

T10N, R58W, 6th P.M.

WHITING OIL & GAS CORP.

Well location, RAZOR #33P-3316, located as shown in the SE 1/4 SE 1/4 of Section 33, 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,
0.3' High
Lat: 40.802117°
Long: 103.879772°
N89°57'03"E - 2651.63' (Meas.)

2012 UELS Alum. Cap,
0.1' High, PLS 28285
Lat: 40.794873°
Long: 103.879513°
N01°32'07"W - 2640.93' (Meas.)

2012 UELS Alum. Cap,
0.2' High
Lat: 40.802128°
Long: 103.870197°
N89°57'03"E - 2651.63' (Meas.)

Target
Bottom
Hole

165'

4854.15'

N00°33'12"W - 2634.69' (Meas.)

4854.15'

N00°33'12"W - 2634.69' (Meas.)

570'

N00°33'12"W - 2634.69' (Meas.)

2010 UELS Alum. Cap,
0.3' Below Ground
Lat: 40.787675°
Long: 103.860433°
N89°49'53"E - 2609.50' (Meas.)

RAZOR #33P-3316
Elev. Ungraded Ground = 4709'

2012 UELS Alum. Cap,
0.3' Below Ground
Lat: 40.787653°
Long: 103.869856°
N89°49'53"E - 2603.18' (Meas.)

2010 UELS Alum. Cap,
0.3' Below Ground
Lat: 40.787628°
Long: 103.879253°
N89°49'48"E - 2603.18' (Meas.)

2012 UELS Alum. Cap,
0.1' High, PLS 28285
Lat: 40.794873°
Long: 103.879513°
N01°32'07"W - 2640.93' (Meas.)

2012 UELS Alum. Cap,
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Long: 103.860528°

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LEGEND:

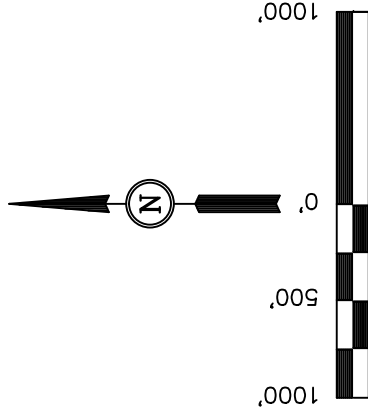
— = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

PDOP = 1.8

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°48'06.70" (40.801861)	LATITUDE = 40°47'18.87" (40.788575)
LONGITUDE = 103°51'40.37" (103.861214)	LONGITUDE = 103°51'45.01" (103.862503)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°48'06.75" (40.801875)	LATITUDE = 40°47'18.92" (40.788589)
LONGITUDE = 103°51'38.56" (103.860711)	LONGITUDE = 103°51'43.20" (103.862000)



CERTIFICATE OF REGISTRATION
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.
REGISTERED LAND SURVEYOR
REGISTRATION NO. 28285
STATE OF COLORADO
RECEIVED
JAN 14 2013
PLAT 40.787675
PLAT 103.860433
REVISED: 08-29-13

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

SCALE 1" = 1000'	DATE SURVEYED: 08-12-13	DATE DRAWN: 8-15-13
PARTY D.N. G.W. B.D.H.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE	WHITING OIL & GAS CORP.