



Project: DJ - Hereford Ranch
Site: Fox Creek F26 SWSE Pad
Well: Fox Creek 527-2602H
Plan: APD Directional Plan
Plat Certified: 04-30-15

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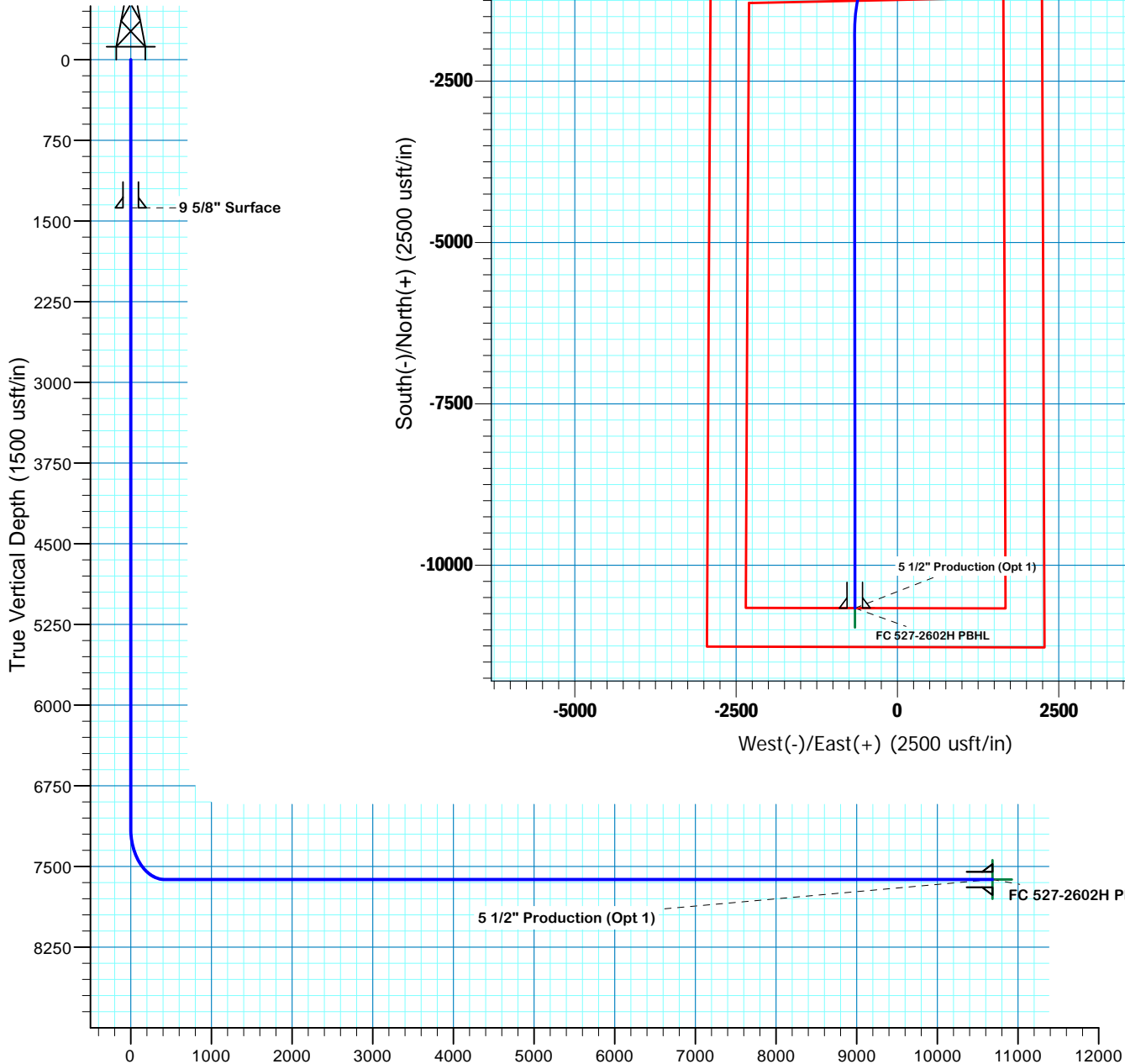
Surface Location



NAD 1927 (NADCON CONUS) Colorado North 501
Ground Elevation: 5426.0 WELL @ 5451.0usft (TBD Rig KB 25usft)

Northing 599955.56 Easting 2304192.20 Latitude 40° 58' 30.284 N Longitude 104° 23' 54.401 W

