



Centennial Resource Development, Inc.

**Lea Co., NM (NAD83)
Juliet Federal Com
707H**

OH

Plan: Plan #1

Standard Planning Report

30 April, 2018



WELL DETAILS: 707H

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	440926.46	810349.12	32.209192	-103.463554

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
JFC 707H FTP	12346.00	49.25	772.77	440981.96	811121.47	Point
JFC 707H PBHL	12346.00	-7415.84	779.98	433517.17	811189.09	Point

SECTION DETAILS

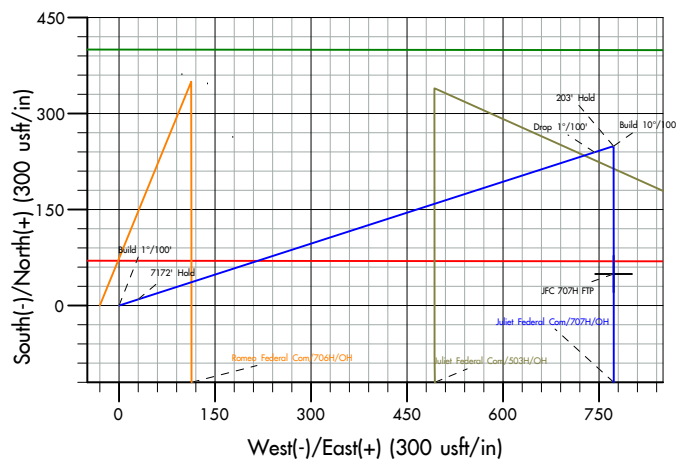
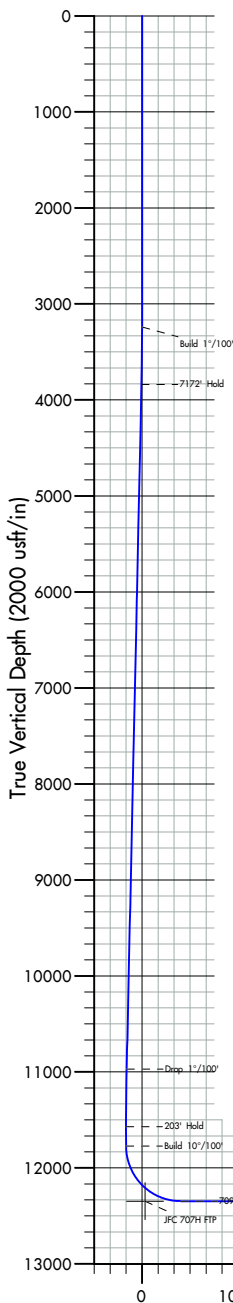
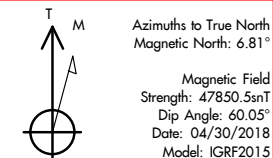
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3240.00	0.00	0.00	3240.00	0.00	0.00	0.00	0.00	0.00	Build 1"/100'
3839.66	6.00	72.12	3838.57	9.62	29.84	1.00	72.12	-6.45	7172' Hold
11011.77	6.00	72.12	10971.43	239.63	742.94	0.00	0.00	-160.60	Drop 1"/100'
11611.43	0.00	0.00	11570.00	249.25	772.77	1.00	180.00	-167.05	203' Hold
11814.48	0.00	0.00	11773.04	249.25	772.77	0.00	0.00	-167.05	Build 10"/100'
12714.48	90.00	179.95	12346.00	-323.71	773.31	10.00	179.95	402.82	7092' Hold
19806.62	90.00	179.95	12346.00	-7415.84	779.98	0.00	0.00	7456.75	TD at 19806.62

