

Well Name: GOUDA FEDERAL COM	Well Location: T22S / R32E / SEC 5 / SESE / 32.415488 / -103.692104	County or Parish/State: LEA / NM
Well Number: 605H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM131588	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002548617	Well Status: Drilling Well	Operator: CENTENNIAL RESOURCE PRODUCTION LLC

Notice of Intent

Type of Submission: Notice of Intent	Type of Action Drilling Operations
Date Sundry Submitted: 05/27/2021	Time Sundry Submitted: 03:12
Date proposed operation will begin: 05/27/2021	

Procedure Description: Centennial Resource Production, LLC respectfully requests to sidetrack this well because of a fish left in the hole. Sidetrack procedure: Begin control sliding @ 30-50 ft/hr for 20', then begin gradually rolling TF up for the remaining 20' (to keep from dropping too much TVD). Towards the last 15' of our sidetrack we should start seeing a difference in INC on the runners. Once we have drilled the total 75' of sidetrack we can get a survey to verify. Begin time drilling @ 12270' @ 120R TF 5 min/inch for 5' 4 min/inch for 5' 3 min/inch for 5' 2 min/inch for 5' 1 min/inch for 5' Begin control sliding @ 30-50 ft/hr for 20', then begin gradually rolling TF up for the remaining 20' (to keep from dropping too much TVD). Towards the last 15' of our sidetrack we should start seeing a difference in INC on the runners. Once we have drilled the total 75' of sidetrack we can get a survey to verify.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

- Gouda_Federal_Com_605H__Plan_2_05_25_21_AC_Report_20210527151138.pdf
- Gouda_Federal_Com_605H__Plan_2_05_25_21_20210527151138.pdf
- Gouda_Fed_Com_605H_WBD_STO1_20210527151138.pdf

Well Name: GOUDA FEDERAL COM	Well Location: T22S / R32E / SEC 5 / SESE / 32.415488 / -103.692104	County or Parish/State: LEA / NM
Well Number: 605H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM131588	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002548617	Well Status: Drilling Well	Operator: CENTENNIAL RESOURCE PRODUCTION LLC

Operator Certification

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: KANICIA SCHLICHTING
Signed on: MAY 27, 2021 03:10 PM
Name: CENTENNIAL RESOURCE PRODUCTION LLC
Title: Sr. Regulatory Analyst
Street Address: 1001 17th Street, Suite 1800
City: Denver **State:** CO
Phone: (720) 499-1537
Email address: Kanicia.schlichting@cdevinc.com

Field Representative

Representative Name: Kanicia Schlichting
Street Address: 1001 17th Street, Suite 1800
City: Denver **State:** CO **Zip:** 80202
Phone: (720)499-1537
Email address: kanicia.schlichting@cdevinc.com

BLM Point of Contact

BLM POC Name: JEROMY PORTER	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752345997	BLM POC Email Address: jjporter@blm.gov
Disposition: Approved	Disposition Date: 05/27/2021
Signature: Jeromy Porter	

CENTENNIAL

WBD

Well : Gouda Federal Com 605H

Area : Burratta

FM tgt: 3rd BSS

County : Lea State : NM

Location : Lot P Section 5, T22S, R32E; 757' FSL & 1,185' FEL

BHL : Lot A, Section 32, T21S, R32E; 100' FNL & 330' FEL

KB Elev : 3,721.9' MSL KB : 26' AGL GL Elev : 3,695.9' MSL

Cement: 64 BBLS to surface

TUBULAR DETAIL

	Size	Lbs./ft	Grade	Cxn	From	To	Burst	Clips
Conductor	20"	94	H-40		0'	120'	1,530	520
Surface	13.375"	54.5	J-55	BTC	0'	784'	2,730	1,130
Intermediate 1	9.625"	40	J-55	LTC	0'	4,731'	3,950	2,570
Production	5.5"	20.0	P110 RY	TCBC-HT	0'	TD	12,640	12,780

734'

Surface

Rustler

TD at 784'

907'

Salado

17 1/2"

12 1/4" PDC

Cement: 138 BBLS to surface

3,384'

BX BLM (Fletcher Anhydrite)

4,675'

Lamar

Intermediate #1

4,742'

TD at 4,731' MD

Bell Canyon

5,578'

Cherry Canyon

6,918'

Brushy Canyon

8,619'

Bone Spring Lime

8,811'

Avalon

9,725'

First Bone Spring Sand

9,980'

Second Bone Spring Shale

10,304'

Second Bone Spring Sand

10,792'

Third Bone Spring Carb

11,383'

KOP at 11,277' MD / 11,1187' TVD

Third Bone Spring Sand

EOB 12,177' MD / 11,760.9' TVD
90.0° INC

TD at 21,977' MD

Original Hole

STO1
12,270' MD



Centennial Resources Development, Inc.

**Lea County, NM (NAD83 - UTM Zone 13)
Gouda Federal Com
605H**

**ST01 / 67826
Plan 2 05-25-21**

Anticollision Report

25 May, 2021





Anticollision Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 605H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3720.90usft (H&P 313)
Reference Site:	Gouda Federal Com	MD Reference:	RKB @ 3720.90usft (H&P 313)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	605H	Survey Calculation Method:	Minimum Curvature
Well Error:	1.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ST01 / 67826	Database:	USA Compass
Reference Design:	Plan 2 05-25-21	Offset TVD Reference:	Reference Datum

Reference	Plan 2 05-25-21
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria
Interpolation Method:	MD Interval 100.00usft
Depth Range:	Unlimited
Results Limited by:	Maximum centre distance of 50,000.00usft
Warning Levels Evaluated at:	2.00 Sigma
Error Model:	ISCWSA
Scan Method:	Closest Approach 3D
Error Surface:	Pedal Curve
Casing Method:	Not applied

Survey Tool Program		Date	5/25/2021		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
200.00	12,266.00	Phoenix MWD Surveys (OH / 67826)	MWD+IFR1+MS	OWSG MWD + IFR1 + Multi-Station Correction	
12,266.00	21,983.82	Plan 2 05-25-21 (ST01 / 67826)	MWD+IFR1+MS	OWSG MWD + IFR1 + Multi-Station Correction	

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Separation Between Ellipses (usft)	Warning	
Gouda Federal Com						
604H - OH / 67825 - Plan 1 04-26-21	0.00	0.00	60.00			
604H - OH / 67825 - Plan 1 04-26-21	900.00	898.86	63.23	54.57	7.306 ES	
604H - OH / 67825 - Plan 1 04-26-21	21,983.82	21,920.85	1,076.51	901.43	6.149 SF	
604H - OH / 67825 - Surveys (H&P 313)	0.00	0.00	60.00			
604H - OH / 67825 - Surveys (H&P 313)	900.00	899.05	60.63	50.95	6.264 ES	
604H - OH / 67825 - Surveys (H&P 313)	1,100.00	1,098.99	67.02	54.31	5.273 SF	
605H - OH / 67826 - Surveys (H&P 313)	17,666.52	17,666.97	23.23	-11.49	0.669 Level 3, CC	
605H - OH / 67826 - Surveys (H&P 313)	19,405.58	19,407.03	30.93	-38.37	0.446 Level 3, ES, SF	
Mozzarella Fed Com						
603H - OH / 67731 - Surveys (H&P 313)	6,950.08	7,098.53	2,108.46	2,056.19	40.338 CC	
603H - OH / 67731 - Surveys (H&P 313)	21,200.00	21,699.52	2,119.66	1,943.43	12.028 ES	
603H - OH / 67731 - Surveys (H&P 313)	21,983.82	22,476.71	2,130.92	1,944.38	11.423 SF	
Mozzarella Offsets						
DR AWKWARD 17 8 FED COM 313H - OH - Plan 1	11,600.00	22,078.04	584.10	456.17	4.566 SF	
DR AWKWARD 17 8 FED COM 313H - OH - Plan 1	11,634.75	22,078.04	582.28	454.78	4.567 CC, ES	
DR AWKWARD 17 8 FED COM 34H - OH - Plan 1	11,721.94	22,301.84	1,232.68	1,100.95	9.358 CC, ES, SF	

Offset Design: Gouda Federal Com - 604H - OH / 67825 - Plan 1 04-26-21											
Survey Program: 0-MWD+IFR1+MS											
Reference Measured Depth (usft)											
Offset Measured Depth (usft)											
Semi Major Axis Reference (usft)											
Offset (usft)											
Highside Toolface (°)											
Offset Wellbore Centre +N/-S (usft)											
+E/-W (usft)											
Rule Assigned: Distance Between Centres (usft)											
Between Ellipses (usft)											
Minimum Separation (usft)											
Separation Factor											
Warning											
0.00	0.00	0.00	1.10	1.00	1.00	-90.29	-0.31	-59.99	60.00		
100.00	100.00	98.90	100.00	1.15	1.04	-142.31	-0.31	-59.99	60.11	57.94	2.17
200.00	200.00	198.90	200.00	1.67	1.36	-142.58	-0.31	-59.99	60.48	57.57	2.91
300.00	300.00	298.90	300.00	2.54	1.74	-121.66	-0.31	-59.99	60.87	56.79	4.09
400.00	400.00	398.90	400.00	3.53	2.12	-102.62	-0.31	-59.99	61.10	55.74	5.37
500.00	499.99	498.89	499.99	3.88	2.49	-99.92	-0.31	-59.99	61.26	55.23	6.03
600.00	599.98	598.88	599.98	4.12	2.86	-123.22	-0.31	-59.99	61.69	55.06	6.63
700.00	699.98	698.88	699.98	4.36	3.23	-108.57	-0.31	-59.99	62.28	55.05	7.23
800.00	799.97	798.87	799.97	4.72	3.59	-112.81	-0.31	-59.99	62.65	54.70	7.95
900.00	899.96	898.86	899.96	5.05	3.96	-147.48	-0.31	-59.99	63.23	54.57	8.65

