

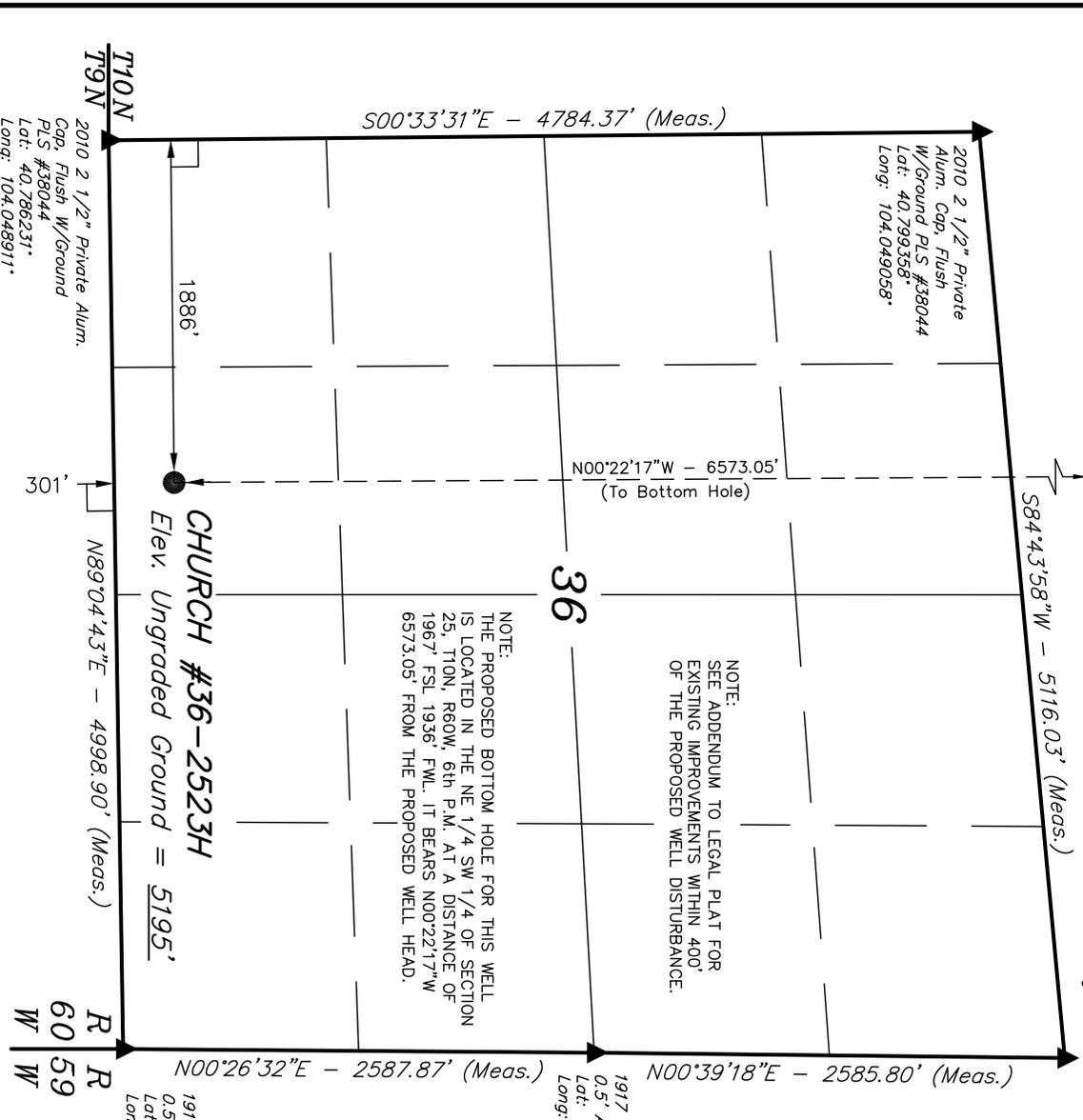
T10N, R60W, 6th. P.M.

2011 2 1/2" Private Alum. Cap, 0.8' Below Ground, RLS #17492  
 Lat: 40.800628°  
 Long: 104.030658°

**WHITTING OIL & GAS CORP.**  
 Well location, CHURCH #36-2523H, (SURFACE LOCATION) located as shown in the SE 1/4 SW 1/4 of Section 36, T10N, R60W, 6th. P.M., Weld County, Colorado.  
**BASIS OF ELEVATION**

SPOT ELEVATION LOCATED AT THE NORTHEAST CORNER OF SECTION 2, T9N, R61W, 6th P.M. TAKEN FROM THE GROVER SOUTH, 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 5043 FEET.  
**BASIS OF BEARINGS**

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

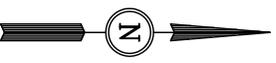
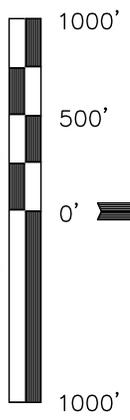


NOTE:  
 THE PROPOSED BOTTOM HOLE FOR THIS WELL IS LOCATED IN THE NE 1/4 SW 1/4 OF SECTION 25, T10N, R60W, 6th P.M. AT A DISTANCE OF 1967' FSL 1936' F.W.L. IT BEARS N00°22'17\"/>

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

1917 3 1/2" Brass Cap,  
 0.5' Above Ground  
 Lat: 40.786433°  
 Long: 104.030867°

1917 2 1/2" Brass Cap,  
 0.5' Above Ground  
 Lat: 40.793533°  
 Long: 104.030781°



