

T10N, R57W, 6th P.M.

WHITTING OIL & GAS CORP.

R R  
58 57  
W W



N89°44'57"E - 2530.51' (Meas.)

N89°45'37"E - 2652.58' (Meas.)

1917 2 1/2" BLM  
Brass Cap, 0.4' High  
Lat: 40.846200°  
Long: 103.785111

Well location, HORSETAIL #18-0713H, (SURFACE LOCATION) located as shown in LOT 4 of Section 18, T10N, R57W, 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 RIVER BEND, 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°34'46"W - 2648.97' (Meas.)

N00°42'39"W - 2657.16' (Meas.)

2011 UELS Alum. Cap.  
0.4' Below Ground  
Lat: 40.838908°  
Long: 103.784997°

NOTE:  
THE PROPOSED BOTTOM HOLE FOR THIS WELL IS LOCATED IN LOT 3 OF SECTION 7, T10N, R57W, 6th P.M. AT A DISTANCE OF 1989' FSL 660' FWL. IT BEARS N00°45'15"W 6961.36' FROM THE PROPOSED WELL HEAD.

2012 UELS Alum. Cap  
PLS 28285, 0.1' High  
Lat: 40.838878°  
Long: 103.803747°

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

N00°34'39"W - 2650.92' (Meas.)

HORSETAIL #18-0713H  
Elev. Ungraded Ground = 4825'

N89°56'55"E - 2539.76' (Meas.)

N89°55'14"E - 2657.22' (Meas.)

2011 2 1/2" UELS  
Alum Cap, RLS #17492  
Lat: 40.831603°  
Long: 103.803653°

2011 2 1/2" UELS Alum. Cap,  
Flush W/ Ground RLS #17494  
Lat: 40.831606°  
Long: 103.794478°

1917 BLM Brass Cap,  
0.5' Above Ground  
Lat: 40.831611°  
Long: 103.784878°

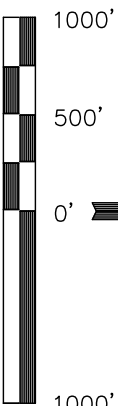
LEGEND:

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

PDOP = 1.5

NAD 83 (SURFACE LOCATION)	
LATITUDE =	40°49'57.03" (40.832508)
LONGITUDE =	103°48'04.61" (103.801281)
NAD 27 (SURFACE LOCATION)	
LATITUDE =	40°49'57.08" (40.832522)
LONGITUDE =	103°48'02.80" (103.800778)

UNTAH ENGINEERING & LAND SURVEYING			
85 SOUTH 200 EAST - VERNAL, UTAH 84078			
(435) 789-1017			
SCALE	1" = 1000'		
PARTY	Z.B. A.G. B.L.B.	REFERENCES	G.L.O. PLAT
WEATHER	COLD	FILE	WHITTING OIL & GAS CORP.



S C A L E

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  
02-08-12

02-08-12

T10N, R57W, 6th P.M.

WHITTING OIL & GAS CORP.

Well location, HORSETAIL #18-0713H, (TARGET BOTTOM HOLE) located as shown in LOT 3 of Section 7, T10N, R57W, 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 RIVER BEND, 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.

R 58  
R 57  
W

N89°29'32"E - 2517.94' (Meas.)

N89°29'19"E - 2651.74' (Meas.)

2006 Private Alum.  
Cap. 0.9' Below Ground  
LS #24949  
Lat: 40.860797°  
Long: 103.785433°

2006 Private Alum.  
Cap. 0.6' Below Ground  
LS #24949  
Lat: 40.860678°  
Long: 103.804117°

2006 Private Alum.  
Cap. 0.9' Below Ground  
LS #24949  
Lat: 40.860736°  
Long: 103.795017°

N00°31'10"W - 2647.68' (Meas.)

N00°55'43"W - 2661.06' (Meas.)

2006 3 1/2" Private Alum. Cap. 0.6' Below Ground. LS #24949  
Lat: 40.853414°  
Long: 103.804036°

2006 3 1/2" Private Alum. Cap. 0.1' Below Ground. PLS #24949  
Lat: 40.853497°  
Long: 103.785283°

N01°11'48"W - 2649.08' (Meas.)

N01°04'20"W - 2659.64' (Meas.)

LOT 2  
LOT 3  
LOT 4

HORSETAIL #18-0713H  
Target Bottom Hole

NOTE:  
THE PROPOSED BOTTOM HOLE BEARS N00°45'15"W 6961.361' FROM THE PROPOSED WELL HEAD WHICH IS LOCATED IN LOT 4 OF SECTION 18, T10N, R57W, 6th P.M. AT A DISTANCE OF 330' FSL 660' FWL.

1917 2 1/2" BLM Brass Cap, Fence  
Lat: 40.846147°  
Long: 103.803839°

Surface Location

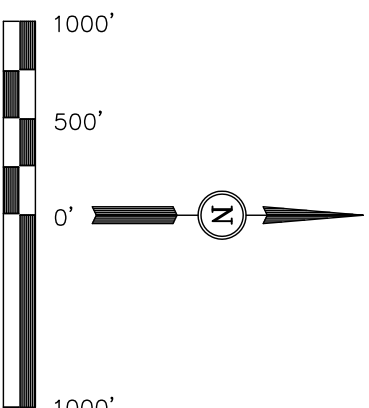
1917 2 1/2" BLM Brass Cap, 0.2' High  
Lat: 40.846172°  
Long: 103.794694°

LEGEND:

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

NAD 83 (TARGET BOTTOM HOLE)	
LATITUDE = 40°51'05.83" (40.851619)	
LONGITUDE = 103°48'05.81" (103.801614)	
NAD 27 (TARGET BOTTOM HOLE)	
LATITUDE = 40°51'05.88" (40.851633)	
LONGITUDE = 103°48'04.00" (103.801111)	

UTIAH ENGINEERING & LAND SURVEYING			
85 SOUTH 200 EAST - VERNAL, UTAH 84078			
(435) 789-1017			
SCALE	DATE SURVEYED:	DATE DRAWN:	
1" = 1000'	01-26-12	02-08-12	
PARTY	REFERENCES		
Z.B. A.G. B.L.B.	G.L.O. PLAT		
WEATHER	FILE		
COLD	WHITTING 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  
REGISTRATION NO. 14922  
STATE OF COLORADO  
02-08-12