Formation Tops

No formation data is available

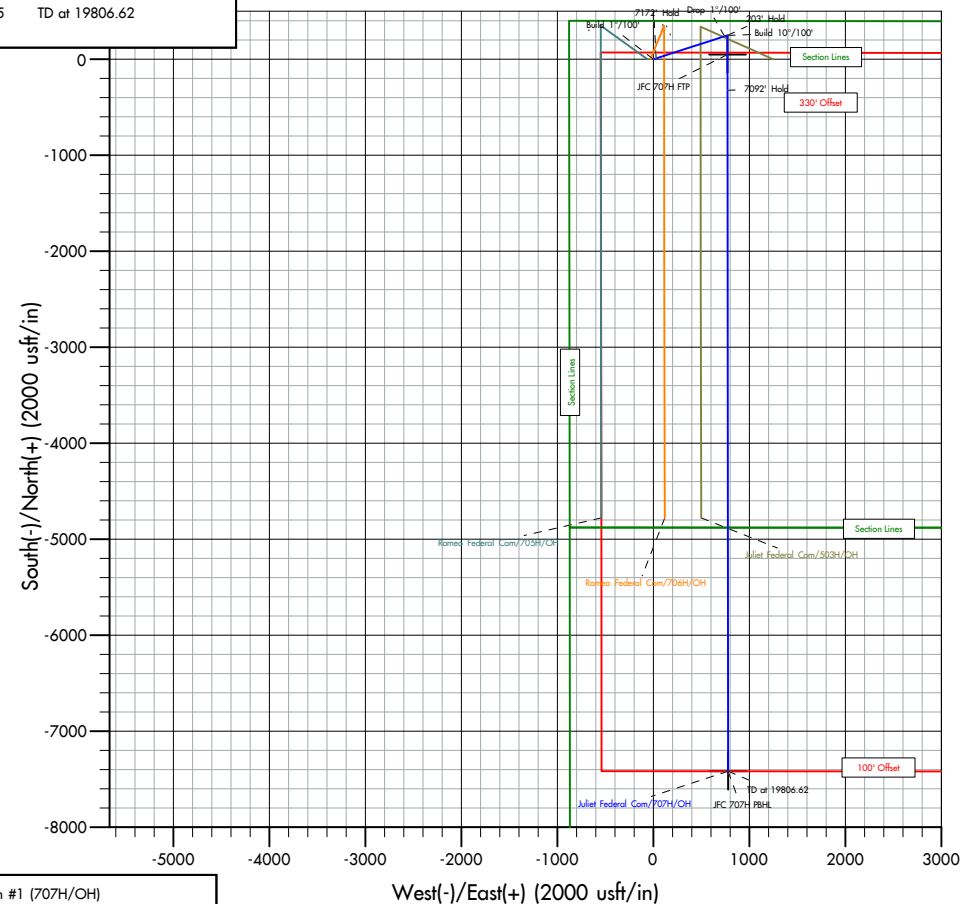
CASING DETAILS

No casing data is available



TARGET LINE: 12346' KBTVD @ 0' VS, INC = 90°

Vertical Section at 174.00° (2000 usft/in)



Plan: Plan #1 (707H/OH)

Created By: Dusty Mayer Date: 16:50, April 30 2018

Database:	EDM 5000.14 Single User Db	Local Co-ordinate Reference:	Well 707H
Company:	Centennial Resource Development, Inc.	TVD Reference:	KB=25' @ 3560.00usft (H&P 650)
Project:	Lea Co., NM (NAD83)	MD Reference:	KB=25' @ 3560.00usft (H&P 650)
Site:	Juliet Federal Com	North Reference:	True
Well:	707H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Project	Lea Co., NM (NAD83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site		Juliet Federal Com			
Site Position:		Northing:	440,935.00 usft	Latitude:	32.209191
From:	Map	Easting:	811,459.20 usft	Longitude:	-103.459966
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.47

Well	707H					
Well Position	+N/-S	0.48 usft	Northing:	440,926.46 usft	Latitude:	32.209192
	+E/-W	-1,110.11 usft	Easting:	810,349.12 usft	Longitude:	-103.463555
Position Uncertainty		0.00 usft	Wellhead Elevation:		Ground Level:	3,535.00 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	04/30/18	6.81	60.05	47,850.50294943

Design	Plan #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	174.00

Plan Survey Tool Program	Date	04/30/18		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	19,806.40 Plan #1 (OH)	MWD+IFR1+MS	
			OWSG MWD + IFR1 + Multi-St	

