



Centennial Resource Development, Inc.

**Lea Co., NM (NAD83)
Romeo Federal Com
705H**

OH

Plan: Plan #2

Standard Planning Report

02 May, 2018



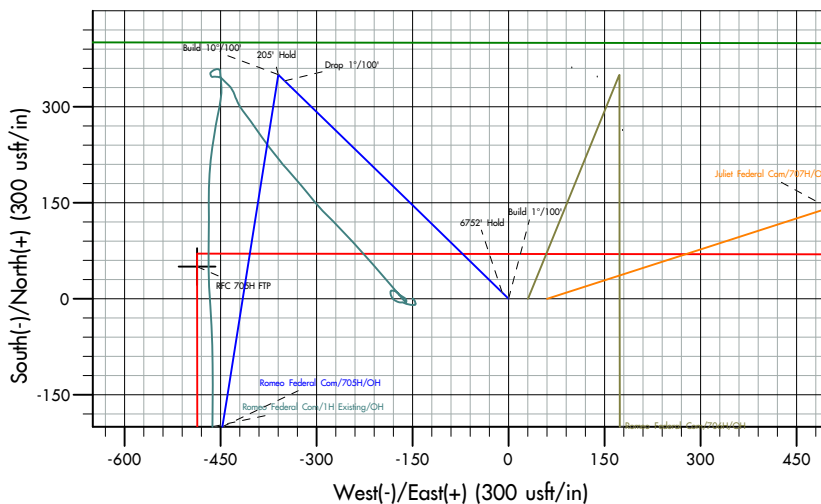
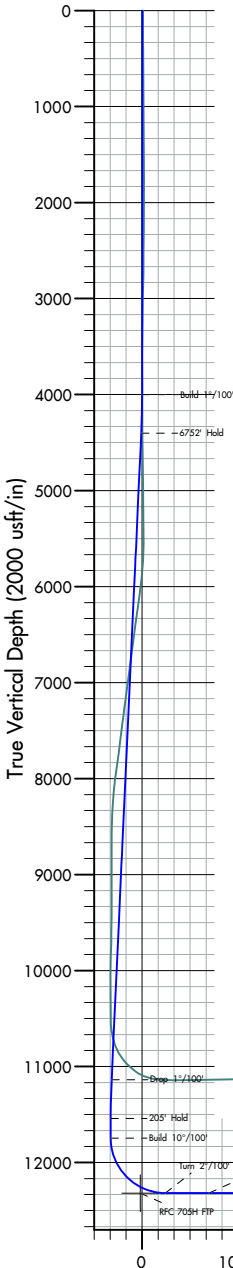
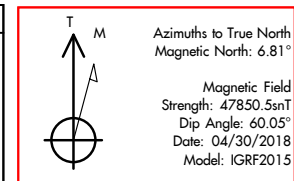
WELL DETAILS: 705H						
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
0.00	0.00	440926.12	810289.05	32.209192	-103.463749	

WELLBORE TARGET DETAILS (LAT/LONG)						
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
RFC 705H FTP	12318.00	50.45	-486.95	440972.63	809801.71	Point
RFC 705H PBHL P2	12318.00	-7415.72	-478.43	433506.77	809870.63	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	
4000.00	0.00	0.00	4000.00	0.00	0.00	0.00	0.00	0.00	Build 1°/100'
4402.66	4.03	314.23	4402.33	9.87	-10.13	1.00	314.23	-9.19	6752' Hold
11154.67	4.03	314.23	11137.67	340.58	-349.87	0.00	0.00	-317.35	Drop 1°/100'
11557.33	0.00	0.00	11540.00	350.45	-360.00	1.00	180.00	-326.55	205' Hold
11762.37	0.00	0.00	11745.04	350.45	-360.00	0.00	0.00	-326.55	Build 10°/100'
12662.37	90.00	189.00	12318.00	-215.45	-449.63	10.00	189.00	243.95	Turn 2°/100'
13115.11	90.00	179.95	12318.00	-666.35	-484.90	2.00	-90.00	696.19	6749' Hold
19864.49	90.00	179.95	12318.00	-7415.72	-478.43	0.00	0.00	7431.14	TD at 19864.49

