

T10N, R58W, 6th P.M.

Top of Production

WHITING OIL & GAS CORP.

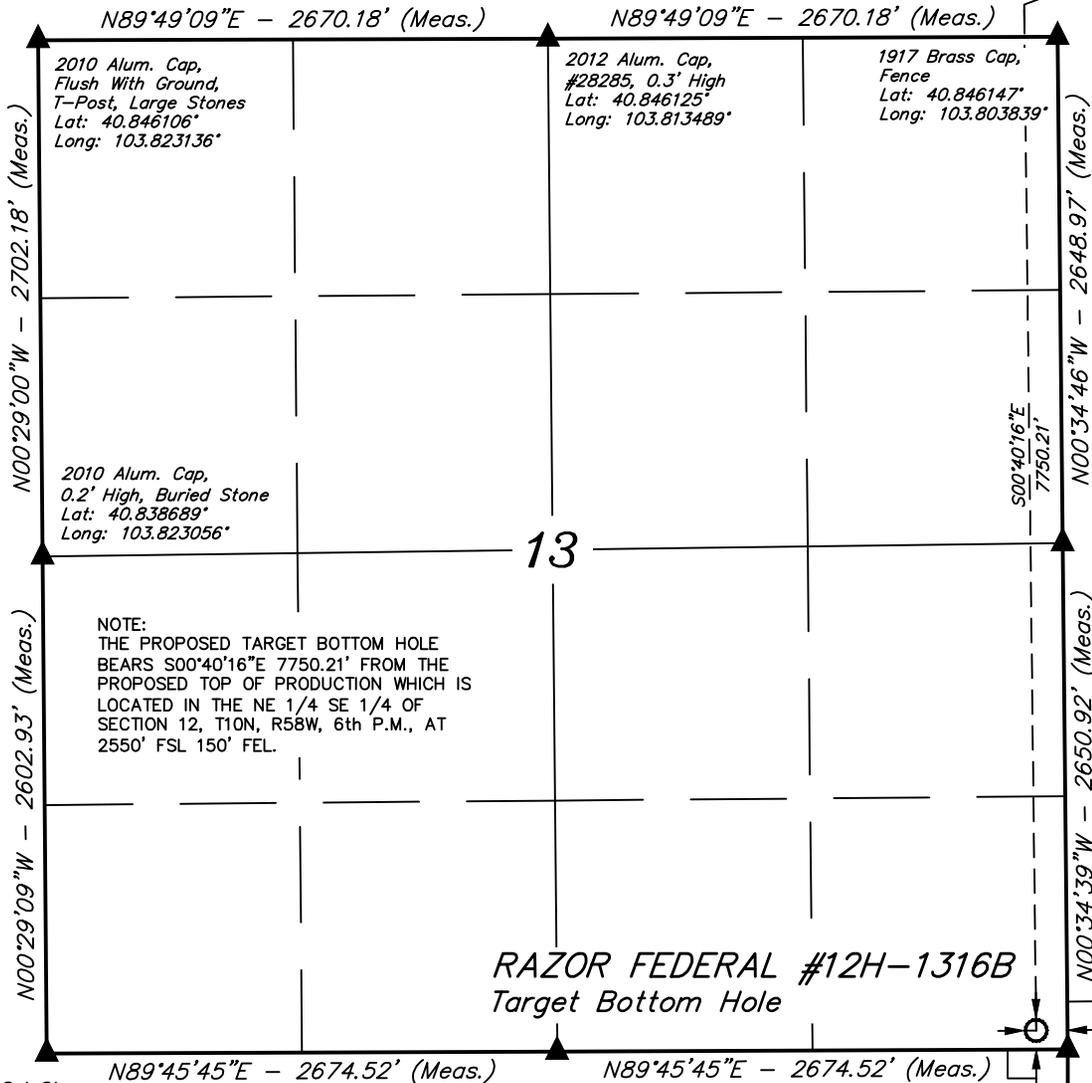
Well location, RAZOR FEDERAL #12H-1316B (TARGET BOTTOM HOLE), located as shown in the SE 1/4 SE 1/4 of Section 13, T10N, R58W, 6th P.M., Weld County, Colorado.

BASIS OF ELEVATION

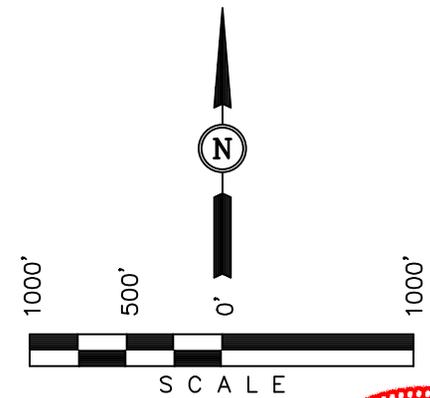
SPOT ELEVATION LOCATED AT THE NORTHEAST CORNER OF SECTION 15, T9N, R58W, 6th P.M. TAKEN FROM THE GATEHOOK SPRING, QUADRANGLE, COLORADO, WELD COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4679 FEET.

BASIS OF BEARINGS

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



NOTE:
THE PROPOSED TARGET BOTTOM HOLE BEARS S00°40'16"E 7750.21' FROM THE PROPOSED TOP OF PRODUCTION WHICH IS LOCATED IN THE NE 1/4 SE 1/4 OF SECTION 12, T10N, R58W, 6th P.M., AT 2550' FSL 150' FEL.



CERTIFICATION
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.



- LEGEND:**
- └─┘ = 90° SYMBOL
 - = PROPOSED WELLHEAD.
 - ◆ = TOP OF PRODUCTION.
 - ⊙ = TARGET BOTTOM HOLE.
 - ▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)
LATITUDE = 40°49'54.75" (40.831875)
LONGITUDE = 103°48'15.31" (103.804253)
NAD 27 (TARGET BOTTOM HOLE)
LATITUDE = 40°49'54.81" (40.831892)
LONGITUDE = 103°48'13.51" (103.803753)

UNTAH ENGINEERING & LAND SURVEYING		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 05-10-13	DATE DRAWN: 05-15-13
PARTY J.H. C.M. A.D.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE WHITING OIL & GAS CORP.	