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



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Reference Site:	Gouda Federal Com	MD Reference:	RKB @ 3720.90usft (H&P 313)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	605H	Survey Calculation Method:	Minimum Curvature
Well Error:	1.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ST01 / 67826	Database:	USA Compass
Reference Design:	Plan 2 05-25-21	Offset TVD Reference:	Reference Datum

Offset Design: Gouda Federal Com - 604H - OH / 67825 - Plan 1 04-26-21													Offset Site Error: 0.00 usft
Survey Program: 0-MWD+IFR1+MS													Offset Well Error: 1.00 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre		Distance Between Centres (usft)		Minimum Separation (usft)	Separation Factor	Warning
							+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
1,000.00	999.94	998.84	999.94	5.30	4.32	155.93	-0.31	-59.99	65.05	55.76	9.28	7.008	
1,100.00	1,099.80	1,098.70	1,099.80	5.53	4.68	147.94	-0.31	-59.99	69.57	59.71	9.86	7.057	
1,200.00	1,199.62	1,198.52	1,199.62	5.77	5.04	148.67	-0.31	-59.99	74.63	64.21	10.42	7.162	
1,300.00	1,299.45	1,298.35	1,299.45	6.01	5.40	148.68	-0.31	-59.99	79.74	68.76	10.98	7.264	
1,400.00	1,399.28	1,398.18	1,399.28	6.26	5.76	151.00	-0.31	-59.99	84.68	73.13	11.55	7.332	
1,500.00	1,499.12	1,498.02	1,499.12	6.52	6.12	154.26	-0.31	-59.99	89.76	77.63	12.14	7.395	
1,600.00	1,598.96	1,597.86	1,598.96	6.79	6.48	157.78	-0.31	-59.99	94.87	82.13	12.75	7.444	
1,700.00	1,698.80	1,697.70	1,698.80	7.07	6.84	161.16	-0.31	-59.99	100.14	86.77	13.37	7.492	
1,800.00	1,798.65	1,797.55	1,798.65	7.39	7.20	164.54	-0.31	-59.99	105.47	91.44	14.03	7.519	
1,900.00	1,898.49	1,897.39	1,898.49	7.82	7.56	167.79	-0.31	-59.99	110.86	96.14	14.72	7.533	
2,000.00	1,998.33	1,997.23	1,998.33	8.37	7.92	171.26	-0.31	-59.99	116.39	100.94	15.46	7.530	
2,100.00	2,098.16	2,096.93	2,098.03	8.95	8.22	173.90	-1.10	-60.18	122.26	106.08	16.18	7.555	
2,200.00	2,197.94	2,196.52	2,197.58	9.49	8.55	174.08	-3.59	-60.76	129.14	112.22	16.92	7.632	
2,300.00	2,297.61	2,295.89	2,296.85	9.99	8.88	172.35	-7.74	-61.73	137.57	119.93	17.64	7.799	
2,400.00	2,397.16	2,395.00	2,395.78	10.34	9.21	165.22	-13.56	-63.10	147.60	129.30	18.29	8.068	
2,500.00	2,496.51	2,493.82	2,494.30	10.68	9.54	159.13	-21.01	-64.85	159.48	140.52	18.96	8.413	
2,600.00	2,595.78	2,592.34	2,592.39	11.01	9.87	159.96	-30.09	-66.98	172.41	152.80	19.61	8.792	
2,700.00	2,695.02	2,690.54	2,689.97	11.34	10.20	153.01	-40.77	-69.48	186.21	165.96	20.25	9.194	
2,800.00	2,794.12	2,788.60	2,787.21	11.69	10.53	144.63	-53.06	-72.36	200.45	179.54	20.91	9.588	
2,900.00	2,893.09	2,886.25	2,883.82	12.03	10.86	145.80	-66.90	-75.61	216.10	194.54	21.56	10.022	
3,000.00	2,991.97	2,983.49	2,979.77	12.39	11.20	137.61	-82.28	-79.21	232.86	210.64	22.22	10.481	
3,100.00	3,090.57	3,081.70	3,076.49	12.78	11.53	134.39	-98.87	-83.10	249.99	227.10	22.89	10.922	
3,200.00	3,189.22	3,180.08	3,173.37	13.13	11.87	133.35	-115.50	-87.00	267.32	243.76	23.57	11.342	
3,300.00	3,287.77	3,278.53	3,270.33	13.48	12.22	127.68	-132.14	-90.91	284.51	260.26	24.25	11.732	
3,400.00	3,386.10	3,377.01	3,367.32	13.83	12.56	127.75	-148.79	-94.81	301.77	276.83	24.94	12.100	
3,500.00	3,484.44	3,475.38	3,464.19	14.16	12.90	130.75	-165.42	-98.71	319.64	294.01	25.63	12.471	
3,600.00	3,582.84	3,573.64	3,560.96	14.49	13.25	132.70	-182.03	-102.61	337.98	311.65	26.33	12.838	
3,700.00	3,681.12	3,671.72	3,657.54	14.84	13.60	134.07	-198.61	-106.49	357.31	330.28	27.02	13.221	
3,800.00	3,778.89	3,769.49	3,753.83	15.24	13.94	131.25	-215.14	-110.37	378.25	350.51	27.74	13.636	
3,900.00	3,876.16	3,866.84	3,849.71	15.64	14.29	135.64	-231.60	-114.23	401.10	372.65	28.44	14.101	
4,000.00	3,973.22	3,963.97	3,945.35	16.08	14.64	134.28	-248.02	-118.08	424.90	395.74	29.15	14.575	
4,100.00	4,070.15	4,061.09	4,041.00	16.52	14.98	133.13	-264.44	-121.93	448.65	418.78	29.86	15.025	
4,200.00	4,167.32	4,158.47	4,136.90	16.98	15.33	132.10	-280.91	-125.79	471.35	440.78	30.57	15.419	
4,300.00	4,264.87	4,256.19	4,233.14	17.41	15.68	131.49	-297.43	-129.66	492.57	461.29	31.28	15.747	
4,400.00	4,362.56	4,354.01	4,329.47	17.79	16.04	129.05	-313.96	-133.54	513.33	481.34	32.00	16.044	
4,500.00	4,460.80	4,452.52	4,426.48	18.21	16.39	123.01	-330.62	-137.45	530.51	497.79	32.71	16.216	
4,600.00	4,559.38	4,551.20	4,523.67	18.59	16.75	124.34	-347.30	-141.36	546.51	513.08	33.43	16.346	
4,700.00	4,658.16	4,649.95	4,620.91	18.95	17.11	125.16	-364.00	-145.27	561.97	527.82	34.16	16.454	
4,800.00	4,757.04	4,748.64	4,718.10	19.33	17.47	127.73	-380.68	-149.19	577.57	542.70	34.88	16.560	
4,900.00	4,855.98	4,847.24	4,815.21	19.69	17.83	130.22	-397.35	-153.10	593.55	557.95	35.60	16.673	
5,000.00	4,954.93	4,945.74	4,912.21	20.04	18.19	131.61	-414.00	-157.00	610.06	573.74	36.32	16.795	
5,100.00	5,053.83	5,044.13	5,009.11	20.38	18.55	134.67	-430.64	-160.90	627.21	590.16	37.05	16.929	
5,200.00	5,152.66	5,142.44	5,105.92	20.72	18.91	130.46	-447.26	-164.80	644.92	607.15	37.78	17.073	
5,300.00	5,251.38	5,240.99	5,202.98	21.07	19.27	121.05	-463.92	-168.71	661.61	623.10	38.51	17.180	
5,400.00	5,350.06	5,339.70	5,300.18	21.43	19.63	123.21	-480.61	-172.62	677.54	638.29	39.25	17.263	
5,500.00	5,448.81	5,438.30	5,397.29	21.77	19.99	125.74	-497.28	-176.53	693.94	653.96	39.98	17.358	
5,600.00	5,547.70	5,536.89	5,494.38	22.12	20.36	126.98	-513.95	-180.44	710.25	669.55	40.71	17.448	
5,700.00	5,646.74	5,635.47	5,591.47	22.46	20.72	128.98	-530.61	-184.34	726.37	684.93	41.44	17.530	
5,800.00	5,745.81	5,733.99	5,688.48	22.83	21.08	129.88	-547.27	-188.25	742.76	700.59	42.17	17.614	
5,900.00	5,844.62	5,832.43	5,785.43	23.36	21.45	125.74	-563.91	-192.15	759.98	717.07	42.91	17.710	
6,000.00	5,942.95	5,933.58	5,885.07	23.86	21.81	123.85	-580.83	-196.12	778.09	734.42	43.67	17.819	
6,100.00	6,041.05	6,038.35	5,988.55	24.26	22.19	125.01	-596.81	-199.87	796.22	751.77	44.44	17.915	

