

T8N, R91W, 6th. P.M.

AXIA ENERGY

Q Target Bottom Hole

1910 G.L.O. Brass Cap,  
0.6' Below Ground  
Lat: 40.658942°  
Long: 107.636652°

S89°27'47"E - 2642.57' (Meas.)

1910 G.L.O. Brass Cap,  
0.8' High  
Lat: 40.658877°  
Long: 107.629131°

BULLDOG #8-34V-891  
Elev. Ungraded Ground = 6975'

2161'

N89°45'24"E

2625.59' (Meas.)

1910 G.L.O. Brass Cap,  
1.0' High  
Lat: 40.658910°  
Long: 107.619670°

S00°14'13"E - 2632.93' (Meas.)

17

1910 G.L.O. Brass Cap,  
0.9' High  
Lat: 40.651685°  
Long: 107.619629°

S00°06'37"W - 2633.76' (Meas.)

1910 G.L.O. Brass Cap  
0.3' High  
Lat: 40.644489°  
Long: 107.629114°

N89°44'19"W - 2628.45' (Meas.)

1910 G.L.O. Brass Cap  
0.7' High,  
Fence, W-S  
Lat: 40.644458°  
Long: 107.619645°

PDOP = 1.4

NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°39'30.87"	(40.658575)
LONGITUDE = 107°37'38.84"	(107.627456)
NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°39'30.98"	(40.658606)
LONGITUDE = 107°37'36.59"	(107.626831)
STATE PLANE NAD 83	
N: 1459841.81 E: 2409798.09	
STATE PLANE NAD 27	
N: 489840.40 E: 1409955.75	

LEGEND:

— = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

Well location, BULLDOG #8-34V-891 (Surface Location), located as shown in the NW 1/4 NE 1/4 of Section 17, T8N, R91W, 6th. P.M., Moffat County, Colorado.

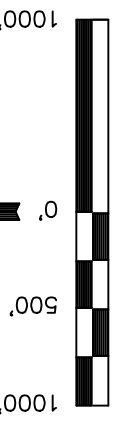
BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE SOUTHWEST CORNER OF SECTION 15, T7N, R91W, 6th P.M. TAKEN FROM THE CRAIG QUADRANGLE, COLORADO, MOFFAT COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6672 FEET.

BASIS OF BEARINGS

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

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N13°17'05"E	794.23'



S C A L E

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.

ERT L...  
REGISTERED AND SURVEYOR  
STATE OF COLORADO  
04-02-13

UNTAAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	03-28-13	03-29-13
PARTY	REFERENCES	
B.H. N.F. J.G.G.	G.L.O. PLAT	
WEATHER	FILE	
WARM	AXIA ENERGY	

T8N, R91W, 6th. P.M.

AXIA ENERGY

Well location, BULLDOG #8-34V-891 (Target Bottom Hole), located as shown in the SW 1/4 SE 1/4 of Section 8, T8N, R91W, 6th. P.M., Moffat County, Colorado.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE SOUTHWEST CORNER OF SECTION 15, T7N, R91W, 6th P.M. TAKEN FROM THE CRAIG QUADRANGLE, COLORADO, MOFFAT COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6672 FEET.

BASIS OF BEARINGS

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

N89°59'W - 5260.20' (G.L.O.)

500°27'03"E - 2633.10' (Meas.)

500°08'29"W - 2628.39' (Meas.)

1910 G.L.O. Brass Cap,  
0.8' High  
Lat: 40.666167°  
Long: 107.638731°

NOTE:  
THE PROPOSED TARGET BOTTOM HOLE BEARS N13°17'05"E 794.23' FROM THE PROPOSED WELL HEAD WHICH IS LOCATED IN THE NW 1/4 NE 1/4 OF SECTION 17, T8N, R91W, 6th. P.M. AT 112' FNL 2161' FEL.

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0.6' Below Ground  
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Long: 107.638652°

1910 G.L.O. Brass Cap,  
0.8' High  
Lat: 40.658877°  
Long: 107.629131°

Target Bottom Hole

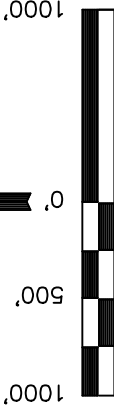
N89°27'47"W - 2642.57' (Meas.)

BULLDOG #8-34V-891  
Surface Location

S89°45'24"W  
2625.59' (Meas.)

1910 G.L.O. Brass Cap,  
1.0' High  
Lat: 40.658910°  
Long: 107.619670°

1910 G.L.O. Brass Cap,  
0.7' High  
Lat: 40.666122°  
Long: 107.619650°



SCALE

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REGISTERED LAND SURVEYOR  
STATE OF COLORADO  
EXPIRATION DATE 04-02-13

LEGEND:

└─ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

LINE TABLE

LINE	DIRECTION	LENGTH
L1	N13°17'05"E	794.23'

NAD 83 (TARGET BOTTOM HOLE)

LATITUDE = 40°39'38.51" (40.6606997)  
LONGITUDE = 107°37'36.48" (107.626800)

NAD 27 (TARGET BOTTOM HOLE)

LATITUDE = 40°39'38.62" (40.660728)  
LONGITUDE = 107°37'34.23" (107.626175)

STATE PLANE NAD 83

N: 1490609.99 E: 2409998.78  
STATE PLANE NAD 27  
N: 490608.57 E: 1410156.44

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PARTY	REFERENCES	
B.H. N.F. J.G.G.	G.L.O. PLAT	
WEATHER	FILE	
WARM	AXIA ENERGY	