Formation Tops
 No formation data is available

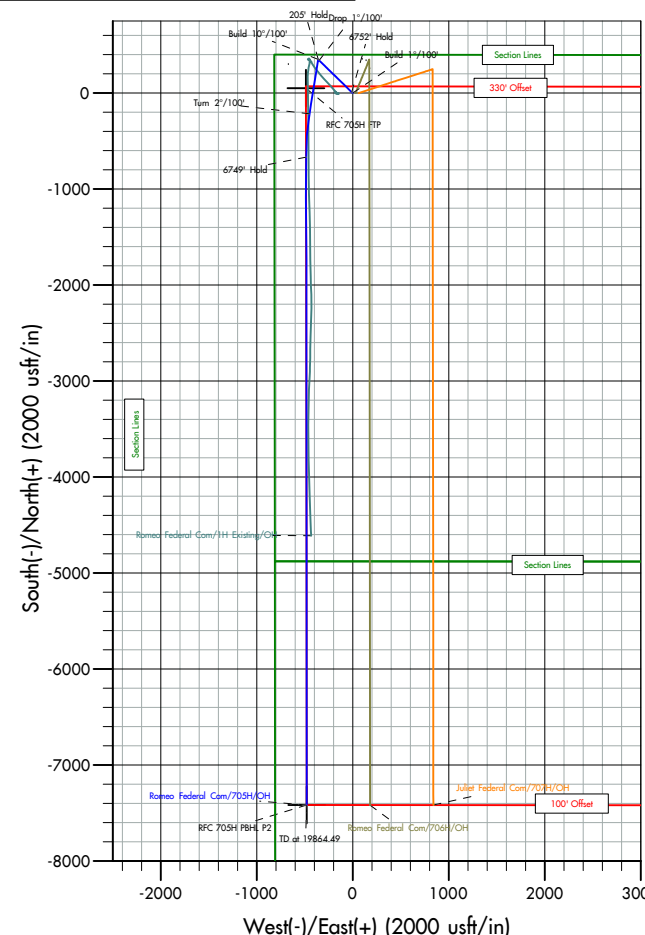
CASING DETAILS
 No casing data is available



TARGET LINE: 12318' KBTVD @ 0° VS, INC = 90°

Vertical Section at 183.69° (2000 usft/in)

Plan: Plan #2 (705H/OH)
 Created By: Dusty Moyer Date: 17:27 May 02 2018



Database:	EDM 5000.14 Single User Db	Local Co-ordinate Reference:	Well 705H
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:	Romeo Federal Com	North Reference:	True
Well:	705H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #2		

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	Romeo Federal Com				
Site Position:		Northing:	440,926.12 usft	Latitude:	32.209192
From:	Map	Easting:	810,289.05 usft	Longitude:	-103.463749
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.46 °

Well	705H					
Well Position	+N/-S	0.00 usft	Northing:	440,926.12 usft	Latitude:	32.209192
	+E/-W	0.00 usft	Easting:	810,289.05 usft	Longitude:	-103.463749
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	47,850.48298270

Design	Plan #2			
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	183.69

Plan Survey Tool Program	Date	05/02/18		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	19,864.49 Plan #2 (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	0.00
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4,402.66	4.03	314.23	4,402.33	9.87	-10.13	1.00	1.00	0.00	314.23	
11,154.67	4.03	314.23	11,137.67	340.58	-349.87	0.00	0.00	0.00	0.00	
11,557.33	0.00	0.00	11,540.00	350.45	-360.00	1.00	-1.00	0.00	180.00	
11,762.37	0.00	0.00	11,745.04	350.45	-360.00	0.00	0.00	0.00	0.00	
12,662.37	90.00	189.00	12,318.00	-215.45	-449.63	10.00	10.00	0.00	189.00	
13,115.11	90.00	179.95	12,318.00	-666.35	-484.90	2.00	0.00	-2.00	-90.00	
19,864.49	90.00	179.95	12,318.00	-7,415.72	-478.43	0.00	0.00	0.00	0.00	RFC 705H PBHL P2

