

T5S, R96W, 6th P.M.

Encana OIL & GAS (USA) INC.

Well location, WF16F-24 125 596, located as shown in Lot 4 (Tract 37) of Section 25, T5S, R96W, 6th P.M., Garfield County, Colorado.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 30, T5S, R95W, 6th P.M. TAKEN FROM THE FORKED GULCH 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 5966 FEET.

BASIS OF BEARINGS

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

Sheet 1q of 10

LEGEND:

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



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

REV: 05-14-12

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

SCALE 1" = 1000'	DATE SURVEYED: 11-08-11	DATE DRAWN: 03-02-12
PARTY B.J. T.M. C.A.G.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE Encana OIL & GAS (USA) INC.	

1926 Brass Cap
1.0' High, Scattered
Stones
Lat: 39.593406°
Long: 108.108619°

S89°51'11"W - 2632.48' (Meas.) N89°59'50"W - 2651.46' (Meas.)

True Position
3" Alum. Cap
0.6' High
Lat: 39.593406°
Long: 108.118025°

W.C.
1917 Brass Cap
0.7' High
Lat: 39.590856°
Long: 108.127361°

LINE TABLE		
LINE	BEARING	LENGTH
L1	N00°10'29"E	495.12'
L2	S46°03'00"W	1141.14'

NW Cor. Sec. 30
1916 Brass Cap
1.0' High, Pile of
Stones, Steel Post
Lat: 39.592061°
Long: 108.108622°

R
96
W
R
95
W

NOTE:
THE PROPERTY LINE IS LOCATED S26°W
5327' FROM THE PROPOSED WELL HEAD.

East 1/4 Corner
Re-Established by
Single Porportion
Method.

True Position
WEST -211.86' (G.L.O.)
W.C.
W 1/4 Cor. Sec. 30
1917 Brass Cap 1.2'
High, Pile of Stones
Lat: 39.584798°
Long: 108.107864°

NOTE:
SEE SHEET 7A FOR EXISTING
IMPROVEMENT WITHIN 400' OF THE
PROPOSED WELL HEAD.

WF16F-24 125 596
Elev. Ungraded Ground = 5825.1'
Elev. Graded Ground = 5824.2'

NOTE:
THE TARGET BOTTOM HOLE FOR THIS
WELL IS LOCATED IN THE SE 1/4 SE 1/4
OF SECTION 24, T5S, R96W, 6th P.M., AT
26' FSL 321' FEL. IT BEARS N00°54'22"W
3178.33' FROM THE SURFACE LOCATION.

True Position True Position

S89°57'28"W - 2633.49' (Meas.)
W.C.
1917 Brass Cap,
2.0' High
Lat: 39.578006°
Long: 108.127353°

S89°57'02"W - 2653.73' (Meas.)

W.C.
1917 Brass Cap
1.5' High, Mound
of Stones
Lat: 39.576728°
Long: 108.120925°

500°05'17"W
5279.47' (Meas.)
SE Cor. Sec. 36
1982 Brass Cap
0.6' High
Lat: 39.564418°
Long: 108.108629°

PDOP = 2.3

NAD 83 (SURFACE LOCATION)	
LATITUDE = 39°35'05.12" (39.584756)	
LONGITUDE = 108°06'34.50" (108.109583)	
NAD 27 (SURFACE LOCATION)	
LATITUDE = 39°35'05.20" (39.584778)	
LONGITUDE = 108°06'32.22" (108.108950)	

C.C.
SW Cor. Sec. 30
1916 Brass Cap
Bured 0.4' Deep
Lat: 39.577559°
Long: 108.108720°

323.40' (G.L.O.)
N00°03'17"W - 2640.56' (Meas.)
W 1/4 Sec. 36
True Position

N00°01'30"W - 5280.33' (Meas.)

490.23'

True Position

N00°03'38"W - 2641.35' (Meas.)

2131'

True Position

N00°03'38"W - 2641.35' (Meas.)

True Position

491.27'

True Position

491.27'

True Position

T5S, R96W, 6th P.M.

Encana OIL & GAS (USA) INC.

Well location, WF16F-24 I25 596 (TARGET BOTTOM HOLE), located as shown in the SE 1/4 SE 1/4 of Section 24, T5S, R96W, 6th P.M., Garfield County, Colorado.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 30, T5S, R95W, 6th P.M. TAKEN FROM THE FORKED GULCH 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 5966 FEET.

BASIS OF BEARINGS

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

500'04'24"E - 5268.48' (Meas.)

S89°49'16"W - 2636.70' (Meas.) S89°48'13"W - 2650.70' (Meas.) True Position

1917 Brass Cap 1.4' High, Mound of Stones, Steel Fence Corner Post
Lat: 39.607847°
Long: 108.127392°

1917 Brass Cap 1.3' High
(3) Steel Post
Lat: 39.607869°
Long: 108.118036°

W.C. 1916 Brass Cap 2.0' High, "T" Post
Lat: 39.607894°
Long: 108.107461°

LINE TABLE		
LINE	BEARING	LENGTH
L1	WEST	330.00'
L2	S89°49'06"W	680.86'
L3	N00°01'30"W	922.02'

NOTE:

THE PROPOSED BOTTOM HOLE BEARS N00°54'22"W 3178.33' FROM THE PROPOSED WELL HEAD WHICH IS LOCATED IN LOT 4 (TRACT 37) OF SECTION 25, T5S, R96W, 6th P.M., AT 2131' FSL 274' FEL.

24

NOTE:
THE LEASE LINE IS LOCATED EAST 321' FROM THE PROPOSED BOTTOM HOLE.

W.C. 1916 Brass Cap 1.0' High, 1" Conduit
Lat: 39.599286°
Long: 108.108617°

True Position

COC0044963

R R
96 95
W W

3" Alum. Cap 0.6' High
Lat: 39.593406
Long: 108.118025

WF16F-24 I25 596
TARGET BOTTOM HOLE

26'

1926 Brass Cap 1.0' High, Scattered Stones
Lat: 39.593406°
Long: 108.108619°

N89°51'11"E - 2632.48' (Meas.)

S89°59'50"E - 2651.46' (Meas.)

S00°03'38"E
2641.35' (Meas.)

East 1/4 Corner 25
Re-Established by
Single Porportion
Method.

SW Cor. Sec. 19
1916 Brass Cap
1.0' High, Pile of
Stones, Steel Post
Lat: 39.592061°
Long: 108.108622°

W.C. 1917 Brass Cap 0.7' High
Lat: 39.590856°
Long: 108.127361°

SW Cor. Sec. 25
True Position

LEGEND:

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

NAD 83 (TARGET BOTTOM HOLE)	
LATITUDE = 39°35'36.52"	(39.593461)
LONGITUDE = 108°06'35.14"	(108.109761)
NAD 27 (TARGET BOTTOM HOLE)	
LATITUDE = 39°35'36.60"	(39.593500)
LONGITUDE = 108°06'32.86"	(108.109128)



Sheet 1r of 10



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.

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