Fox Creek 527-2602H
Section 26-T12N-R63W
Weld County, Colorado



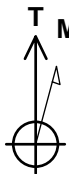
Vertical Section at 183.55° (2000 usft/in)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	7145.0	0.00	0.00	7145.0	0.0	0.0	0.00	0.00	0.0	
3	7894.3	90.00	210.00	7622.0	-413.1	-238.5	12.01	210.00	427.1	
4	8228.3	90.00	210.00	7622.0	-702.3	-405.5	0.00	0.00	726.1	
5	9228.4	90.00	180.00	7622.0	-1657.4	-661.4	3.00	-90.00	1695.1	FC 527-2602H PBHL
6	18235.6	90.00	180.00	7622.0	-10664.6	-660.7	0.00	0.00	10685.0	FC 527-2602H PBHL

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
FC 527-2602H PBHL	7622.0	-10664.6	-660.7	589283.60	2303664.03	40° 56' 44.912 N	104° 24' 3.010 W	Point



AZIMUTHS TO TRUE NORTH
MAGNETIC NORTH: 8.17°

MAGNETIC FIELD
DIP ANGLE: 67.43°
STRENGTH: 53037.2sNT
DATE: 6/24/2015
MODEL: IGRF2010

Project: DJ - Hereford Ranch
Site: Fox Creek F26 SWSE Pad
Well: Fox Creek 527-2602H
Plan: APD Directional Plan
APD Certified: 04-30-15