Database:	EDM 5000.14 Single User Db	Local Co-ordinate Reference:	Well 705H
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:	Romeo Federal Com	North Reference:	True
Well:	705H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #2		

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
3,300.00	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
Build 1°/100'									
4,100.00	1.00	314.23	4,100.00	0.61	-0.63	-0.57	1.00	1.00	0.00
4,200.00	2.00	314.23	4,199.96	2.43	-2.50	-2.27	1.00	1.00	0.00
4,300.00	3.00	314.23	4,299.86	5.48	-5.63	-5.10	1.00	1.00	0.00
4,402.66	4.03	314.23	4,402.33	9.87	-10.13	-9.19	1.00	1.00	0.00
6752' Hold									
4,500.00	4.03	314.23	4,499.43	14.63	-15.03	-13.64	0.00	0.00	0.00
4,600.00	4.03	314.23	4,599.18	19.53	-20.06	-18.20	0.00	0.00	0.00
4,700.00	4.03	314.23	4,698.93	24.43	-25.10	-22.76	0.00	0.00	0.00
4,800.00	4.03	314.23	4,798.69	29.33	-30.13	-27.33	0.00	0.00	0.00
4,900.00	4.03	314.23	4,898.44	34.23	-35.16	-31.89	0.00	0.00	0.00
5,000.00	4.03	314.23	4,998.19	39.12	-40.19	-36.45	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:	Romeo Federal Com	North Reference:	True
Well:	705H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #2		