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Site Error:	0.00 usft	North Reference:	True
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Reference Wellbore	ST01 / 67826	Database:	USA Compass
Reference Design:	Plan 2 05-25-21	Offset TVD Reference:	Reference Datum

Offset Design: Gouda Federal Com - 604H - OH / 67825 - Plan 1 04-26-21

Offset Site Error: 0.00 usft

Offset Well Error: 1.00 usft

Survey Program: Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned: Distance		Minimum Separation (usft)	Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
6,200.00	6,139.07	6,143.22	6,092.40	24.61	22.58	127.04	-610.96	-203.19	814.13	768.91	45.22	18.003	
6,300.00	6,237.19	6,248.23	6,196.65	24.95	22.96	129.35	-623.27	-206.07	831.58	785.58	45.99	18.080	
6,400.00	6,335.47	6,353.47	6,301.34	25.30	23.34	130.03	-633.74	-208.53	847.97	801.21	46.76	18.134	
6,500.00	6,433.89	6,458.89	6,406.39	25.65	23.72	131.49	-642.35	-210.55	863.19	815.66	47.53	18.163	
6,600.00	6,532.39	6,564.42	6,511.69	26.01	24.10	126.61	-649.08	-212.13	877.25	828.96	48.29	18.167	
6,700.00	6,630.85	6,669.92	6,617.07	26.37	24.48	125.07	-653.92	-213.26	889.20	840.16	49.05	18.129	
6,800.00	6,729.45	6,775.35	6,722.46	26.72	24.85	125.99	-656.87	-213.95	900.22	850.42	49.79	18.079	
6,900.00	6,828.21	6,880.71	6,827.80	27.07	25.20	129.49	-657.94	-214.20	910.21	859.70	50.51	18.019	
7,000.00	6,927.17	6,980.07	6,927.17	27.42	25.52	131.75	-657.94	-214.20	919.70	868.51	51.19	17.965	
7,100.00	7,026.29	7,079.20	7,026.29	27.76	25.85	135.66	-657.94	-214.20	928.81	876.93	51.88	17.904	
7,200.00	7,125.51	7,178.41	7,125.51	28.11	26.18	136.79	-657.94	-214.20	937.91	885.35	52.56	17.844	
7,300.00	7,224.76	7,277.67	7,224.76	28.46	26.51	142.31	-657.94	-214.20	947.18	893.93	53.25	17.789	
7,400.00	7,324.04	7,376.94	7,324.04	28.80	26.84	139.12	-657.94	-214.20	956.48	902.55	53.93	17.735	
7,500.00	7,423.36	7,476.26	7,423.36	29.15	27.17	140.73	-657.94	-214.20	965.44	910.82	54.62	17.676	
7,600.00	7,522.65	7,575.55	7,522.65	29.50	27.50	140.53	-657.94	-214.20	974.63	919.32	55.31	17.622	
7,700.00	7,622.01	7,674.91	7,622.01	29.85	27.84	142.19	-657.94	-214.20	983.51	927.51	56.00	17.564	
7,800.00	7,721.42	7,774.33	7,721.42	30.20	28.17	137.47	-657.94	-214.20	991.96	935.27	56.69	17.499	
7,900.00	7,820.77	7,873.68	7,820.77	30.56	28.50	127.97	-657.94	-214.20	999.39	942.01	57.38	17.417	
8,000.00	7,920.17	7,973.07	7,920.17	30.91	28.84	127.94	-657.94	-214.20	1,006.27	948.20	58.07	17.328	
8,100.00	8,019.61	8,072.51	8,019.61	31.26	29.18	126.59	-657.94	-214.20	1,012.61	953.85	58.76	17.233	
8,200.00	8,119.02	8,171.93	8,119.02	31.60	29.51	127.36	-657.94	-214.20	1,019.13	959.68	59.45	17.143	
8,300.00	8,218.52	8,271.42	8,218.52	31.95	29.85	127.96	-657.94	-214.20	1,025.29	965.15	60.14	17.048	
8,400.00	8,318.02	8,370.92	8,318.02	32.30	30.19	125.21	-657.94	-214.20	1,031.37	970.54	60.83	16.955	
8,500.00	8,417.56	8,470.46	8,417.56	32.64	30.52	122.61	-657.94	-214.20	1,036.67	975.15	61.52	16.852	
8,600.00	8,517.20	8,570.11	8,517.20	32.98	30.86	122.99	-657.94	-214.20	1,041.20	978.99	62.21	16.738	
8,700.00	8,616.90	8,669.80	8,616.90	33.33	31.20	118.86	-657.94	-214.20	1,045.28	982.39	62.89	16.620	
8,800.00	8,716.65	8,769.56	8,716.65	33.67	31.54	114.13	-657.94	-214.20	1,048.41	984.83	63.58	16.490	
8,900.00	8,816.50	8,869.40	8,816.50	34.02	31.88	111.23	-657.94	-214.20	1,050.53	986.26	64.26	16.347	
9,000.00	8,916.40	8,969.31	8,916.40	34.35	32.23	101.02	-657.94	-214.20	1,051.85	986.90	64.95	16.196	
9,100.00	9,016.36	9,069.26	9,016.36	34.68	32.57	83.76	-657.94	-214.20	1,052.05	986.42	65.63	16.031	
9,200.00	9,116.33	9,169.23	9,116.33	34.99	32.91	68.22	-657.94	-214.20	1,051.48	985.18	66.30	15.859	
9,300.00	9,216.31	9,269.21	9,216.31	35.30	33.25	51.55	-657.94	-214.20	1,050.65	983.68	66.97	15.687	
9,400.00	9,316.31	9,369.21	9,316.31	35.61	33.60	-9.66	-657.94	-214.20	1,050.18	982.54	67.64	15.527	
9,500.00	9,416.31	9,469.21	9,416.31	35.94	33.94	-51.21	-657.94	-214.20	1,049.99	981.70	68.29	15.376	
9,567.46	9,483.77	9,536.67	9,483.77	36.16	34.17	151.32	-657.94	-214.20	1,050.00	981.27	68.73	15.276	
9,600.00	9,516.31	9,569.21	9,516.31	36.27	34.28	145.49	-657.94	-214.20	1,049.95	981.00	68.95	15.228	
9,700.00	9,616.29	9,669.20	9,616.29	36.62	34.63	133.96	-657.94	-214.20	1,050.97	981.34	69.63	15.093	
9,800.00	9,716.28	9,769.18	9,716.28	36.99	34.97	141.13	-657.94	-214.20	1,052.33	982.00	70.33	14.963	
9,900.00	9,816.27	9,869.17	9,816.27	37.33	35.32	135.16	-657.94	-214.20	1,053.58	982.56	71.02	14.836	
10,000.00	9,916.24	9,969.15	9,916.24	37.66	35.66	124.01	-657.94	-214.20	1,054.85	983.14	71.71	14.711	
10,100.00	10,016.21	10,069.12	10,016.21	38.02	36.01	122.32	-657.94	-214.20	1,056.16	983.76	72.39	14.589	
10,200.00	10,116.19	10,169.10	10,116.19	38.38	36.35	124.20	-657.94	-214.20	1,057.27	984.19	73.08	14.466	
10,300.00	10,216.18	10,269.08	10,216.18	38.73	36.70	86.52	-657.94	-214.20	1,057.89	984.11	73.78	14.339	
10,400.00	10,316.15	10,369.05	10,316.15	39.06	37.04	85.01	-657.94	-214.20	1,057.44	982.97	74.47	14.199	
10,500.00	10,416.12	10,469.02	10,416.12	39.38	37.39	64.60	-657.94	-214.20	1,056.97	981.81	75.16	14.062	
10,600.00	10,516.05	10,568.95	10,516.05	39.70	37.74	39.18	-657.94	-214.20	1,054.71	978.86	75.85	13.905	
10,700.00	10,615.97	10,668.87	10,615.97	40.02	38.08	11.39	-657.94	-214.20	1,051.16	974.64	76.52	13.736	
10,800.00	10,715.90	10,768.80	10,715.90	40.33	38.43	24.24	-657.94	-214.20	1,047.63	970.44	77.19	13.572	
10,900.00	10,815.84	10,868.74	10,815.84	40.64	38.78	26.08	-657.94	-214.20	1,044.47	966.61	77.86	13.415	
11,000.00	10,915.78	10,968.68	10,915.78	40.96	39.12	54.37	-657.94	-214.20	1,041.93	963.39	78.54	13.266	
11,100.00	11,015.67	11,068.57	11,015.67	41.28	39.47	80.31	-657.94	-214.20	1,040.31	961.07	79.24	13.128	
11,200.00	11,115.49	11,168.39	11,115.49	41.64	39.82	84.31	-657.94	-214.20	1,039.48	959.24	80.24	12.954	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 605H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3720.90usft (H&P 313)
Reference Site:	Gouda Federal Com	MD Reference:	RKB @ 3720.90usft (H&P 313)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	605H	Survey Calculation Method:	Minimum Curvature
Well Error:	1.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ST01 / 67826	Database:	USA Compass
Reference Design:	Plan 2 05-25-21	Offset TVD Reference:	Reference Datum