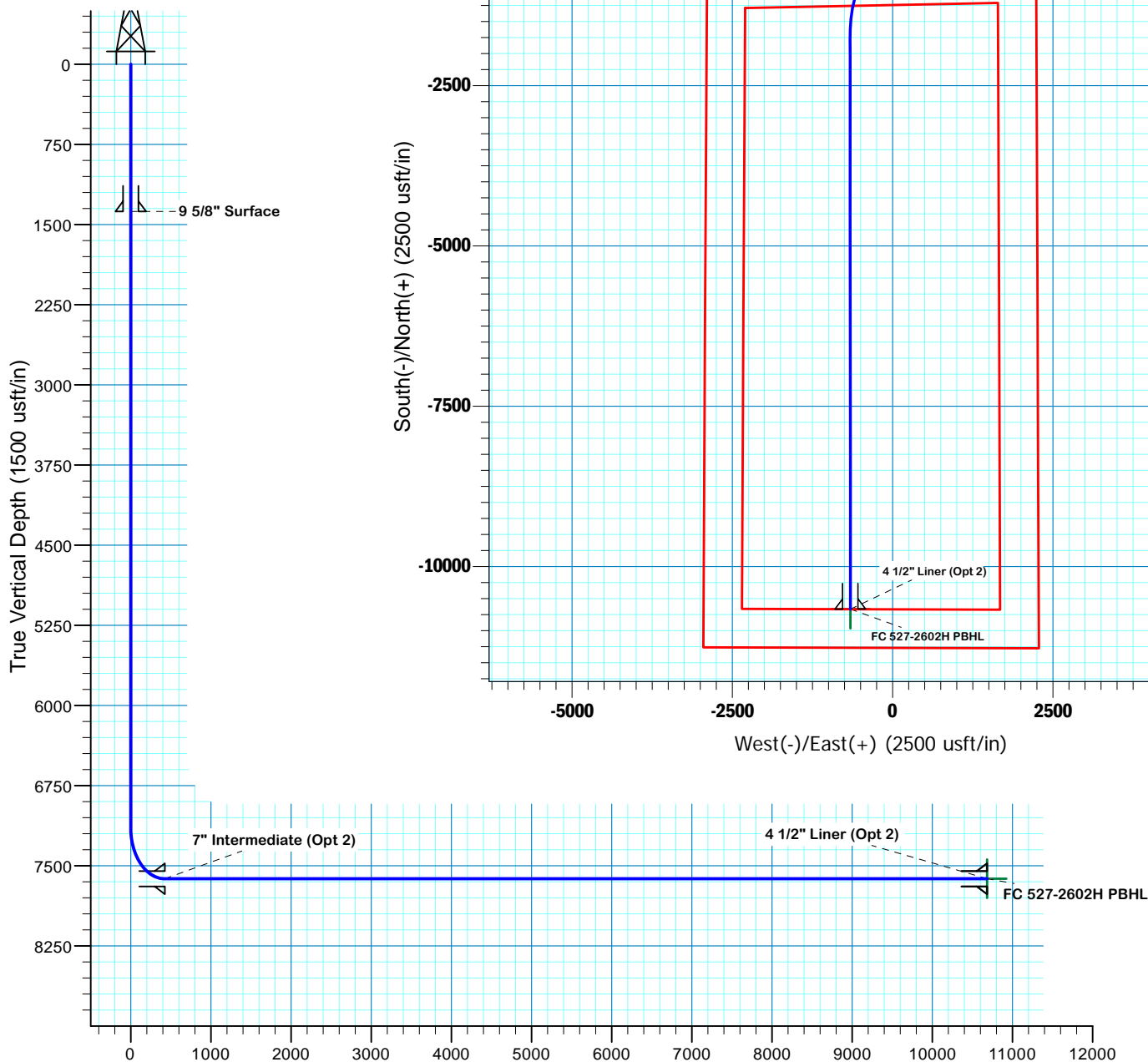
Surface Location



NAD 1927 (NADCON CONUS) Colorado North 501
Ground Elevation: 5426.0 WELL @ 5451.0usft (TBD Rig KB 25usft)

Northing	Easting	Latitude	Longitude
599955.56	2304192.20	40° 58' 30.284 N	104° 23' 54.401 W

Fox Creek 527-2602H
Section 26-T12N-R63W
Weld County, Colorado



Vertical Section at 183.55° (2000 usft/in)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	7145.0	0.00	0.00	7145.0	0.0	0.0	0.00	0.00	0.0	
3	7894.3	90.00	210.00	7622.0	-413.1	-238.5	12.01	210.00	427.1	
4	8228.3	90.00	210.00	7622.0	-702.3	-405.5	0.00	0.00	726.1	
5	9228.4	90.00	180.00	7622.0	-1657.4	-661.4	3.00	-90.00	1695.1	FC 527-2602H PBHL
6	18235.6	90.00	180.00	7622.0	-10664.6	-660.7	0.00	0.00	10685.0	FC 527-2602H PBHL

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
FC 527-2602H PBHL	7622.0	-10664.6	-660.7	589283.60	2303664.03	40° 56' 44.912 N	104° 24' 3.010 W	Point

Denver Division- Colorado

**DJ - Hereford Ranch
Fox Creek F26 SWSE Pad
Fox Creek 527-2602H**

OH

Plan: APD Directional Plan (Plat Cert 04-30-15)

Standard Planning Report

24 June, 2015

EOG Resources, Inc.

Planning Report

Database:	EDM_DENVER	Local Co-ordinate Reference:	Well Fox Creek 527-2602H
Company:	Denver Division- Colorado	TVD Reference:	WELL @ 5451.0usft (TBD Rig KB 25usft)
Project:	DJ - Hereford Ranch	MD Reference:	WELL @ 5451.0usft (TBD Rig KB 25usft)
