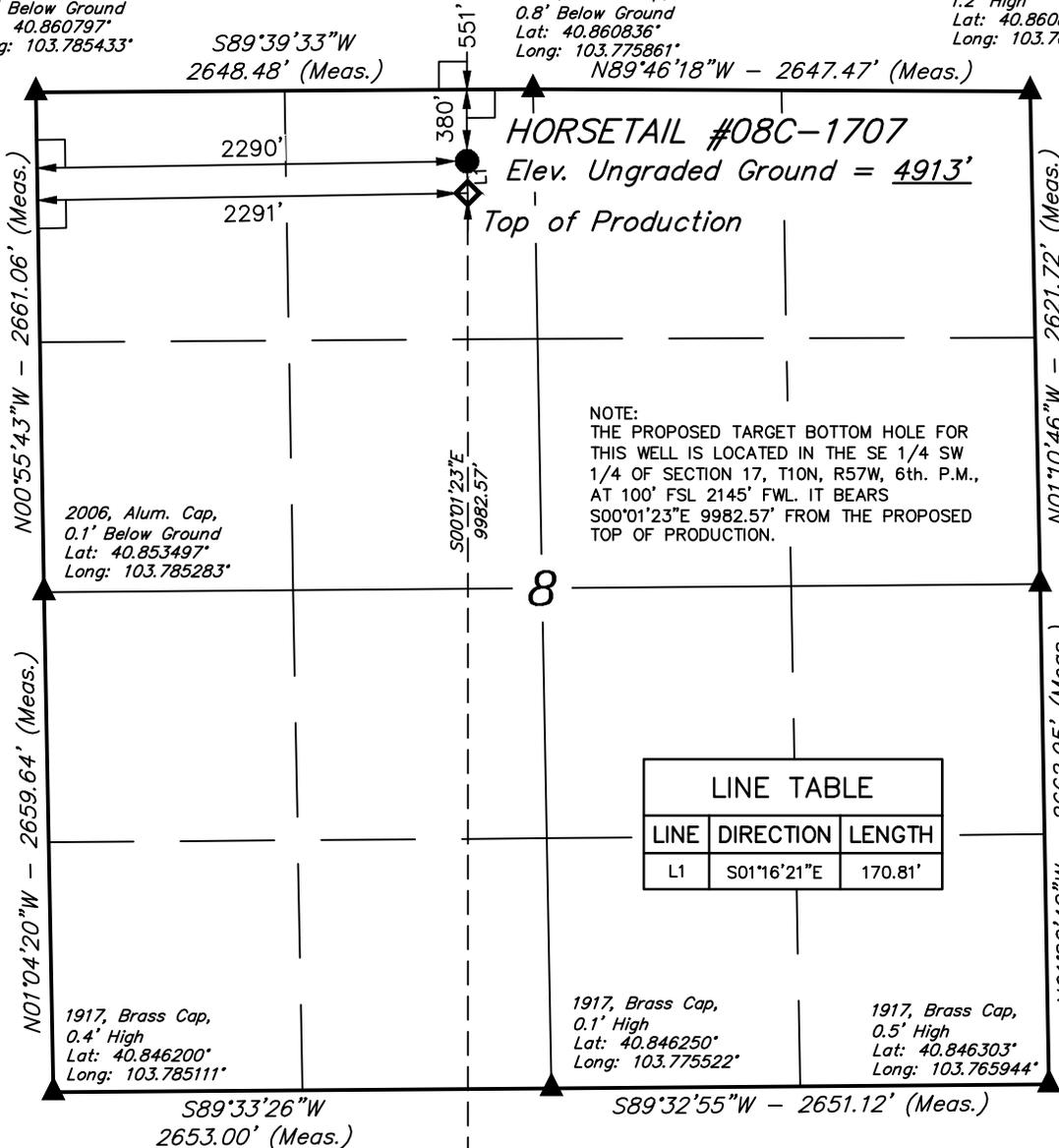


T10N, R57W, 6th. P.M.

