

T10N, R58W, 6th P.M.

R 58 W

WHITING OIL & GAS CORP.

2010 UELS Alum.  
Cap. 0.3" High,  
N/E Fence  
Lat: 40.816975"  
Long: 103.822819"

2012 UELS Alum.  
Cap. 0.4" High,  
Lat: 40.817031"  
Long: 103.813158"

1917 BLM Brass  
Cap. 1.0" High  
Lat: 40.817086"  
Long: 103.803497"

N89°33'18"E - 2674.93' (Meas.)

RAZOR #25B-2549  
Elev. Ungraded Ground = 4757'

500°41'16"E - 2653.40' (Meas.)

2012 UELS Alum.  
Cap. 0.1 High,  
Lat: 40.809672"  
Long: 103.822617"

2012 UELS Alum.  
Cap. Flush W/Ground,  
Lat: 40.809803"  
Long: 103.803386"

N01°13'45"W - 2661.92' (Meas.)

S01°36'31"E - 2642.88' (Meas.)

Target Bottom Hole

2010 UELS Alum. S89°15'31"W - 2670.99' (Meas.)

2010 UELS Alum.

Cap. Flush W/Ground,  
Lat: 40.802556"  
Long: 103.803122"

2012 UELS Alum.

Cap. 0.2" High,  
Lat: 40.802461"  
Long: 103.812767"

LEGEND:  
└ = 90° SYMBOL  
● = PROPOSED WELL HEAD.  
▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°48'14.79" (40.804108)	LATITUDE = 40°48'58.10" (40.816139)
LONGITUDE = 103°48'45.78" (103.812171)	LONGITUDE = 103°48'38.93" (103.810814)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°48'14.84" (40.804122)	LATITUDE = 40°48'58.15" (40.816153)
LONGITUDE = 103°48'43.97" (103.812214)	LONGITUDE = 103°48'37.13" (103.810314)

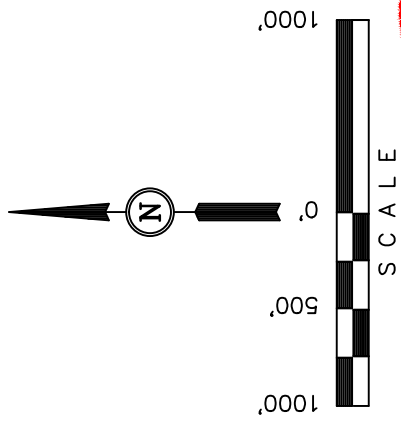
PDOP = 1.3

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 OF REGISTRATION  
THIS IS TO CERTIFY THAT THE ABOVE DATA 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. 28285  
STATE OF COLORADO  
EXPIRATION DATE 09-12-14

REV: 07-21-14

UNTAH ENGINEERING & LAND SURVEYING		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 10-10-13	DATE DRAWN: 10-17-13
PARTY D.N. G.W. J.S.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE	WHITING OIL & GAS CORP.