

2010 UELS Alum. Cap,
Flush W/Ground, #17492
Lat: 40.816906°
Long: 103.841850°

WHITING OIL & GAS CORP.

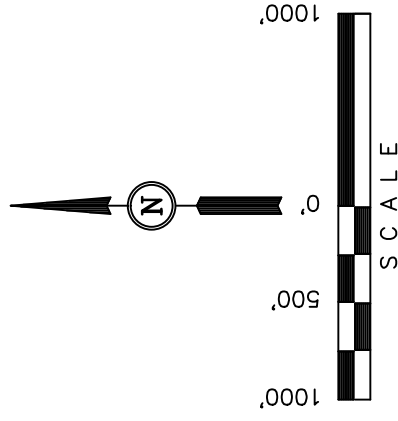
Well location, RAZOR #27L-3404B (SURFACE LOCATION), located as shown in the NW 1/4 SW 1/4 of Section 27, T10N, R58W, Weld County, Colorado.

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 MATERIALS 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

REVISÉ: 04-08-13 J.S.

UTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 03-22-13	DATE DRAWN: 03-26-13
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PARTY	REFERENCES
J.H. C.M. B.D.H.	G.I.O. PLAT

WEATHER	FILE
COOL	

LOCATED.

LEGEND:

$\mid = 90^\circ$ SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

PDOP = 1.3

NAD 83 (SURFACE LOCATION)

LATITUDE = 40°48'31.97" (40.808881)

LONGITUDE = 103°51'29.27" (103.858131)

NAD 27 (SURFACE LOCATION)

1 LATITUDE = 40°48'32.02" (40 808894)

LATITUDE = 40°48'32.02" (40.808894)
 LONGITUDE = 103°51'27.46" (103.857628)

T10N, R58W, 6th P.M.

WHITING OIL & GAS CORP.

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

Surface Location

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

S89°03'33"W - 2642.28' (Meas.)

S89°03'33"W - 2642.28' (Meas.)

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

2012 UELS Alum. Cap.
PLS #28285, 0.3' High
Lat: 40.794906°
Long: 103.860528°

NOTE:
THE PROPOSED BOTTOM HOLE BEARS
S04°05'37"E 7142.05' 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 2447' FSL 726' FWL.

2012 UELS Alum. Cap.
PLS #28285, 0.2' High
Lat: 40.795050°
Long: 103.841386°

N00°33'12"W - 2634.69' (Meas.)

N00°54'40"W - 2669.61' (Meas.)

RAZOR #27L-3404B
Target Bottom Hole

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

S89°48'47"W - 2658.93' (Meas.)

S89°48'47"W - 2658.93' (Meas.)

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

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

LEGEND:

— = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

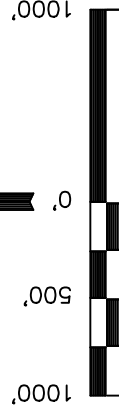
NAD 83 (TARGET BOTTOM HOLE)
LATITUDE = 40°47'21.60" (40.789333)
LONGITUDE = 103°51'22.62" (103.856283)
NAD 27 (TARGET BOTTOM HOLE)
LATITUDE = 40°47'21.65" (40.789347)
LONGITUDE = 103°51'20.81" (103.855781)

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REGISTERED LAND SURVEYOR
REGISTRATION # 17492
STATE OF COLORADO
04-11-13

REVISED: 04-08-13 J.S.

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85 SOUTH 200 EAST - VERNAL, UTAH 84078
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