

Critter Creek 21-26H

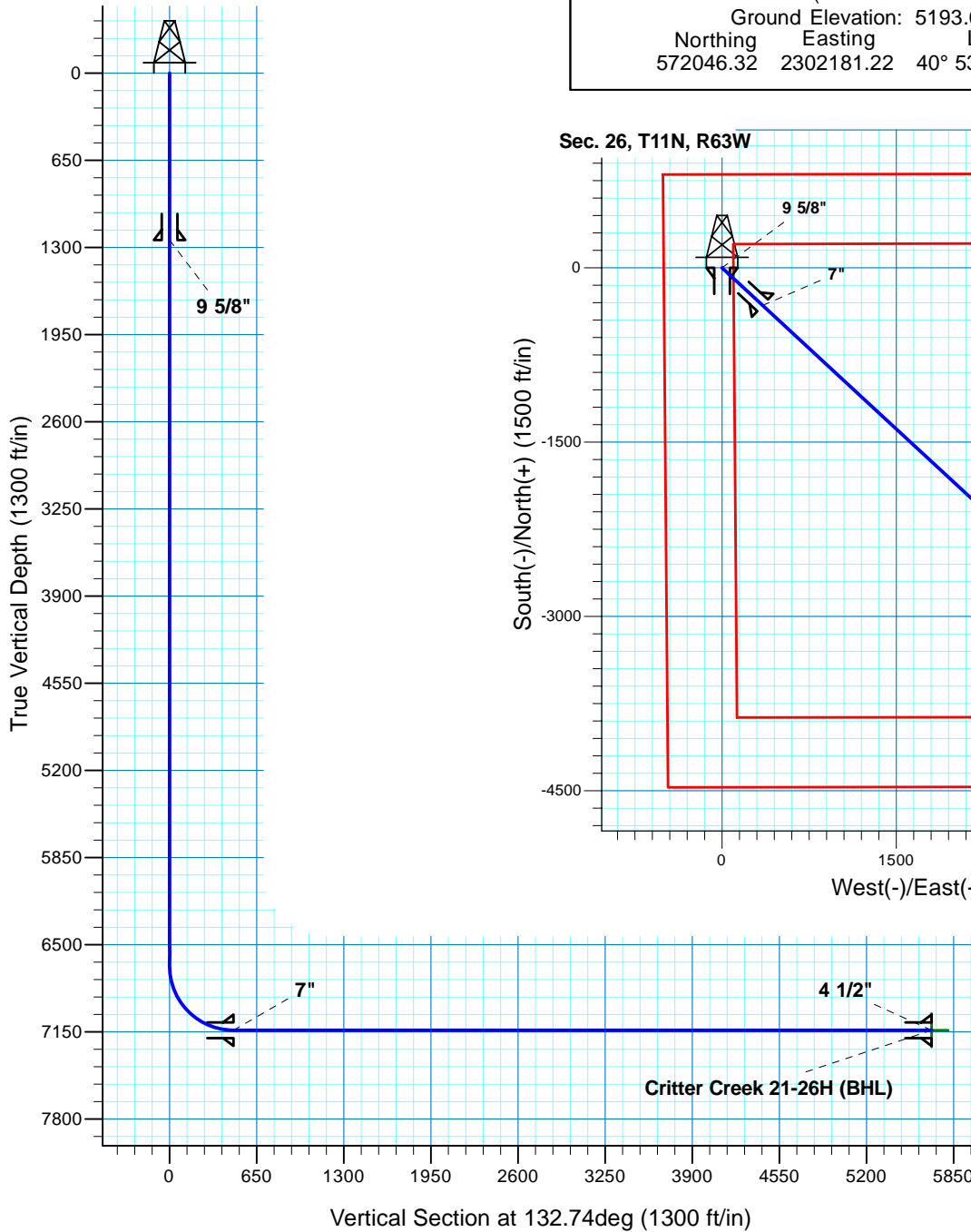
Section 26 T11N R63W

Weld County, CO

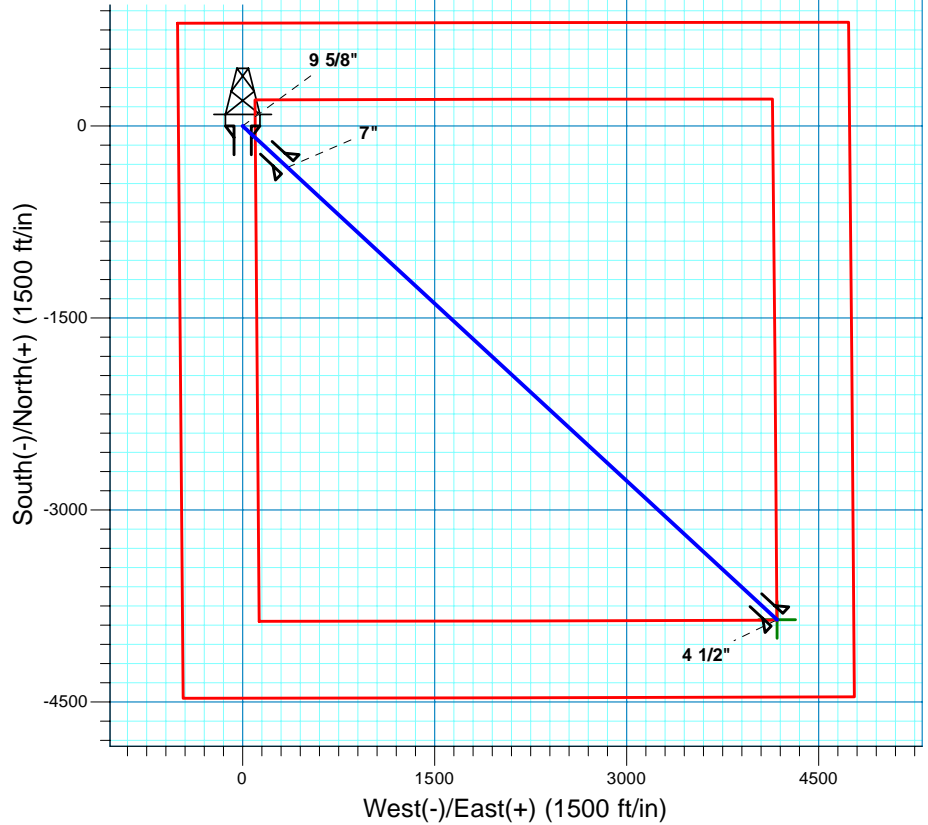


Surface Location

NAD 1927 (NADCON CONUS) Colorado North 501
Ground Elevation: 5193.00 Rig @ 5218.00ft
Northing Easting Latitude Longitude
572046.32 2302181.22 40° 53' 54.791 N 104° 24' 25.099 W



Sec. 26, T11N, R63W



Azimuths to True North
Magnetic North: 8.87°

Magnetic Field
Strength: 53596.8nT
Dip Angle: 67.57°
Date: 12/31/2009
Model: IGRF200510

Project: DJ - Hereford Ranch
Site: Critter Creek 21-26H
Well: Critter Creek 21-26H
Plan: APD Directional Plan

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	6660.53	0.00	0.00	6660.53	0.00	0.00	0.00	0.00	0.00	
3	7410.54	90.00	132.74	7138.00	-324.02	350.70	12.00	132.74	477.47	
4	12617.73	90.00	132.74	7138.00	-3857.69	4175.35	0.00	0.00	5684.66	Critter Creek 21-26H (BHL)

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
Critter Creek 21-26H (BHL)	7138.00	-3857.69	4175.35	568240.40	2306403.80	40° 53' 16.670 N	104° 23' 30.739 W	Point

