

Well Planning Proposal FOR

Axia Energy
Bulldog #26-34H-894
Moffat Co., CO

Well File: Design #1 (3/14/12)

Presented By:

Pat Rasmussen
Regional Manager

Bret Wolford
Well Planner



Sharewell
Energy Services, LP

Axia Energy
Project: Moffat Co., CO
Site: Sec.26-T8N-R94W
Well: Bulldog #26-34H-894
Wellbore: Wellbore #1
Design: Design #1
Lat: 40° 36' 33.959 N
Long: 107° 54' 42.649 W
GL: 6647.00
KB: WELL @ 6667.00usft



SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10520.19	0.00	0.00	10520.19	0.00	0.00	0.00	0.00	0.00	KOP / Start Build 12.00°
11227.71	84.90	7.49	10995.77	431.34	56.67	12.00	7.49	435.05	EOC / Start 5326.67' hold at 11227.71 MD
16554.39	84.90	7.49	11469.00	5691.74	747.82	0.00	0.00	5740.65	TD at 16554.39

WELL DETAILS: Bulldog #26-34H-894

+N/-S	+E/-W	Northing	Ground Level: Easting	6647.00 Latitude	Longitude	Slot
0.00	0.00	1473964.353	2330433.400	40° 36' 33.959 N	107° 54' 42.649 W	

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
Bulldog 26-34H-894 PBHL	11469.00	5691.74	747.82	1479633.648	2331335.729	40° 37' 30.202 N	107° 54' 32.951 W	Point

CASING DETAILS

TVD	MD	Name	Size
1000.00	1000.00	13 3/8" Csg.	13-3/8
8034.00	8034.00	9 5/8" Csg.	9-5/8
10995.77	11227.71	7" Csg.	7
11469.00	16554.39	4 1/2" Csg.	4-1/2

SITE DETAILS: Sec.26-T8N-R94W

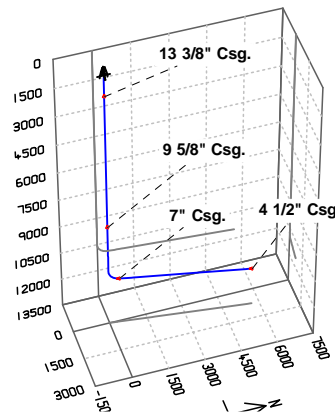
Site Centre Latitude: 40° 36' 33.959 N
Longitude: 107° 54' 42.649 W

