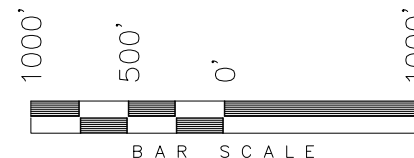


7

## WHITING OIL &amp; GAS CORP.

WELL LOCATION, COTTONWOOD FED 07M-1902  
LOCATED AS SHOWN IN THE SW 1/4  
SW 1/4 (LOT 4) OF SECTION 7, T9N,  
R57W, 6th P.M. WELD COUNTY, COLORADO.

**NOTES:**

1. Well footages are measured at right angles to the Section Lines.
2. G.P.S. Operator: C. Stewart, (PDOP) = 1.3



= SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction.  
LOCATION: LAT. 40°46'03.41" LONG. 103°46'26.97"  
(Tristate Aluminum Cap) NAVD 88 Elev. 4750.22'

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF REAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION. THE LOCATION HAS BEEN STAKED ON THE GROUND AS SHOWN ON THE PLAT AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

07-13-15  
# 30125  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 30125  
STATE OF COLORADO

**TRI STATE LAND SURVEYING & CONSULTING**

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
(435) 781-2501

DATE SURVEYED: 06-23-15	SURVEYED BY: C.S.	SHEET  11
DATE DRAWN: 06-24-15	DRAWN BY: F.T.M.	
REVISED: 07-13-15 F.T.M.	SCALE: 1" = 1000'	

**WELL LOCATION:  
COTTONWOOD FED 07M-1902**

ELEV. UNGRADED GROUND = 4628.1'

1917 Brass Cap  
LATITUDE: 40°45'31.85"  
LONGITUDE: -103°47'36.51"

1917 Brass Cap  
LATITUDE: 40°45'31.72"  
LONGITUDE: -103°47'02.39"

IMPROVEMENT NOTE:  
See addendum to legal plat  
(Sheet 2) for visible  
improvements within 500'  
of the proposed location.

**T9N, R57W, 6th P.M.**

1" Broken Pipe  
Filled with Concrete  
LATITUDE: 40°45'05.74"  
LONGITUDE: 103°47'01.69"

NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°45'35.44"	(40.759846°)
LONGITUDE = 103°47'58.94"	(103.799706°)
NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°45'35.49"	(40.759859°)
LONGITUDE = 103°47'57.13"	(103.799203°)

1917 Brass Cap  
LATITUDE: 40°44'39.54"  
LONGITUDE: 103°47'35.24"

1917 Brass Cap  
LATITUDE: 40°44'39.65"  
LONGITUDE: 103°47'01.03"

See Sheet 111

N88°39'54"E - 2604.79' (Meas.)

N88°39'17"E - 2633.77' (Meas.)

500°19'14"W - 10839.90'  
(To Bottom of Hole)

Top of Production 110.FNL 692  
FWL Hand Drawn 6-6-17

Top of Hole

847'

355'

Lot 1

Lot 2

Lot 3

Lot 4

1917 Brass Cap  
LATITUDE: 40°45'31.98"  
LONGITUDE: -103°48'10.08"

1917 Brass Cap  
LATITUDE: 40°45'05.67"  
LONGITUDE: 103°48'09.57"

1917 Brass Cap  
LATITUDE: 40°44'39.44"  
LONGITUDE: 103°48'09.07"

N00°29'01"E  
2593.12' (Meas.)

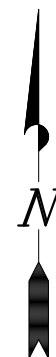
N01°56'31"W  
2662.58' (Meas.)

N01°55'17"W  
2656.42' (Meas.)

N00°13'53"E  
5278.66' (Meas.)

N02°16'12"W - 2631.19' (Meas.)

N02°13'24"W - 2641.22' (Meas.)



See  
Sheet 11

**T9N, R57W, 6th P.M.**

**WHITING OIL & GAS CORP.**

1917 Brass Cap  
LATITUDE: 40°44'39.44"  
LONGITUDE: 103°48'09.07"

N88°39'54"E  
2604.79' (Meas.)

N88°39'17"E - 2633.77' (Meas.)

1917 Brass Cap  
LATITUDE: 40°44'39.54"  
LONGITUDE: 103°47'35.24"

1917 Brass Cap  
LATITUDE: 40°44'39.65"  
LONGITUDE: 103°47'01.03"

500°19'14"W - 10839.90'  
(From Top of Hole)

Lot 1

Lot 2

Lot 3

**TARGET BOTTOM HOLE:  
COTTONWOOD FED 07M-1902**

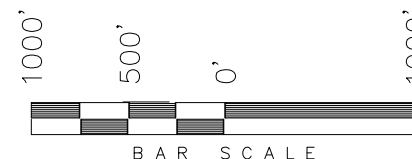
Lot 4  
Bottom  
of Hole

1917 Brass Cap  
LATITUDE: 40°43'47.38"  
LONGITUDE: 103°48'08.85"

BASIS OF ELEV; Elevations are based on an  
N.G.S. OPUS Correction. LOCATION:  
LAT. 40°46'03.41" LONG. 103°46'26.97"  
(Tristate Aluminum Cap) NAVD 88 Elev. 4750.22'

NAD 83 (BOTTOM HOLE LOCATION)	
LATITUDE	= 40°43'48.39" (40.730109°)
LONGITUDE	= 103°48'02.43" (103.800675°)
NAD 27 (BOTTOM HOLE LOCATION)	
LATITUDE	= 40°43'48.44" (40.730122°)
LONGITUDE	= 103°48'00.62" (103.800171°)

TARGET BOTTOM HOLE, COTTONWOOD FED  
07M-1902, LOCATED AS SHOWN IN THE  
SW 1/4 SW 1/4 (LOT 4) OF SECTION 19,  
T9N, R57W, 6th P.M. WELD COUNTY,  
COLORADO.



NOTES:

- Bearings are based on Global  
Positioning Satellite observations.



◆ = SECTION CORNERS LOCATED

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MADE BY ME OR UNDER MY SUPERVISION. THE  
LOCATION HAS BEEN STATIONED ON THE GROUND AS  
SHOWN ON THE PLAT, AND THAT THE SAME ARE  
TRUE AND CORRECT TO THE BEST OF MY  
KNOWLEDGE AND BELIEF.

07-13-15  
# 30125  
REGISTERED LAND SURVEYOR  
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DATE SURVEYED: 06-23-15	SURVEYED BY: C.S.	SHEET <b>111</b>
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