

T8S, R100W, 6th P.M.

R 100 W
R 99 W

Encana OIL & GAS (USA) INC.

Well location, DHS10C-18 012 8100 (SURFACE LOCATION), located as shown in LOT 4 of Section 12, T8S, R100W, 6th P.M., Garfield County, Colorado.

C.C. 1919 Brass Cap
2.3' High
Lat: 39.382344°
Long: 108.489022°

N89°58'04"E - 4308.16' (Meas.)

1919 Brass Cap
0.6' High
Lat: 39.382339°
Long: 108.504258°

COCO 012653

A.P. 1919 Brass Cap
2.2' High
Lat: 39.381967°
Long: 108.489092°

LOT 1

S08°04'10"W
139.60' (Meas.)

VERTICAL CONTROL DATUM: NAVD88

[Derived from: N.G.S. O.P.U.S. Solution

NOTE:
SEE SHEET 6A FOR EXISTING IMPROVEMENTS
WITHIN 400' OF THE PROPOSED WELL
DISTURBANCE.

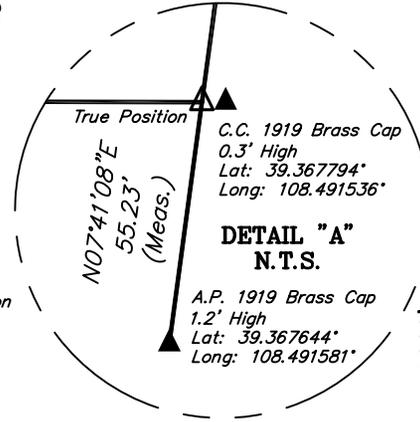
NOTE:
THE START OF PRODUCING INTERVAL FOR
THIS WELL IS LOCATED IN LOT 13 OF
SECTION 7, T8S, R99W, 6th P.M. AT A
DISTANCE OF 775' FSL 958' FWL. IT BEARS
S64°09'41"E 1444.55' FROM THE PROPOSED
WELL HEAD.

LOT 2

N00°10'29"E - 2637.73' (Meas.)

S89°36'50"E - 3955.45' (Meas. To True)

S89°36'50"E - 3949.64' (Meas. To C.C.)



Sheet 1a of 10

1919 Brass Cap
2.1' High
Lat: 39.375097°
Long: 108.504283°

12

C.C. 1919 Brass Cap
0.6' High
Lat: 39.375025°
Long: 108.490319°

LOT 3

NOTE:
THE PROPERTY LINE IS LOCATED NORTH
288' FROM THE PROPOSED WELL HEAD.

DHS10C-18 012 8100

Elev. Ungraded Ground = 6723.3'

Elev. Graded Ground = 6724.7'

LOT 4

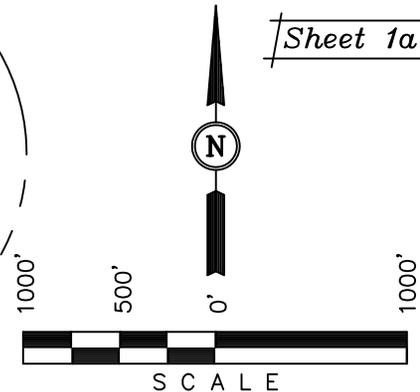
1031'
415'

SEE DETAIL "A"
@ UPPER RIGHT

N89°51'09"W - 3607.30' (Meas. To True)

N89°51'09"W - 3612.68' (Meas. To C.C.)

1919 Brass Cap
0.4' High
Lat: 39.367819°
Long: 108.504308°



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED AND LOCATION AS SHOWN WAS STAKED ON THE GROUND 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. 17492
STATE OF COLORADO
06-01-12

LEGEND:

└─┘ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

△ = SECTION CORNERS RE-ESTAB.
(Not Set on Ground)

PDOP = 1.3

NAD 83 (SURFACE LOCATION)

LATITUDE = 39°22'14.26" (39.370628)
LONGITUDE = 108°29'33.15" (108.492542)

NAD 27 (SURFACE LOCATION)

LATITUDE = 39°22'14.34" (39.370650)
LONGITUDE = 108°29'30.82" (108.491894)

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

SCALE 1" = 1000'	DATE SURVEYED: 04-14-12	DATE DRAWN: 06-01-12
PARTY B.J. T.M. T.B.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE Encana OIL & GAS (USA) INC.	

T8S, R99W, 6th P.M.

Well location, DHS10C-18 012 8100 (START OF PRODUCING INTERVAL), located as shown in LOT 13 of Section 7, T8S, R99W, 6th P.M., Garfield County, Colorado.

WEST - 6553.80' (G.L.O.)