Site:	Fox Creek F26 SWSE Pad	North Reference:	True
Well:	Fox Creek 527-2602H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	APD Directional Plan (Plat Cert 04-30-15)		

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	Fox Creek F26 SWSE Pad		
Site Position:		Northing:	599,900.00 usft
From:	Map	Easting:	2,304,100.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	40° 58' 29.746 N
		Longitude:	104° 23' 55.612 W
		Grid Convergence:	0.71 °

Well	Fox Creek 527-2602H, Codell		
Well Position	+N/-S	54.4 usft	Northing:
	+E/-W	92.9 usft	Easting:
Position Uncertainty	0.0 usft	Wellhead Elevation:	0.0 usft
		Latitude:	40° 58' 30.284 N
		Longitude:	104° 23' 54.401 W
		Ground Level:	5,426.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	6/24/2015	8.17	67.43	53,037

Design	APD Directional Plan (Plat Cert 04-30-15)			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	183.55

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
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
7,145.0	0.00	0.00	7,145.0	0.0	0.0	0.00	0.00	0.00	0.00	
7,894.3	90.00	210.00	7,622.0	-413.1	-238.5	12.01	12.01	0.00	210.00	
8,228.3	90.00	210.00	7,622.0	-702.3	-405.5	0.00	0.00	0.00	0.00	
9,228.4	90.00	180.00	7,622.0	-1,657.4	-661.4	3.00	0.00	-3.00	-90.00	FC 527-2602H PBHL
18,235.6	90.00	180.00	7,622.0	-10,664.6	-660.7	0.00	0.00	0.00	0.00	FC 527-2602H PBHL

EOG Resources, Inc.

