

T10N, R58W, 6th P.M.

WHITTING OIL & GAS CORP.

2010 UELS Alum. Cap.
0.5' Below Ground
Lat: 40.816932°
Long: 103.860906°

2012 Alum. Cap.
PLS 28285, 0.2' High
Lat: 40.816800°
Long: 103.851339°

2010 UELS Alum. Cap.
Flush W/Ground
Lat: 40.816906°
Long: 103.841850°

N89°09'05"E - 2649.22' (Meas.)

N89°10'14"E - 2627.30' (Meas.)

N00°50'22"W - 2652.79' (Meas.)

S00°55'31"E - 2648.14' (Meas.)

2012 UELS Alum. Cap.
PLS 28285,
0.6' Below Ground
Lat: 40.809414°
Long: 103.860764°

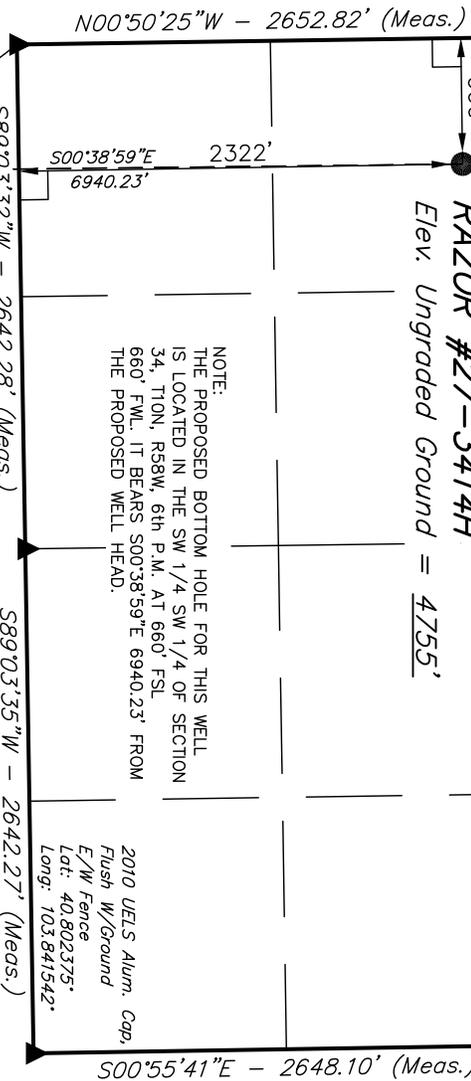
2012 UELS Alum. Cap.
Flush W/Ground
Lat: 40.809642°
Long: 103.841694°

NOTE:
SEE ADDENDUM TO LEGAL PLAT FOR
EXISTING IMPROVEMENTS WITHIN 400'
OF THE PROPOSED DISTURBANCE.

RAZOR #27-3414H
Elev. Ungraded Ground = 4755'

NOTE:
THE PROPOSED BOTTOM HOLE FOR THIS WELL
IS LOCATED IN THE SW 1/4 SW 1/4 OF SECTION
34, T10N, R58W, 6th P.M. AT 660' FSL
660' FWL. IT BEARS S00°38'59"E 6940.23' FROM
THE PROPOSED WELL HEAD.

2010 UELS Alum. Cap.
Flush W/Ground
Lat: 40.802375°
Long: 103.841342°



LEGEND:

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

Target
Bottom Hole
2010 UELS Alum. Cap.
0.5' Below Ground
Lat: 40.802136°
Long: 103.860622°

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

PDOP = 1.5

NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°48'30.73" (40.808536)	
LONGITUDE = 103°51'30.11" (103.858364)	
NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°48'30.78" (40.80855)	
LONGITUDE = 103°51'28.30" (103.857861)	

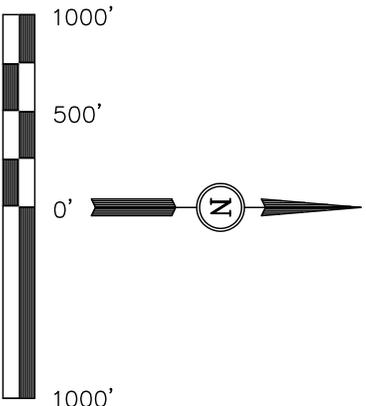
Well location, RAZOR #27-3414H, (SURFACE LOCATION), located as shown in the NW 1/4 SW 1/4 of Section 27, T10N, R58W, 6th P.M., Weld County, Colorado.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE NORTHEAST CORNER OF SECTION 15, 19N, 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 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.

REVISED: 05-10-12

REGISTERED LAND SURVEYOR
REGISTRATION NO. 1492
STATE OF COLORADO
05-10-12

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

SCALE 1" = 1000'	DATE SURVEYED: 04-27-12	DATE DRAWN: 04-30-12
PARTY D.N. G.W. W.M.	REFERENCES G.I.O. PLAT	FILE WHITTING OIL & GAS CORP.
WEATHER COLD		

T10N, R58W, 6th P.M.

WHITTING OIL & GAS CORP.

Well location, RAZOR #27-3414H, (TARGET BOTTOM HOLE), located as shown in the SW 1/4 SW 1/4 of Section 34, 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.