A.P. 1919 Brass Cap
2.2' High
Lat: 39.381967°
Long: 108.489092°

C.C. 1930 Brass Cap
Lat: 39.381294°
Long: 108.489200°

COCO 012646

VERTICAL CONTROL
DATUM: NAVD88

[Derived from:
N.G.S. O.P.U.S. Solution]

True Position

R
100
W

R
99
W

LOT 6

LOT 5

LOT 7

LOT 8

LOT 11

LOT 10

LOT 9

NOTE:
THE LEASE LINE IS LOCATED SOUTH
775' FROM THE PROPOSED START OF
PRODUCING INTERVAL.

DHS10C-18 012 8100
START OF PRODUCING
INTERVAL

LOT 12

LOT 13

LOT 14

N89°55'08"E - 4543.88' (Meas. To True)
N89°55'08"E - 4545.08' (Meas. To C.C.)

CERTIFICATE

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A.P. 2 TR 46
1919 Brass Cap
1.5' High
Lat: 39.366769°
Long: 108.491594°

REGISTERED LAND SURVEYOR
REGISTRATION NO. 17492
STATE OF COLORADO

A.P. 1919 Brass Cap
1.2' High
Lat: 39.367644°
Long: 108.491581°

N00°26'50"E
319.00' (Meas.)
S00°26'50"W
1006.94' (Meas.)

C.C. 1919 Brass Cap
1.5' High
Lat: 39.366769°
Long: 108.491594°

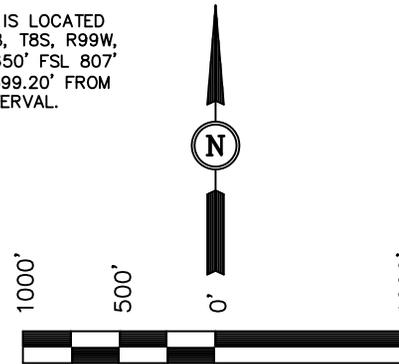
S07°41'10"W - 5265.39' (Meas.)

True Position

NOTE:
THE PROPOSED BOTTOM HOLE IS LOCATED IN THE LOT 23 OF SECTION 18, T8S, R99W, 6th P.M. AT A DISTANCE OF 650' FSL 807' FWL. IT BEARS S00°14'12"W 5399.20' FROM THE START OF PRODUCING INTERVAL.

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTAB. (Not Set on Ground)



SCALE

WEST - 2640.00' (G.L.O.)

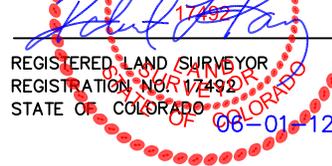
N00°03'W - 5280.00' (G.L.O.)

Sheet 1b of 10

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

SCALE 1" = 1000'	DATE SURVEYED: 04-14-12	DATE DRAWN: 06-01-12
PARTY B.J. T.M. T.B.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE Encana OIL & GAS (USA) INC.	

NAD 83 (START OF PRODUCING INTERVAL)
LATITUDE = 39°22'08.04" (39.368900)
LONGITUDE = 108°29'16.60" (108.487944)
NAD 27 (START OF PRODUCING INTERVAL)
LATITUDE = 39°22'08.12" (39.368922)
LONGITUDE = 108°29'14.27" (108.487297)