Offset Design: Gouda Federal Com - 604H - OH / 67825 - Plan 1 04-26-21

Offset Site Error: 0.00 usft

Offset Well Error: 1.00 usft

Survey Program: Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned: Distance		Minimum Separation (usft)	Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
11,224.35	11,139.82	11,192.73	11,139.82	41.75	39.90	90.00	-657.94	-214.20	1,039.43	958.78	80.65	12.888	
11,300.00	11,215.44	11,266.63	11,213.71	42.40	40.16	-102.17	-657.36	-214.20	1,039.92	958.01	81.91	12.695	
11,400.00	11,314.29	11,360.38	11,306.61	43.44	40.53	-88.22	-645.51	-214.21	1,040.96	957.41	83.55	12.459	
11,500.00	11,408.47	11,454.54	11,396.71	44.37	40.90	-86.96	-618.55	-214.24	1,040.28	955.99	84.29	12.342	
11,600.00	11,494.30	11,550.00	11,482.31	45.62	41.25	-86.29	-576.54	-214.27	1,038.05	953.23	84.82	12.238	
11,676.73	11,552.55	11,623.12	11,542.48	46.39	41.47	-89.20	-535.07	-214.31	1,036.77	951.56	85.20	12.168	
11,700.00	11,568.79	11,645.66	11,559.91	46.63	41.53	-89.88	-520.78	-214.32	1,036.78	951.46	85.32	12.152	
11,800.00	11,632.71	11,743.66	11,628.66	47.17	41.76	-92.15	-451.11	-214.39	1,040.51	954.65	85.86	12.118	
11,900.00	11,685.11	11,843.00	11,685.21	47.51	41.93	-90.66	-369.59	-214.46	1,044.81	958.49	86.32	12.104	
12,000.00	11,724.52	11,943.23	11,727.15	47.79	42.03	-89.15	-278.70	-214.54	1,043.06	956.32	86.74	12.025	
12,100.00	11,752.95	12,043.27	11,752.61	47.92	42.09	-89.26	-182.08	-214.62	1,036.89	949.87	87.02	11.915	
12,200.00	11,764.14	12,142.85	11,760.90	47.98	42.11	-89.81	-82.98	-214.71	1,033.97	946.77	87.21	11.856	
12,203.47	11,764.28	12,146.31	11,760.90	48.09	42.12	-89.81	-79.51	-214.71	1,033.97	946.76	87.21	11.856	
12,300.00	11,765.47	12,242.77	11,760.90	51.47	42.14	-89.89	16.94	-214.80	1,036.52	949.18	87.34	11.867	
12,400.00	11,766.78	12,342.43	11,760.90	51.50	42.17	-89.67	116.61	-214.89	1,044.52	957.08	87.44	11.945	
12,500.00	11,765.66	12,442.20	11,760.90	51.52	42.20	-89.69	216.38	-214.98	1,051.25	963.71	87.54	12.009	
12,600.00	11,764.36	12,541.97	11,760.90	51.55	42.25	-89.76	316.15	-215.06	1,057.89	970.22	87.67	12.067	
12,700.00	11,763.06	12,641.75	11,760.90	51.58	42.31	-89.84	415.92	-215.15	1,064.48	976.66	87.82	12.121	
12,800.00	11,761.75	12,741.64	11,760.90	51.62	42.38	-89.93	515.81	-215.24	1,068.80	980.78	88.02	12.143	
12,900.00	11,760.44	12,841.62	11,760.90	51.65	42.47	-90.02	615.80	-215.33	1,069.75	981.51	88.24	12.123	
13,000.00	11,759.13	12,941.61	11,760.90	51.68	42.57	-90.09	715.79	-215.42	1,069.75	981.28	88.47	12.091	
13,100.00	11,757.83	13,041.60	11,760.90	51.71	42.69	-90.16	815.78	-215.51	1,069.76	981.02	88.73	12.056	
13,200.00	11,756.52	13,141.60	11,760.90	51.74	42.82	-90.23	915.77	-215.60	1,069.76	980.74	89.02	12.017	
13,300.00	11,755.21	13,241.59	11,760.90	51.78	42.97	-90.30	1,015.76	-215.68	1,069.77	980.44	89.33	11.976	
13,400.00	11,753.90	13,341.58	11,760.90	51.81	43.14	-90.37	1,115.75	-215.77	1,069.78	980.12	89.66	11.931	
13,500.00	11,752.59	13,441.57	11,760.90	51.85	43.32	-90.44	1,215.74	-215.86	1,069.79	979.77	90.02	11.884	
13,600.00	11,751.28	13,541.56	11,760.90	51.89	43.51	-90.52	1,315.74	-215.95	1,069.80	979.39	90.41	11.833	
13,700.00	11,749.97	13,641.55	11,760.90	51.92	43.72	-90.59	1,415.73	-216.04	1,069.81	979.00	90.81	11.780	
13,800.00	11,748.66	13,741.54	11,760.90	51.96	43.95	-90.66	1,515.72	-216.13	1,069.83	978.58	91.25	11.725	
13,900.00	11,747.35	13,841.54	11,760.90	52.00	44.19	-90.73	1,615.71	-216.21	1,069.85	978.14	91.70	11.666	
14,000.00	11,746.05	13,941.53	11,760.90	52.05	44.44	-90.80	1,715.70	-216.30	1,069.87	977.68	92.18	11.606	
14,100.00	11,744.74	14,041.52	11,760.90	52.09	44.70	-90.87	1,815.69	-216.39	1,069.89	977.20	92.68	11.543	
14,200.00	11,743.43	14,141.51	11,760.90	52.13	44.98	-90.94	1,915.68	-216.48	1,069.91	976.70	93.21	11.479	
14,300.00	11,742.12	14,241.50	11,760.90	52.18	45.26	-91.01	2,015.68	-216.57	1,069.93	976.18	93.75	11.412	
14,400.00	11,740.81	14,341.49	11,760.90	52.22	45.56	-91.08	2,115.67	-216.66	1,069.96	975.63	94.32	11.344	
14,500.00	11,739.50	14,441.48	11,760.90	52.27	45.88	-91.15	2,215.66	-216.75	1,069.98	975.07	94.91	11.274	
14,600.00	11,738.19	14,541.48	11,760.90	52.32	46.20	-91.22	2,315.65	-216.83	1,070.01	974.49	95.52	11.202	
14,700.00	11,736.88	14,641.47	11,760.90	52.37	46.53	-91.29	2,415.64	-216.92	1,070.04	973.89	96.15	11.129	
14,800.00	11,735.57	14,741.46	11,760.90	52.42	46.87	-91.36	2,515.63	-217.01	1,070.07	973.27	96.80	11.054	
14,900.00	11,734.26	14,841.45	11,760.90	52.47	47.23	-91.43	2,615.62	-217.10	1,070.10	972.63	97.47	10.979	
15,000.00	11,732.96	14,941.44	11,760.90	52.52	47.59	-91.50	2,715.62	-217.19	1,070.14	971.98	98.16	10.902	
15,100.00	11,731.65	15,041.43	11,760.90	52.57	47.96	-91.57	2,815.61	-217.28	1,070.18	971.31	98.87	10.824	
15,200.00	11,730.34	15,141.42	11,760.90	52.63	48.35	-91.64	2,915.60	-217.36	1,070.21	970.62	99.60	10.745	
15,300.00	11,729.03	15,241.42	11,760.90	52.68	48.74	-91.71	3,015.59	-217.45	1,070.25	969.91	100.34	10.666	
15,400.00	11,727.72	15,341.41	11,760.90	52.74	49.14	-91.78	3,115.58	-217.54	1,070.29	969.19	101.11	10.586	
15,500.00	11,726.41	15,441.40	11,760.90	52.81	49.55	-91.85	3,215.57	-217.63	1,070.34	968.45	101.89	10.505	
15,600.00	11,725.10	15,541.39	11,760.90	52.89	49.97	-91.92	3,315.56	-217.72	1,070.38	967.70	102.68	10.424	
15,700.00	11,723.79	15,641.38	11,760.90	53.06	50.39	-91.99	3,415.56	-217.81	1,070.43	966.93	103.50	10.343	
15,800.00	11,722.48	15,741.37	11,760.90	53.38	50.83	-92.06	3,515.55	-217.90	1,070.47	966.15	104.33	10.261	
15,900.00	11,721.17	15,841.36	11,760.90	53.76	51.27	-92.13	3,615.54	-217.98	1,070.52	965.35	105.17	10.179	
16,000.00	11,719.87	15,941.36	11,760.90	54.16	51.72	-92.20	3,715.53	-218.07	1,070.57	964.54	106.03	10.097	
16,100.00	11,718.56	16,041.35	11,760.90	54.57	52.18	-92.27	3,815.52	-218.16	1,070.63	963.72	106.91	10.015	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 605H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3720.90usft (H&P 313)
Reference Site:	Gouda Federal Com	MD Reference:	RKB @ 3720.90usft (H&P 313)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	605H	Survey Calculation Method:	Minimum Curvature
Well Error:	1.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ST01 / 67826	Database:	USA Compass
Reference Design:	Plan 2 05-25-21	Offset TVD Reference:	Reference Datum

