

# Encana OIL & GAS (USA) INC.

Well location, SG 8502D-23 L24 496 (SURFACE LOCATION), located as shown in the NW 1/4 SW 1/4 of Section 24, T4S, R96W, 6th P.M., Garfield County, Colorado.

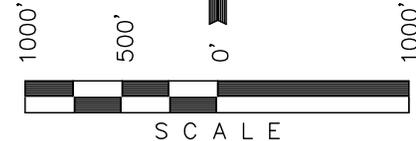
## BASIS OF ELEVATION

BENCH MARK (H79) LOCATED IN THE NE 1/4 OF SECTION 25, T4S, R98W, 6th P.M. TAKEN FROM THE BULL FORK QUADRANGLE, COLORADO, 7.5 MINUTE SERIES (TOPO GRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 8535 FEET.

## BASIS OF BEARINGS

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

Sheet 1nn of 11



## CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED AND LOCATION AS SHOWN 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  
04-01-2012

Revised: 04-01-12 D.R.B.

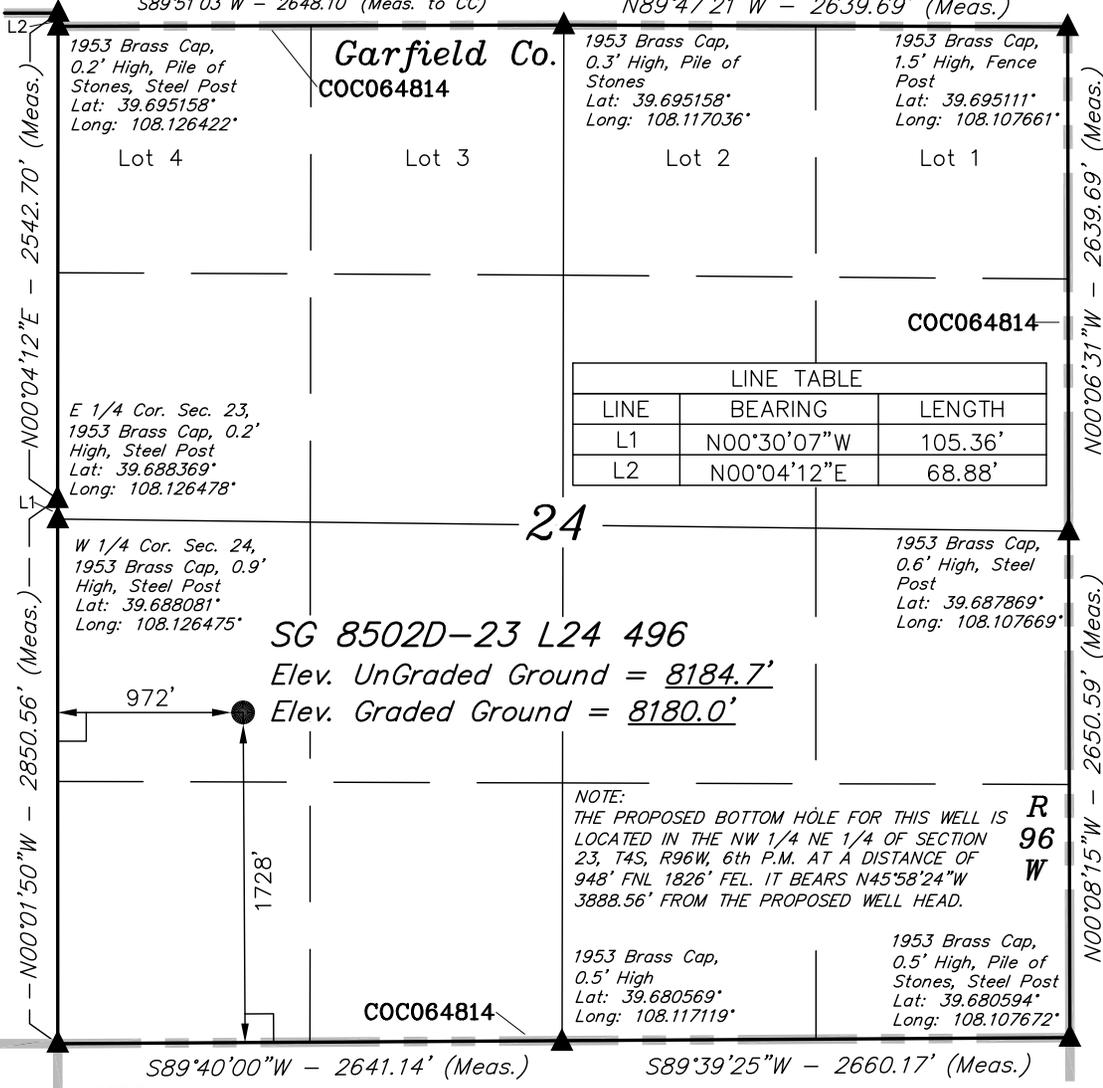
**UINTAH ENGINEERING & LAND SURVEYING**  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

NE Cor Sec 23  
1953 Brass Cap,  
0.6' High, Pile of  
Stones  
Lat: 39.695347°  
Long: 108.126444°

**T4S, R96W, 6th P.M.**  
**Rio Blanco Co.**

S89°51'03"W - 2648.68' (Meas. to True)  
S89°51'03"W - 2648.10' (Meas. to CC)

N89°47'21"W - 2639.69' (Meas.)



