

T10N, R58W, 6th P.M.

WHITTING OIL & GAS CORP.

2011 UELS Alum. Cap.  
Fence Wood Posts, RLS 17492  
Lat: 40.830928  
Long: 103.880225

2012 UELS Alum. Cap.  
0.3' High, PLS 28285  
Lat: 40.831022  
Long: 103.870636

2012 UELS Alum. Cap.  
0.5' Below Ground, PLS 28285  
Lat: 40.831214  
Long: 103.861069

N88°54'08"E - 2655.05' (Meas.)

N88°54'00"E - 2648.73' (Meas.)

Well location, RAZOR #21-2832H, (SURFACE LOCATION), located as shown in the NW 1/4 NE 1/4 of Section 21, 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.

N00°39'33"W - 2599.56' (Meas.)

S00°28'17"E - 2645.80' (Meas.)

2012 UELS Alum. Cap.  
0.5' Below Ground, PLS 28285  
Lat: 40.823953  
Long: 103.860986

NOTE:  
SEE ADDENDUM TO LEGAL PLAT FOR  
EXISTING IMPROVEMENTS WITHIN 400'  
OF THE PROPOSED WELL DISTURBANCE.

2012 UELS Alum. Cap.  
0.3' High, PLS 28285  
Lat: 40.823794  
Long: 103.880114

NOTE:  
THE PROPOSED BOTTOM HOLE FOR THIS WELL  
IS LOCATED IN THE SW 1/4 NE 1/4 OF SECTION  
28, T10N, R58W, 6th P.M. AT 1980' FNL  
1980' FEL. IT BEARS S00°34'31"E 6891.72' FROM  
THE PROPOSED WELL HEAD.

N00°39'38"W - 2599.57' (Meas.)

S00°34'31"E  
6891.72'

S89°26'39"W - 2646.52' (Meas.)

N89°38'23"W - 2640.06' (Meas.)

2010 UELS Alum. Cap.  
Flush W/ Ground  
RLS 17492  
Lat: 40.816664  
Long: 103.880000

2012 UELS Alum. Cap.  
0.5' High  
Lat: 40.816736  
Long: 103.870442

2010 UELS Alum. Cap.  
0.5' Below Ground  
Lat: 40.816692  
Long: 103.860906

### LEGEND:

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

Target  
Bottom Hole

PDOP = 1.1

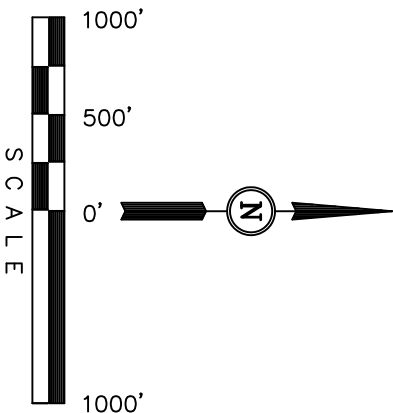
NAD 83 (SURFACE LOCATION)	
LATITUDE =	40°49'48.73" (40.830203)
LONGITUDE =	103°52'05.56" (103.868211)
NAD 27 (SURFACE LOCATION)	
LATITUDE =	40°49'48.78" (40.830217)
LONGITUDE =	103°52'03.75" (103.867708)

SCALE		DATE SURVEYED:	DATE DRAWN:
1" = 1000'		05-17-12	05-18-12
PARTY	REFERENCES		
D.L.S. C.T. W.M.	G.L.O. PLAT		
WEATHER	FILE		
WARM	WHITTING OIL & GAS CORP.		

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

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  
REGISTRATION NO. 17492  
STATE OF COLORADO  
05-29-12



### CERTIFICATE

T10N, R58W, 6th P.M.

WHITTING OIL & GAS CORP.

2010 UELS Alum. Cap.  
Flush W/ Ground  
RLS 17492  
Lat: 40.816664  
Long: 103.880000

2012 UELS Alum. Cap. ● Surface Location  
0.5' High  
Lat: 40.816736  
Long: 103.870442

2010 UELS Alum. Cap.  
0.5' Below Ground  
Lat: 40.816692  
Long: 103.860906

589°26'39"W - 2646.52' (Meas.)

N89°38'23"W - 2640.06' (Meas.)

Well location, RAZOR #21-2832H, (TARGET BOTTOM HOLE), located as shown in the SW 1/4 NE 1/4 of Section 28, 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.

N00°39'32"W - 2650.45' (Meas.)

S00°34'31"E 6891.72'

1980'

1980'

N00°50'22"W - 2652.79' (Meas.)

2012 UELS Alum. Cap.  
PLS 28285  
0.6' Below Ground  
Lat: 40.809414  
Long: 103.860764

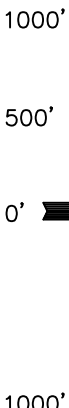


N00°39'29"W - 2650.44' (Meas.)

2012 UELS Alum. Cap.  
0.1' High, PLS 28285  
Lat: 40.809389  
Long: 103.879886

28

RAZOR #21-2832H  
Target Bottom Hole



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.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 17492  
STATE OF COLORADO  
05-29-12

2010 UELS Alum. Cap.  
0.3' High  
Lat: 40.802117  
Long: 103.879772

2012 UELS Alum. Cap.  
PLS 28285, 0.2' High  
Lat: 40.802128  
Long: 103.870197

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

589°57'03"W - 2651.65' (Meas.)

589°57'02"W - 2651.62' (Meas.)

LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000' DATE SURVEYED: 05-17-12 DATE DRAWN: 05-18-12

PARTY D.L.S. C.T. W.M. REFERENCES G.L.O. PLAT

WEATHER WARM FILE WHITTING OIL & GAS CORP.