

T9N, R59W, 6th. P.M.

CARRIZO OIL & GAS, INC.

Well location, PTASNIK #33-11-9-59, located as shown in the NW 1/4 NW 1/4 of Section 33, T9N, R59W, 6th. P.M., Weld County, Colorado.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE NORTHEAST CORNER OF SECTION 15, T9N, R58W, 6th. P.M. TAKEN FROM THE RIVER BEND, QUADRANGLE, COLORADO, WELD COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4679 FEET.

BASIS OF BEARINGS

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

500°09'32"W - 5372.39' (Meas.)

N89°47'19"E - 5310.09' (Meas.)

2010 UELS Alum.
Cap, 0.4' High,
RLS#17492
Lat: 40.714122°
Long: 103.973253°

PTASNIK #33-11-9-59

Elev. Ungraded Ground = 4855'

Landing Point

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S45°14'13"E	573.06'

NOTE:
SEE ADDENDUM TO LEGAL PLAT FOR
EXISTING IMPROVEMENTS WITHIN 400'
OF THE PROPOSED WELL DISTURBANCE.

33

2010 UELS Alum.
Cap, 0.5' High, In
E-W Fence,
RLS#17492
Lat: 40.699378°
Long: 103.973278°

Bottom Hole

S89°47'33"W - 5269.38' (Meas.)

LEGEND:

— = 90° SYMBOL

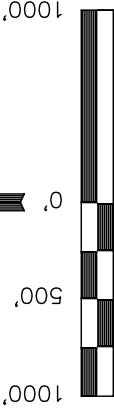
● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

PDOP = 2.1

NAD 83 (TARGET LANDING POINT)	NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°42'44.17" (40.712269)	LATITUDE = 40°42'04.02" (40.701117)	LATITUDE = 40°42'48.15" (40.713375)
LONGITUDE = 103°59'24.15" (103.990042)	LONGITUDE = 103°59'06.45" (103.985125)	LONGITUDE = 103°59'29.45" (103.991514)
NAD 27 (TARGET LANDING POINT HOLE)	NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°42'44.21" (40.712281)	LATITUDE = 40°42'04.07" (40.701131)	LATITUDE = 40°42'48.19" (40.713386)
LONGITUDE = 103°59'22.34" (103.989539)	LONGITUDE = 103°59'04.63" (103.984619)	LONGITUDE = 103°59'27.64" (103.991011)

S18°26'52"E
4287.39'



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.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 17492
STATE OF COLORADO
08-06-11

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	05-27-11	06-03-11
PARTY	REFERENCES	
L.S. C.T. J.I.	G.L.O. PLAT	
WEATHER	FILE	
WARM	CARRIZO OIL & GAS, INC.	