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	
3,240.00	0.00	0.00	3,240.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,839.66	6.00	72.12	3,838.57	9.62	29.84	1.00	1.00	0.00	72.12	
11,011.77	6.00	72.12	10,971.43	239.63	742.94	0.00	0.00	0.00	0.00	
11,611.43	0.00	0.00	11,570.00	249.25	772.77	1.00	-1.00	0.00	180.00	
11,814.48	0.00	0.00	11,773.04	249.25	772.77	0.00	0.00	0.00	0.00	
12,714.48	90.00	179.95	12,346.00	-323.71	773.31	10.00	10.00	0.00	179.95	
19,806.62	90.00	179.95	12,346.00	-7,415.84	779.98	0.00	0.00	0.00	0.00	JFC 707H PBHL

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Project:	Lea Co., NM (NAD83)	MD Reference:	KB=25' @ 3560.00usft (H&P 650)
Site:	Juliet Federal Com	North Reference:	True
Well:	707H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #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
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
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
3,240.00	0.00	0.00	3,240.00	0.00	0.00	0.00	0.00	0.00	0.00
Build 1°/100'									
3,300.00	0.60	72.12	3,300.00	0.10	0.30	-0.06	1.00	1.00	0.00
3,400.00	1.60	72.12	3,399.98	0.69	2.13	-0.46	1.00	1.00	0.00
3,500.00	2.60	72.12	3,499.91	1.81	5.61	-1.21	1.00	1.00	0.00
3,600.00	3.60	72.12	3,599.76	3.47	10.76	-2.33	1.00	1.00	0.00
3,700.00	4.60	72.12	3,699.51	5.67	17.56	-3.80	1.00	1.00	0.00
3,800.00	5.60	72.12	3,799.11	8.39	26.02	-5.63	1.00	1.00	0.00
3,839.66	6.00	72.12	3,838.57	9.62	29.84	-6.45	1.00	1.00	0.00
7172' Hold									
3,900.00	6.00	72.12	3,898.58	11.56	35.84	-7.75	0.00	0.00	0.00
4,000.00	6.00	72.12	3,998.03	14.77	45.78	-9.90	0.00	0.00	0.00
4,100.00	6.00	72.12	4,097.48	17.97	55.72	-12.05	0.00	0.00	0.00
4,200.00	6.00	72.12	4,196.93	21.18	65.67	-14.19	0.00	0.00	0.00
4,300.00	6.00	72.12	4,296.39	24.39	75.61	-16.34	0.00	0.00	0.00
4,400.00	6.00	72.12	4,395.84	27.59	85.55	-18.49	0.00	0.00	0.00
4,500.00	6.00	72.12	4,495.29	30.80	95.49	-20.64	0.00	0.00	0.00
4,600.00	6.00	72.12	4,594.75	34.01	105.44	-22.79	0.00	0.00	0.00
4,700.00	6.00	72.12	4,694.20	37.21	115.38	-24.94	0.00	0.00	0.00
4,800.00	6.00	72.12	4,793.65	40.42	125.32	-27.09	0.00	0.00	0.00