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Site:	Fox Creek F26 SWSE Pad	North Reference:	True
Well:	Fox Creek 527-2602H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	APD Directional Plan (Plat Cert 04-30-15)		

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)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,377.0	0.00	0.00	1,377.0	0.0	0.0	0.0	0.00	0.00	0.00
9 5/8" Surface									
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	0.00
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	0.00
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	0.00
4,600.0	0.00	0.00	4,600.0	0.0	0.0	0.0	0.00	0.00	0.00
4,700.0	0.00	0.00	4,700.0	0.0	0.0	0.0	0.00	0.00	0.00
4,800.0	0.00	0.00	4,800.0	0.0	0.0	0.0	0.00	0.00	0.00
4,900.0	0.00	0.00	4,900.0	0.0	0.0	0.0	0.00	0.00	0.00
5,000.0	0.00	0.00	5,000.0	0.0	0.0	0.0	0.00	0.00	0.00
5,100.0	0.00	0.00	5,100.0	0.0	0.0	0.0	0.00	0.00	0.00

EOG Resources, Inc.

Planning Report

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Project:	DJ - Hereford Ranch	MD Reference:	WELL @ 5451.0usft (TBD Rig KB 25usft)
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Well:	Fox Creek 527-2602H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	APD Directional Plan (Plat Cert 04-30-15)		

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)
5,200.0	0.00	0.00	5,200.0	0.0	0.0	0.0	0.00	0.00	0.00
5,300.0	0.00	0.00	5,300.0	0.0	0.0	0.0	0.00	0.00	0.00
5,400.0	0.00	0.00	5,400.0	0.0	0.0	0.0	0.00	0.00	0.00
5,500.0	0.00	0.00	5,500.0	0.0	0.0	0.0	0.00	0.00	0.00
5,600.0	0.00	0.00	5,600.0	0.0	0.0	0.0	0.00	0.00	0.00
5,700.0	0.00	0.00	5,700.0	0.0	0.0	0.0	0.00	0.00	0.00
5,800.0	0.00	0.00	5,800.0	0.0	0.0	0.0	0.00	0.00	0.00
5,900.0	0.00	0.00	5,900.0	0.0	0.0	0.0	0.00	0.00	0.00
6,000.0	0.00	0.00	6,000.0	0.0	0.0	0.0	0.00	0.00	0.00
6,100.0	0.00	0.00	6,100.0	0.0	0.0	0.0	0.00	0.00	0.00
6,200.0	0.00	0.00	6,200.0	0.0	0.0	0.0	0.00	0.00	0.00
6,300.0	0.00	0.00	6,300.0	0.0	0.0	0.0	0.00	0.00	0.00
6,400.0	0.00	0.00	6,400.0	0.0	0.0	0.0	0.00	0.00	0.00
6,500.0	0.00	0.00	6,500.0	0.0	0.0	0.0	0.00	0.00	0.00
6,600.0	0.00	0.00	6,600.0	0.0	0.0	0.0	0.00	0.00	0.00
6,700.0	0.00	0.00	6,700.0	0.0	0.0	0.0	0.00	0.00	0.00
6,800.0	0.00	0.00	6,800.0	0.0	0.0	0.0	0.00	0.00	0.00
6,900.0	0.00	0.00	6,900.0	0.0	0.0	0.0	0.00	0.00	0.00
7,000.0	0.00	0.00	7,000.0	0.0	0.0	0.0	0.00	0.00	0.00
7,100.0	0.00	0.00	7,100.0	0.0	0.0	0.0	0.00	0.00	0.00
7,145.0	0.00	0.00	7,145.0	0.0	0.0	0.0	0.00	0.00	0.00
7,150.0	0.60	210.00	7,150.0	0.0	0.0	0.0	12.01	12.01	0.00
7,175.0	3.60	210.00	7,175.0	-0.8	-0.5	0.8	12.01	12.01	0.00
7,200.0	6.61	210.00	7,199.9	-2.7	-1.6	2.8	12.01	12.01	0.00
7,225.0	9.61	210.00	7,224.6	-5.8	-3.3	6.0	12.01	12.01	0.00
7,250.0	12.61	210.00	7,249.2	-10.0	-5.8	10.3	12.01	12.01	0.00
7,275.0	15.62	210.00	7,273.4	-15.2	-8.8	15.8	12.01	12.01	0.00
7,300.0	18.62	210.00	7,297.3	-21.6	-12.5	22.3	12.01	12.01	0.00
7,325.0	21.62	210.00	7,320.8	-29.1	-16.8	30.0	12.01	12.01	0.00
7,350.0	24.62	210.00	7,343.7	-37.6	-21.7	38.8	12.01	12.01	0.00
7,354.7	25.19	210.00	7,348.0	-39.3	-22.7	40.6	12.01	12.01	0.00
Niobrara									
7,375.0	27.63	210.00	7,366.2	-47.1	-27.2	48.7	12.01	12.01	0.00
7,400.0	30.63	210.00	7,388.0	-57.6	-33.3	59.6	12.01	12.01	0.00
7,425.0	33.63	210.00	7,409.2	-69.1	-39.9	71.5	12.01	12.01	0.00
7,450.0	36.64	210.00	7,429.6	-81.6	-47.1	84.4	12.01	12.01	0.00
7,475.0	39.64	210.00	7,449.3	-95.0	-54.8	98.2	12.01	12.01	0.00
7,500.0	42.64	210.00	7,468.1	-109.2	-63.1	112.9	12.01	12.01	0.00
7,525.0	45.64	210.00	7,486.1	-124.3	-71.8	128.5	12.01	12.01	0.00
7,550.0	48.65	210.00	7,503.1	-140.2	-80.9	144.9	12.01	12.01	0.00
7,575.0	51.65	210.00	7,519.1	-156.8	-90.5	162.1	12.01	12.01	0.00
7,600.0	54.65	210.00	7,534.1	-174.1	-100.5	180.0	12.01	12.01	0.00
7,625.0	57.66	210.00	7,548.0	-192.1	-110.9	198.6	12.01	12.01	0.00
7,650.0	60.66	210.00	7,560.8	-210.7	-121.6	217.8	12.01	12.01	0.00
7,675.0	63.66	210.00	7,572.5	-229.8	-132.7	237.6	12.01	12.01	0.00
7,700.0	66.66	210.00	7,583.0	-249.5	-144.0	257.9	12.01	12.01	0.00
7,725.0	69.67	210.00	7,592.3	-269.6	-155.6	278.7	12.01	12.01	0.00
7,750.0	72.67	210.00	7,600.3	-290.0	-167.5	299.8	12.01	12.01	0.00
7,775.0	75.67	210.00	7,607.2	-310.9	-179.5	321.4	12.01	12.01	0.00
7,800.0	78.68	210.00	7,612.7	-332.0	-191.7	343.2	12.01	12.01	0.00
7,818.5	80.90	210.00	7,616.0	-347.8	-200.8	359.5	12.01	12.01	0.00
Codell									
7,825.0	81.68	210.00	7,617.0	-353.3	-204.0	365.3	12.01	12.01	0.00
7,850.0	84.68	210.00	7,619.9	-374.8	-216.4	387.5	12.01	12.01	0.00

