

T10N, R57W, 6th P.M.

LEGEND:

- = 90° SYMBOL
- = PROPOSED WELLHEAD.
- = TARGET BOTTOM HOLE.
- = TOP OF PRODUCTION.
- = SECTION CORNERS LOCATED.

1917 Brass Cap,
1.0' High
Lat: 40.817086°
Long: 103.803497°

R
58
W

R
57
W

S89°44'58"E - 2560.47' (Meas.)

S89°50'21"E - 2664.91' (Meas.)

N00°41'16"W - 2653.40' (Meas.)

LOT 1

LOT 2

LOT 3

LOT 4

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

2010 Alum. Cap,
Flush W/ Ground
Lat: 40.802556°
Long: 103.803122°

2011 Alum. Cap,
#28285, 0.2' High
Lat: 40.817050°
Long: 103.794247°

1917 Brass Cap,
Flush W/ Ground
Lat: 40.817025°
Long: 103.784622°

1917 Brass Cap,
0.8' High
Lat: 40.809725°
Long: 103.784528°

1917 Brass Cap,
1.8' High
Lat: 40.802467°
Long: 103.794042°

1917 Brass Cap,
0.4' High
Lat: 40.802425°
Long: 103.784433°

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S39°55'22"E	505.37'

HORSETAIL #30E-3103
Elev. Ungraded Ground = 4812.3'

Top of Production

NOTE:
THE PROPOSED TARGET BOTTOM HOLE FOR THIS WELL IS LOCATED IN LOT 4 OF SECTION 31, T10N, R57W, 6th P.M. AT 100' FSL 825' FWL. IT BEARS S00°01'04"W 7797.94' FROM THE PROPOSED TOP OF PRODUCTION.

N01°36'31"W - 2642.88' (Meas.)

N89°17'46"W - 2514.76' (Meas.)

N89°42'21"W - 2660.62' (Meas.)

Target Bottom Hole



PDOP = 1.3

NAD 83 (TOP OF PRODUCTION)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°48'34.21" (40.809503)	LATITUDE = 40°48'38.04" (40.810567)
LONGITUDE = 103°47'59.44" (103.799844)	LONGITUDE = 103°48'03.66" (103.801017)
NAD 27 (TOP OF PRODUCTION)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°48'34.26" (40.809517)	LATITUDE = 40°48'38.09" (40.810581)
LONGITUDE = 103°47'57.63" (103.799342)	LONGITUDE = 103°48'01.85" (103.800514)

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.



BASIS OF BEARINGS
BASIS OF BEARINGS IS A G.P.S. OBSERVATION

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.

WHITING OIL & GAS CORP.

HORSETAIL #30E-3103 (SURFACE HOLE LOCATION)
LOT 2, SECTION 30, T10N, R57W, 6th P.M.
WELD COUNTY, COLORADO

SURVEYED BY: JARED CHRISTOPHER, B.C.	DATE: 04-24-15
DRAWN BY: H.K.W.	DATE DRAWN: 02-18-14
SCALE: 1" = 1000'	REVISED: 11-23-15 J.M.C.

WELL LOCATION PLAT



UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017



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- = SECTION CORNERS LOCATED.

2010 Alum. Cap,
Flush W/Ground
Lat: 40.802556°
Long: 103.803122°

2012 Alum. Cap,
0.5' Below Ground
Lat: 40.795153°
Long: 103.803094°

2010 Alum. Cap,
0.6' Below Ground
Lat: 40.787814°
Long: 103.802836°

1917 Brass Cap,
1.8' High
Lat: 40.802467°
Long: 103.794042°

1917 Brass Cap,
0.4' High
Lat: 40.802425°
Long: 103.784433°

1917 Brass Cap,
1.4' High
Lat: 40.795131°
Long: 103.783961°

1917 Brass Cap,
0.3' High
Lat: 40.787844°
Long: 103.783492°

NOTE:
THE PROPOSED TARGET BOTTOM HOLE
BEARS S00°01'04"W 7797.94' FROM THE
PROPOSED TOP OF PRODUCTION WHICH IS
LOCATED IN LOT 3 OF SECTION 30, T10N,
R57W, 6th P.M. AT 2543' FSL 977' FWL.

HORSETAIL #30E-3103
Target Bottom Hole

NAD 83 (TARGET BOTTOM HOLE)
LATITUDE = 40°47'17.17" (40.788103)
LONGITUDE = 103°47'59.52" (103.799867)
NAD 27 (TARGET BOTTOM HOLE)
LATITUDE = 40°47'17.22" (40.788117)
LONGITUDE = 103°47'57.71" (103.799364)



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WHITING OIL & GAS CORP.

HORSETAIL #30E-3103 (TARGET BOTTOM HOLE)
LOT 4, SECTION 31, T10N, R57W, 6th P.M.
WELD COUNTY, COLORADO

SURVEYED BY: JARED CHRISTOPHER, B.C.	DATE: 04-24-15
DRAWN BY: H.K.W.	DATE DRAWN: 02-18-14
SCALE: 1" = 1000'	REVISED: 11-23-15 J.M.C.

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