

**Encana OIL & GAS (USA) INC.**

Well location, DHN7B-20 K29 6100 (SURFACE LOCATION), located as shown in the NE 1/4 SW 1/4 of Section 29, T6S, R100W, 6th P.M., Garfield County, Colorado.

**BASIS OF ELEVATION**

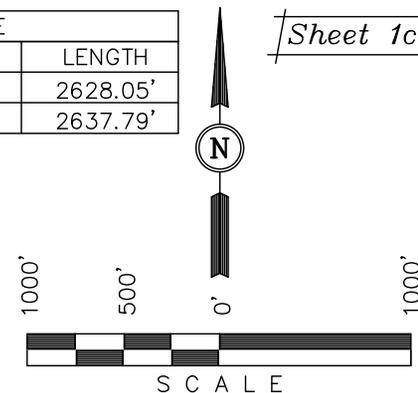
SPOT ELEVATION AT A ROAD INTERSECTION IN THE SW 1/4 SE 1/4 OF SECTION 20, T6S, R100W, 6th P.M. TAKEN FROM THE HENDERSON RIDGE QUADRANGLE, COLORADO, GARFIELD COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5932 FEET.

**BASIS OF BEARINGS**

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

LINE TABLE		
LINE	BEARING	LENGTH
L1	S89°38'25"W	2628.05'
L2	N89°58'30"W	2637.79'

Sheet 1c of 11



**CERTIFICATE**

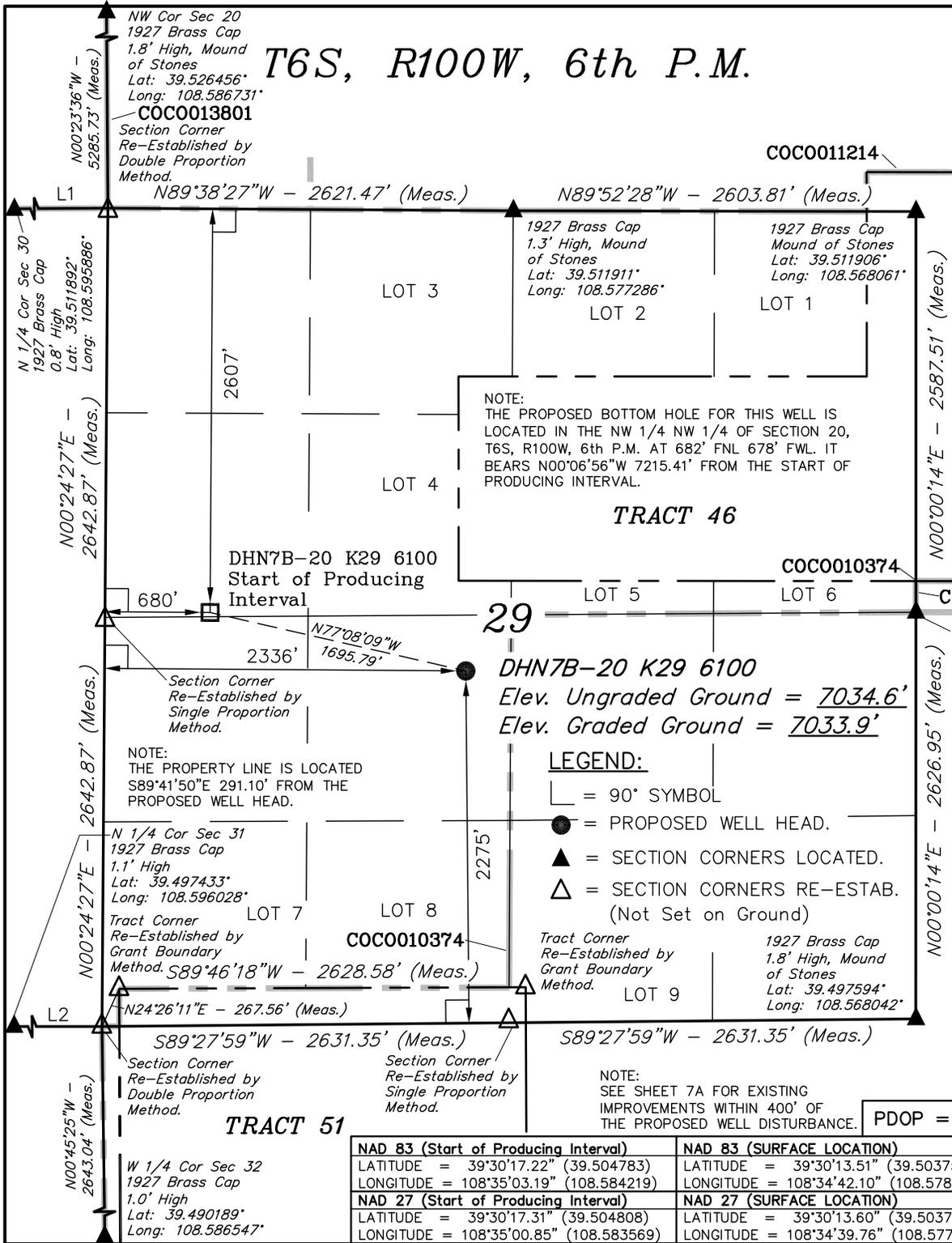
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED AND LOCATION AS SHOWN WAS STAKED ON THE GROUND FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 17492  
STATE OF COLORADO  
02-10-2012

