

T4S, R96W, 6th P.M.

Well location, SG 8506D-34 E34 496, located as shown in the SW 1/4 NW 1/4 of Section 34, T4S, R96W, 6th P.M., Garfield County, Colorado.

1953 Brass Cap  
0.9' High, Steel Post  
Lat: 39.666061°  
Long: 108.164131°

S89°48'58"W - 2656.58' (Meas.)

S89°48'19"W - 2625.08' (Meas.)

BASIS OF ELEVATION

BENCH MARK (H79) LOCATED IN THE NE 1/4 OF SECTION 35, 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.

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

SG 8506D-34 E34 496  
TARGET BOTTOM HOLE

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N89°31'41"E	215.17'
L2	N79°39'02"E	342.85'

Sheet 1ff of 9



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAN 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 THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 17492  
STATE OF COLORADO  
92-18-12

REVISED: 12-18-12 T.B.

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

1953 Brass Cap  
0.3' High, Mound of Stones, Steel Post  
Lat: 39.658819°  
Long: 108.164128°

N00°07'36"W - 2639.15' (Meas.)

N00°01'13"W - 2732.19' (Meas.)

T4S  
T5S

1953 Brass Cap  
0.9' High, Steel Post  
Lat: 39.666061°  
Long: 108.164131°

1953 Brass Cap  
0.5' High  
Lat: 39.666069°  
Long: 108.154697°

1953 Brass Cap  
1.4' High, Steel Post  
Lat: 39.666077°  
Long: 108.145376°

N00°08'00"W - 2640.12' (Meas.)

N00°07'44"W - 2712.95' (Meas.)

2229'  
2169'

1338'  
1001'

SG 8506D-34 E34 496  
Elev. Ungraded Ground = 8323.1'  
Elev. Graded Ground = 8323.5'

34  
COCO 061138  
COCO 069557

1953 Brass Cap  
0.6' High, Stones, Steel Post  
Lat: 39.658832°  
Long: 108.145376°

NOTE:  
THE PROPERTY LINE IS LOCATED N69°W 2489' FROM THE PROPOSED WELL HEAD.

THE LEASE LINE IS LOCATED EAST 1313' FROM THE TARGET BOTTOM HOLE.

1953 Brass Cap  
0.2' High, E-W Fenceline, Mound of Stones, Steel Post  
Lat: 39.651322°  
Long: 108.164146°

COCO 069557

1953 Brass Cap  
0.3' High, Stones  
Lat: 39.651344°  
Long: 108.154747°

C.C. 1971 Brass Cap  
0.2' High, Pile of Stones  
Lat: 39.651392°  
Long: 108.146142°

S89°41'50"W - 2647.86' (Meas.)

True Position  
S89°31'41"W - 2639.34' (Meas.)

1953 Brass Cap  
0.3' High, Steel Post  
Lat: 39.651387°  
Long: 108.145378°

LEGEND:

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

Sec. 3

PDOP = 1.4

NAD 83 (TARGET BOTTOM HOLE)		NAD 83 (SURFACE LOCATION)	
LATITUDE = 39°39'36.41" (39.660114)	LATITUDE = 39°39'35.81" (39.659947)	LATITUDE = 39°39'35.81" (39.659947)	LATITUDE = 39°39'35.90" (39.659972)
LONGITUDE = 108°09'33.76" (108.159378)	LONGITUDE = 108°09'38.07" (108.160575)	LONGITUDE = 108°09'38.07" (108.160575)	LONGITUDE = 108°09'35.78" (108.159939)
NAD 27 (TARGET BOTTOM HOLE)		NAD 27 (SURFACE LOCATION)	
LATITUDE = 39°39'36.50" (39.660139)	LATITUDE = 39°39'35.90" (39.659972)	LATITUDE = 39°39'35.90" (39.659972)	LATITUDE = 39°39'35.78" (108.159939)
LONGITUDE = 108°09'31.47" (108.158742)	LONGITUDE = 108°09'35.78" (108.159939)	LONGITUDE = 108°09'35.78" (108.159939)	

SCALE 1" = 1000'	DATE SURVEYED: 06-01-12	DATE DRAWN: 07-05-12
PARTY B.B. C.C. T.B.		REFERENCES G.L.O. PLAT
WEATHER COLD		FILE Encana OIL & GAS (USA) INC.