Offset Design: Gouda Federal Com - 604H - OH / 67825 - Plan 1 04-26-21

Offset Site Error: 0.00 usft

Offset Well Error: 1.00 usft

Survey Program: Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned: Distance Between Centres		Minimum Separation (usft)	Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
16,200.00	11,717.25	16,141.34	11,760.90	54.99	52.64	-92.34	3,915.51	-218.25	1,070.68	962.88	107.80	9.932	
16,300.00	11,715.94	16,241.33	11,760.90	55.42	53.12	-92.41	4,015.50	-218.34	1,070.73	962.03	108.70	9.850	
16,400.00	11,714.63	16,341.32	11,760.90	55.85	53.59	-92.48	4,115.50	-218.43	1,070.79	961.17	109.62	9.768	
16,500.00	11,713.32	16,441.31	11,760.90	56.30	54.08	-92.55	4,215.49	-218.52	1,070.85	960.30	110.55	9.686	
16,600.00	11,712.01	16,541.30	11,760.90	56.75	54.57	-92.62	4,315.48	-218.60	1,070.91	959.41	111.50	9.605	
16,700.00	11,710.70	16,641.30	11,760.90	57.20	55.07	-92.69	4,415.47	-218.69	1,070.97	958.52	112.45	9.524	
16,800.00	11,709.39	16,741.29	11,760.90	57.67	55.57	-92.76	4,515.46	-218.78	1,071.04	957.61	113.43	9.443	
16,900.00	11,708.09	16,841.28	11,760.90	58.14	56.08	-92.83	4,615.45	-218.87	1,071.10	956.69	114.41	9.362	
17,000.00	11,706.78	16,941.27	11,760.90	58.61	56.60	-92.90	4,715.44	-218.96	1,071.17	955.76	115.40	9.282	
17,100.00	11,705.47	17,041.26	11,760.90	59.10	57.12	-92.97	4,815.43	-219.05	1,071.24	954.83	116.41	9.202	
17,200.00	11,704.16	17,141.25	11,760.90	59.59	57.65	-93.04	4,915.43	-219.13	1,071.31	953.88	117.43	9.123	
17,300.00	11,702.85	17,241.24	11,760.90	60.08	58.18	-93.11	5,015.42	-219.22	1,071.38	952.92	118.46	9.044	
17,400.00	11,701.54	17,341.24	11,760.90	60.58	58.72	-93.18	5,115.41	-219.31	1,071.45	951.95	119.50	8.966	
17,500.00	11,700.23	17,441.23	11,760.90	61.08	59.26	-93.25	5,215.40	-219.40	1,071.52	950.98	120.55	8.889	
17,600.00	11,698.92	17,541.22	11,760.90	61.60	59.81	-93.32	5,315.39	-219.49	1,071.60	949.99	121.61	8.812	
17,700.00	11,697.61	17,641.21	11,760.90	62.11	60.36	-93.39	5,415.38	-219.58	1,071.68	949.00	122.68	8.736	
17,800.00	11,696.30	17,741.20	11,760.90	62.63	60.92	-93.45	5,515.37	-219.67	1,071.76	948.00	123.76	8.660	
17,900.00	11,695.00	17,841.19	11,760.90	63.16	61.48	-93.52	5,615.37	-219.75	1,071.84	946.99	124.85	8.585	
18,000.00	11,693.69	17,941.18	11,760.90	63.69	62.04	-93.59	5,715.36	-219.84	1,071.92	945.98	125.95	8.511	
18,100.00	11,692.38	18,041.18	11,760.90	64.23	62.61	-93.66	5,815.35	-219.93	1,072.00	944.95	127.05	8.437	
18,200.00	11,691.07	18,141.17	11,760.90	64.77	63.19	-93.73	5,915.34	-220.02	1,072.09	943.92	128.17	8.365	
18,300.00	11,689.76	18,241.16	11,760.90	65.31	63.77	-93.80	6,015.33	-220.11	1,072.18	942.88	129.29	8.293	
18,400.00	11,688.45	18,341.15	11,760.90	65.86	64.35	-93.87	6,115.32	-220.20	1,072.27	941.84	130.43	8.221	
18,500.00	11,687.14	18,441.14	11,760.90	66.41	64.93	-93.94	6,215.31	-220.29	1,072.36	940.79	131.57	8.151	
18,600.00	11,685.83	18,541.13	11,760.90	66.97	65.52	-94.01	6,315.31	-220.37	1,072.45	939.73	132.72	8.081	
18,700.00	11,684.52	18,641.12	11,760.90	67.53	66.12	-94.08	6,415.30	-220.46	1,072.54	938.67	133.87	8.012	
18,800.00	11,683.22	18,741.12	11,760.90	68.10	66.71	-94.15	6,515.29	-220.55	1,072.64	937.60	135.04	7.943	
18,900.00	11,681.91	18,841.11	11,760.90	68.67	67.31	-94.22	6,615.28	-220.64	1,072.73	936.52	136.21	7.876	
19,000.00	11,680.60	18,941.10	11,760.90	69.24	67.92	-94.29	6,715.27	-220.73	1,072.83	935.44	137.39	7.809	
19,100.00	11,679.29	19,041.09	11,760.90	69.82	68.53	-94.36	6,815.26	-220.82	1,072.93	934.36	138.57	7.743	
19,200.00	11,677.98	19,141.08	11,760.90	70.40	69.14	-94.43	6,915.25	-220.90	1,073.03	933.27	139.77	7.677	
19,300.00	11,676.67	19,241.07	11,760.90	70.98	69.75	-94.50	7,015.25	-220.99	1,073.14	932.17	140.97	7.613	
19,400.00	11,675.36	19,341.06	11,760.90	71.57	70.36	-94.57	7,115.24	-221.08	1,073.24	931.07	142.17	7.549	
19,500.00	11,674.05	19,441.06	11,760.90	72.16	70.98	-94.64	7,215.23	-221.17	1,073.35	929.97	143.38	7.486	
19,600.00	11,672.74	19,541.05	11,760.90	72.76	71.61	-94.71	7,315.22	-221.26	1,073.46	928.86	144.60	7.424	
19,700.00	11,671.43	19,641.04	11,760.90	73.36	72.23	-94.78	7,415.21	-221.35	1,073.57	927.74	145.82	7.362	
19,800.00	11,670.13	19,741.03	11,760.90	73.96	72.86	-94.85	7,515.20	-221.44	1,073.68	926.62	147.05	7.301	
19,900.00	11,668.82	19,841.02	11,760.90	74.56	73.49	-94.92	7,615.19	-221.52	1,073.79	925.50	148.29	7.241	
20,000.00	11,667.51	19,941.01	11,760.90	75.17	74.12	-94.99	7,715.19	-221.61	1,073.90	924.37	149.53	7.182	
20,100.00	11,666.20	20,041.00	11,760.90	75.78	74.76	-95.06	7,815.18	-221.70	1,074.02	923.24	150.78	7.123	
20,200.00	11,664.89	20,141.00	11,760.90	76.39	75.39	-95.13	7,915.17	-221.79	1,074.14	922.11	152.03	7.065	
20,300.00	11,663.58	20,240.99	11,760.90	77.00	76.03	-95.20	8,015.16	-221.88	1,074.26	920.97	153.28	7.008	
20,400.00	11,662.27	20,340.98	11,760.90	77.62	76.67	-95.27	8,115.15	-221.97	1,074.38	919.83	154.55	6.952	
20,500.00	11,660.96	20,440.97	11,760.90	78.24	77.32	-95.34	8,215.14	-222.05	1,074.50	918.69	155.81	6.896	
20,600.00	11,659.65	20,540.96	11,760.90	78.86	77.97	-95.41	8,315.13	-222.14	1,074.62	917.54	157.08	6.841	
20,700.00	11,658.34	20,640.95	11,760.90	79.49	78.61	-95.48	8,415.13	-222.23	1,074.75	916.39	158.36	6.787	
20,800.00	11,657.04	20,740.94	11,760.90	80.12	79.27	-95.54	8,515.12	-222.32	1,074.88	915.24	159.64	6.733	
20,900.00	11,655.73	20,840.94	11,760.90	80.75	79.92	-95.61	8,615.11	-222.41	1,075.00	914.08	160.92	6.680	
21,000.00	11,654.42	20,940.93	11,760.90	81.38	80.57	-95.68	8,715.10	-222.50	1,075.13	912.92	162.21	6.628	
21,100.00	11,653.11	21,040.92	11,760.90	82.02	81.23	-95.75	8,815.09	-222.59	1,075.27	911.76	163.51	6.576	
21,200.00	11,651.80	21,140.91	11,760.90	82.65	81.89	-95.82	8,915.08	-222.67	1,075.40	910.60	164.80	6.525	
21,300.00	11,650.49	21,240.90	11,760.90	83.29	82.55	-95.89	9,015.07	-222.76	1,075.53	909.43	166.10	6.475	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 605H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3720.90usft (H&P 313)
Reference Site:	Gouda Federal Com	MD Reference:	RKB @ 3720.90usft (H&P 313)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	605H	Survey Calculation Method:	Minimum Curvature
Well Error:	1.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ST01 / 67826	Database:	USA Compass
Reference Design:	Plan 2 05-25-21	Offset TVD Reference:	Reference Datum

