

T10N, R58W, 6th P.M.

WHITING OIL & GAS CORP.

Well location, RAZOR #10E-1502B (SURFACE LOCATION), located as shown in the SW 1/4 NW 1/4 of Section 10, 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.

2012 UELS Alum.
Cap, 0.3' High
Lat: 40.860544°
Long: 103.842372°

S89°48'48"W - 2635.65' (Meas.)

S00°05'43"E - 2650.24' (Meas.)

2012 UELS Alum.
Cap, 0.3' High
Lat: 40.853272°
Long: 103.842356°

NOTE:
THE PROPOSED TARGET BOTTOM HOLE FOR THIS WELL IS LOCATED IN THE SW 1/4 SW 1/4 OF SECTION 15, T10N, R58W, 6th P.M. AT 100' FSL 495' FWL. IT BEARS S00°53'52"W 8234.82' FROM THE PROPOSED WELL HEAD.

2013 UELS Alum. Cap.
#28285, 0.3' High
Lat: 40.860519°
Long: 103.851900°

S89°48'48"W - 2635.65' (Meas.)

N00°38'41"W - 2661.19' (Meas.)

2013 UELS Alum.
Cap, #28285,
0.5' Below Ground
Lat: 40.853194°
Long: 103.861314°

RAZOR #10E-1502B
Elev. Ungraded Ground = 5025'

10

S00°53'52"W
8234.82'

S89°34'40"W - 2617.92' (Meas.)

2013 UELS Alum. Cap.
#28285, 0.3' High
Lat: 40.845944°
Long: 103.851800°

S89°34'40"W - 2617.92' (Meas.)

Stone
Lat: 40.846000°
Long: 103.842342°

Target Bottom Hole

LEGEND:

— = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

PDOP = 1.6

NAD 83 (SURFACE LOCATION)

LATITUDE = 40°51'14.79" (40.854108)

LONGITUDE = 103°51'31.76" (103.858822)

NAD 27 (SURFACE LOCATION)

LATITUDE = 40°51'14.84" (40.854122)

LONGITUDE = 103°51'29.96" (103.858322)

REVISED: 07-06-13

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

SCALE
1" = 1000'

DATE SURVEYED: 05-07-13

DATE DRAWN: 05-08-13

PARTY

D.N. G.W. J.S.

REFERENCES

G.L.O. PLAT

WEATHER

WARM

FILE

WHITING OIL & GAS CORP.

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.

REGISTERED LAND SURVEYOR
STATE OF COLORADO
REGISTRATION NO. 17492
07-06-13

T10N, R58W, 6th P.M.

WHITING OIL & GAS CORP.

2013 UELS Alum. Cap. #28285, 0.3' High
Lat: 40.845892°
Long: 103.861261°
Surface Location 2013 UELS Alum. Cap. #28285, 0.3' High
Lat: 40.845944°
Long: 103.851800°

S89°34'40"W - 2617.92' (Meas.)

Stone
Lat: 40.846000°
Long: 103.842342°

S89°34'40"W - 2617.92' (Meas.)

N00°33'20"W - 2674.78' (Meas.)

S00°19'00"E - 2642.29' (Meas.)

S00°19'00"E - 2642.29' (Meas.)

NOTE:
THE PROPOSED TARGET BOTTOM HOLE BEARS S00°53'52"W 8234.82' FROM THE PROPOSED WELL HEAD WHICH IS LOCATED IN THE SW 1/4 NW 1/4 OF SECTION 10, T10N, R58W, 6th P.M. AT 2330' FNL 693' FWL.

2013 UELS Alum. Cap. #28285, 0.6' Below Ground
Lat: 40.836553°
Long: 103.861164°

2012 UELS Alum. Cap. 0.3' High
Lat: 40.838750°
Long: 103.842289°

15

RAZOR #10E-1502B
Target Bottom Hole

2012, UELS Alum. Cap. 0.5' Below Ground
Lat: 40.831214°
Long: 103.861069°

S88°51'49"W
2607.03' (Meas.)

2012, UELS Alum. Cap. 0.5' Below Ground
Lat: 40.831356°
Long: 103.851653°

NAD 83 (TARGET BOTTOM HOLE)

2012 UELS Alum. Cap. 0.5' Below Ground
Lat: 40.831497°
Long: 103.842233°

LEGEND:

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

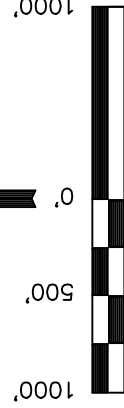
NAD 83 (TARGET BOTTOM HOLE)	
LATITUDE = 40°49'53.45" (40.831514)	
LONGITUDE = 103°51'33.42" (103.859283)	
NAD 27 (TARGET BOTTOM HOLE)	
LATITUDE = 40°49'53.50" (40.831528)	
LONGITUDE = 103°51'31.61" (103.858781)	

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.



SCALE

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. 17492
STATE OF COLORADO
05-08-13

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

SCALE 1" = 1000'	DATE SURVEYED: 05-07-13	DATE DRAWN: 05-08-13
PARTY D.N. G.W. J.S.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE	
		WHITING OIL & GAS CORP.