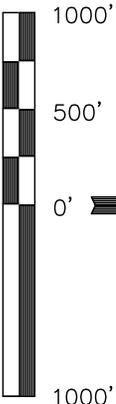
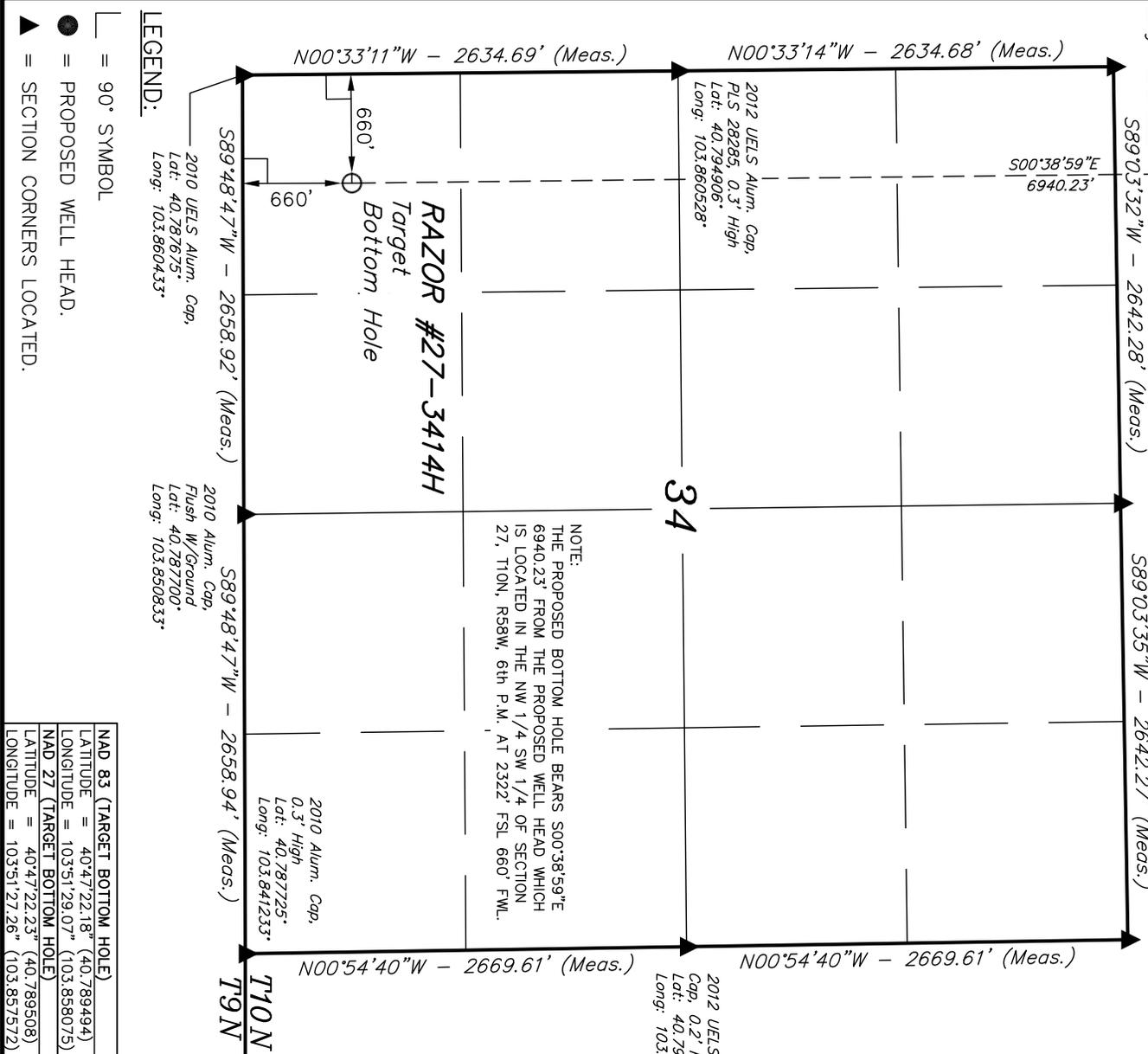
2010 UELS Alum. Cap, 0.5' Below Ground
 Lat: 40.802136
 Long: 103.860622

Surface Location

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

2010 UELS Alum. Cap, Flush W/Ground E/W Fence
 Lat: 40.802375
 Long: 103.841542

2012 UELS Alum. Cap, 0.2' High
 Lat: 40.795050
 Long: 103.841386



CERTIFICATE

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REVISED: 05-10-12

REGISTERED LAND SURVEYOR
 REGISTRATION NO. 1492
 STATE OF COLORADO
 05-10-12

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

SCALE: 1" = 1000'
 DATE SURVEYED: 04-27-12
 DATE DRAWN: 04-30-12

PARTY: D.N. G.W. W.M.
 WEATHER: COLD
 REFERENCES: G.I.O. PLAT
 FILE: WHITTING OIL & GAS CORP.

LEGEND:

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

2010 UELS Alum. Cap,
 Lat: 40.787675
 Long: 103.860433

2010 Alum. Cap, Flush W/Ground
 Lat: 40.787700
 Long: 103.850833

2010 Alum. Cap, 0.3' High
 Lat: 40.787725
 Long: 103.841233

NAD 83 (TARGET BOTTOM HOLE)	LATITUDE = 40°47'22.18" (40.788494)
	LONGITUDE = 103°51'29.07" (103.858075)
NAD 27 (TARGET BOTTOM HOLE)	LATITUDE = 40°47'22.23" (40.788508)
	LONGITUDE = 103°51'27.26" (103.857572)

NOTE:
 THE PROPOSED BOTTOM HOLE BEARS 500°38'59"E 6940.23' FROM THE PROPOSED WELL HEAD WHICH IS LOCATED IN THE NW 1/4 SW 1/4 OF SECTION 27, T10N, R58W, 6th P.M. AT 2322' FSL 660' FWL.