

# T111N, R57W, 6th P.M.

## WHITTING OIL & GAS CORP.

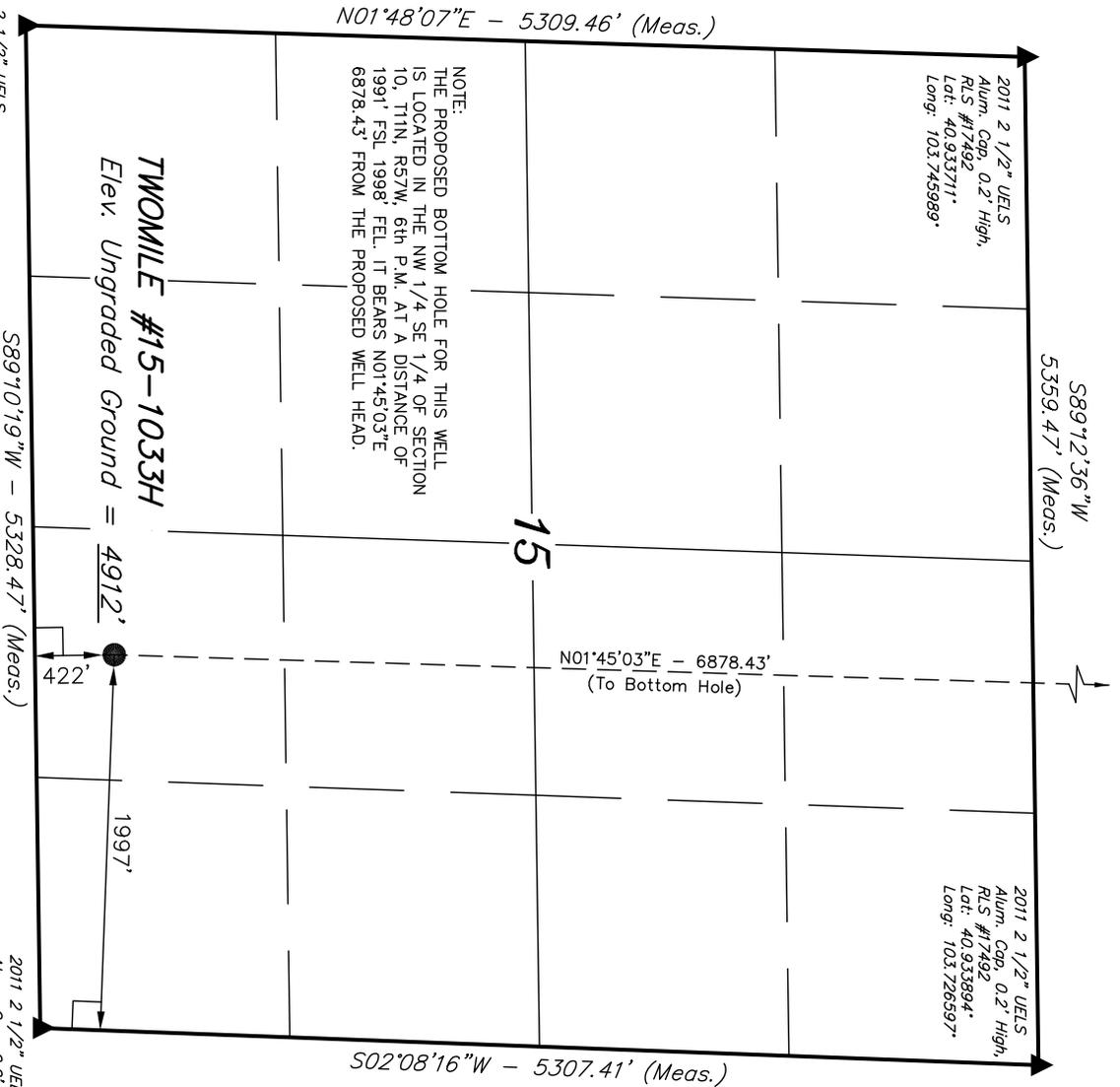
Well location, TWOMILE #15-1033H, (SURFACE LOCATION) located as shown in the SW 1/4 SE 1/4 of Section 15, T111N, R57W, 6th P.M., Weld County, Colorado.

### BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE NORTHEAST CORNER OF SECTION 8, T11N, R57W, 6th P.M. TAKEN FROM THE WIM SCHOOL, 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 5167 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 NW 1/4 SE 1/4 OF SECTION 10, T11N, R57W, 6th P.M. AT A DISTANCE OF 1991' FSL 1998' FEL. IT BEARS N01°45'03"E 6878.43' FROM THE PROPOSED WELL HEAD.