Offset Design: Gouda Federal Com - 604H - OH / 67825 - Plan 1 04-26-21												Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IFR1+MS												Offset Well Error:	1.00 usft
Reference	Offset	Semi Major Axis	Highside	Offset Wellbore Centre		Rule Assigned:		Distance		Minimum	Separation	Warning	
Measured	Vertical	Measured	Vertical	Reference	Offset	Toolface	+N/-S	+E/-W	Between	Between	Separation	Factor	
Depth	Depth	Depth	Depth			(°)	(usft)	(usft)	Centres	Ellipses	(usft)		
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)				(usft)	(usft)	(usft)		
21,400.00	11,649.18	21,340.89	11,760.90	83.93	83.21	-95.96	9,115.06	-222.85	1,075.67	908.26	167.41	6.425	
21,500.00	11,647.87	21,440.88	11,760.90	84.58	83.88	-96.03	9,215.06	-222.94	1,075.81	907.09	168.72	6.376	
21,600.00	11,646.56	21,540.88	11,760.90	85.22	84.54	-96.10	9,315.05	-223.03	1,075.95	905.92	170.03	6.328	
21,700.00	11,645.26	21,640.87	11,760.90	85.87	85.21	-96.17	9,415.04	-223.12	1,076.09	904.74	171.35	6.280	
21,800.00	11,643.95	21,740.86	11,760.90	86.52	85.88	-96.24	9,515.03	-223.21	1,076.23	903.56	172.67	6.233	
21,900.00	11,642.64	21,840.85	11,760.90	87.17	86.55	-96.31	9,615.02	-223.29	1,076.38	902.38	173.99	6.186	
21,983.82	11,641.54	21,920.85	11,760.90	87.72	87.09	-96.36	9,695.02	-223.36	1,076.51	901.43	175.07	6.149 SF	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 605H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3720.90usft (H&P 313)
Reference Site:	Gouda Federal Com	MD Reference:	RKB @ 3720.90usft (H&P 313)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	605H	Survey Calculation Method:	Minimum Curvature
Well Error:	1.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ST01 / 67826	Database:	USA Compass
Reference Design:	Plan 2 05-25-21	Offset TVD Reference:	Reference Datum

Offset Design: Gouda Federal Com - 604H - OH / 67825 - Surveys (H&P 313)

Offset Site Error: 0.00 usft

Offset Well Error: 1.00 usft

Survey Program: 133-MWD+IFR1+MS		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned: Distance Between		Minimum Separation (usft)	Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
0.00	0.00	0.00	1.10	1.00	1.00	-90.29	-0.31	-59.99	60.00				
100.00	100.00	99.02	100.11	1.15	1.08	-141.79	0.24	-59.90	60.02	57.81	2.21	27.213	
200.00	200.00	199.06	200.15	1.67	1.60	-140.68	1.69	-59.64	60.14	57.03	3.11	19.326	
300.00	300.00	299.07	300.14	2.54	2.55	-118.20	3.34	-59.35	60.27	55.57	4.70	12.824	
400.00	400.00	399.03	400.08	3.53	3.40	-97.45	5.16	-59.05	60.25	54.01	6.24	9.659	
459.75	459.74	458.74	459.78	3.74	3.89	-94.37	6.33	-58.90	60.24	53.48	6.75	8.918	
500.00	499.99	498.96	500.00	3.88	4.23	-92.85	7.16	-58.82	60.24	53.14	7.10	8.484	
600.00	599.98	599.10	600.11	4.12	4.59	-114.35	9.11	-58.56	60.43	52.82	7.61	7.944	
700.00	699.98	699.21	700.21	4.36	4.82	-98.09	10.88	-58.07	60.52	52.46	8.06	7.513	
795.50	795.47	794.61	795.59	4.71	5.16	-100.63	12.52	-57.60	60.40	51.74	8.66	6.974	
800.00	799.97	799.10	800.09	4.72	5.17	-100.75	12.59	-57.58	60.39	51.70	8.69	6.949	
900.00	899.96	899.05	900.03	5.05	5.70	-134.39	13.80	-57.32	60.63	50.95	9.68	6.264 ES	
1,000.00	999.94	999.09	1,000.06	5.30	6.66	168.03	13.11	-57.25	62.27	50.99	11.29	5.517	
1,100.00	1,099.80	1,098.99	1,099.92	5.53	7.63	156.95	10.38	-57.32	67.02	54.31	12.71	5.273 SF	
1,200.00	1,199.62	1,198.58	1,199.43	5.77	8.43	153.97	6.43	-57.59	72.38	58.77	13.61	5.317	
1,300.00	1,299.45	1,297.58	1,298.07	6.01	9.42	147.61	-1.75	-58.78	78.53	64.12	14.40	5.451	
1,400.00	1,399.28	1,396.52	1,396.25	6.26	10.29	141.87	-13.79	-60.83	85.93	70.59	15.35	5.600	
1,500.00	1,499.12	1,496.25	1,495.17	6.52	10.63	138.02	-26.34	-62.86	94.28	78.12	16.16	5.834	
1,600.00	1,598.96	1,595.38	1,593.50	6.79	10.82	135.48	-38.83	-64.49	102.96	86.10	16.86	6.107	
1,700.00	1,698.80	1,694.93	1,692.26	7.07	11.02	133.88	-51.16	-66.39	112.58	95.07	17.51	6.428	
1,800.00	1,798.65	1,794.89	1,791.47	7.39	11.23	133.04	-63.33	-67.84	122.27	104.11	18.16	6.733	
1,900.00	1,898.49	1,894.70	1,890.54	7.82	11.45	132.63	-75.38	-68.80	131.97	113.22	18.76	7.036	
2,000.00	1,998.33	1,995.01	1,990.16	8.37	11.68	133.02	-87.18	-69.34	141.72	122.35	19.37	7.316	
2,100.00	2,098.16	2,094.00	2,088.50	8.95	11.91	133.48	-98.51	-69.35	151.46	131.51	19.95	7.591	
2,200.00	2,197.94	2,190.89	2,184.66	9.49	12.16	132.59	-110.36	-69.88	162.99	142.44	20.54	7.934	
2,300.00	2,297.61	2,289.52	2,282.41	9.99	12.42	130.75	-123.41	-70.98	176.65	155.51	21.14	8.356	
2,400.00	2,397.16	2,382.04	2,374.05	10.34	12.68	124.75	-135.69	-74.18	192.85	171.15	21.70	8.886	
2,500.00	2,496.51	2,479.94	2,470.93	10.68	12.96	120.56	-148.67	-79.63	210.88	188.57	22.31	9.452	
2,600.00	2,595.78	2,579.26	2,569.23	11.01	13.23	123.73	-161.76	-85.04	229.17	206.26	22.90	10.006	
2,700.00	2,695.02	2,678.87	2,667.91	11.34	13.56	119.43	-174.41	-90.18	247.33	223.73	23.59	10.483	
2,800.00	2,794.12	2,779.63	2,767.81	11.69	13.89	113.62	-186.55	-95.10	263.44	239.13	24.31	10.837	
2,900.00	2,893.09	2,883.03	2,870.44	12.03	14.18	117.43	-198.62	-98.64	278.76	253.78	24.98	11.160	
3,000.00	2,991.97	2,984.74	2,971.49	12.39	14.46	111.98	-209.96	-100.72	292.91	267.30	25.61	11.437	
3,100.00	3,090.57	3,084.34	3,070.51	12.78	14.74	111.27	-220.56	-102.47	305.43	279.19	26.24	11.641	
3,200.00	3,189.22	3,183.24	3,168.88	13.13	15.02	112.59	-230.57	-104.38	318.30	291.46	26.84	11.859	
3,300.00	3,287.77	3,283.26	3,268.39	13.48	15.31	109.12	-240.54	-106.34	330.78	303.33	27.45	12.051	
3,400.00	3,386.10	3,385.29	3,369.95	13.83	15.60	111.13	-250.28	-107.76	342.31	314.25	28.07	12.196	
3,500.00	3,484.44	3,487.02	3,471.26	14.16	15.90	115.94	-259.51	-108.35	353.86	325.18	28.68	12.337	
3,600.00	3,582.84	3,584.10	3,567.97	14.49	16.19	119.63	-267.75	-108.87	366.04	336.76	29.28	12.501	
3,700.00	3,681.12	3,678.48	3,661.94	14.84	16.48	122.55	-276.55	-110.05	380.27	350.39	29.88	12.728	
3,800.00	3,778.89	3,784.07	3,766.93	15.24	16.84	121.21	-287.75	-110.93	395.96	365.37	30.58	12.947	
3,900.00	3,876.16	3,883.30	3,865.51	15.64	17.32	126.62	-299.01	-109.85	411.90	380.55	31.35	13.140	
4,000.00	3,973.22	3,980.99	3,962.35	16.08	17.81	126.04	-311.79	-108.36	429.02	396.89	32.14	13.350	
4,100.00	4,070.15	4,077.18	4,057.54	16.52	18.27	125.46	-325.49	-106.84	446.36	413.49	32.87	13.580	
4,200.00	4,167.32	4,173.29	4,152.61	16.98	18.73	124.87	-339.56	-105.73	463.26	429.67	33.59	13.791	
4,300.00	4,264.87	4,272.00	4,250.22	17.41	19.06	124.63	-354.26	-104.63	478.94	444.68	34.26	13.979	
4,400.00	4,362.56	4,351.14	4,328.38	17.79	19.36	122.47	-366.62	-105.21	496.20	461.34	34.86	14.234	
4,500.00	4,460.80	4,449.20	4,425.12	18.21	19.72	116.77	-382.26	-108.44	512.47	476.84	35.62	14.386	
4,600.00	4,559.38	4,550.75	4,525.56	18.59	20.04	118.52	-396.91	-111.59	527.14	490.82	36.32	14.512	
4,700.00	4,658.16	4,650.00	4,623.94	18.95	20.35	119.87	-409.74	-114.54	540.88	503.89	36.99	14.622	
4,800.00	4,757.04	4,650.00	4,623.94	19.33	20.35	122.89	-409.74	-114.54	563.80	527.40	36.40	15.488	
4,900.00	4,855.98	4,650.00	4,623.94	19.69	20.35	125.92	-409.74	-114.54	603.02	567.95	35.06	17.197	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 605H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3720.90usft (H&P 313)
Reference Site:	Gouda Federal Com	MD Reference:	RKB @ 3720.90usft (H&P 313)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	605H	Survey Calculation Method:	Minimum Curvature
Well Error:	1.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ST01 / 67826	Database:	USA Compass
Reference Design:	Plan 2 05-25-21	Offset TVD Reference:	Reference Datum