Denver Division- Colorado

DJ - Hereford Ranch

Critter Creek 21-26H

Critter Creek 21-26H

Original Wellbore

Plan: APD Directional Plan

Standard Planning Report

26 April, 2010

EOG Resources Inc

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Critter Creek 21-26H
Company:	Denver Division- Colorado	TVD Reference:	Rig @ 5218.00ft
Project:	DJ - Hereford Ranch	MD Reference:	Rig @ 5218.00ft
Site:	Critter Creek 21-26H	North Reference:	True
Well:	Critter Creek 21-26H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Wellbore		
Design:	APD Directional Plan		

Project	DJ - Hereford Ranch, Weld County		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Colorado North 501		

Site	Critter Creek 21-26H		
Site Position:		Northing:	572,046.32 ft
From:	Lat/Long	Easting:	2,302,181.22 ft
Position Uncertainty:	0.00 ft	Slot Radius:	"
		Latitude:	40° 53' 54.791 N
		Longitude:	104° 24' 25.099 W
		Grid Convergence:	0.71 deg

Well	Critter Creek 21-26H		
Well Position	+N/-S	0.00 ft	Northing: 572,046.32 ft
	+E/-W	0.00 ft	Easting: 2,302,181.22 ft
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft
		Latitude:	40° 53' 54.791 N
		Longitude:	104° 24' 25.099 W
		Ground Level:	5,193.00 ft

Wellbore	Original Wellbore				
Magnetics	Model Name	Sample Date	Declination (deg)	Dip Angle (deg)	Field Strength (nT)
	IGRF200510	12/31/2009	8.87	67.57	53,597

Design	APD Directional Plan			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (deg)
	0.00	0.00	0.00	132.74

Plan Sections										
Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (?/100ft)	Build Rate (?/100ft)	Turn Rate (?/100ft)	TFO (deg)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,660.53	0.00	0.00	6,660.53	0.00	0.00	0.00	0.00	0.00	0.00	
7,410.54	90.00	132.74	7,138.00	-324.02	350.70	12.00	12.00	0.00	132.74	
12,617.73	90.00	132.74	7,138.00	-3,857.69	4,175.35	0.00	0.00	0.00	0.00	Critter Creek 21-26H

EOG Resources Inc

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Critter Creek 21-26H
Company:	Denver Division- Colorado	TVD Reference:	Rig @ 5218.00ft
Project:	DJ - Hereford Ranch	MD Reference:	Rig @ 5218.00ft
Site:	Critter Creek 21-26H	North Reference:	True
Well:	Critter Creek 21-26H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Wellbore		
Design:	APD Directional Plan		

Planned Survey

Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (?/100ft)	Build Rate (?/100ft)	Turn Rate (?/100ft)
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
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
1,245.00	0.00	0.00	1,245.00	0.00	0.00	0.00	0.00	0.00	0.00
9 5/8"									
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
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
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
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

EOG Resources Inc

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Critter Creek 21-26H
Company:	Denver Division- Colorado	TVD Reference:	Rig @ 5218.00ft
Project:	DJ - Hereford Ranch	MD Reference:	Rig @ 5218.00ft
Site:	Critter Creek 21-26H	North Reference:	True
Well:	Critter Creek 21-26H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Wellbore		
Design:	APD Directional Plan		

