

T10N, R59W, 6th P.M.

WHITING OIL & GAS CORP.

Well location, WOLF #36-3624H, located as shown in the NE 1/4 NW 1/4 of Section 36, T10N, R59W, 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.

1917 Brass Cap,  
0.8' High  
Lat: 40.801839°  
Long: 103.936386°

S89°09'42"W - 5348.06' (Meas.)

1917 Brass Cap,  
0.6' High  
Lat: 40.802069°  
Long: 103.917075°

WOLF #36-3624H  
Elev. Ungraded Ground = 4925'

2004'

500°00'32"W  
4293.70'

1917 Brass Cap,  
0.1' Below Ground  
Lat: 40.794606°  
Long: 103.936275°

36

500°38'05"E - 2639.43' (Meas.)

Bottom Hole

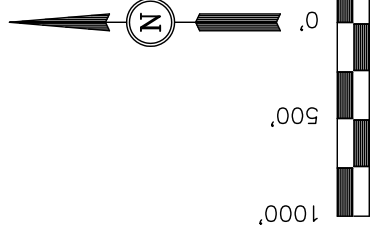
1975 Brass Cap,  
0.5' Below Ground  
County Road #110  
LS 11607  
Lat: 40.787533°  
Long: 103.917347°

2011 Alum. Cap,  
0.7' Below Ground  
Lat: 40.787361°  
Long: 103.936161°

N89°22'04"E - 5211.31' (Meas.)

T10N  
T9N

N00°51'38"E - 5297.29' (Meas.)



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  
09-02-11

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

LEGEND:

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

PDOP = 1.8

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°47'21.26" (40.789239)	LATITUDE = 40°48'03.67" (40.801019)
LONGITUDE = 103°55'44.85" (103.929125)	LONGITUDE = 103°55'44.89" (103.929136)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°47'21.31" (40.789253)	LATITUDE = 40°48'03.72" (40.801033)
LONGITUDE = 103°55'43.04" (103.928622)	LONGITUDE = 103°55'43.08" (103.928633)

SCALE 1" = 1000'	DATE SURVEYED: 10-24-11	DATE DRAWN: 11-01-11
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PARTY L.S. Z.B. J.M.H.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE WHITING OIL & GAS CORP.