Offset Design: Gouda Federal Com - 604H - OH / 67825 - Surveys (H&P 313)

Offset Site Error: 0.00 usft

Offset Well Error: 1.00 usft

Survey Program: 133-MWD+IFR1+MS		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned: Distance		Minimum Separation (usft)	Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
5,000.00	4,954.93	4,650.00	4,623.94	20.04	20.35	127.83	-409.74	-114.54	655.71	622.35	33.36	19.656	
5,100.00	5,053.83	4,650.00	4,623.94	20.38	20.35	131.46	-409.74	-114.54	718.98	687.39	31.59	22.759	
5,200.00	5,152.66	4,650.00	4,623.94	20.72	20.35	127.13	-409.74	-114.54	790.23	760.30	29.93	26.400	
5,300.00	5,251.38	4,650.00	4,623.94	21.07	20.35	116.88	-409.74	-114.54	866.46	838.03	28.43	30.473	
5,400.00	5,350.06	4,650.00	4,623.94	21.43	20.35	119.55	-409.74	-114.54	946.65	919.53	27.12	34.906	
5,500.00	5,448.81	4,650.00	4,623.94	21.77	20.35	123.03	-409.74	-114.54	1,030.59	1,004.58	26.01	39.625	
5,600.00	5,547.70	4,650.00	4,623.94	22.12	20.35	125.68	-409.74	-114.54	1,117.14	1,092.07	25.07	44.558	
5,700.00	5,646.74	4,650.00	4,623.94	22.46	20.35	128.97	-409.74	-114.54	1,205.69	1,181.40	24.29	49.644	
5,800.00	5,745.81	4,650.00	4,623.94	22.83	20.35	130.10	-409.74	-114.54	1,296.01	1,272.37	23.64	54.823	
5,900.00	5,844.62	4,650.00	4,623.94	23.36	20.35	122.61	-409.74	-114.54	1,387.96	1,364.84	23.12	60.038	
6,000.00	5,942.95	4,650.00	4,623.94	23.86	20.35	117.66	-409.74	-114.54	1,481.24	1,458.54	22.70	65.244	
6,100.00	6,041.05	4,650.00	4,623.94	24.26	20.35	118.17	-409.74	-114.54	1,575.55	1,553.18	22.38	70.412	
6,200.00	6,139.07	4,650.00	4,623.94	24.61	20.35	120.36	-409.74	-114.54	1,670.69	1,648.57	22.12	75.522	
6,300.00	6,237.19	4,650.00	4,623.94	24.95	20.35	124.20	-409.74	-114.54	1,766.49	1,744.56	21.93	80.564	
6,400.00	6,335.47	4,650.00	4,623.94	25.30	20.35	125.87	-409.74	-114.54	1,862.67	1,840.90	21.77	85.544	
6,500.00	6,433.89	4,650.00	4,623.94	25.65	20.35	128.48	-409.74	-114.54	1,959.14	1,937.48	21.66	90.455	
6,600.00	6,532.39	4,650.00	4,623.94	26.01	20.35	120.99	-409.74	-114.54	2,055.83	2,034.26	21.58	95.285	
6,700.00	6,630.85	4,650.00	4,623.94	26.37	20.35	118.66	-409.74	-114.54	2,152.45	2,130.94	21.51	100.061	
6,800.00	6,729.45	4,650.00	4,623.94	26.72	20.35	120.57	-409.74	-114.54	2,249.31	2,227.84	21.47	104.746	
6,900.00	6,828.21	4,650.00	4,623.94	27.07	20.35	126.35	-409.74	-114.54	2,346.35	2,324.89	21.46	109.338	
7,000.00	6,927.17	4,650.00	4,623.94	27.42	20.35	131.18	-409.74	-114.54	2,443.58	2,422.11	21.47	113.824	
7,100.00	7,026.29	4,650.00	4,623.94	27.76	20.35	137.21	-409.74	-114.54	2,540.93	2,519.43	21.50	118.209	
7,200.00	7,125.51	4,650.00	4,623.94	28.11	20.35	138.97	-409.74	-114.54	2,638.45	2,616.90	21.54	122.478	
7,300.00	7,224.76	4,650.00	4,623.94	28.46	20.35	146.42	-409.74	-114.54	2,736.16	2,714.55	21.61	126.626	
7,400.00	7,324.04	4,650.00	4,623.94	28.80	20.35	141.47	-409.74	-114.54	2,834.02	2,812.33	21.69	130.658	
7,500.00	7,423.36	4,650.00	4,623.94	29.15	20.35	143.72	-409.74	-114.54	2,931.95	2,910.17	21.78	134.587	
7,600.00	7,522.65	4,650.00	4,623.94	29.50	20.35	142.09	-409.74	-114.54	3,030.05	3,008.15	21.89	138.397	
7,700.00	7,622.01	4,650.00	4,623.94	29.85	20.35	145.76	-409.74	-114.54	3,128.19	3,106.18	22.01	142.102	
7,800.00	7,721.42	4,650.00	4,623.94	30.20	20.35	138.32	-409.74	-114.54	3,226.36	3,204.22	22.14	145.706	
7,900.00	7,820.77	4,650.00	4,623.94	30.56	20.35	123.67	-409.74	-114.54	3,324.44	3,302.16	22.28	149.235	
8,000.00	7,920.17	4,650.00	4,623.94	30.91	20.35	124.66	-409.74	-114.54	3,422.50	3,400.09	22.42	152.668	
8,100.00	8,019.61	4,650.00	4,623.94	31.26	20.35	122.30	-409.74	-114.54	3,520.57	3,498.00	22.57	156.007	
8,200.00	8,119.02	4,650.00	4,623.94	31.60	20.35	123.30	-409.74	-114.54	3,618.75	3,596.02	22.73	159.234	
8,300.00	8,218.52	4,650.00	4,623.94	31.95	20.35	124.61	-409.74	-114.54	3,716.96	3,694.07	22.89	162.361	
8,400.00	8,318.02	4,650.00	4,623.94	32.30	20.35	120.67	-409.74	-114.54	3,815.24	3,792.17	23.07	165.387	
8,500.00	8,417.56	4,650.00	4,623.94	32.64	20.35	119.37	-409.74	-114.54	3,913.45	3,890.20	23.25	168.330	
8,600.00	8,517.20	4,650.00	4,623.94	32.98	20.35	121.77	-409.74	-114.54	4,011.60	3,988.17	23.43	171.183	
8,700.00	8,616.90	4,650.00	4,623.94	33.33	20.35	117.35	-409.74	-114.54	4,109.76	4,086.13	23.63	173.942	
8,800.00	8,716.65	4,650.00	4,623.94	33.67	20.35	115.50	-409.74	-114.54	4,207.81	4,183.99	23.82	176.621	
8,900.00	8,816.50	4,650.00	4,623.94	34.02	20.35	114.24	-409.74	-114.54	4,305.75	4,281.72	24.03	179.213	
9,000.00	8,916.40	4,650.00	4,623.94	34.35	20.35	106.88	-409.74	-114.54	4,403.60	4,379.37	24.23	181.718	
9,100.00	9,016.36	4,650.00	4,623.94	34.68	20.35	91.88	-409.74	-114.54	4,501.30	4,476.85	24.44	184.141	
9,200.00	9,116.33	4,650.00	4,623.94	34.99	20.35	77.09	-409.74	-114.54	4,598.91	4,574.25	24.66	186.476	
9,300.00	9,216.31	4,650.00	4,623.94	35.30	20.35	63.24	-409.74	-114.54	4,696.54	4,671.66	24.89	188.717	
9,400.00	9,316.31	4,650.00	4,623.94	35.61	20.35	4.93	-409.74	-114.54	4,794.29	4,769.17	25.12	190.859	
9,500.00	9,416.31	4,650.00	4,623.94	35.94	20.35	-36.20	-409.74	-114.54	4,892.17	4,866.81	25.36	192.912	
9,600.00	9,516.31	4,650.00	4,623.94	36.27	20.35	159.73	-409.74	-114.54	4,990.15	4,964.55	25.60	194.894	
9,700.00	9,616.29	4,650.00	4,623.94	36.62	20.35	145.31	-409.74	-114.54	5,088.46	5,062.60	25.86	196.778	
9,800.00	9,716.28	4,650.00	4,623.94	36.99	20.35	153.54	-409.74	-114.54	5,186.90	5,160.78	26.12	198.584	
9,900.00	9,816.27	4,650.00	4,623.94	37.33	20.35	146.88	-409.74	-114.54	5,285.37	5,258.99	26.38	200.321	
10,000.00	9,916.24	4,650.00	4,623.94	37.66	20.35	133.37	-409.74	-114.54	5,383.93	5,357.27	26.65	201.992	
10,100.00	10,016.21	4,650.00	4,623.94	38.02	20.35	131.50	-409.74	-114.54	5,482.55	5,455.62	26.93	203.591	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 605H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3720.90usft (H&P 313)
Reference Site:	Gouda Federal Com	MD Reference:	RKB @ 3720.90usft (H&P 313)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	605H	Survey Calculation Method:	Minimum Curvature
Well Error:	1.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ST01 / 67826	Database:	USA Compass
Reference Design:	Plan 2 05-25-21	Offset TVD Reference:	Reference Datum