**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. 1492  
 STATE OF COLORADO  
 07-26-11

REVISED: 07-26-11  
**UINTAH ENGINEERING & LAND SURVEYING**  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 06-22-11	DATE DRAWN: 07-06-11
PARTY D.N. C.Z. Z.L.	REFERENCES G.I.O. PLAT	FILE WHITTING OIL & GAS CORP.
WEATHER WARM		

PDOP = 1.8

NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°47'13.97" (40.787214)	LONGITUDE = 104°02'31.61" (104.042114)
NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°47'14.02" (40.787228)	LONGITUDE = 104°02'29.80" (104.041611)
STATE PLANE NAD 83 COLORADO NORTH	
N: 1532946.90 E: 3403698.92	
STATE PLANE NAD 27 COLORADO NORTH	
N: 5329444.85 E: 2403849.13	

- LEGEND:**
- 90° SYMBOL
  - PROPOSED WELL HEAD.
  - SECTION CORNERS LOCATED.

T10N, R60W, 6th. P.M.

WHITTING OIL & GAS CORP.

2010 UELS Alum.  
Cap  
Lat: 40.814853°  
Long: 104.030467°

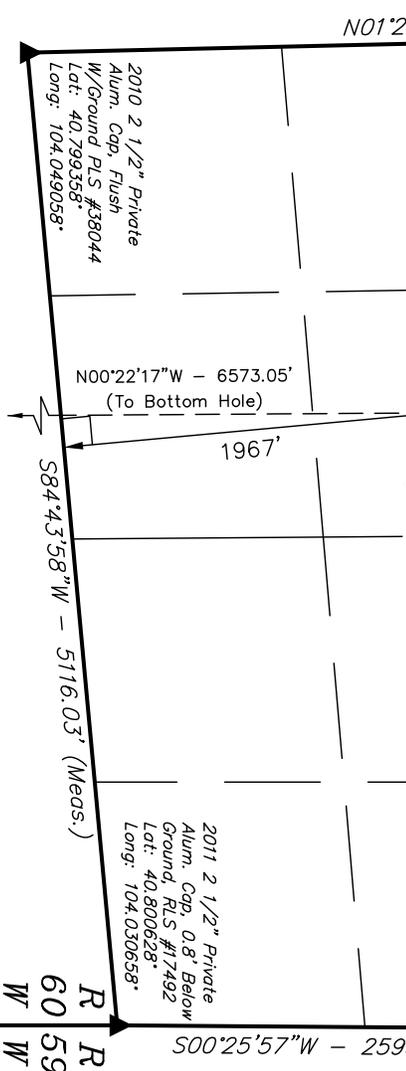
S86°21'43"W - 5274.80' (Meas.)

2010 Alum. Cap,  
Rebor, 0.5" High  
Lat: 40.813953°  
Long: 104.049483°

NOTE:  
THE PROPOSED BOTTOM HOLE BEARS N00°22'17"W  
6573.05' FROM THE PROPOSED WELL HEAD WHICH  
IS LOCATED IN THE SE 1/4 SW 1/4 OF SECTION  
36, T10N, R60W, 6th P.M. AT A DISTANCE OF  
301 FSL 1886 FWL

25

CHURCH #36-2523H  
Target Bottom Hole



1917 2 1/2" Brass Cap,  
1.2' Above Ground  
Lat: 40.807744°  
Long: 104.050575°

S00°34'00"W - 2590.53' (Meas.)

S00°25'57"W - 2593.10' (Meas.)

R 60  
R 59  
W W

N00°22'17"W - 6573.05'  
(To Bottom Hole)

2011 2 1/2" Private  
Alum. Cap, 0.8" Below  
Ground, RLS #17492  
Lat: 40.800628°  
Long: 104.030658°

S84°43'58"W - 5116.03' (Meas.)

N01°20'30"W - 5319.84' (Meas.)

2010 2 1/2" Private  
Alum. Cap, Flush  
W/Ground PLS #38044  
Lat: 40.799358°  
Long: 104.049058°

1936'

1967'

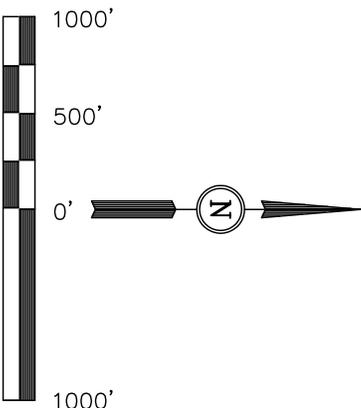
LEGEND:

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

SPOT ELEVATION LOCATED AT THE NORTHEAST CORNER OF SECTION 2, T9N, R61W, 6th P.M. TAKEN FROM THE GROVER SOUTH, 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 5043 FEET.

BASIS OF BEARINGS

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REGISTRATION NO. 1492  
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07-26-11

REVISED: 07-26-11

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

NAD 83 (TARGET BOTTOM HOLE)	LATITUDE = 40°48'18.90" (40.805250)
	LONGITUDE = 104°02'32.04" (104.042233)
NAD 27 (TARGET BOTTOM HOLE)	LATITUDE = 40°48'18.95" (40.805264)
	LONGITUDE = 104°02'30.23" (104.041731)
STATE PLANE NAD 83 COLORADO NORTH	N: 1539516.70 E: 3403557.83
STATE PLANE NAD 27 COLORADO NORTH	N: 539514.61 E: 2403708.02

SCALE	1" = 1000'	DATE SURVEYED:	06-22-11	DATE DRAWN:	07-06-11
PARTY	D.N. C.Z. Z.L.	REFERENCES	G.I.O. PLAT		
WEATHER	WARM	FILE	WHITTING OIL & GAS CORP.		