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

SCALE 1" = 1000'	DATE SURVEYED: 01-25-12	DATE DRAWN: 02-08-12
PARTY B.J. G.M. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE Encana OIL & GAS (USA) INC.	

**T6S, R100W, 6th P.M.**



NW Cor Sec 20  
1927 Brass Cap  
1.8' High, Mound of Stones  
Lat: 39.526456°  
Long: 108.586731°  
**COC0013801**  
Section Corner  
Re-Established by Double Proportion Method.

**COC0011214**

LOT 3

LOT 2

LOT 1

LOT 4

**TRACT 46**

**COC0010374**

**COC0009515**

**29**

**DHN7B-20 K29 6100**  
Elev. Ungraded Ground = 7034.6'  
Elev. Graded Ground = 7033.9'

**LEGEND:**

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

**COC0010374**

Tract Corner Re-Established by Grant Boundary Method.  
1927 Brass Cap 1.8' High, Mound of Stones  
Lat: 39.497594°  
Long: 108.568042°

**TRACT 51**

N 1/4 Cor Sec 31  
1927 Brass Cap  
1.1' High  
Lat: 39.497433°  
Long: 108.596028°

Tract Corner Re-Established by Grant Boundary Method.  
S89°46'18"W - 2628.58' (Meas.)

Section Corner Re-Established by Double Proportion Method.

Section Corner Re-Established by Single Proportion Method.

W 1/4 Cor Sec 32  
1927 Brass Cap  
1.0' High  
Lat: 39.490189°  
Long: 108.586547°

N 1/4 Cor Sec 30  
1927 Brass Cap  
0.8' High  
Lat: 39.511892°  
Long: 108.595986°

N00°24'27"E - 2642.87' (Meas.)

N00°24'27"E - 2642.87' (Meas.)

N00°24'27"E - 2642.87' (Meas.)

N00°45'25"W - 2643.04' (Meas.)

N00°23'36"W - 5285.73' (Meas.)

L1

N89°38'27"W - 2621.47' (Meas.)

N89°52'28"W - 2603.81' (Meas.)

N00°00'14"E - 2587.51' (Meas.)

N00°00'14"E - 2626.95' (Meas.)

N89°38'27"W - 2621.47' (Meas.)

N89°52'28"W - 2603.81' (Meas.)

2607'

N00°00'14"E - 2587.51' (Meas.)

N00°00'14"E - 2626.95' (Meas.)

DHN7B-20 K29 6100  
Start of Producing Interval

680'

2336'

N77°08'09"W - 1695.79'

Section Corner Re-Established by Single Proportion Method.

NOTE: THE PROPERTY LINE IS LOCATED S89°41'50"E 291.10' FROM THE PROPOSED WELL HEAD.

