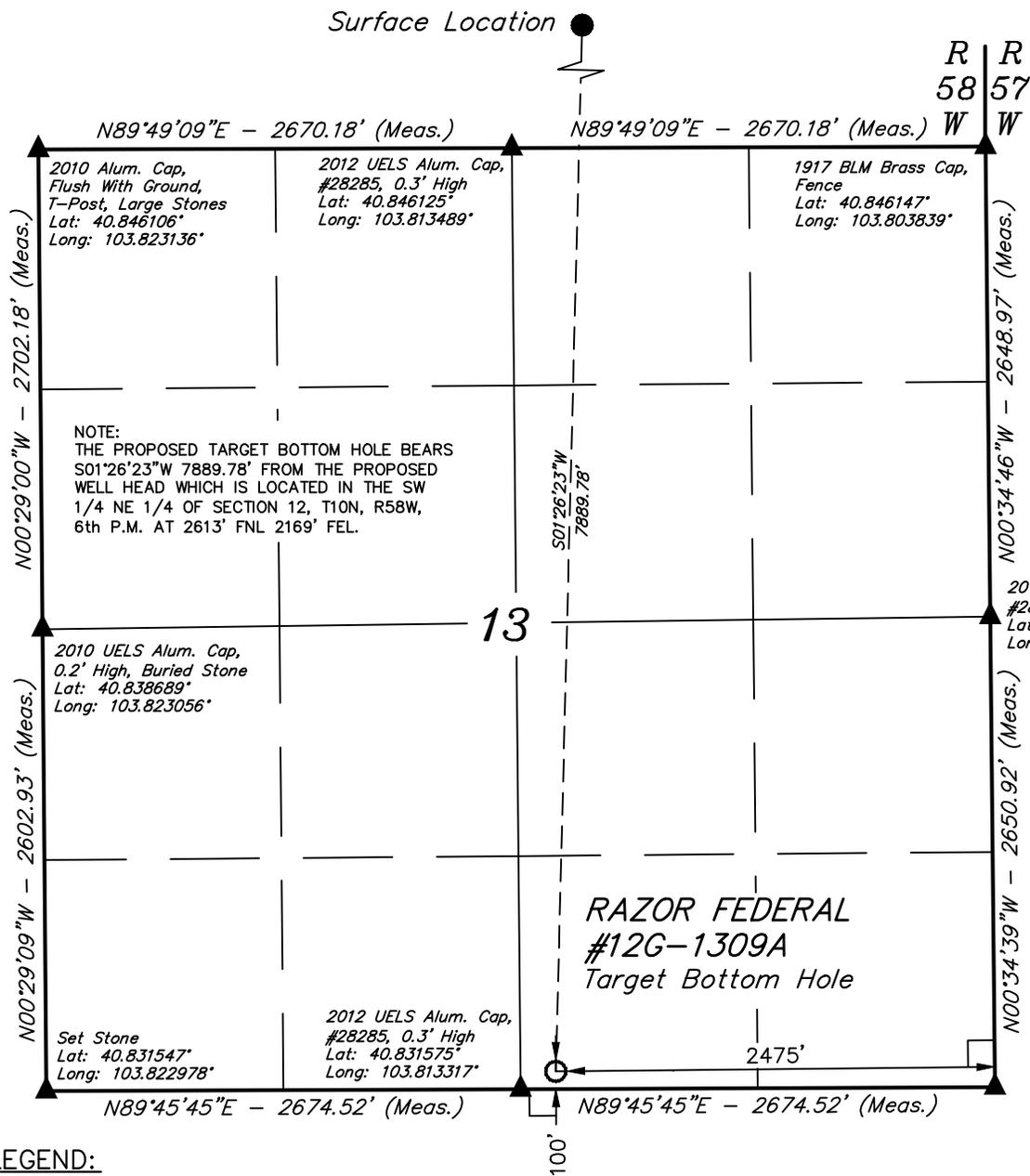
Well location, RAZOR FEDERAL #12G-1309A (TARGET BOTTOM HOLE), located as shown in the SW 1/4 SE 1/4 of Section 13, T10N, R58W, 6th P.M., Weld County, Colorado.

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REGISTERED LAND SURVEYOR
REGISTRATION NO. 28285
STATE OF COLORADO

2011 UELS Alum. Cap, 0.6' Below Ground
Lat: 40.831603°
Long: 103.803653° REV: 07-09-13 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.

NAD 83 (TARGET BOTTOM HOLE)
LATITUDE = 40°49'54.67" (40.831853)
LONGITUDE = 103°48'45.36" (103.812600)
NAD 27 (TARGET BOTTOM HOLE)
LATITUDE = 40°49'54.72" (40.831867)
LONGITUDE = 103°48'43.55" (103.812097)

SCALE 1" = 1000'	DATE SURVEYED: 05-02-13	DATE DRAWN: 05-07-13
PARTY J.H. C.M. H.K.W.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE WHITING OIL & GAS CORP.	