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)
5,100.00	4.03	314.23	5,097.95	44.02	-45.22	-41.02	0.00	0.00	0.00
5,200.00	4.03	314.23	5,197.70	48.92	-50.25	-45.58	0.00	0.00	0.00
5,300.00	4.03	314.23	5,297.45	53.82	-55.28	-50.15	0.00	0.00	0.00
5,400.00	4.03	314.23	5,397.21	58.72	-60.32	-54.71	0.00	0.00	0.00
5,500.00	4.03	314.23	5,496.96	63.61	-65.35	-59.27	0.00	0.00	0.00
5,600.00	4.03	314.23	5,596.71	68.51	-70.38	-63.84	0.00	0.00	0.00
5,700.00	4.03	314.23	5,696.47	73.41	-75.41	-68.40	0.00	0.00	0.00
5,800.00	4.03	314.23	5,796.22	78.31	-80.44	-72.97	0.00	0.00	0.00
5,900.00	4.03	314.23	5,895.97	83.21	-85.47	-77.53	0.00	0.00	0.00
6,000.00	4.03	314.23	5,995.73	88.10	-90.51	-82.09	0.00	0.00	0.00
6,100.00	4.03	314.23	6,095.48	93.00	-95.54	-86.66	0.00	0.00	0.00
6,200.00	4.03	314.23	6,195.23	97.90	-100.57	-91.22	0.00	0.00	0.00
6,300.00	4.03	314.23	6,294.99	102.80	-105.60	-95.79	0.00	0.00	0.00
6,400.00	4.03	314.23	6,394.74	107.70	-110.63	-100.35	0.00	0.00	0.00
6,500.00	4.03	314.23	6,494.49	112.59	-115.66	-104.91	0.00	0.00	0.00
6,600.00	4.03	314.23	6,594.24	117.49	-120.69	-109.48	0.00	0.00	0.00
6,700.00	4.03	314.23	6,694.00	122.39	-125.73	-114.04	0.00	0.00	0.00
6,800.00	4.03	314.23	6,793.75	127.29	-130.76	-118.61	0.00	0.00	0.00
6,900.00	4.03	314.23	6,893.50	132.19	-135.79	-123.17	0.00	0.00	0.00
7,000.00	4.03	314.23	6,993.26	137.09	-140.82	-127.73	0.00	0.00	0.00
7,100.00	4.03	314.23	7,093.01	141.98	-145.85	-132.30	0.00	0.00	0.00
7,200.00	4.03	314.23	7,192.76	146.88	-150.88	-136.86	0.00	0.00	0.00
7,300.00	4.03	314.23	7,292.52	151.78	-155.92	-141.43	0.00	0.00	0.00
7,400.00	4.03	314.23	7,392.27	156.68	-160.95	-145.99	0.00	0.00	0.00
7,500.00	4.03	314.23	7,492.02	161.58	-165.98	-150.55	0.00	0.00	0.00
7,600.00	4.03	314.23	7,591.78	166.47	-171.01	-155.12	0.00	0.00	0.00
7,700.00	4.03	314.23	7,691.53	171.37	-176.04	-159.68	0.00	0.00	0.00
7,800.00	4.03	314.23	7,791.28	176.27	-181.07	-164.25	0.00	0.00	0.00
7,900.00	4.03	314.23	7,891.04	181.17	-186.11	-168.81	0.00	0.00	0.00
8,000.00	4.03	314.23	7,990.79	186.07	-191.14	-173.37	0.00	0.00	0.00
8,100.00	4.03	314.23	8,090.54	190.96	-196.17	-177.94	0.00	0.00	0.00
8,200.00	4.03	314.23	8,190.30	195.86	-201.20	-182.50	0.00	0.00	0.00
8,300.00	4.03	314.23	8,290.05	200.76	-206.23	-187.07	0.00	0.00	0.00
8,400.00	4.03	314.23	8,389.80	205.66	-211.26	-191.63	0.00	0.00	0.00
8,500.00	4.03	314.23	8,489.55	210.56	-216.29	-196.19	0.00	0.00	0.00
8,600.00	4.03	314.23	8,589.31	215.45	-221.33	-200.76	0.00	0.00	0.00
8,700.00	4.03	314.23	8,689.06	220.35	-226.36	-205.32	0.00	0.00	0.00
8,800.00	4.03	314.23	8,788.81	225.25	-231.39	-209.89	0.00	0.00	0.00
8,900.00	4.03	314.23	8,888.57	230.15	-236.42	-214.45	0.00	0.00	0.00
9,000.00	4.03	314.23	8,988.32	235.05	-241.45	-219.01	0.00	0.00	0.00
9,100.00	4.03	314.23	9,088.07	239.95	-246.48	-223.58	0.00	0.00	0.00
9,200.00	4.03	314.23	9,187.83	244.84	-251.52	-228.14	0.00	0.00	0.00
9,300.00	4.03	314.23	9,287.58	249.74	-256.55	-232.71	0.00	0.00	0.00
9,400.00	4.03	314.23	9,387.33	254.64	-261.58	-237.27	0.00	0.00	0.00
9,500.00	4.03	314.23	9,487.09	259.54	-266.61	-241.83	0.00	0.00	0.00
9,600.00	4.03	314.23	9,586.84	264.44	-271.64	-246.40	0.00	0.00	0.00
9,700.00	4.03	314.23	9,686.59	269.33	-276.67	-250.96	0.00	0.00	0.00
9,800.00	4.03	314.23	9,786.35	274.23	-281.70	-255.53	0.00	0.00	0.00
9,900.00	4.03	314.23	9,886.10	279.13	-286.74	-260.09	0.00	0.00	0.00
10,000.00	4.03	314.23	9,985.85	284.03	-291.77	-264.65	0.00	0.00	0.00
10,100.00	4.03	314.23	10,085.61	288.93	-296.80	-269.22	0.00	0.00	0.00
10,200.00	4.03	314.23	10,185.36	293.82	-301.83	-273.78	0.00	0.00	0.00
10,300.00	4.03	314.23	10,285.11	298.72	-306.86	-278.35	0.00	0.00	0.00
10,400.00	4.03	314.23	10,384.86	303.62	-311.89	-282.91	0.00	0.00	0.00