Positional Uncertainty: 0.00
Convergence: -1.56
Local North: True

PROJECT DETAILS: Moffat Co., CO

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Colorado Northern Zone

System Datum: Mean Sea Level



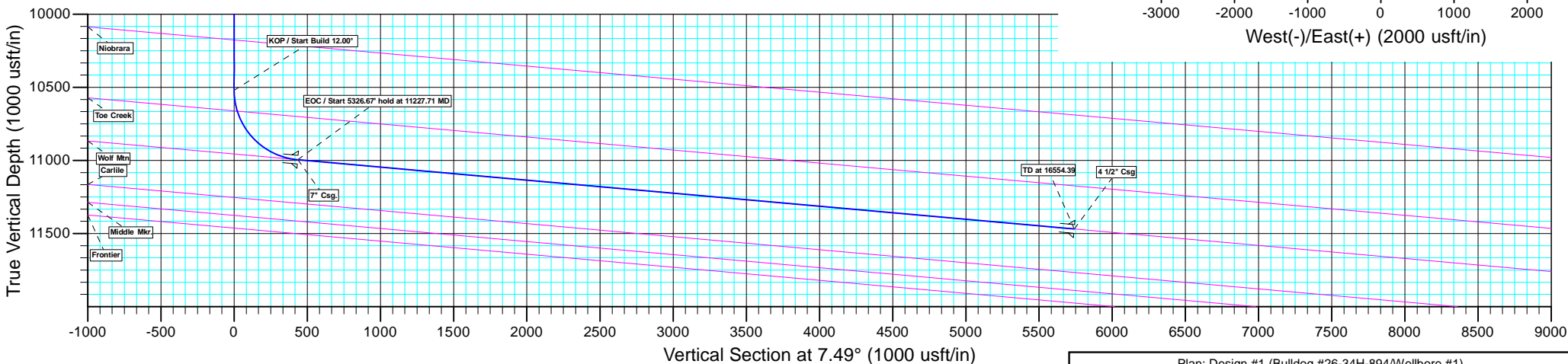
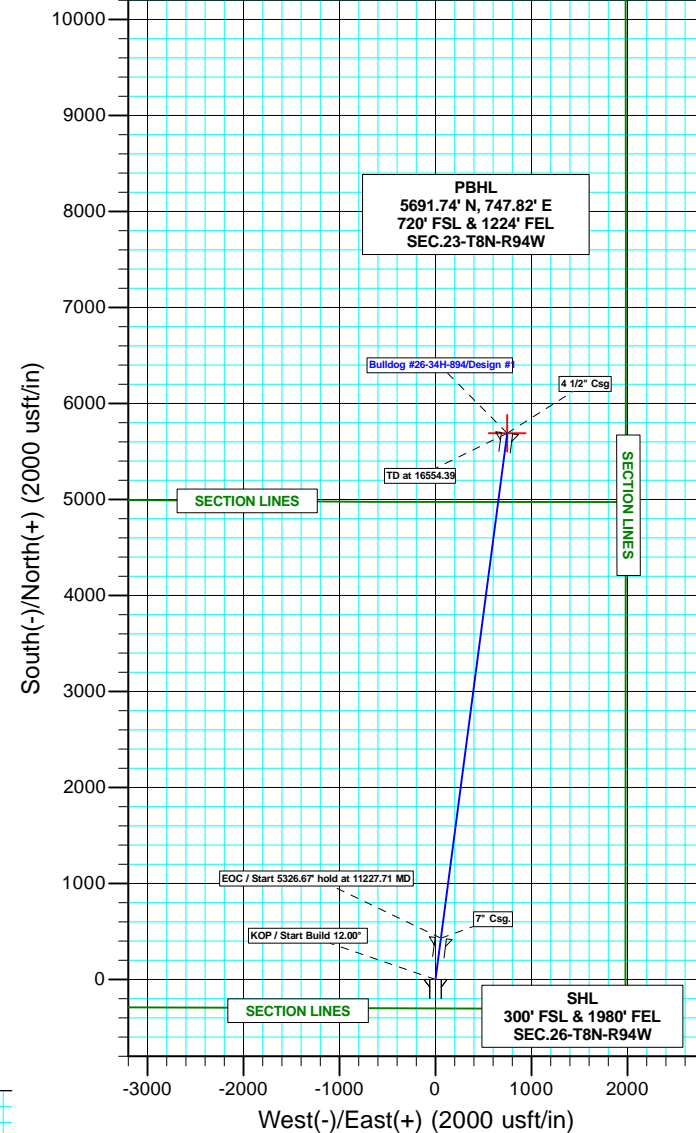
FORMATION TOP DETAILS

TVDPath	MDPath	Formation
1633.00	1633.00	Lewis
3513.00	3513.00	Mesaverde
7834.00	7834.00	Mancos Mkr
10177.00	10177.00	Niobrara
10663.98	10666.25	Toe Creek



Azimuths to True North
Magnetic North: 10.36°

Magnetic Field
Strength: 52778.6snT
Dip Angle: 66.64°
Date: 03/14/2012
Model: IGRF2010



Plan: Design #1 (Bulldog #26-34H-894/Wellbore #1)

Created By: BRET WOLFORD Date: 13:48, March 14 2012

Axia Energy

Moffat Co., CO

Sec.26-T8N-R94W

Bulldog #26-34H-894

Wellbore #1

Plan: Design #1

Standard Planning Report

14 March, 2012



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Bulldog #26-34H-894
Company:	Axia Energy	TVD Reference:	WELL @ 6667.00usft
Project:	Moffat Co., CO	MD Reference:	WELL @ 6667.00usft
Site:	Sec.26-T8N-R94W	North Reference:	True
Well:	Bulldog #26-34H-894	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project	Moffat Co., CO		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone		

Site	Sec.26-T8N-R94W				
Site Position:		Northing:	1,473,964.357 usft	Latitude:	40° 36' 33.959 N
From:	Lat/Long	Easting:	2,330,433.400 usft	Longitude:	107° 54' 42.649 W
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16"	Grid Convergence:	-1.56 °