A.P. 1919
Brass Cap
1.2' High
Lat: 39.367644°
Long: 108.491581°

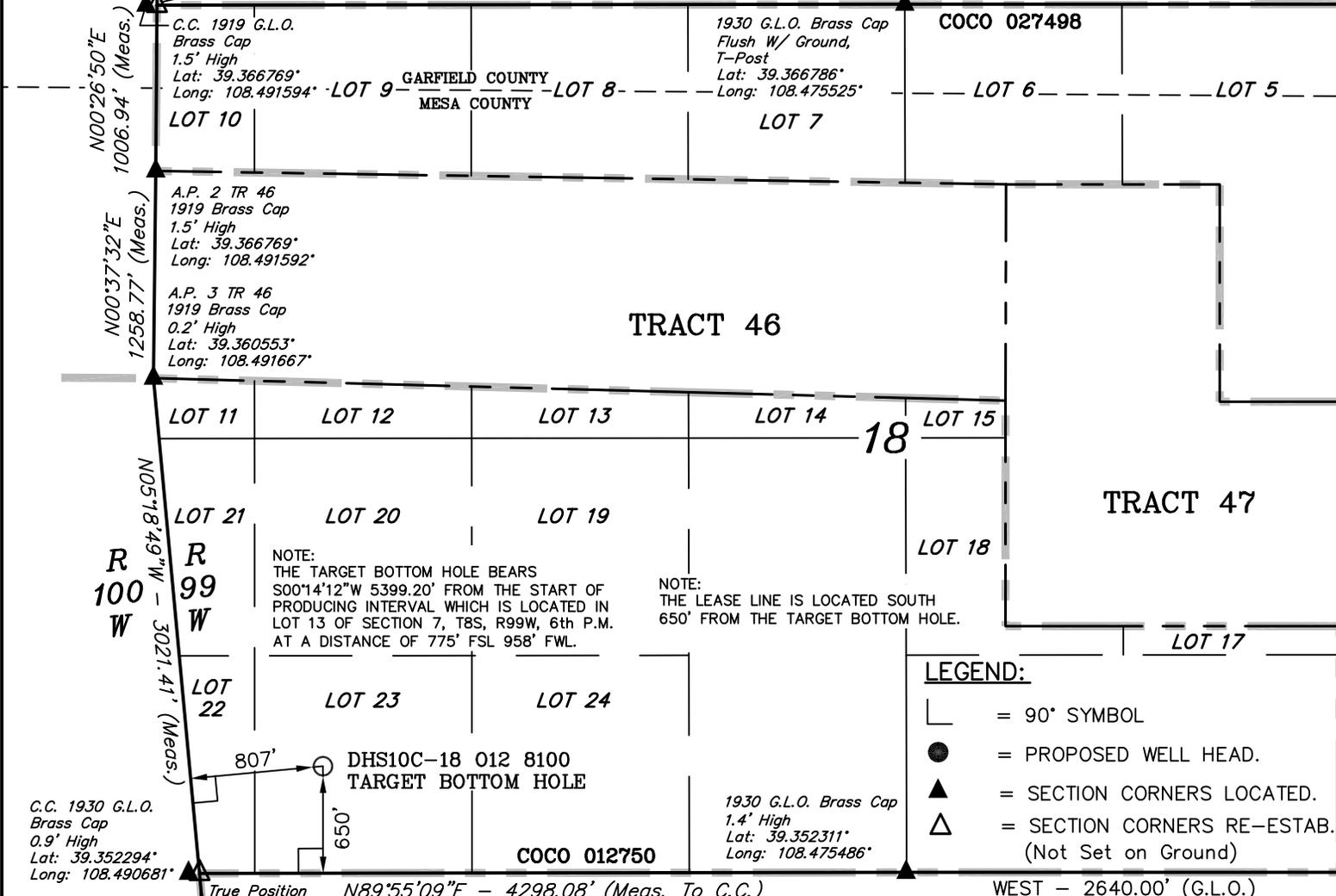
T8S, R99W, 6th P.M.

N89°55'08"E - 4543.88' (Meas. To True)
N89°55'08"E - 4545.08' (Meas. To C.C.)

Encana OIL & GAS (USA) INC.

Well location, DHS10C-18 012 8100 (TARGET BOTTOM HOLE), located as shown in LOT 23 of Section 18, T8S, R99W, 6th P.M., Garfield County, Colorado.

WEST - 2640.00' (G.L.O.)



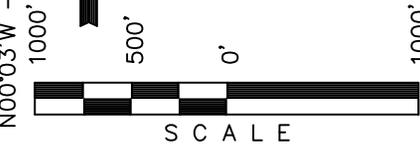
VERTICAL CONTROL
DATUM: NAVD88

[Derived from:
N.G.S. O.P.U.S. Solution]



Sheet 1c of 10

N00°03'W - 5280.00' (G.L.O.)



CERTIFICATE

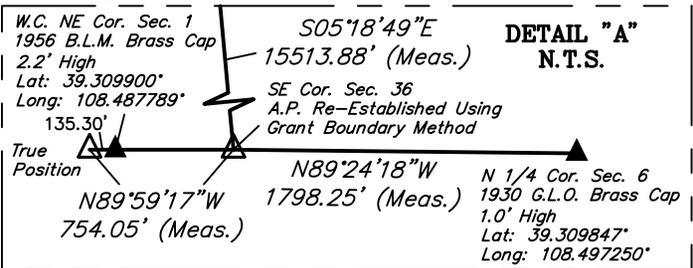
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[Signature]
REGISTERED LAND SURVEYOR
REGISTRATION NO. 17492
STATE OF COLORADO
06-01-12

C.C. 1930 G.L.O.
Brass Cap
0.9' High
Lat: 39.352294°
Long: 108.490681°

True Position N89°55'09"E - 4298.08' (Meas. To C.C.)
N89°55'09"E - 4297.03' (Meas. To True)

SEE DETAIL "A"
@ LOWER RIGHT



NAD 83 (TARGET BOTTOM HOLE)	
LATITUDE = 39°21'14.69" (39.354081)	
LONGITUDE = 108°29'16.89" (108.488025)	
NAD 27 (TARGET BOTTOM HOLE)	
LATITUDE = 39°21'14.77" (39.354103)	
LONGITUDE = 108°29'14.56" (108.487378)	

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(435) 789-1017		
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