

Encana OIL & GAS (USA) INC.

Well location, SG 8507A-23 L24 496 (SURFACE LOCATION), located as shown in the SW 1/4 SW 1/4 of Section 24, T4S, R96W, 6th P.M., Garfield County, Colorado.

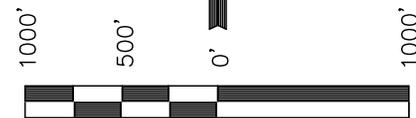
BASIS OF ELEVATION

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 1aa of 11



SCALE

CERTIFICATE

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.

Paul J. ...
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 17492
 STATE OF COLORADO
 08-09-2011

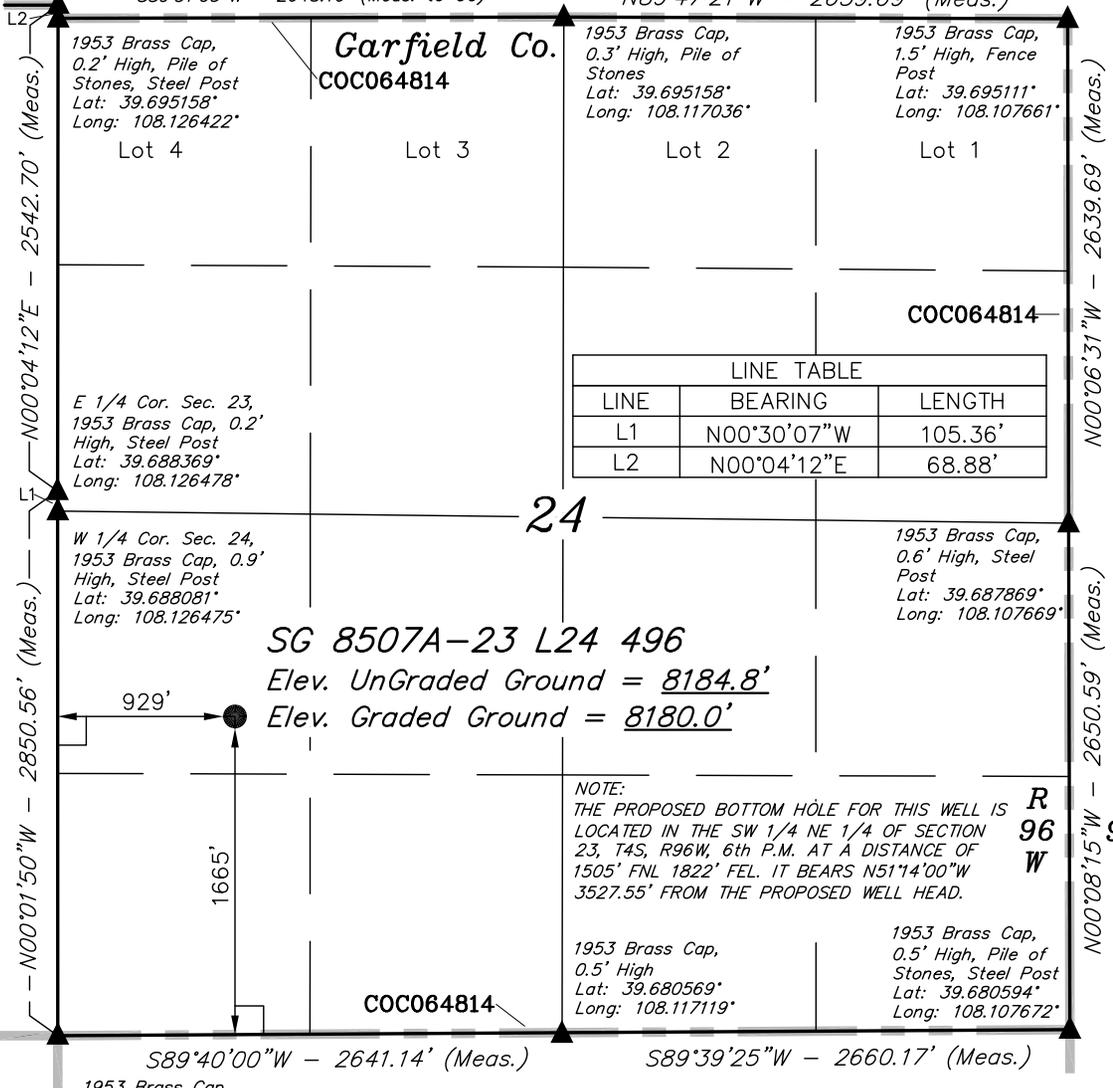
T4S, R96W, 6th P.M.

Rio Blanco Co.

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

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'

SG 8507A-23 L24 496
 Elev. UnGraded Ground = 8184.8'
 Elev. Graded Ground = 8180.0'

NOTE:
 THE PROPOSED BOTTOM HOLE FOR THIS WELL IS LOCATED IN THE SW 1/4 NE 1/4 OF SECTION 23, T4S, R96W, 6th P.M. AT A DISTANCE OF 1505' FNL 1822' FEL. IT BEARS N51°14'00"W 3527.55' 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

PDOP = 1.0

NAD 83 (SURFACE LOCATION)	
LATITUDE = 39°41'06.45" (39.685125)	
LONGITUDE = 108°07'23.47" (108.123186)	
NAD 27 (SURFACE LOCATION)	
LATITUDE = 39°41'06.54" (39.685150)	
LONGITUDE = 108°07'21.19" (108.122553)	

UINTAH ENGINEERING & LAND SURVEYING			
85 SOUTH 200 EAST - VERNAL, UTAH 84078			
(435) 789-1017			
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	FILE	
WEATHER COOL	Encana OIL & GAS (USA) INC.		

T4S, R96W, 6th P.M.

Encana OIL & GAS (USA) INC.

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

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°

Rio Blanco Co.

Garfield Co.

Lot 1

SG 8507A-23 L24 496
TARGET BOTTOM HOLE

Lot 2

23

Lot 4

Lot 7

Lot 6

Lot 5

Lot 8

NOTE:
THE PROPOSED WELL HEAD IS LOCATED IN
THE NW 1/4 SW 1/4 OF SECTION 24, T4S,
R96W, 6th P.M. AT A DISTANCE OF 1665'
FSL 929' FWL. IT BEARS S51°14'00"E
3527.55' FROM THE TARGET BOTTOM HOLE.

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°

N89°53'21"W - 2663.51' (Meas.)

S89°53'19"W - 2653.93' (Meas.)

LEGEND:

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

NAD 83 (TARGET BOTTOM HOLE)	
LATITUDE	= 39°41'28.34" (39.691206)
LONGITUDE	= 108°07'58.57" (108.132936)
NAD 27 (TARGET BOTTOM HOLE)	
LATITUDE	= 39°41'28.43" (39.691231)
LONGITUDE	= 108°07'56.28" (108.132300)

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BOTTOM HOLE), located as shown in the SW
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P.M., Garfield County, Colorado.

BASIS OF ELEVATION

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Sheet 1bb of 11



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STATE OF COLORADO

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

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WEATHER COOL	FILE Encana OIL & GAS (USA) INC.	