Planned Survey

Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (?/100ft)	Build Rate (?/100ft)	Turn Rate (?/100ft)
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
6,660.53	0.00	0.00	6,660.53	0.00	0.00	0.00	0.00	0.00	0.00
6,700.00	4.74	132.74	6,699.96	-1.11	1.20	1.63	12.00	12.00	0.00
6,800.00	16.74	132.74	6,798.03	-13.72	14.85	20.22	12.00	12.00	0.00
6,900.00	28.74	132.74	6,890.09	-39.90	43.19	58.80	12.00	12.00	0.00
7,000.00	40.74	132.74	6,972.12	-78.50	84.96	115.68	12.00	12.00	0.00
7,100.00	52.74	132.74	7,040.53	-127.83	138.35	188.36	12.00	12.00	0.00
7,200.00	64.74	132.74	7,092.33	-185.73	201.02	273.69	12.00	12.00	0.00
7,300.00	76.74	132.74	7,125.26	-249.67	270.23	367.91	12.00	12.00	0.00
7,400.00	88.74	132.74	7,137.88	-316.87	342.96	466.93	12.00	12.00	0.00
7,410.54	90.00	132.74	7,138.00	-324.02	350.70	477.47	12.00	12.00	0.00
7"									
7,500.00	90.00	132.74	7,138.00	-384.73	416.41	566.93	0.00	0.00	0.00
7,600.00	90.00	132.74	7,138.00	-452.59	489.86	666.93	0.00	0.00	0.00
7,700.00	90.00	132.74	7,138.00	-520.45	563.31	766.93	0.00	0.00	0.00
7,800.00	90.00	132.74	7,138.00	-588.31	636.76	866.93	0.00	0.00	0.00
7,900.00	90.00	132.74	7,138.00	-656.17	710.21	966.93	0.00	0.00	0.00
8,000.00	90.00	132.74	7,138.00	-724.03	783.65	1,066.93	0.00	0.00	0.00
8,100.00	90.00	132.74	7,138.00	-791.90	857.10	1,166.93	0.00	0.00	0.00
8,200.00	90.00	132.74	7,138.00	-859.76	930.55	1,266.93	0.00	0.00	0.00
8,300.00	90.00	132.74	7,138.00	-927.62	1,004.00	1,366.93	0.00	0.00	0.00
8,400.00	90.00	132.74	7,138.00	-995.48	1,077.45	1,466.93	0.00	0.00	0.00
8,500.00	90.00	132.74	7,138.00	-1,063.34	1,150.90	1,566.93	0.00	0.00	0.00
8,600.00	90.00	132.74	7,138.00	-1,131.20	1,224.35	1,666.93	0.00	0.00	0.00
8,700.00	90.00	132.74	7,138.00	-1,199.06	1,297.80	1,766.93	0.00	0.00	0.00
8,800.00	90.00	132.74	7,138.00	-1,266.93	1,371.25	1,866.93	0.00	0.00	0.00
8,900.00	90.00	132.74	7,138.00	-1,334.79	1,444.70	1,966.93	0.00	0.00	0.00
9,000.00	90.00	132.74	7,138.00	-1,402.65	1,518.15	2,066.93	0.00	0.00	0.00
9,100.00	90.00	132.74	7,138.00	-1,470.51	1,591.60	2,166.93	0.00	0.00	0.00
9,200.00	90.00	132.74	7,138.00	-1,538.37	1,665.05	2,266.93	0.00	0.00	0.00
9,300.00	90.00	132.74	7,138.00	-1,606.23	1,738.50	2,366.93	0.00	0.00	0.00
9,400.00	90.00	132.74	7,138.00	-1,674.09	1,811.95	2,466.93	0.00	0.00	0.00
9,500.00	90.00	132.74	7,138.00	-1,741.95	1,885.40	2,566.93	0.00	0.00	0.00
9,600.00	90.00	132.74	7,138.00	-1,809.82	1,958.85	2,666.93	0.00	0.00	0.00
9,700.00	90.00	132.74	7,138.00	-1,877.68	2,032.30	2,766.93	0.00	0.00	0.00
9,800.00	90.00	132.74	7,138.00	-1,945.54	2,105.75	2,866.93	0.00	0.00	0.00
9,900.00	90.00	132.74	7,138.00	-2,013.40	2,179.20	2,966.93	0.00	0.00	0.00
10,000.00	90.00	132.74	7,138.00	-2,081.26	2,252.64	3,066.93	0.00	0.00	0.00

EOG Resources Inc

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Critter Creek 21-26H
Company:	Denver Division- Colorado	TVD Reference:	Rig @ 5218.00ft
Project:	DJ - Hereford Ranch	MD Reference:	Rig @ 5218.00ft
Site:	Critter Creek 21-26H	North Reference:	True
Well:	Critter Creek 21-26H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Wellbore		
Design:	APD Directional Plan		