N01°48'07"E - 5309.46' (Meas.)

S89°12'36"W - 5359.47' (Meas.)

N01°45'03"E - 6878.43' (To Bottom Hole)

S02°08'16"W - 5307.41' (Meas.)

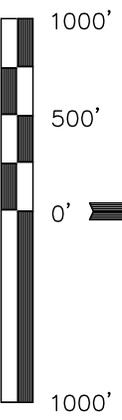
S89°10'19"W - 5328.47' (Meas.)

2011 2 1/2" UELS  
Alum. Cap. 0.1' Below  
Ground, RLS #17492  
Lat: 40.9191477  
Long: 103.7468111

2011 2 1/2" UELS  
Alum. Cap. 0.2' High,  
RLS #17492  
Lat: 40.9337111  
Long: 103.7459891

2011 2 1/2" UELS  
Alum. Cap. 0.2' High,  
RLS #17492  
Lat: 40.9338941  
Long: 103.7265971

2011 2 1/2" UELS  
Alum. Cap. 0.2' High,  
RLS #17492  
Lat: 40.9193421  
Long: 103.72735391



### 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  
09-27-11

REVISED: 07-27-11

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

|       |            |                |          |             |          |
|-------|------------|----------------|----------|-------------|----------|
| SCALE | 1" = 1000' | DATE SURVEYED: | 07-05-11 | DATE DRAWN: | 07-14-11 |
|-------|------------|----------------|----------|-------------|----------|

|       |                |            |             |
|-------|----------------|------------|-------------|
| PARTY | J.H. C.M. Z.L. | REFERENCES | G.I.O. PLAT |
|-------|----------------|------------|-------------|

|         |      |      |                          |
|---------|------|------|--------------------------|
| WEATHER | WARM | FILE | WHITTING OIL & GAS CORP. |
|---------|------|------|--------------------------|

### LEGEND:

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

PDOP=1.9

|                           |                            |
|---------------------------|----------------------------|
| NAD 83 (SURFACE LOCATION) |                            |
| LATITUDE =                | 40°55'13.54" (40.920428)   |
| LONGITUDE =               | 103°44'04.24" (103.734511) |
| NAD 27 (SURFACE LOCATION) |                            |
| LATITUDE =                | 40°55'13.60" (40.920444)   |
| LONGITUDE =               | 103°44'02.44" (103.734011) |

# T11N, R57W, 6th P.M.

## WHITTING OIL & GAS CORP.

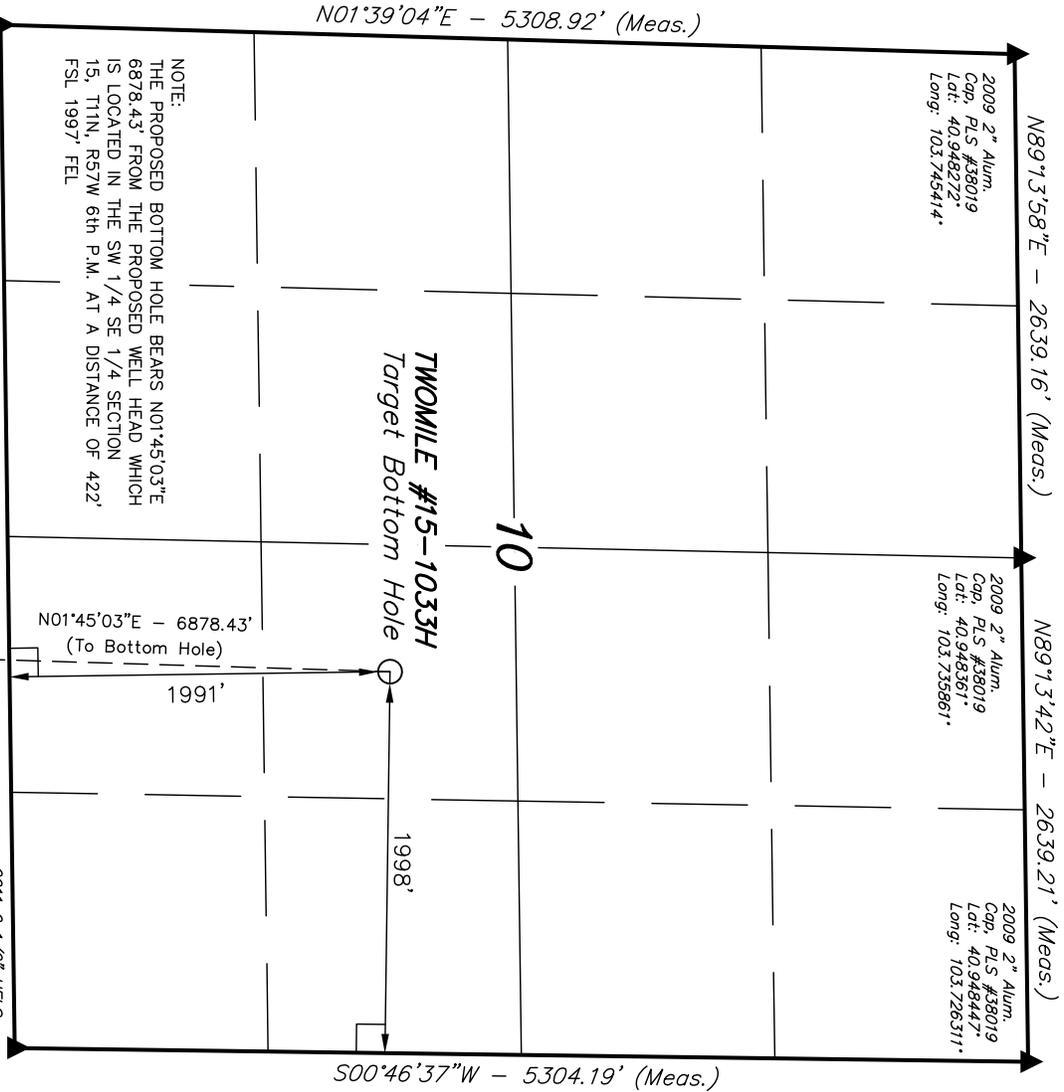
Well location, TWOMILE #15-1033H, (TARGET BOTTOM HOLE) located as shown in the NW 1/4 SE 1/4 of Section 10, T11N, R57W, 6th P.M., Weld County, Colorado.

### BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE NORTHEAST CORNER OF SECTION 8, T11N, R57W, 6th P.M. TAKEN FROM THE WIM SCHOOL, 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 5167 FEET.

### BASIS OF BEARINGS

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



N01°39'04"E - 5308.92' (Meas.)

N89°13'58"E - 2639.16' (Meas.)

N89°13'42"E - 2639.21' (Meas.)

S00°46'37"W - 5304.19' (Meas.)

NOTE:  
THE PROPOSED BOTTOM HOLE BEARS N01°45'03"E 6878.43' FROM THE PROPOSED WELL HEAD WHICH IS LOCATED IN THE SW 1/4 SE 1/4 SECTION 15, T11N, R57W 6th P.M. AT A DISTANCE OF 422' FSL 1997' FEL

2011 2 1/2" UELS  
Alum. Cop. 0.2" High.  
R/S #17492  
Lat: 40.933711'  
Long: 103.745989'

S89°12'36"W  
5359.47' (Meas.)

N01°45'03"E - 6878.43'  
(To Bottom Hole)

1991'

1998'

2011 2 1/2" UELS  
Alum. Cop. 0.2" High.  
R/S #17492  
Lat: 40.933994'  
Long: 103.726597'

### LEGEND:

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

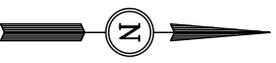
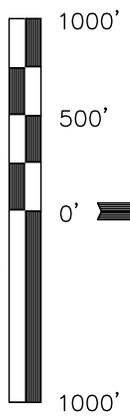
|  |  |
|--|--|
| NAD 83 (TARGET BOTTOM HOLE)            |  |
| LATITUDE = 40°56'21.45" (40.939292)    |  |
| LONGITUDE = 103°44'01.39" (103.733719) |  |
| NAD 27 (TARGET BOTTOM HOLE)            |  |
| LATITUDE = 40°56'21.51" (40.939308)    |  |
| LONGITUDE = 103°43'59.59" (103.733219) |  |

|   |                 |                            |                                  |
|---|-----------------|----------------------------|----------------------------------|
| SCALE<br>1" = 1000'   |                 | DATE SURVEYED:<br>07-05-11 | DATE DRAWN:<br>07-11-11          |
| PARTY<br>J.H. C.M. Z.L.   | WEATHER<br>WARM | REFERENCES<br>G.L.O. PLAT  | FILE<br>WHITTING OIL & GAS CORP. |
| <p>UNTAH ENGINEERING &amp; LAND SURVEYING<br/>85 SOUTH 200 EAST - VERNAL, UTAH 84078<br/>(435) 789-1017</p> |                 |                            |                                  |

REVISED: 07-27-11

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REGISTRATION NO. 17492  
STATE OF COLORADO  
07-27-11



### CERTIFICATE