LINE TABLE		
LINE	BEARING	LENGTH
L1	N00°30'07"W	105.36'
L2	N00°04'12"E	68.88'

NOTE:  
THE PROPOSED BOTTOM HOLE FOR THIS WELL IS LOCATED IN THE NW 1/4 NE 1/4 OF SECTION 23, T4S, R96W, 6th P.M. AT A DISTANCE OF 948' FNL 1826' FEL. IT BEARS N45°58'24"W 3888.56' FROM THE PROPOSED WELL HEAD.

## LEGEND:

- ⊥ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

SEE SHEET 7A FOR EXISTING IMPROVEMENT WITHIN 400' OF THE PROPOSED WELL DISTURBANCE

NOTE:  
THE PROPERTY LINE IS LOCATED N00°08'57"W 3593.37' FROM THE TARGET BOTTOM HOLE.

PDOP = 1.2

NAD 83 (SURFACE LOCATION)	
LATITUDE = 39°41'07.07" (39.685297)	
LONGITUDE = 108°07'22.93" (108.123036)	
NAD 27 (SURFACE LOCATION)	
LATITUDE = 39°41'07.16" (39.685322)	
LONGITUDE = 108°07'20.64" (108.122400)	

SCALE 1" = 1000'	DATE SURVEYED: 08-18-10	DATE DRAWN: 06-09-11
PARTY B.J. D.B. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE Encana OIL & GAS (USA) INC.	

T4S, R96W, 6th P.M.

Rio Blanco Co.

Garfield Co.

1953 Brass Cap,  
1.1' High, Small  
Pile of Stones  
Lat: 39.695336°  
Long: 108.131125°

1953 Brass Cap,  
0.6' High, Pile of  
Stones  
Lat: 39.695347°  
Long: 108.126444°

S89°07'26"W -  
1370.45' (Meas.)

S89°05'03"W -  
1371.03' (Meas.)

S89°48'15"W -  
1318.16' (Meas.)

S89°41'16"W -  
1317.81' (Meas.)

COC064814

1978 Brass Cap,  
0.5' High, Stones  
Lat: 39.695283°  
Long: 108.140678°

1953 Brass Cap,  
1.1' High, Small  
Pile of Stones  
Lat: 39.695333°  
Long: 108.135808°

NW Cor Sec 24  
1953 Brass Cap,  
0.2' High, Pile of  
Stones, Steel Post  
Lat: 39.695158°  
Long: 108.126422°

1953 Brass Cap,  
0.8' High, Pile of  
Stones  
Lat: 39.695233°  
Long: 108.145544°

SG 8502D-23 L24 496  
TARGET BOTTOM HOLE

1826'

31.68'  
(G.L.O.)  
True  
Position

1958 Brass Cap 0.5'  
High, Steel Post  
Lat: 39.687828°  
Long: 108.145436°

1978 Brass Cap  
0.3' High, Stones  
Lat: 39.687903°  
Long: 108.140675°

S87°20'59"W -  
1341.33' (Meas.)

23

E 1/4 Cor. Sec. 23,  
1953 Brass Cap, 0.2'  
High, Steel Post  
Lat: 39.688369°  
Long: 108.126478°

W 1/4 Cor. Sec. 24,  
1953 Brass Cap, 0.9'  
High, Steel Post  
Lat: 39.688081°  
Long: 108.126475°

S00°27'48"E - 2639.81' (Meas.)

Lot 6

Lot 5

Lot 4

Lot 7

LINE TABLE		
LINE	BEARING	LENGTH
L1	N00°30'07"W	105.36'
L2	N00°04'12"E	68.88'

1953 Brass Cap  
0.4' High, Steel  
Post, Pile of  
Stones  
Lat: 39.680583°  
Long: 108.145383°

1953 Brass Cap  
1.0' High, Pile of  
Stones  
Lat: 39.680553°  
Long: 108.135925°

1953 Brass Cap  
0.5' High, Mound of  
Stones, Steel Post  
Lat: 39.680547°  
Long: 108.126500°

COC064814

N89°53'21"W - 2663.51' (Meas.)

S89°53'19"W - 2653.93' (Meas.)

Lot 8

N00°04'12"E - 2542.70' (Meas.)

N00°01'50"W - 2850.56' (Meas.)

Encana OIL & GAS (USA) INC.

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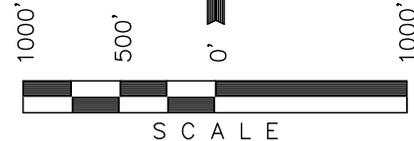
BASIS OF ELEVATION

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BASIS OF BEARINGS

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Sheet 100 of 11



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LEGEND:

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

<b>NAD 83 (TARGET BOTTOM HOLE)</b>	
LATITUDE = 39°41'33.84" (39.692733)	
LONGITUDE = 108°07'58.59" (108.132942)	
<b>NAD 27 (TARGET BOTTOM HOLE)</b>	
LATITUDE = 39°41'33.93" (39.692758)	
LONGITUDE = 108°07'56.30" (108.132306)	

SCALE 1" = 1000'	DATE SURVEYED: 08-18-10	DATE DRAWN: 06-09-11
PARTY B.J. D.B. D.R.B.	REFERENCES G.L.O. PLAT	
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