2006, Alum. Cap,
0.9' Below Ground
Lat: 40.860797°
Long: 103.785433°

2006, Alum. Cap,
0.8' Below Ground
Lat: 40.860836°
Long: 103.775861°

1917, Brass Cap,
1.2' High
Lat: 40.860800°
Long: 103.766292°



NOTE:
THE PROPOSED TARGET BOTTOM HOLE FOR THIS WELL IS LOCATED IN THE SE 1/4 SW 1/4 OF SECTION 17, T10N, R57W, 6th. P.M., AT 100' FSL 2145' FWL. IT BEARS S00°01'23"E 9982.57' FROM THE PROPOSED TOP OF PRODUCTION.

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S01°16'21"E	170.81'

WHITING OIL & GAS CORP.

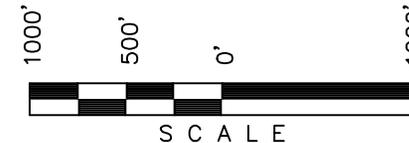
Well location, HORSETAIL #08C-1707, (SURFACE LOCATION), located as shown in the NE 1/4 NW 1/4 of Section 8, T10N, R57W, 6th. P.M., Weld County, Colorado.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE NORTHEAST CORNER OF SECTION 15, T9N, R58W, 6th P.M. TAKEN FROM THE 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.



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.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 28285
STATE OF COLORADO

REV: 2 03-28-16 B.D.H. (TOP OF PRODUCTION CHANGE)

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

LEGEND:

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

○ Target Bottom Hole

PDOP = 1.6

NAD 83 (TOP OF PRODUCTION)		NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°51'33.55"	(40.859319)	LATITUDE = 40°51'35.24"	(40.859789)
LONGITUDE = 103°46'37.64"	(103.777122)	LONGITUDE = 103°46'37.69"	(103.777136)
NAD 27 (TOP OF PRODUCTION)		NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°51'33.60"	(40.859333)	LATITUDE = 40°51'35.29"	(40.859803)
LONGITUDE = 103°46'35.83"	(103.776619)	LONGITUDE = 103°46'35.88"	(103.776633)

SCALE 1" = 1000'	DATE SURVEYED: 11-25-13	DATE DRAWN: 12-17-13
PARTY DALLAS NIELSEN G.W. S.F.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE WHITING OIL & GAS CORP.	

T10N, R57W, 6th. P.M.

WHITING OIL & GAS CORP.