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Site:	Juliet Federal Com	North Reference:	True
Well:	707H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #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)
4,900.00	6.00	72.12	4,893.10	43.63	135.26	-29.24	0.00	0.00	0.00
5,000.00	6.00	72.12	4,992.56	46.83	145.21	-31.39	0.00	0.00	0.00
5,100.00	6.00	72.12	5,092.01	50.04	155.15	-33.54	0.00	0.00	0.00
5,200.00	6.00	72.12	5,191.46	53.25	165.09	-35.69	0.00	0.00	0.00
5,300.00	6.00	72.12	5,290.91	56.46	175.03	-37.84	0.00	0.00	0.00
5,400.00	6.00	72.12	5,390.37	59.66	184.98	-39.99	0.00	0.00	0.00
5,500.00	6.00	72.12	5,489.82	62.87	194.92	-42.14	0.00	0.00	0.00
5,600.00	6.00	72.12	5,589.27	66.08	204.86	-44.28	0.00	0.00	0.00
5,700.00	6.00	72.12	5,688.73	69.28	214.81	-46.43	0.00	0.00	0.00
5,800.00	6.00	72.12	5,788.18	72.49	224.75	-48.58	0.00	0.00	0.00
5,900.00	6.00	72.12	5,887.63	75.70	234.69	-50.73	0.00	0.00	0.00
6,000.00	6.00	72.12	5,987.08	78.90	244.63	-52.88	0.00	0.00	0.00
6,100.00	6.00	72.12	6,086.54	82.11	254.58	-55.03	0.00	0.00	0.00
6,200.00	6.00	72.12	6,185.99	85.32	264.52	-57.18	0.00	0.00	0.00
6,300.00	6.00	72.12	6,285.44	88.52	274.46	-59.33	0.00	0.00	0.00
6,400.00	6.00	72.12	6,384.90	91.73	284.40	-61.48	0.00	0.00	0.00
6,500.00	6.00	72.12	6,484.35	94.94	294.35	-63.63	0.00	0.00	0.00
6,600.00	6.00	72.12	6,583.80	98.15	304.29	-65.78	0.00	0.00	0.00
6,700.00	6.00	72.12	6,683.25	101.35	314.23	-67.93	0.00	0.00	0.00
6,800.00	6.00	72.12	6,782.71	104.56	324.17	-70.08	0.00	0.00	0.00
6,900.00	6.00	72.12	6,882.16	107.77	334.12	-72.23	0.00	0.00	0.00
7,000.00	6.00	72.12	6,981.61	110.97	344.06	-74.37	0.00	0.00	0.00
7,100.00	6.00	72.12	7,081.07	114.18	354.00	-76.52	0.00	0.00	0.00
7,200.00	6.00	72.12	7,180.52	117.39	363.94	-78.67	0.00	0.00	0.00
7,300.00	6.00	72.12	7,279.97	120.59	373.89	-80.82	0.00	0.00	0.00
7,400.00	6.00	72.12	7,379.42	123.80	383.83	-82.97	0.00	0.00	0.00
7,500.00	6.00	72.12	7,478.88	127.01	393.77	-85.12	0.00	0.00	0.00
7,600.00	6.00	72.12	7,578.33	130.21	403.72	-87.27	0.00	0.00	0.00
7,700.00	6.00	72.12	7,677.78	133.42	413.66	-89.42	0.00	0.00	0.00
7,800.00	6.00	72.12	7,777.24	136.63	423.60	-91.57	0.00	0.00	0.00
7,900.00	6.00	72.12	7,876.69	139.83	433.54	-93.72	0.00	0.00	0.00
8,000.00	6.00	72.12	7,976.14	143.04	443.49	-95.87	0.00	0.00	0.00
8,100.00	6.00	72.12	8,075.59	146.25	453.43	-98.02	0.00	0.00	0.00
8,200.00	6.00	72.12	8,175.05	149.46	463.37	-100.17	0.00	0.00	0.00
8,300.00	6.00	72.12	8,274.50	152.66	473.31	-102.32	0.00	0.00	0.00
8,400.00	6.00	72.12	8,373.95	155.87	483.26	-104.47	0.00	0.00	0.00
8,500.00	6.00	72.12	8,473.40	159.08	493.20	-106.61	0.00	0.00	0.00
8,600.00	6.00	72.12	8,572.86	162.28	503.14	-108.76	0.00	0.00	0.00
8,700.00	6.00	72.12	8,672.31	165.49	513.08	-110.91	0.00	0.00	0.00
8,800.00	6.00	72.12	8,771.76	168.70	523.03	-113.06	0.00	0.00	0.00
8,900.00	6.00	72.12	8,871.22	171.90	532.97	-115.21	0.00	0.00	0.00
9,000.00	6.00	72.12	8,970.67	175.11	542.91	-117.36	0.00	0.00	0.00
9,100.00	6.00	72.12	9,070.12	178.32	552.85	-119.51	0.00	0.00	0.00
9,200.00	6.00	72.12	9,169.57	181.52	562.80	-121.66	0.00	0.00	0.00
9,300.00	6.00	72.12	9,269.03	184.73	572.74	-123.81	0.00	0.00	0.00
9,400.00	6.00	72.12	9,368.48	187.94	582.68	-125.96	0.00	0.00	0.00
9,500.00	6.00	72.12	9,467.93	191.15	592.63	-128.11	0.00	0.00	0.00
9,600.00	6.00	72.12	9,567.39	194.35	602.57	-130.26	0.00	0.00	0.00
9,700.00	6.00	72.12	9,666.84	197.56	612.51	-132.41	0.00	0.00	0.00
9,800.00	6.00	72.12	9,766.29	200.77	622.45	-134.56	0.00	0.00	0.00
9,900.00	6.00	72.12	9,865.74	203.97	632.40	-136.70	0.00	0.00	0.00
10,000.00	6.00	72.12	9,965.20	207.18	642.34	-138.85	0.00	0.00	0.00
10,100.00	6.00	72.12	10,064.65	210.39	652.28	-141.00	0.00	0.00	0.00
10,200.00	6.00	72.12	10,164.10	213.59	662.22	-143.15	0.00	0.00	0.00