Database:	EDM 5000.14 Single User Db	Local Co-ordinate Reference:	Well 705H
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:	Romeo Federal Com	North Reference:	True
Well:	705H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #2		

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)
10,500.00	4.03	314.23	10,484.62	308.52	-316.93	-287.47	0.00	0.00	0.00
10,600.00	4.03	314.23	10,584.37	313.42	-321.96	-292.04	0.00	0.00	0.00
10,700.00	4.03	314.23	10,684.12	318.31	-326.99	-296.60	0.00	0.00	0.00
10,800.00	4.03	314.23	10,783.88	323.21	-332.02	-301.17	0.00	0.00	0.00
10,900.00	4.03	314.23	10,883.63	328.11	-337.05	-305.73	0.00	0.00	0.00
11,000.00	4.03	314.23	10,983.38	333.01	-342.08	-310.29	0.00	0.00	0.00
11,100.00	4.03	314.23	11,083.14	337.91	-347.12	-314.86	0.00	0.00	0.00
11,154.67	4.03	314.23	11,137.67	340.58	-349.87	-317.35	0.00	0.00	0.00
Drop 1°/100'									
11,200.00	3.57	314.23	11,182.90	342.68	-352.02	-319.31	1.00	-1.00	0.00
11,300.00	2.57	314.23	11,282.76	346.42	-355.86	-322.79	1.00	-1.00	0.00
11,400.00	1.57	314.23	11,382.69	348.94	-358.45	-325.14	1.00	-1.00	0.00
11,500.00	0.57	314.23	11,482.67	350.25	-359.79	-326.36	1.00	-1.00	0.00
11,557.33	0.00	0.00	11,540.00	350.45	-360.00	-326.55	1.00	-1.00	0.00
205' Hold									
11,600.00	0.00	0.00	11,582.67	350.45	-360.00	-326.55	0.00	0.00	0.00
11,700.00	0.00	0.00	11,682.67	350.45	-360.00	-326.55	0.00	0.00	0.00
11,762.37	0.00	0.00	11,745.04	350.45	-360.00	-326.55	0.00	0.00	0.00
Build 10°/100'									
11,800.00	3.76	189.00	11,782.64	349.23	-360.19	-325.32	10.00	10.00	0.00
11,850.00	8.76	189.00	11,832.33	343.84	-361.05	-319.89	10.00	10.00	0.00
11,900.00	13.76	189.00	11,881.35	334.20	-362.57	-310.17	10.00	10.00	0.00
11,950.00	18.76	189.00	11,929.33	320.38	-364.76	-296.23	10.00	10.00	0.00
12,000.00	23.76	189.00	11,975.92	302.47	-367.60	-278.18	10.00	10.00	0.00
12,050.00	28.76	189.00	12,020.74	280.63	-371.06	-256.16	10.00	10.00	0.00
12,100.00	33.76	189.00	12,063.47	255.01	-375.12	-230.33	10.00	10.00	0.00
12,150.00	38.76	189.00	12,103.77	225.81	-379.74	-200.89	10.00	10.00	0.00
12,200.00	43.76	189.00	12,141.34	193.25	-384.90	-168.06	10.00	10.00	0.00
12,250.00	48.76	189.00	12,175.90	157.58	-390.55	-132.10	10.00	10.00	0.00
12,300.00	53.76	189.00	12,207.18	119.07	-396.65	-93.28	10.00	10.00	0.00
12,350.00	58.76	189.00	12,234.94	78.01	-403.15	-51.89	10.00	10.00	0.00
12,400.00	63.76	189.00	12,258.97	34.72	-410.01	-8.25	10.00	10.00	0.00
12,450.00	68.76	189.00	12,279.09	-10.47	-417.16	37.30	10.00	10.00	0.00
12,500.00	73.76	189.00	12,295.14	-57.22	-424.57	84.44	10.00	10.00	0.00
12,550.00	78.76	189.00	12,307.01	-105.18	-432.16	132.78	10.00	10.00	0.00
12,600.00	83.76	189.00	12,314.61	-153.97	-439.89	181.98	10.00	10.00	0.00
12,650.00	88.76	189.00	12,317.86	-203.24	-447.70	231.64	10.00	10.00	0.00
12,662.37	90.00	189.00	12,318.00	-215.45	-449.63	243.95	10.00	10.00	0.00
Turn 2°/100'									
12,700.00	90.00	188.25	12,318.00	-252.66	-455.27	281.45	2.00	0.00	-2.00
12,800.00	90.00	186.25	12,318.00	-351.85	-467.89	381.25	2.00	0.00	-2.00
12,900.00	90.00	184.25	12,318.00	-451.43	-477.03	481.21	2.00	0.00	-2.00
13,000.00	90.00	182.25	12,318.00	-551.26	-482.70	581.20	2.00	0.00	-2.00
13,100.00	90.00	180.25	12,318.00	-651.24	-484.87	681.10	2.00	0.00	-2.00
13,115.11	90.00	179.95	12,318.00	-666.35	-484.90	696.19	2.00	0.00	-2.00
6749' Hold									
13,200.00	90.00	179.95	12,318.00	-751.24	-484.82	780.89	0.00	0.00	0.00
13,300.00	90.00	179.95	12,318.00	-851.24	-484.72	880.68	0.00	0.00	0.00
13,400.00	90.00	179.95	12,318.00	-951.24	-484.63	980.46	0.00	0.00	0.00
13,500.00	90.00	179.95	12,318.00	-1,051.24	-484.53	1,080.25	0.00	0.00	0.00
13,600.00	90.00	179.95	12,318.00	-1,151.24	-484.43	1,180.04	0.00	0.00	0.00
13,700.00	90.00	179.95	12,318.00	-1,251.24	-484.34	1,279.82	0.00	0.00	0.00
13,800.00	90.00	179.95	12,318.00	-1,351.24	-484.24	1,379.61	0.00	0.00	0.00
13,900.00	90.00	179.95	12,318.00	-1,451.24	-484.15	1,479.40	0.00	0.00	0.00