LOT 7

LOT 8

2275'

S89°27'59"W - 2631.35' (Meas.)

S89°27'59"W - 2631.35' (Meas.)

L2

**TRACT 51**

W 1/4 Cor Sec 32  
1927 Brass Cap  
1.0' High  
Lat: 39.490189°  
Long: 108.586547°

T6S, R100W, 6th P.M.

Well location, DHN7B-20 K29 6100 (TARGET BOTTOM HOLE), located as shown in the NW 1/4 NW 1/4 of Section 20, T6S, R100W, 6th P.M., Garfield County, Colorado.

BASIS OF ELEVATION

SPOT ELEVATION AT A ROAD INTERSECTION IN THE SW 1/4 SE 1/4 OF SECTION 20, T6S, R100W, 6th P.M. TAKEN FROM THE HENDERSON RIDGE QUADRANGLE, COLORADO, GARFIELD COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5932 FEET.

BASIS OF BEARINGS

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

1927 Brass Cap  
1.8' High, Mound  
of Stones  
Lat: 39.526456°  
Long: 108.586731°

1927 Brass Cap  
1.5' High  
Lat: 39.526417°  
Long: 108.568031°

1927 Brass Cap  
1.4' High  
Lat: 39.526467°  
Long: 108.577361°

AP4 Tract Corner  
1927 Brass Cap  
0.5' High  
Lat: 39.521875°  
Long: 108.570131°

1927 Brass Cap  
1.5' High, Mound  
of Stones  
Lat: 39.519319°  
Long: 108.568064°

NOTE:  
THE START OF PRODUCING INTERVAL FOR THIS WELL  
IS LOCATED IN THE SW 1/4 NW 1/4 OF SECTION  
29, T6S, R100W, 6th P.M. AT 2607' FNL 680' FWL.  
IT BEARS S00°06'56"E 7215.41' FROM THE  
PROPOSED BOTTOM HOLE.

LINE TABLE		
LINE	BEARING	LENGTH
L1	S89°38'25"W	2628.05'

1927 Brass Cap  
1.3' High, Mound  
of Stones  
Lat: 39.511911°  
Long: 108.577286°

1927 Brass Cap  
Mound of Stones  
Lat: 39.511906°  
Long: 108.568061°

Section Corner  
Re-Established by  
Double Proportion  
Method.

N 1/4 Cor Sec 30  
1927 Brass Cap  
0.8' High  
Lat: 39.511892°  
Long: 108.595886°

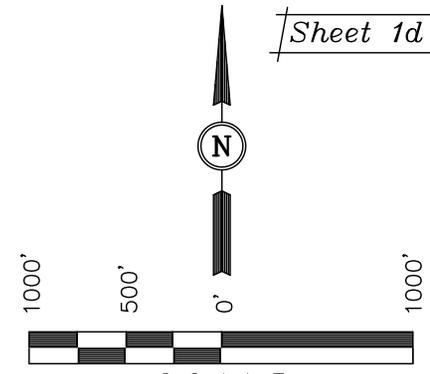
W 1/4 Cor Sec 29  
Section Corner  
Re-Established by  
Single Proportion  
Method.

LEGEND:

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

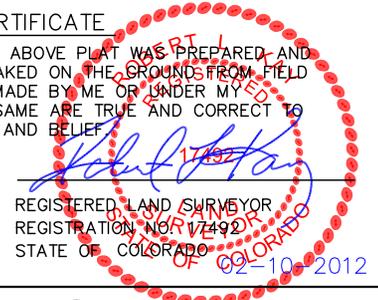
<b>NAD 83 (TARGET BOTTOM HOLE)</b>	
LATITUDE	= 39°31'28.51" (39.524586)
LONGITUDE	= 108°35'03.50" (108.584306)
<b>NAD 27 (TARGET BOTTOM HOLE)</b>	
LATITUDE	= 39°31'28.60" (39.524611)
LONGITUDE	= 108°35'01.16" (108.583656)

Sheet 1d of 11



CERTIFICATE

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