Well	Bulldog #26-34H-894					
Well Position	+N/-S	0.00 usft	Northing:	1,473,964.353 usft	Latitude:	40° 36' 33.959 N
	+E/-W	0.00 usft	Easting:	2,330,433.400 usft	Longitude:	107° 54' 42.649 W
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	6,647.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	03/14/12	10.36	66.64	52,779

Design	Design #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	11,469.00	0.00	0.00	7.49

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10,520.19	0.00	0.00	10,520.19	0.00	0.00	0.00	0.00	0.00	0.00	
11,227.71	84.90	7.49	10,995.77	431.34	56.67	12.00	12.00	0.00	7.49	Bulldog 26-34H-894 F
16,554.39	84.90	7.49	11,469.00	5,691.74	747.82	0.00	0.00	0.00	0.00	Bulldog 26-34H-894 F

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Company:	Axia Energy	TVD Reference:	WELL @ 6667.00usft
Project:	Moffat Co., CO	MD Reference:	WELL @ 6667.00usft
Site:	Sec.26-T8N-R94W	North Reference:	True
Well:	Bulldog #26-34H-894	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
13 3/8" Csg.									
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
Lewis									
1,633.00	0.00	0.00	1,633.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00
Mesaverde									
3,513.00	0.00	0.00	3,513.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00
4,100.00	0.00	0.00	4,100.00	0.00	0.00	0.00	0.00	0.00	0.00
4,200.00	0.00	0.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00
4,300.00	0.00	0.00	4,300.00	0.00	0.00	0.00	0.00	0.00	0.00
4,400.00	0.00	0.00	4,400.00	0.00	0.00	0.00	0.00	0.00	0.00
4,500.00	0.00	0.00	4,500.00	0.00	0.00	0.00	0.00	0.00	0.00
4,600.00	0.00	0.00	4,600.00	0.00	0.00	0.00	0.00	0.00	0.00
4,700.00	0.00	0.00	4,700.00	0.00	0.00	0.00	0.00	0.00	0.00