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Project:	Lea Co., NM (NAD83)	MD Reference:	KB=25' @ 3560.00usft (H&P 650)
Site:	Juliet Federal Com	North Reference:	True
Well:	707H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #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)
10,300.00	6.00	72.12	10,263.56	216.80	672.17	-145.30	0.00	0.00	0.00
10,400.00	6.00	72.12	10,363.01	220.01	682.11	-147.45	0.00	0.00	0.00
10,500.00	6.00	72.12	10,462.46	223.21	692.05	-149.60	0.00	0.00	0.00
10,600.00	6.00	72.12	10,561.91	226.42	701.99	-151.75	0.00	0.00	0.00
10,700.00	6.00	72.12	10,661.37	229.63	711.94	-153.90	0.00	0.00	0.00
10,800.00	6.00	72.12	10,760.82	232.83	721.88	-156.05	0.00	0.00	0.00
10,900.00	6.00	72.12	10,860.27	236.04	731.82	-158.20	0.00	0.00	0.00
11,000.00	6.00	72.12	10,959.72	239.25	741.77	-160.35	0.00	0.00	0.00
11,011.77	6.00	72.12	10,971.43	239.63	742.94	-160.60	0.00	0.00	0.00
Drop 1°/100'									
11,100.00	5.11	72.12	11,059.25	242.25	751.06	-162.36	1.00	-1.00	0.00
11,200.00	4.11	72.12	11,158.92	244.72	758.72	-164.01	1.00	-1.00	0.00
11,300.00	3.11	72.12	11,258.72	246.65	764.72	-165.31	1.00	-1.00	0.00
11,400.00	2.11	72.12	11,358.61	248.05	769.06	-166.25	1.00	-1.00	0.00
11,500.00	1.11	72.12	11,458.57	248.92	771.74	-166.83	1.00	-1.00	0.00
11,600.00	0.11	72.12	11,558.57	249.25	772.76	-167.05	1.00	-1.00	0.00
11,611.43	0.00	0.00	11,570.00	249.25	772.77	-167.05	1.00	-1.00	0.00
203' Hold									
11,700.00	0.00	0.00	11,658.57	249.25	772.77	-167.05	0.00	0.00	0.00
11,800.00	0.00	0.00	11,758.57	249.25	772.77	-167.05	0.00	0.00	0.00
11,814.48	0.00	0.00	11,773.04	249.25	772.77	-167.05	0.00	0.00	0.00
Build 10°/100'									
11,850.00	3.55	179.95	11,808.54	248.15	772.77	-165.95	10.00	10.00	0.00
11,900.00	8.55	179.95	11,858.25	242.88	772.78	-160.71	10.00	10.00	0.00
11,950.00	13.55	179.95	11,907.31	233.30	772.79	-151.18	10.00	10.00	0.00
12,000.00	18.55	179.95	11,955.34	219.48	772.80	-137.44	10.00	10.00	0.00
12,050.00	23.55	179.95	12,001.99	201.52	772.82	-119.58	10.00	10.00	0.00
12,100.00	28.55	179.95	12,046.89	179.57	772.84	-97.74	10.00	10.00	0.00
12,150.00	33.55	179.95	12,089.72	153.78	772.86	-72.10	10.00	10.00	0.00
12,200.00	38.55	179.95	12,130.13	124.37	772.89	-42.84	10.00	10.00	0.00
12,250.00	43.55	179.95	12,167.82	91.54	772.92	-10.19	10.00	10.00	0.00
12,300.00	48.55	179.95	12,202.51	55.55	772.96	25.60	10.00	10.00	0.00
12,350.00	53.55	179.95	12,233.93	16.68	772.99	64.27	10.00	10.00	0.00
12,400.00	58.55	179.95	12,261.84	-24.78	773.03	105.51	10.00	10.00	0.00
12,450.00	63.55	179.95	12,286.04	-68.52	773.07	149.01	10.00	10.00	0.00
12,500.00	68.55	179.95	12,306.32	-114.21	773.12	194.45	10.00	10.00	0.00
12,550.00	73.55	179.95	12,322.55	-161.48	773.16	241.47	10.00	10.00	0.00
12,600.00	78.55	179.95	12,334.60	-209.99	773.21	289.72	10.00	10.00	0.00
12,650.00	83.55	179.95	12,342.38	-259.37	773.25	338.83	10.00	10.00	0.00
12,700.00	88.55	179.95	12,345.82	-309.23	773.30	388.42	10.00	10.00	0.00
12,714.48	90.00	179.95	12,346.00	-323.71	773.31	402.82	10.00	10.00	0.00
7092' Hold									
12,800.00	90.00	179.95	12,346.00	-409.23	773.39	487.88	0.00	0.00	0.00
12,900.00	90.00	179.95	12,346.00	-509.23	773.49	587.35	0.00	0.00	0.00
13,000.00	90.00	179.95	12,346.00	-609.23	773.58	686.81	0.00	0.00	0.00
13,100.00	90.00	179.95	12,346.00	-709.23	773.68	786.27	0.00	0.00	0.00
13,200.00	90.00	179.95	12,346.00	-809.23	773.77	885.73	0.00	0.00	0.00
13,300.00	90.00	179.95	12,346.00	-909.23	773.86	985.19	0.00	0.00	0.00
13,400.00	90.00	179.95	12,346.00	-1,009.23	773.96	1,084.65	0.00	0.00	0.00
13,500.00	90.00	179.95	12,346.00	-1,109.23	774.05	1,184.11	0.00	0.00	0.00
13,600.00	90.00	179.95	12,346.00	-1,209.23	774.15	1,283.57	0.00	0.00	0.00
13,700.00	90.00	179.95	12,346.00	-1,309.23	774.24	1,383.04	0.00	0.00	0.00
13,800.00	90.00	179.95	12,346.00	-1,409.23	774.33	1,482.50	0.00	0.00	0.00
13,900.00	90.00	179.95	12,346.00	-1,509.23	774.43	1,581.96	0.00	0.00	0.00