EOG Resources, Inc.

Planning Report

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Wellbore:	OH		
Design:	APD Directional Plan (Plat Cert 04-30-15)		

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)
7,875.0	87.69	210.00	7,621.6	-396.4	-228.9	409.8	12.01	12.01	0.00
7,894.3	90.00	210.00	7,622.0	-413.1	-238.5	427.1	12.01	12.01	0.00
Codell Target - 7" Intermediate (Opt 2)									
7,900.0	90.00	210.00	7,622.0	-418.1	-241.4	432.2	0.00	0.00	0.00
8,000.0	90.00	210.00	7,622.0	-504.7	-291.4	521.7	0.00	0.00	0.00
8,100.0	90.00	210.00	7,622.0	-591.3	-341.4	611.2	0.00	0.00	0.00
8,200.0	90.00	210.00	7,622.0	-677.9	-391.4	700.8	0.00	0.00	0.00
8,228.3	90.00	210.00	7,622.0	-702.3	-405.5	726.1	0.00	0.00	0.00
8,300.0	90.00	207.85	7,622.0	-765.1	-440.2	790.9	3.00	0.00	-3.00
8,400.0	90.00	204.85	7,622.0	-854.7	-484.6	883.1	3.00	0.00	-3.00
8,500.0	90.00	201.85	7,622.0	-946.5	-524.2	977.1	3.00	0.00	-3.00
8,600.0	90.00	198.85	7,622.0	-1,040.3	-559.0	1,072.8	3.00	0.00	-3.00
8,700.0	90.00	195.85	7,622.0	-1,135.7	-588.8	1,170.0	3.00	0.00	-3.00
8,800.0	90.00	192.85	7,622.0	-1,232.6	-613.6	1,268.2	3.00	0.00	-3.00
8,900.0	90.00	189.85	7,622.0	-1,330.6	-633.2	1,367.2	3.00	0.00	-3.00
9,000.0	90.00	186.85	7,622.0	-1,429.5	-647.7	1,466.9	3.00	0.00	-3.00
9,100.0	90.00	183.85	7,622.0	-1,529.1	-657.1	1,566.8	3.00	0.00	-3.00
9,200.0	90.00	180.85	7,622.0	-1,629.0	-661.2	1,666.8	3.00	0.00	-3.00
9,228.4	90.00	180.00	7,622.0	-1,657.4	-661.4	1,695.1	3.00	0.00	-3.00
9,300.0	90.00	180.00	7,622.0	-1,729.0	-661.4	1,766.6	0.00	0.00	0.00
9,400.0	90.00	180.00	7,622.0	-1,829.0	-661.4	1,866.4	0.00	0.00	0.00
9,500.0	90.00	180.00	7,622.0	-1,929.0	-661.4	1,966.2	0.00	0.00	0.00
9,600.0	90.00	180.00	7,622.0	-2,029.0	-661.3	2,066.0	0.00	0.00	0.00
9,700.0	90.00	180.00	7,622.0	-2,129.0	-661.3	2,165.8	0.00	0.00	0.00
9,800.0	90.00	180.00	7,622.0	-2,229.0	-661.3	2,265.6	0.00	0.00	0.00
9,900.0	90.00	180.00	7,622.0	-2,329.0	-661.3	2,365.4	0.00	0.00	0.00
10,000.0	90.00	180.00	7,622.0	-2,429.0	-661.3	2,465.3	0.00	0.00	0.00
10,100.0	90.00	180.00	7,622.0	-2,529.0	-661.3	2,565.1	0.00	0.00	0.00
10,200.0	90.00	180.00	7,622.0	-2,629.0	-661.3	2,664.9	0.00	0.00	0.00
10,300.0	90.00	180.00	7,622.0	-2,729.0	-661.3	2,764.7	0.00	0.00	0.00
10,400.0	90.00	180.00	7,622.0	-2,829.0	-661.3	2,864.5	0.00	0.00	0.00
10,500.0	90.00	180.00	7,622.0	-2,929.0	-661.3	2,964.3	0.00	0.00	0.00
10,600.0	90.00	180.00	7,622.0	-3,029.0	-661.3	3,064.1	0.00	0.00	0.00
10,700.0	90.00	180.00	7,622.0	-3,129.0	-661.3	3,163.9	0.00	0.00	0.00
10,800.0	90.00	180.00	7,622.0	-3,229.0	-661.3	3,263.7	0.00	0.00	0.00
10,900.0	90.00	180.00	7,622.0	-3,329.0	-661.2	3,363.5	0.00	0.00	0.00
11,000.0	90.00	180.00	7,622.0	-3,429.0	-661.2	3,463.3	0.00	0.00	0.00
11,100.0	90.00	180.00	7,622.0	-3,529.0	-661.2	3,563.1	0.00	0.00	0.00
11,200.0	90.00	180.00	7,622.0	-3,629.0	-661.2	3,662.9	0.00	0.00	0.00
11,300.0	90.00	180.00	7,622.0	-3,729.0	-661.2	3,762.8	0.00	0.00	0.00
11,400.0	90.00	180.00	7,622.0	-3,829.0	-661.2	3,862.6	0.00	0.00	0.00
11,500.0	90.00	180.00	7,622.0	-3,929.0	-661.2	3,962.4	0.00	0.00	0.00
11,600.0	90.00	180.00	7,622.0	-4,029.0	-661.2	4,062.2	0.00	0.00	0.00
11,700.0	90.00	180.00	7,622.0	-4,129.0	-661.2	4,162.0	0.00	0.00	0.00
11,800.0	90.00	180.00	7,622.0	-4,229.0	-661.2	4,261.8	0.00	0.00	0.00
11,900.0	90.00	180.00	7,622.0	-4,329.0	-661.2	4,361.6	0.00	0.00	0.00
12,000.0	90.00	180.00	7,622.0	-4,429.0	-661.2	4,461.4	0.00	0.00	0.00
12,100.0	90.00	180.00	7,622.0	-4,529.0	-661.2	4,561.2	0.00	0.00	0.00
12,200.0	90.00	180.00	7,622.0	-4,629.0	-661.1	4,661.0	0.00	0.00	0.00
12,300.0	90.00	180.00	7,622.0	-4,729.0	-661.1	4,760.8	0.00	0.00	0.00
12,400.0	90.00	180.00	7,622.0	-4,829.0	-661.1	4,860.6	0.00	0.00	0.00
12,500.0	90.00	180.00	7,622.0	-4,929.0	-661.1	4,960.5	0.00	0.00	0.00
12,600.0	90.00	180.00	7,622.0	-5,029.0	-661.1	5,060.3	0.00	0.00	0.00

EOG Resources, Inc.