Planned Survey									
Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (?/100ft)	Build Rate (?/100ft)	Turn Rate (?/100ft)
10,100.00	90.00	132.74	7,138.00	-2,149.12	2,326.09	3,166.93	0.00	0.00	0.00
10,200.00	90.00	132.74	7,138.00	-2,216.98	2,399.54	3,266.93	0.00	0.00	0.00
10,300.00	90.00	132.74	7,138.00	-2,284.85	2,472.99	3,366.93	0.00	0.00	0.00
10,400.00	90.00	132.74	7,138.00	-2,352.71	2,546.44	3,466.93	0.00	0.00	0.00
10,500.00	90.00	132.74	7,138.00	-2,420.57	2,619.89	3,566.93	0.00	0.00	0.00
10,600.00	90.00	132.74	7,138.00	-2,488.43	2,693.34	3,666.93	0.00	0.00	0.00
10,700.00	90.00	132.74	7,138.00	-2,556.29	2,766.79	3,766.93	0.00	0.00	0.00
10,800.00	90.00	132.74	7,138.00	-2,624.15	2,840.24	3,866.93	0.00	0.00	0.00
10,900.00	90.00	132.74	7,138.00	-2,692.01	2,913.69	3,966.93	0.00	0.00	0.00
11,000.00	90.00	132.74	7,138.00	-2,759.88	2,987.14	4,066.93	0.00	0.00	0.00
11,100.00	90.00	132.74	7,138.00	-2,827.74	3,060.59	4,166.93	0.00	0.00	0.00
11,200.00	90.00	132.74	7,138.00	-2,895.60	3,134.04	4,266.93	0.00	0.00	0.00
11,300.00	90.00	132.74	7,138.00	-2,963.46	3,207.49	4,366.93	0.00	0.00	0.00
11,400.00	90.00	132.74	7,138.00	-3,031.32	3,280.94	4,466.93	0.00	0.00	0.00
11,500.00	90.00	132.74	7,138.00	-3,099.18	3,354.39	4,566.93	0.00	0.00	0.00
11,600.00	90.00	132.74	7,138.00	-3,167.04	3,427.84	4,666.93	0.00	0.00	0.00
11,700.00	90.00	132.74	7,138.00	-3,234.91	3,501.29	4,766.93	0.00	0.00	0.00
11,800.00	90.00	132.74	7,138.00	-3,302.77	3,574.74	4,866.93	0.00	0.00	0.00
11,900.00	90.00	132.74	7,138.00	-3,370.63	3,648.19	4,966.93	0.00	0.00	0.00
12,000.00	90.00	132.74	7,138.00	-3,438.49	3,721.63	5,066.93	0.00	0.00	0.00
12,100.00	90.00	132.74	7,138.00	-3,506.35	3,795.08	5,166.93	0.00	0.00	0.00
12,200.00	90.00	132.74	7,138.00	-3,574.21	3,868.53	5,266.93	0.00	0.00	0.00
12,300.00	90.00	132.74	7,138.00	-3,642.07	3,941.98	5,366.93	0.00	0.00	0.00
12,400.00	90.00	132.74	7,138.00	-3,709.94	4,015.43	5,466.93	0.00	0.00	0.00
12,500.00	90.00	132.74	7,138.00	-3,777.80	4,088.88	5,566.93	0.00	0.00	0.00
12,600.00	90.00	132.74	7,138.00	-3,845.66	4,162.33	5,666.93	0.00	0.00	0.00
12,617.73	90.00	132.74	7,138.00	-3,857.69	4,175.35	5,684.66	0.00	0.00	0.00

Targets									
Target Name	Dip Angle (deg)	Dip Dir. (deg)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- hit/miss target - Shape Critter Creek 21-26H () - plan hits target center - Point	0.00	0.00	7,138.00	-3,857.69	4,175.35	568,240.40	2,306,403.80	40° 53' 16.670 N	104° 23' 30.739 W

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")	
1,245.00	1,245.00	9 5/8"	9-5/8	12-1/4	
7,410.54	7,138.00	7"	7	8-3/4	
12,617.73	7,138.00	4 1/2"	4-1/2	6-1/4	