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Project:	Moffat Co., CO	MD Reference:	WELL @ 6667.00usft
Site:	Sec.26-T8N-R94W	North Reference:	True
Well:	Bulldog #26-34H-894	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,800.00	0.00	0.00	4,800.00	0.00	0.00	0.00	0.00	0.00	0.00
4,900.00	0.00	0.00	4,900.00	0.00	0.00	0.00	0.00	0.00	0.00
5,000.00	0.00	0.00	5,000.00	0.00	0.00	0.00	0.00	0.00	0.00
5,100.00	0.00	0.00	5,100.00	0.00	0.00	0.00	0.00	0.00	0.00
5,200.00	0.00	0.00	5,200.00	0.00	0.00	0.00	0.00	0.00	0.00
5,300.00	0.00	0.00	5,300.00	0.00	0.00	0.00	0.00	0.00	0.00
5,400.00	0.00	0.00	5,400.00	0.00	0.00	0.00	0.00	0.00	0.00
5,500.00	0.00	0.00	5,500.00	0.00	0.00	0.00	0.00	0.00	0.00
5,600.00	0.00	0.00	5,600.00	0.00	0.00	0.00	0.00	0.00	0.00
5,700.00	0.00	0.00	5,700.00	0.00	0.00	0.00	0.00	0.00	0.00
5,800.00	0.00	0.00	5,800.00	0.00	0.00	0.00	0.00	0.00	0.00
5,900.00	0.00	0.00	5,900.00	0.00	0.00	0.00	0.00	0.00	0.00
6,000.00	0.00	0.00	6,000.00	0.00	0.00	0.00	0.00	0.00	0.00
6,100.00	0.00	0.00	6,100.00	0.00	0.00	0.00	0.00	0.00	0.00
6,200.00	0.00	0.00	6,200.00	0.00	0.00	0.00	0.00	0.00	0.00
6,300.00	0.00	0.00	6,300.00	0.00	0.00	0.00	0.00	0.00	0.00
6,400.00	0.00	0.00	6,400.00	0.00	0.00	0.00	0.00	0.00	0.00
6,500.00	0.00	0.00	6,500.00	0.00	0.00	0.00	0.00	0.00	0.00
6,600.00	0.00	0.00	6,600.00	0.00	0.00	0.00	0.00	0.00	0.00
6,700.00	0.00	0.00	6,700.00	0.00	0.00	0.00	0.00	0.00	0.00
6,800.00	0.00	0.00	6,800.00	0.00	0.00	0.00	0.00	0.00	0.00
6,900.00	0.00	0.00	6,900.00	0.00	0.00	0.00	0.00	0.00	0.00
7,000.00	0.00	0.00	7,000.00	0.00	0.00	0.00	0.00	0.00	0.00
7,100.00	0.00	0.00	7,100.00	0.00	0.00	0.00	0.00	0.00	0.00
7,200.00	0.00	0.00	7,200.00	0.00	0.00	0.00	0.00	0.00	0.00
7,300.00	0.00	0.00	7,300.00	0.00	0.00	0.00	0.00	0.00	0.00
7,400.00	0.00	0.00	7,400.00	0.00	0.00	0.00	0.00	0.00	0.00
7,500.00	0.00	0.00	7,500.00	0.00	0.00	0.00	0.00	0.00	0.00
7,600.00	0.00	0.00	7,600.00	0.00	0.00	0.00	0.00	0.00	0.00
7,700.00	0.00	0.00	7,700.00	0.00	0.00	0.00	0.00	0.00	0.00
7,800.00	0.00	0.00	7,800.00	0.00	0.00	0.00	0.00	0.00	0.00
Mancos Mkr									
7,834.00	0.00	0.00	7,834.00	0.00	0.00	0.00	0.00	0.00	0.00
7,900.00	0.00	0.00	7,900.00	0.00	0.00	0.00	0.00	0.00	0.00
8,000.00	0.00	0.00	8,000.00	0.00	0.00	0.00	0.00	0.00	0.00
9 5/8" Csg.									
8,034.00	0.00	0.00	8,034.00	0.00	0.00	0.00	0.00	0.00	0.00
8,100.00	0.00	0.00	8,100.00	0.00	0.00	0.00	0.00	0.00	0.00
8,200.00	0.00	0.00	8,200.00	0.00	0.00	0.00	0.00	0.00	0.00
8,300.00	0.00	0.00	8,300.00	0.00	0.00	0.00	0.00	0.00	0.00
8,400.00	0.00	0.00	8,400.00	0.00	0.00	0.00	0.00	0.00	0.00
8,500.00	0.00	0.00	8,500.00	0.00	0.00	0.00	0.00	0.00	0.00
8,600.00	0.00	0.00	8,600.00	0.00	0.00	0.00	0.00	0.00	0.00
8,700.00	0.00	0.00	8,700.00	0.00	0.00	0.00	0.00	0.00	0.00
8,800.00	0.00	0.00	8,800.00	0.00	0.00	0.00	0.00	0.00	0.00
8,900.00	0.00	0.00	8,900.00	0.00	0.00	0.00	0.00	0.00	0.00
9,000.00	0.00	0.00	9,000.00	0.00	0.00	0.00	0.00	0.00	0.00
9,100.00	0.00	0.00	9,100.00	0.00	0.00	0.00	0.00	0.00	0.00
9,200.00	0.00	0.00	9,200.00	0.00	0.00	0.00	0.00	0.00	0.00
9,300.00	0.00	0.00	9,300.00	0.00	0.00	0.00	0.00	0.00	0.00
9,400.00	0.00	0.00	9,400.00	0.00	0.00	0.00	0.00	0.00	0.00
9,500.00	0.00	0.00	9,500.00	0.00	0.00	0.00	0.00	0.00	0.00
9,600.00	0.00	0.00	9,600.00	0.00	0.00	0.00	0.00	0.00	0.00
9,700.00	0.00	0.00	9,700.00	0.00	0.00	0.00	0.00	0.00	0.00