Database:	EDM 5000.14 Single User Db	Local Co-ordinate Reference:	Well 707H
Company:	Centennial Resource Development, Inc.	TVD Reference:	KB=25' @ 3560.00usft (H&P 650)
Project:	Lea Co., NM (NAD83)	MD Reference:	KB=25' @ 3560.00usft (H&P 650)
Site:	Juliet Federal Com	North Reference:	True
Well:	707H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #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)
14,000.00	90.00	179.95	12,346.00	-1,609.23	774.52	1,681.42	0.00	0.00	0.00
14,100.00	90.00	179.95	12,346.00	-1,709.23	774.62	1,780.88	0.00	0.00	0.00
14,200.00	90.00	179.95	12,346.00	-1,809.23	774.71	1,880.34	0.00	0.00	0.00
14,300.00	90.00	179.95	12,346.00	-1,909.23	774.80	1,979.80	0.00	0.00	0.00
14,400.00	90.00	179.95	12,346.00	-2,009.23	774.90	2,079.26	0.00	0.00	0.00
14,500.00	90.00	179.95	12,346.00	-2,109.23	774.99	2,178.72	0.00	0.00	0.00
14,600.00	90.00	179.95	12,346.00	-2,209.23	775.09	2,278.19	0.00	0.00	0.00
14,700.00	90.00	179.95	12,346.00	-2,309.23	775.18	2,377.65	0.00	0.00	0.00
14,800.00	90.00	179.95	12,346.00	-2,409.23	775.27	2,477.11	0.00	0.00	0.00
14,900.00	90.00	179.95	12,346.00	-2,509.23	775.37	2,576.57	0.00	0.00	0.00
15,000.00	90.00	179.95	12,346.00	-2,609.23	775.46	2,676.03	0.00	0.00	0.00
15,100.00	90.00	179.95	12,346.00	-2,709.23	775.56	2,775.49	0.00	0.00	0.00
15,200.00	90.00	179.95	12,346.00	-2,809.23	775.65	2,874.95	0.00	0.00	0.00
15,300.00	90.00	179.95	12,346.00	-2,909.23	775.74	2,974.41	0.00	0.00	0.00
15,400.00	90.00	179.95	12,346.00	-3,009.23	775.84	3,073.88	0.00	0.00	0.00
15,500.00	90.00	179.95	12,346.00	-3,109.23	775.93	3,173.34	0.00	0.00	0.00
15,600.00	90.00	179.95	12,346.00	-3,209.23	776.03	3,272.80	0.00	0.00	0.00
15,700.00	90.00	179.95	12,346.00	-3,309.23	776.12	3,372.26	0.00	0.00	0.00
15,800.00	90.00	179.95	12,346.00	-3,409.23	776.21	3,471.72	0.00	0.00	0.00
15,900.00	90.00	179.95	12,346.00	-3,509.23	776.31	3,571.18	0.00	0.00	0.00
16,000.00	90.00	179.95	12,346.00	-3,609.23	776.40	3,670.64	0.00	0.00	0.00
16,100.00	90.00	179.95	12,346.00	-3,709.23	776.50	3,770.10	0.00	0.00	0.00
16,200.00	90.00	179.95	12,346.00	-3,809.23	776.59	3,869.57	0.00	0.00	0.00
16,300.00	90.00	179.95	12,346.00	-3,909.23	776.69	3,969.03	0.00	0.00	0.00