Database:	EDM 5000.14 Single User Db	Local Co-ordinate Reference:	Well 705H
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:	Romeo Federal Com	North Reference:	True
Well:	705H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #2		

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	12,318.00	-1,551.24	-484.05	1,579.18	0.00	0.00	0.00
14,100.00	90.00	179.95	12,318.00	-1,651.24	-483.96	1,678.97	0.00	0.00	0.00
14,200.00	90.00	179.95	12,318.00	-1,751.24	-483.86	1,778.75	0.00	0.00	0.00
14,300.00	90.00	179.95	12,318.00	-1,851.24	-483.76	1,878.54	0.00	0.00	0.00
14,400.00	90.00	179.95	12,318.00	-1,951.24	-483.67	1,978.33	0.00	0.00	0.00
14,500.00	90.00	179.95	12,318.00	-2,051.24	-483.57	2,078.11	0.00	0.00	0.00
14,600.00	90.00	179.95	12,318.00	-2,151.24	-483.48	2,177.90	0.00	0.00	0.00
14,700.00	90.00	179.95	12,318.00	-2,251.24	-483.38	2,277.69	0.00	0.00	0.00
14,800.00	90.00	179.95	12,318.00	-2,351.24	-483.28	2,377.47	0.00	0.00	0.00
14,900.00	90.00	179.95	12,318.00	-2,451.24	-483.19	2,477.26	0.00	0.00	0.00
15,000.00	90.00	179.95	12,318.00	-2,551.23	-483.09	2,577.04	0.00	0.00	0.00
15,100.00	90.00	179.95	12,318.00	-2,651.23	-483.00	2,676.83	0.00	0.00	0.00
15,200.00	90.00	179.95	12,318.00	-2,751.23	-482.90	2,776.62	0.00	0.00	0.00
15,300.00	90.00	179.95	12,318.00	-2,851.23	-482.81	2,876.40	0.00	0.00	0.00
15,400.00	90.00	179.95	12,318.00	-2,951.23	-482.71	2,976.19	0.00	0.00	0.00
15,500.00	90.00	179.95	12,318.00	-3,051.23	-482.61	3,075.98	0.00	0.00	0.00
15,600.00	90.00	179.95	12,318.00	-3,151.23	-482.52	3,175.76	0.00	0.00	0.00
15,700.00	90.00	179.95	12,318.00	-3,251.23	-482.42	3,275.55	0.00	0.00	0.00
15,800.00	90.00	179.95	12,318.00	-3,351.23	-482.33	3,375.34	0.00	0.00	0.00
15,900.00	90.00	179.95	12,318.00	-3,451.23	-482.23	3,475.12	0.00	0.00	0.00
16,000.00	90.00	179.95	12,318.00	-3,551.23	-482.14	3,574.91	0.00	0.00	0.00
16,100.00	90.00	179.95	12,318.00	-3,651.23	-482.04	3,674.69	0.00	0.00	0.00
16,200.00	90.00	179.95	12,318.00	-3,751.23	-481.94	3,774.48	0.00	0.00	0.00
16,300.00	90.00	179.95	12,318.00	-3,851.23	-481.85	3,874.27	0.00	0.00	0.00
16,400.00	90.00	179.95	12,318.00	-3,951.23	-481.75	3,974.05	0.00	0.00	0.00