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Site:	Sec.26-T8N-R94W	North Reference:	True
Well:	Bulldog #26-34H-894	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,800.00	0.00	0.00	9,800.00	0.00	0.00	0.00	0.00	0.00	0.00
9,900.00	0.00	0.00	9,900.00	0.00	0.00	0.00	0.00	0.00	0.00
10,000.00	0.00	0.00	10,000.00	0.00	0.00	0.00	0.00	0.00	0.00
10,100.00	0.00	0.00	10,100.00	0.00	0.00	0.00	0.00	0.00	0.00
Niobrara									
10,177.00	0.00	0.00	10,177.00	0.00	0.00	0.00	0.00	0.00	0.00
10,200.00	0.00	0.00	10,200.00	0.00	0.00	0.00	0.00	0.00	0.00
10,300.00	0.00	0.00	10,300.00	0.00	0.00	0.00	0.00	0.00	0.00
10,400.00	0.00	0.00	10,400.00	0.00	0.00	0.00	0.00	0.00	0.00
10,500.00	0.00	0.00	10,500.00	0.00	0.00	0.00	0.00	0.00	0.00
KOP / Start Build 12.00°									
10,520.19	0.00	0.00	10,520.19	0.00	0.00	0.00	0.00	0.00	0.00
10,525.00	0.58	7.49	10,525.00	0.02	0.00	0.02	12.00	12.00	0.00
10,550.00	3.58	7.49	10,549.98	0.92	0.12	0.93	12.00	12.00	0.00
10,575.00	6.58	7.49	10,574.88	3.12	0.41	3.14	12.00	12.00	0.00
10,600.00	9.58	7.49	10,599.63	6.60	0.87	6.65	12.00	12.00	0.00
10,625.00	12.58	7.49	10,624.16	11.36	1.49	11.46	12.00	12.00	0.00
10,650.00	15.58	7.49	10,648.41	17.39	2.28	17.54	12.00	12.00	0.00
Toe Creek									
10,666.25	17.53	7.49	10,663.98	21.98	2.89	22.17	12.00	12.00	0.00
10,675.00	18.58	7.49	10,672.30	24.67	3.24	24.88	12.00	12.00	0.00
10,700.00	21.58	7.49	10,695.78	33.17	4.36	33.46	12.00	12.00	0.00
10,725.00	24.58	7.49	10,718.78	42.89	5.64	43.26	12.00	12.00	0.00
10,750.00	27.58	7.49	10,741.23	53.78	7.07	54.25	12.00	12.00	0.00
10,775.00	30.58	7.49	10,763.08	65.83	8.65	66.39	12.00	12.00	0.00
10,800.00	33.58	7.49	10,784.26	78.99	10.38	79.67	12.00	12.00	0.00
10,825.00	36.58	7.49	10,804.71	93.23	12.25	94.03	12.00	12.00	0.00
10,850.00	39.58	7.49	10,824.39	108.52	14.26	109.45	12.00	12.00	0.00
10,875.00	42.58	7.49	10,843.23	124.80	16.40	125.88	12.00	12.00	0.00
10,900.00	45.58	7.49	10,861.19	142.04	18.66	143.26	12.00	12.00	0.00
10,925.00	48.58	7.49	10,878.22	160.19	21.05	161.57	12.00	12.00	0.00
10,950.00	51.58	7.49	10,894.26	179.20	23.54	180.74	12.00	12.00	0.00
10,975.00	54.58	7.49	10,909.27	199.01	26.15	200.72	12.00	12.00	0.00
11,000.00	57.58	7.49	10,923.23	219.58	28.85	221.47	12.00	12.00	0.00
11,025.00	60.58	7.49	10,936.07	240.84	31.64	242.91	12.00	12.00	0.00
11,050.00	63.58	7.49	10,947.78	262.74	34.52	265.00	12.00	12.00	0.00
11,075.00	66.58	7.49	10,958.31	285.22	37.47	287.67	12.00	12.00	0.00
11,100.00	69.58	7.49	10,967.64	308.21	40.49	310.86	12.00	12.00	0.00
11,125.00	72.58	7.49	10,975.75	331.65	43.57	334.50	12.00	12.00	0.00
11,150.00	75.58	7.49	10,982.61	355.49	46.71	358.54	12.00	12.00	0.00
11,175.00	78.58	7.49	10,988.20	379.64	49.88	382.90	12.00	12.00	0.00
11,200.00	81.58	7.49	10,992.50	404.05	53.09	407.53	12.00	12.00	0.00
11,225.00	84.58	7.49	10,995.52	428.66	56.32	432.34	12.00	12.00	0.00
EOC / Start 5326.67' hold at 11227.71 MD - 7" Csg.									
11,227.71	84.90	7.49	10,995.77	431.33	56.67	435.04	12.00	12.00	0.00
11,300.00	84.90	7.49	11,002.19	502.72	66.05	507.04	0.00	0.00	0.00
11,400.00	84.90	7.49	11,011.07	601.48	79.03	606.65	0.00	0.00	0.00
11,500.00	84.90	7.49	11,019.96	700.24	92.00	706.25	0.00	0.00	0.00
11,600.00	84.90	7.49	11,028.84	798.99	104.98	805.86	0.00	0.00	0.00
11,700.00	84.90	7.49	11,037.73	897.75	117.95	905.46	0.00	0.00	0.00
11,800.00	84.90	7.49	11,046.61	996.50	130.93	1,005.07	0.00	0.00	0.00
11,900.00	84.90	7.49	11,055.49	1,095.26	143.90	1,104.67	0.00	0.00	0.00
12,000.00	84.90	7.49	11,064.38	1,194.02	156.88	1,204.28	0.00	0.00	0.00