16,400.00	90.00	179.95	12,346.00	-4,009.23	776.78	4,068.49	0.00	0.00	0.00
16,500.00	90.00	179.95	12,346.00	-4,109.23	776.87	4,167.95	0.00	0.00	0.00
16,600.00	90.00	179.95	12,346.00	-4,209.23	776.97	4,267.41	0.00	0.00	0.00
16,700.00	90.00	179.95	12,346.00	-4,309.23	777.06	4,366.87	0.00	0.00	0.00
16,800.00	90.00	179.95	12,346.00	-4,409.23	777.16	4,466.33	0.00	0.00	0.00
16,900.00	90.00	179.95	12,346.00	-4,509.23	777.25	4,565.79	0.00	0.00	0.00
17,000.00	90.00	179.95	12,346.00	-4,609.23	777.34	4,665.26	0.00	0.00	0.00
17,100.00	90.00	179.95	12,346.00	-4,709.23	777.44	4,764.72	0.00	0.00	0.00
17,200.00	90.00	179.95	12,346.00	-4,809.23	777.53	4,864.18	0.00	0.00	0.00
17,300.00	90.00	179.95	12,346.00	-4,909.23	777.63	4,963.64	0.00	0.00	0.00
17,400.00	90.00	179.95	12,346.00	-5,009.23	777.72	5,063.10	0.00	0.00	0.00
17,500.00	90.00	179.95	12,346.00	-5,109.23	777.81	5,162.56	0.00	0.00	0.00
17,600.00	90.00	179.95	12,346.00	-5,209.23	777.91	5,262.02	0.00	0.00	0.00
17,700.00	90.00	179.95	12,346.00	-5,309.23	778.00	5,361.48	0.00	0.00	0.00
17,800.00	90.00	179.95	12,346.00	-5,409.23	778.10	5,460.95	0.00	0.00	0.00
17,900.00	90.00	179.95	12,346.00	-5,509.23	778.19	5,560.41	0.00	0.00	0.00
18,000.00	90.00	179.95	12,346.00	-5,609.23	778.28	5,659.87	0.00	0.00	0.00
18,100.00	90.00	179.95	12,346.00	-5,709.23	778.38	5,759.33	0.00	0.00	0.00
18,200.00	90.00	179.95	12,346.00	-5,809.23	778.47	5,858.79	0.00	0.00	0.00
18,300.00	90.00	179.95	12,346.00	-5,909.23	778.57	5,958.25	0.00	0.00	0.00
18,400.00	90.00	179.95	12,346.00	-6,009.23	778.66	6,057.71	0.00	0.00	0.00
18,500.00	90.00	179.95	12,346.00	-6,109.23	778.75	6,157.17	0.00	0.00	0.00
18,600.00	90.00	179.95	12,346.00	-6,209.23	778.85	6,256.64	0.00	0.00	0.00
18,700.00	90.00	179.95	12,346.00	-6,309.23	778.94	6,356.10	0.00	0.00	0.00
18,800.00	90.00	179.95	12,346.00	-6,409.23	779.04	6,455.56	0.00	0.00	0.00
18,900.00	90.00	179.95	12,346.00	-6,509.23	779.13	6,555.02	0.00	0.00	0.00
19,000.00	90.00	179.95	12,346.00	-6,609.23	779.22	6,654.48	0.00	0.00	0.00
19,100.00	90.00	179.95	12,346.00	-6,709.23	779.32	6,753.94	0.00	0.00	0.00
19,200.00	90.00	179.95	12,346.00	-6,809.23	779.41	6,853.40	0.00	0.00	0.00
19,300.00	90.00	179.95	12,346.00	-6,909.23	779.51	6,952.86	0.00	0.00	0.00