Planning Report

Database:	EDM_DENVER	Local Co-ordinate Reference:	Well Fox Creek 527-2602H
Company:	Denver Division- Colorado	TVD Reference:	WELL @ 5451.0usft (TBD Rig KB 25usft)
Project:	DJ - Hereford Ranch	MD Reference:	WELL @ 5451.0usft (TBD Rig KB 25usft)
Site:	Fox Creek F26 SWSE Pad	North Reference:	True
Well:	Fox Creek 527-2602H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	APD Directional Plan (Plat Cert 04-30-15)		

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)
12,700.0	90.00	180.00	7,622.0	-5,129.0	-661.1	5,160.1	0.00	0.00	0.00
12,800.0	90.00	180.00	7,622.0	-5,229.0	-661.1	5,259.9	0.00	0.00	0.00
12,900.0	90.00	180.00	7,622.0	-5,329.0	-661.1	5,359.7	0.00	0.00	0.00
13,000.0	90.00	180.00	7,622.0	-5,429.0	-661.1	5,459.5	0.00	0.00	0.00
13,100.0	90.00	180.00	7,622.0	-5,529.0	-661.1	5,559.3	0.00	0.00	0.00
13,200.0	90.00	180.00	7,622.0	-5,629.0	-661.1	5,659.1	0.00	0.00	0.00
13,300.0	90.00	180.00	7,622.0	-5,729.0	-661.1	5,758.9	0.00	0.00	0.00
13,400.0	90.00	180.00	7,622.0	-5,829.0	-661.1	5,858.7	0.00	0.00	0.00
13,500.0	90.00	180.00	7,622.0	-5,929.0	-661.1	5,958.5	0.00	0.00	0.00
13,600.0	90.00	180.00	7,622.0	-6,029.0	-661.0	6,058.3	0.00	0.00	0.00
13,700.0	90.00	180.00	7,622.0	-6,129.0	-661.0	6,158.2	0.00	0.00	0.00
13,800.0	90.00	180.00	7,622.0	-6,229.0	-661.0	6,258.0	0.00	0.00	0.00
13,900.0	90.00	180.00	7,622.0	-6,329.0	-661.0	6,357.8	0.00	0.00	0.00
14,000.0	90.00	180.00	7,622.0	-6,429.0	-661.0	6,457.6	0.00	0.00	0.00
14,100.0	90.00	180.00	7,622.0	-6,529.0	-661.0	6,557.4	0.00	0.00	0.00
14,200.0	90.00	180.00	7,622.0	-6,629.0	-661.0	6,657.2	0.00	0.00	0.00
14,300.0	90.00	180.00	7,622.0	-6,729.0	-661.0	6,757.0	0.00	0.00	0.00
14,400.0	90.00	180.00	7,622.0	-6,829.0	-661.0	6,856.8	0.00	0.00	0.00
14,500.0	90.00	180.00	7,622.0	-6,929.0	-661.0	6,956.6	0.00	0.00	0.00
14,600.0	90.00	180.00	7,622.0	-7,029.0	-661.0	7,056.4	0.00	0.00	0.00
14,700.0	90.00	180.00	7,622.0	-7,129.0	-661.0	7,156.2	0.00	0.00	0.00
14,800.0	90.00	180.00	7,622.0	-7,229.0	-661.0	7,256.0	0.00	0.00	0.00
14,900.0	90.00	180.00	7,622.0	-7,329.0	-660.9	7,355.9	0.00	0.00	0.00
15,000.0	90.00	180.00	7,622.0	-7,429.0	-660.9	7,455.7	0.00	0.00	0.00
15,100.0	90.00	180.00	7,622.0	-7,529.0	-660.9	7,555.5	0.00	0.00	0.00
15,200.0	90.00	180.00	7,622.0	-7,629.0	-660.9	7,655.3	0.00	0.00	0.00
15,300.0	90.00	180.00	7,622.0	-7,729.0	-660.9	7,755.1	0.00	0.00	0.00
15,400.0	90.00	180.00	7,622.0	-7,829.0	-660.9	7,854.9	0.00	0.00	0.00
15,500.0	90.00	180.00	7,622.0	-7,929.0	-660.9	7,954.7	0.00	0.00	0.00
15,600.0	90.00	180.00	7,622.0	-8,029.0	-660.9	8,054.5	0.00	0.00	0.00
15,700.0	90.00	180.00	7,622.0	-8,129.0	-660.9	8,154.3	0.00	0.00	0.00
15,800.0	90.00	180.00	7,622.0	-8,229.0	-660.9	8,254.1	0.00	0.00	0.00
15,900.0	90.00	180.00	7,622.0	-8,329.0	-660.9	8,353.9	0.00	0.00	0.00
16,000.0	90.00	180.00	7,622.0	-8,429.0	-660.9	8,453.7	0.00	0.00	0.00
16,100.0	90.00	180.00	7,622.0	-8,529.0	-660.9	8,553.5	0.00	0.00	0.00
16,200.0	90.00	180.00	7,622.0	-8,629.0	-660.8	8,653.4	0.00	0.00	0.00
16,300.0	90.00	180.00	7,622.0	-8,729.0	-660.8	8,753.2	0.00	0.00	0.00
16,400.0	90.00	180.00	7,622.0	-8,829.0	-660.8	8,853.0	0.00	0.00	0.00
16,500.0	90.00	180.00	7,622.0	-8,929.0	-660.8	8,952.8	0.00	0.00	0.00
16,600.0	90.00	180.00	7,622.0	-9,029.0	-660.8	9,052.6	0.00	0.00	0.00
16,700.0	90.00	180.00	7,622.0	-9,129.0	-660.8	9,152.4	0.00	0.00	0.00
16,800.0	90.00	180.00	7,622.0	-9,229.0	-660.8	9,252.2	0.00	0.00	0.00
16,900.0	90.00	180.00	7,622.0	-9,329.0	-660.8	9,352.0	0.00	0.00	0.00
17,000.0	90.00	180.00	7,622.0	-9,429.0	-660.8	9,451.8	0.00	0.00	0.00
17,100.0	90.00	180.00	7,622.0	-9,529.0	-660.8	9,551.6	0.00	0.00	0.00
17,200.0	90.00	180.00	7,622.0	-9,629.0	-660.8	9,651.4	0.00	0.00	0.00
17,300.0	90.00	180.00	7,622.0	-9,729.0	-660.8	9,751.2	0.00	0.00	0.00
17,400.0	90.00	180.00	7,622.0	-9,829.0	-660.8	9,851.1	0.00	0.00	0.00
17,500.0	90.00	180.00	7,622.0	-9,929.0	-660.8	9,950.9	0.00	0.00	0.00
17,600.0	90.00	180.00	7,622.0	-10,029.0	-660.7	10,050.7	0.00	0.00	0.00
17,700.0	90.00	180.00	7,622.0	-10,129.0	-660.7	10,150.5	0.00	0.00	0.00
17,800.0	90.00	180.00	7,622.0	-10,229.0	-660.7	10,250.3	0.00	0.00	0.00
17,900.0	90.00	180.00	7,622.0	-10,329.0	-660.7	10,350.1	0.00	0.00	0.00
18,000.0	90.00	180.00	7,622.0	-10,429.0	-660.7	10,449.9	0.00	0.00	0.00