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Bulldog #26-34H-894
Company:	Axia Energy	TVD Reference:	WELL @ 6667.00usft
Project:	Moffat Co., CO	MD Reference:	WELL @ 6667.00usft
Site:	Sec.26-T8N-R94W	North Reference:	True
Well:	Bulldog #26-34H-894	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
12,100.00	84.90	7.49	11,073.26	1,292.77	169.85	1,303.88	0.00	0.00	0.00	
12,200.00	84.90	7.49	11,082.15	1,391.53	182.83	1,403.49	0.00	0.00	0.00	
12,300.00	84.90	7.49	11,091.03	1,490.28	195.80	1,503.09	0.00	0.00	0.00	
12,400.00	84.90	7.49	11,099.92	1,589.04	208.78	1,602.70	0.00	0.00	0.00	
12,500.00	84.90	7.49	11,108.80	1,687.79	221.75	1,702.30	0.00	0.00	0.00	
12,600.00	84.90	7.49	11,117.68	1,786.55	234.73	1,801.90	0.00	0.00	0.00	
12,700.00	84.90	7.49	11,126.57	1,885.31	247.70	1,901.51	0.00	0.00	0.00	
12,800.00	84.90	7.49	11,135.45	1,984.06	260.68	2,001.11	0.00	0.00	0.00	
12,900.00	84.90	7.49	11,144.34	2,082.82	273.65	2,100.72	0.00	0.00	0.00	
13,000.00	84.90	7.49	11,153.22	2,181.57	286.63	2,200.32	0.00	0.00	0.00	
13,100.00	84.90	7.49	11,162.10	2,280.33	299.60	2,299.93	0.00	0.00	0.00	
13,200.00	84.90	7.49	11,170.99	2,379.09	312.58	2,399.53	0.00	0.00	0.00	
13,300.00	84.90	7.49	11,179.87	2,477.84	325.55	2,499.14	0.00	0.00	0.00	
13,400.00	84.90	7.49	11,188.76	2,576.60	338.53	2,598.74	0.00	0.00	0.00	
13,500.00	84.90	7.49	11,197.64	2,675.35	351.50	2,698.35	0.00	0.00	0.00	
13,600.00	84.90	7.49	11,206.53	2,774.11	364.48	2,797.95	0.00	0.00	0.00	
13,700.00	84.90	7.49	11,215.41	2,872.86	377.45	2,897.55	0.00	0.00	0.00	
13,800.00	84.90	7.49	11,224.29	2,971.62	390.43	2,997.16	0.00	0.00	0.00	
13,900.00	84.90	7.49	11,233.18	3,070.38	403.41	3,096.76	0.00	0.00	0.00	
14,000.00	84.90	7.49	11,242.06	3,169.13	416.38	3,196.37	0.00	0.00	0.00	
14,100.00	84.90	7.49	11,250.95	3,267.89	429.36	3,295.97	0.00	0.00	0.00	
14,200.00	84.90	7.49	11,259.83	3,366.64	442.33	3,395.58	0.00	0.00	0.00	
14,300.00	84.90	7.49	11,268.72	3,465.40	455.31	3,495.18	0.00	0.00	0.00	
14,400.00	84.90	7.49	11,277.60	3,564.16	468.28	3,594.79	0.00	0.00	0.00	
14,500.00	84.90	7.49	11,286.48	3,662.91	481.26	3,694.39	0.00	0.00	0.00	
14,600.00	84.90	7.49	11,295.37	3,761.67	494.23	3,794.00	0.00	0.00	0.00	
14,700.00	84.90	7.49	11,304.25	3,860.42	507.21	3,893.60	0.00	0.00	0.00	
14,800.00	84.90	7.49	11,313.14	3,959.18	520.18	3,993.21	0.00	0.00	0.00	
14,900.00	84.90	7.49	11,322.02	4,057.93	533.16	4,092.81	0.00	0.00	0.00	
15,000.00	84.90	7.49	11,330.90	4,156.69	546.13	4,192.41	0.00	0.00	0.00	
15,100.00	84.90	7.49	11,339.79	4,255.45	559.11	4,292.02	0.00	0.00	0.00	
15,200.00	84.90	7.49	11,348.67	4,354.20	572.08	4,391.62	0.00	0.00	0.00	
15,300.00	84.90	7.49	11,357.56	4,452.96	585.06	4,491.23	0.00	0.00	0.00	
15,400.00	84.90	7.49	11,366.44	4,551.71	598.03	4,590.83	0.00	0.00	0.00	
15,500.00	84.90	7.49	11,375.33	4,650.47	611.01	4,690.44	0.00	0.00	0.00	
15,600.00	84.90	7.49	11,384.21	4,749.23	623.98	4,790.04	0.00	0.00	0.00	
15,700.00	84.90	7.49	11,393.09	4,847.98	636.96	4,889.65	0.00	0.00	0.00	
15,800.00	84.90	7.49	11,401.98	4,946.74	649.93	4,989.25	0.00	0.00	0.00	
15,900.00	84.90	7.49	11,410.86	5,045.49	662.91	5,088.86	0.00	0.00	0.00	
16,000.00	84.90	7.49	11,419.75	5,144.25	675.88	5,188.46	0.00	0.00	0.00	
16,100.00	84.90	7.49	11,428.63	5,243.00	688.86	5,288.06	0.00	0.00	0.00	
16,200.00	84.90	7.49	11,437.52	5,341.76	701.83	5,387.67	0.00	0.00	0.00	
16,300.00	84.90	7.49	11,446.40	5,440.52	714.81	5,487.27	0.00	0.00	0.00	
16,400.00	84.90	7.49	11,455.28	5,539.27	727.78	5,586.88	0.00	0.00	0.00	
16,500.00	84.90	7.49	11,464.17	5,638.03	740.76	5,686.48	0.00	0.00	0.00	
TD at 16554.39 - Bulldog 26-34H-894 PBHL										
16,554.39	84.90	7.49	11,469.00	5,691.74	747.82	5,740.65	0.00	0.00	0.00	