Database:	EDM 5000.14 Single User Db	Local Co-ordinate Reference:	Well 707H
Company:	Centennial Resource Development, Inc.	TVD Reference:	KB=25' @ 3560.00usft (H&P 650)
Project:	Lea Co., NM (NAD83)	MD Reference:	KB=25' @ 3560.00usft (H&P 650)
Site:	Juliet Federal Com	North Reference:	True
Well:	707H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #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)
19,400.00	90.00	179.95	12,346.00	-7,009.23	779.60	7,052.32	0.00	0.00	0.00
19,500.00	90.00	179.95	12,346.00	-7,109.23	779.70	7,151.79	0.00	0.00	0.00
19,600.00	90.00	179.95	12,346.00	-7,209.23	779.79	7,251.25	0.00	0.00	0.00
19,700.00	90.00	179.95	12,346.00	-7,309.23	779.88	7,350.71	0.00	0.00	0.00
19,806.62	90.00	179.95	12,346.00	-7,415.84	779.98	7,456.75	0.00	0.00	0.00
TD at 19806.62									

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									
JFC 707H PBHL	0.00	0.00	12,346.00	-7,415.84	779.98	433,517.17	811,189.09	32.188808	-103.461033
- plan hits target center									
- Point									
JFC 707H FTP	0.00	0.00	12,346.00	49.25	772.77	440,981.96	811,121.47	32.209327	-103.461056
- plan misses target center by 110.71usft at 12385.58usft MD (12254.16 TVD, -12.58 N, 773.02 E)									
- Point									

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
3,240.00	3,240.00	0.00	0.00	Build 1°/100'
3,839.66	3,838.57	9.62	29.84	7172' Hold
11,011.77	10,971.43	239.63	742.94	Drop 1°/100'
11,611.43	11,570.00	249.25	772.77	203' Hold
11,814.48	11,773.04	249.25	772.77	Build 10°/100'
12,714.48	12,346.00	-323.71	773.31	7092' Hold
19,806.62	12,346.00	-7,415.84	779.98	TD at 19806.62