EOG Resources, Inc.

Planning Report

Database:	EDM_DENVER	Local Co-ordinate Reference:	Well Fox Creek 527-2602H
Company:	Denver Division- Colorado	TVD Reference:	WELL @ 5451.0usft (TBD Rig KB 25usft)
Project:	DJ - Hereford Ranch	MD Reference:	WELL @ 5451.0usft (TBD Rig KB 25usft)
Site:	Fox Creek F26 SWSE Pad	North Reference:	True
Well:	Fox Creek 527-2602H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	APD Directional Plan (Plat Cert 04-30-15)		

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)
18,100.0	90.00	180.00	7,622.0	-10,529.0	-660.7	10,549.7	0.00	0.00	0.00
18,200.0	90.00	180.00	7,622.0	-10,629.0	-660.7	10,649.5	0.00	0.00	0.00
18,235.6	90.00	180.00	7,622.0	-10,664.6	-660.7	10,685.0	0.00	0.00	0.00
FC 527-2602H PBHL									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
FC 527-2602H PBHL	0.00	0.00	7,622.0	-10,664.6	-660.7	589,283.60	2,303,664.03	40° 56' 44.912 N	104° 24' 3.010 W
- plan hits target center									
- Point									

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")	
1,377.0	1,377.0	9 5/8" Surface	9-5/8	13-1/2	
7,894.3	7,622.0	7" Intermediate (Opt 2)	7	8-3/4	
18,235.6	7,622.0	5 1/2" Production (Opt 1)	5-1/2	7-7/8	
18,235.6	7,622.0	4 1/2" Liner (Opt 2)	4-1/2	6-1/8	

Formations					
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
7,354.7	7,348.0	Niobrara		0.00	
7,818.5	7,616.0	Codell		0.00	
7,894.3	7,622.0	Codell Target		0.00	