16,500.00	90.00	179.95	12,318.00	-4,051.23	-481.66	4,073.84	0.00	0.00	0.00
16,600.00	90.00	179.95	12,318.00	-4,151.23	-481.56	4,173.63	0.00	0.00	0.00
16,700.00	90.00	179.95	12,318.00	-4,251.23	-481.46	4,273.41	0.00	0.00	0.00
16,800.00	90.00	179.95	12,318.00	-4,351.23	-481.37	4,373.20	0.00	0.00	0.00
16,900.00	90.00	179.95	12,318.00	-4,451.23	-481.27	4,472.98	0.00	0.00	0.00
17,000.00	90.00	179.95	12,318.00	-4,551.23	-481.18	4,572.77	0.00	0.00	0.00
17,100.00	90.00	179.95	12,318.00	-4,651.23	-481.08	4,672.56	0.00	0.00	0.00
17,200.00	90.00	179.95	12,318.00	-4,751.23	-480.99	4,772.34	0.00	0.00	0.00
17,300.00	90.00	179.95	12,318.00	-4,851.23	-480.89	4,872.13	0.00	0.00	0.00
17,400.00	90.00	179.95	12,318.00	-4,951.23	-480.79	4,971.92	0.00	0.00	0.00
17,500.00	90.00	179.95	12,318.00	-5,051.23	-480.70	5,071.70	0.00	0.00	0.00
17,600.00	90.00	179.95	12,318.00	-5,151.23	-480.60	5,171.49	0.00	0.00	0.00
17,700.00	90.00	179.95	12,318.00	-5,251.23	-480.51	5,271.28	0.00	0.00	0.00
17,800.00	90.00	179.95	12,318.00	-5,351.23	-480.41	5,371.06	0.00	0.00	0.00
17,900.00	90.00	179.95	12,318.00	-5,451.23	-480.31	5,470.85	0.00	0.00	0.00
18,000.00	90.00	179.95	12,318.00	-5,551.23	-480.22	5,570.63	0.00	0.00	0.00
18,100.00	90.00	179.95	12,318.00	-5,651.23	-480.12	5,670.42	0.00	0.00	0.00
18,200.00	90.00	179.95	12,318.00	-5,751.23	-480.03	5,770.21	0.00	0.00	0.00
18,300.00	90.00	179.95	12,318.00	-5,851.23	-479.93	5,869.99	0.00	0.00	0.00
18,400.00	90.00	179.95	12,318.00	-5,951.23	-479.84	5,969.78	0.00	0.00	0.00
18,500.00	90.00	179.95	12,318.00	-6,051.23	-479.74	6,069.57	0.00	0.00	0.00
18,600.00	90.00	179.95	12,318.00	-6,151.23	-479.64	6,169.35	0.00	0.00	0.00
18,700.00	90.00	179.95	12,318.00	-6,251.23	-479.55	6,269.14	0.00	0.00	0.00
18,800.00	90.00	179.95	12,318.00	-6,351.23	-479.45	6,368.92	0.00	0.00	0.00
18,900.00	90.00	179.95	12,318.00	-6,451.23	-479.36	6,468.71	0.00	0.00	0.00
19,000.00	90.00	179.95	12,318.00	-6,551.23	-479.26	6,568.50	0.00	0.00	0.00
19,100.00	90.00	179.95	12,318.00	-6,651.23	-479.16	6,668.28	0.00	0.00	0.00
19,200.00	90.00	179.95	12,318.00	-6,751.23	-479.07	6,768.07	0.00	0.00	0.00
19,300.00	90.00	179.95	12,318.00	-6,851.23	-478.97	6,867.86	0.00	0.00	0.00