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Bulldog #26-34H-894
Company:	Axia Energy	TVD Reference:	WELL @ 6667.00usft
Project:	Moffat Co., CO	MD Reference:	WELL @ 6667.00usft
Site:	Sec.26-T8N-R94W	North Reference:	True
Well:	Bulldog #26-34H-894	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Design Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
- Shape									
Bulldog 26-34H-894 PBH	0.00	0.00	11,469.00	5,691.74	747.82	1,479,633.648	2,331,335.729	40° 37' 30.202 N	107° 54' 32.951 W
- plan hits target center									
- Point									

Casing Points					
Measured Depth	Vertical Depth	Name		Casing Diameter	Hole Diameter
(usft)	(usft)			(")	(")
11,227.71	10,995.77	7" Csg.		7	8-3/4
8,034.00	8,034.00	9 5/8" Csg.		9-5/8	12-1/4
1,000.00	1,000.00	13 3/8" Csg.		13-3/8	17-1/2
16,554.39	11,469.00	4 1/2" Csg		4-1/2	6

Formations					
Measured Depth	Vertical Depth	Name		Dip	Dip Direction
(usft)	(usft)			(°)	(°)
1,633.00	1,633.00	Lewis		5.10	7.49
3,513.00	3,513.00	Mesaverde		5.10	7.49
7,834.00	7,834.00	Mancos Mkr		5.10	7.49
10,177.00	10,177.00	Niobrara		5.10	7.49
10,666.25	10,662.00	Toe Creek		5.10	7.49

Plan Annotations				
Measured Depth	Vertical Depth	Local Coordinates		Comment
(usft)	(usft)	+N/-S (usft)	+E/-W (usft)	
10,520.19	10,520.19	0.00	0.00	KOP / Start Build 12.00°
11,227.71	10,995.77	431.34	56.67	EOC / Start 5326.67' hold at 11227.71 MD
16,554.39	11,469.00	5,691.74	747.82	TD at 16554.39