Top of Production

1917, Brass Cap,
0.5' High
Lat: 40.846303°
Long: 103.765944°

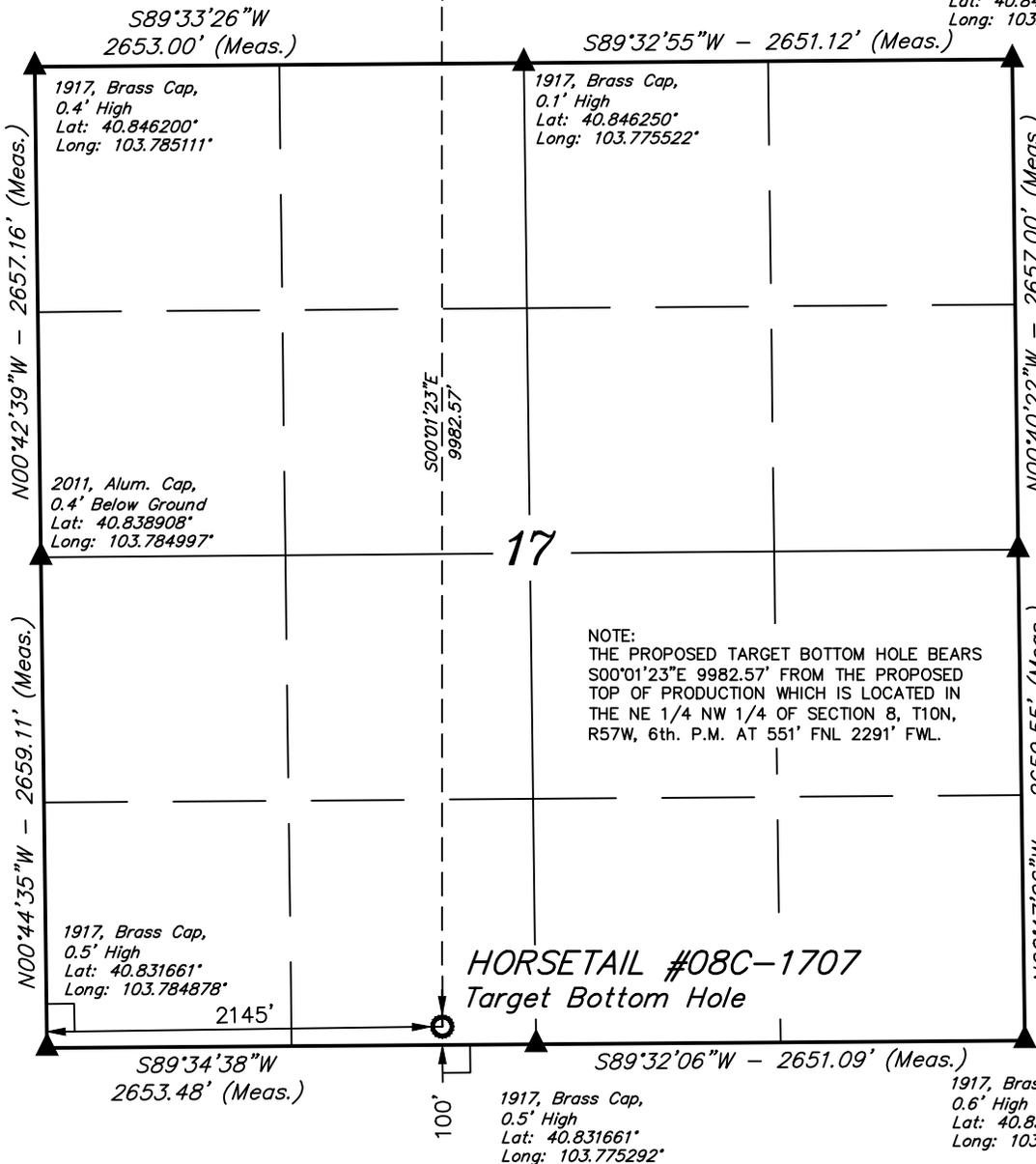
Well location, HORSETAIL #08C-1707 (TARGET BOTTOM HOLE), located as shown in the SE 1/4 SW 1/4 of Section 17, T10N, R57W, 6th. P.M., Weld County, Colorado.

BASIS OF ELEVATION

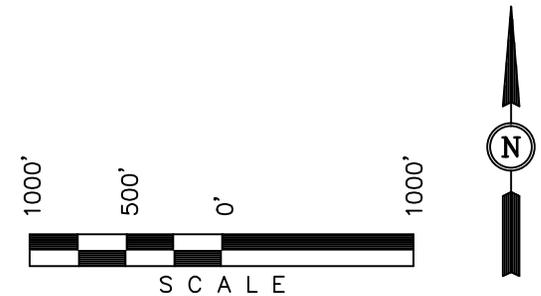
SPOT ELEVATION LOCATED AT THE NORTHEAST CORNER OF SECTION 15, T9N, R58W, 6th P.M. TAKEN FROM THE GATEHOOK SPRING, QUADRANGLE, COLORADO, WELD COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4679 FEET.

BASIS OF BEARINGS

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



NOTE:
THE PROPOSED TARGET BOTTOM HOLE BEARS
S00°01'23\"E 9982.57' FROM THE PROPOSED
TOP OF PRODUCTION WHICH IS LOCATED IN
THE NE 1/4 NW 1/4 OF SECTION 8, T10N,
R57W, 6th. P.M. AT 551' FNL 2291' FWL.



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.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 28285
STATE OF COLORADO

REV: 2 03-28-16 B.D.H. (TOP OF PRODUCTION CHANGE)

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85 SOUTH 200 EAST - VERNAL, UTAH 84078
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- LEGEND:**
- └─┘ = 90° SYMBOL
 - ◆ = TOP OF PRODUCTION.
 - = TARGET BOTTOM HOLE.
 - ▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)
LATITUDE = 40°49'54.93" (40.831925)
LONGITUDE = 103°46'37.68" (103.777133)
NAD 27 (TARGET BOTTOM HOLE)
LATITUDE = 40°49'54.98" (40.831939)
LONGITUDE = 103°46'35.88" (103.776633)

SCALE 1" = 1000'	DATE SURVEYED: 11-25-13	DATE DRAWN: 12-17-13
PARTY DALLAS NIELSEN G.W. S.F.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE WHITING OIL & GAS CORP.	