Database:	EDM 5000.14 Single User Db	Local Co-ordinate Reference:	Well 705H
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:	Romeo Federal Com	North Reference:	True
Well:	705H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #2		

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	12,318.00	-6,951.23	-478.88	6,967.64	0.00	0.00	0.00	
19,500.00	90.00	179.95	12,318.00	-7,051.23	-478.78	7,067.43	0.00	0.00	0.00	
19,600.00	90.00	179.95	12,318.00	-7,151.23	-478.69	7,167.22	0.00	0.00	0.00	
19,700.00	90.00	179.95	12,318.00	-7,251.23	-478.59	7,267.00	0.00	0.00	0.00	
19,800.00	90.00	179.95	12,318.00	-7,351.23	-478.49	7,366.79	0.00	0.00	0.00	
19,864.49	90.00	179.95	12,318.00	-7,415.72	-478.43	7,431.14	0.00	0.00	0.00	
TD at 19864.49										

Design Targets										
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
RFC 705H PBHL P2 - plan hits target center - Point	0.00	0.00	12,318.00	-7,415.72	-478.43	433,506.77	809,870.63	32.188809	-103.465295	
RFC 705H FTP - plan misses target center by 95.77usft at 12420.57usft MD (12267.73 TVD, 16.35 N, -412.92 E) - Point	0.00	0.00	12,318.00	50.45	-486.95	440,972.63	809,801.71	32.209331	-103.465323	

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
4,000.00	4,000.00	0.00	0.00	Build 1°/100'	
4,402.66	4,402.33	9.87	-10.13	6752' Hold	
11,154.67	11,137.67	340.58	-349.87	Drop 1°/100'	
11,557.33	11,540.00	350.45	-360.00	205' Hold	
11,762.37	11,745.04	350.45	-360.00	Build 10°/100'	
12,662.37	12,318.00	-215.45	-449.63	Turn 2°/100'	
13,115.11	12,318.00	-666.35	-484.90	6749' Hold	
19,864.49	12,318.00	-7,415.72	-478.43	TD at 19864.49	