Offset Design: Gouda Federal Com - 604H - OH / 67825 - Surveys (H&P 313)

Offset Site Error: 0.00 usft

Offset Well Error: 1.00 usft

Survey Program: 133-MWD+HFR1+MS		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned:		Minimum Separation (usft)	Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
10,200.00	10,116.19	4,650.00	4,623.94	38.38	20.35	134.72	-409.74	-114.54	5,581.18	5,553.97	27.21	205.131	
10,300.00	10,216.18	4,650.00	4,623.94	38.73	20.35	94.08	-409.74	-114.54	5,679.77	5,652.28	27.49	206.614	
10,400.00	10,316.15	4,650.00	4,623.94	39.06	20.35	92.01	-409.74	-114.54	5,778.26	5,750.48	27.77	208.042	
10,500.00	10,416.12	4,650.00	4,623.94	39.38	20.35	69.80	-409.74	-114.54	5,876.79	5,848.72	28.06	209.407	
10,600.00	10,516.05	4,650.00	4,623.94	39.70	20.35	43.76	-409.74	-114.54	5,975.06	5,946.71	28.35	210.732	
10,700.00	10,615.97	4,650.00	4,623.94	40.02	20.35	21.51	-409.74	-114.54	6,073.13	6,044.48	28.65	212.004	
10,800.00	10,715.90	4,650.00	4,623.94	40.33	20.35	31.60	-409.74	-114.54	6,171.24	6,142.30	28.94	213.212	
10,900.00	10,815.84	4,650.00	4,623.94	40.64	20.35	34.83	-409.74	-114.54	6,269.50	6,240.25	29.25	214.363	
11,000.00	10,915.78	4,650.00	4,623.94	40.96	20.35	56.23	-409.74	-114.54	6,367.93	6,338.37	29.56	215.456	
11,100.00	11,015.67	4,650.00	4,623.94	41.28	20.35	75.34	-409.74	-114.54	6,466.57	6,436.71	29.87	216.496	
11,200.00	11,115.49	4,650.00	4,623.94	41.64	20.35	83.95	-409.74	-114.54	6,565.36	6,535.17	30.20	217.422	
11,300.00	11,215.44	4,650.00	4,623.94	42.40	20.35	-66.46	-409.74	-114.54	6,664.24	6,633.68	30.56	218.093	
11,400.00	11,314.29	4,650.00	4,623.94	43.44	20.35	-26.78	-409.74	-114.54	6,761.59	6,730.70	30.89	218.873	
11,500.00	11,408.47	4,650.00	4,623.94	44.37	20.35	-16.87	-409.74	-114.54	6,853.49	6,821.97	31.52	217.399	
11,600.00	11,494.30	4,650.00	4,623.94	45.62	20.35	-12.16	-409.74	-114.54	6,936.63	6,904.02	32.61	212.701	
11,700.00	11,568.79	4,650.00	4,623.94	46.63	20.35	-10.38	-409.74	-114.54	7,008.80	6,974.87	33.94	206.532	
11,800.00	11,632.71	4,650.00	4,623.94	47.17	20.35	-9.46	-409.74	-114.54	7,071.76	7,036.88	34.88	202.746	
11,900.00	11,685.11	4,650.00	4,623.94	47.51	20.35	-8.59	-409.74	-114.54	7,124.23	7,088.34	35.89	198.508	
12,000.00	11,724.52	4,650.00	4,623.94	47.79	20.35	-8.10	-409.74	-114.54	7,164.16	7,127.16	37.00	193.619	
12,100.00	11,752.95	4,650.00	4,623.94	47.92	20.35	-7.80	-409.74	-114.54	7,193.93	7,155.94	37.99	189.370	
12,200.00	11,764.14	4,650.00	4,623.94	47.98	20.35	-7.48	-409.74	-114.54	7,208.46	7,169.05	39.40	182.935	
12,300.00	11,765.47	4,650.00	4,623.94	51.47	20.35	-7.16	-409.74	-114.54	7,215.32	7,175.36	39.97	180.525	
12,400.00	11,766.78	4,650.00	4,623.94	51.50	20.35	-7.21	-409.74	-114.54	7,224.24	7,184.21	40.03	180.471	
12,500.00	11,765.66	4,650.00	4,623.94	51.52	20.35	-7.23	-409.74	-114.54	7,231.98	7,191.90	40.08	180.436	
12,600.00	11,764.36	4,650.00	4,623.94	51.55	20.35	-7.23	-409.74	-114.54	7,240.89	7,200.72	40.17	180.274	
12,700.00	11,763.06	4,650.00	4,623.94	51.58	20.35	-7.27	-409.74	-114.54	7,251.16	7,210.88	40.29	179.986	
12,800.00	11,761.75	4,650.00	4,623.94	51.62	20.35	-7.53	-409.74	-114.54	7,262.51	7,222.07	40.44	179.580	
12,900.00	11,760.44	4,650.00	4,623.94	51.65	20.35	-7.73	-409.74	-114.54	7,274.77	7,234.14	40.63	179.051	
13,000.00	11,759.13	4,650.00	4,623.94	51.68	20.35	-7.73	-409.74	-114.54	7,288.26	7,247.41	40.85	178.404	
13,100.00	11,757.83	4,650.00	4,623.94	51.71	20.35	-7.73	-409.74	-114.54	7,303.09	7,261.98	41.11	177.642	
13,200.00	11,756.52	4,650.00	4,623.94	51.74	20.35	-7.73	-409.74	-114.54	7,319.26	7,277.86	41.40	176.785	
13,300.00	11,755.21	4,650.00	4,623.94	51.78	20.35	-7.73	-409.74	-114.54	7,336.76	7,295.03	41.72	175.841	
13,400.00	11,753.90	4,650.00	4,623.94	51.81	20.35	-7.73	-409.74	-114.54	7,355.57	7,313.50	42.07	174.821	
13,500.00	11,752.59	4,650.00	4,623.94	51.85	20.35	-7.73	-409.74	-114.54	7,375.69	7,333.24	42.45	173.733	
13,600.00	11,751.28	4,650.00	4,623.94	51.89	20.35	-7.73	-409.74	-114.54	7,397.11	7,354.25	42.86	172.588	
13,700.00	11,749.97	4,650.00	4,623.94	51.92	20.35	-7.73	-409.74	-114.54	7,419.82	7,376.53	43.29	171.394	
13,800.00	11,748.66	4,650.00	4,623.94	51.96	20.35	-7.73	-409.74	-114.54	7,443.80	7,400.05	43.75	170.162	
13,900.00	11,747.35	4,650.00	4,623.94	52.00	20.35	-7.73	-409.74	-114.54	7,469.04	7,424.82	44.22	168.899	
14,000.00	11,746.05	4,650.00	4,623.94	52.05	20.35	-7.73	-409.74	-114.54	7,495.53	7,450.81	44.72	167.615	
14,100.00	11,744.74	4,650.00	4,623.94	52.09	20.35	-7.73	-409.74	-114.54	7,523.26	7,478.02	45.23	166.317	
14,200.00	11,743.43	4,650.00	4,623.94	52.13	20.35	-7.73	-409.74	-114.54	7,552.21	7,506.44	45.77	165.013	
14,300.00	11,742.12	4,650.00	4,623.94	52.18	20.35	-7.73	-409.74	-114.54	7,582.37	7,536.05	46.32	163.709	
14,400.00	11,740.81	4,650.00	4,623.94	52.22	20.35	-7.73	-409.74	-114.54	7,613.72	7,566.84	46.88	162.412	
14,500.00	11,739.50	4,650.00	4,623.94	52.27	20.35	-7.73	-409.74	-114.54	7,646.25	7,598.79	47.45	161.127	
14,600.00	11,738.19	4,650.00	4,623.94	52.32	20.35	-7.73	-409.74	-114.54	7,679.94	7,631.90	48.04	159.860	
14,700.00	11,736.88	4,650.00	4,623.94	52.37	20.35	-7.73	-409.74	-114.54	7,714.79	7,666.15	48.64	158.614	
14,800.00	11,735.57	4,650.00	4,623.94	52.42	20.35	-7.73	-409.74	-114.54	7,750.77	7,701.52	49.24	157.393	
14,900.00	11,734.26	4,650.00	4,623.94	52.47	20.35	-7.73	-409.74	-114.54	7,787.86	7,738.01	49.86	156.201	
15,000.00	11,732.96	4,650.00	4,623.94	52.52	20.35	-7.73	-409.74	-114.54	7,826.06	7,775.58	50.48	155.041	
15,100.00	11,731.65	4,650.00	4,623.94	52.57	20.35	-7.73	-409.74	-114.54	7,865.35	7,814.24	51.10	153.914	
15,200.00	11,730.34	4,650.00	4,623.94	52.63	20.35	-7.73	-409.74	-114.54	7,905.70	7,853.97	51.73	152.823	
15,300.00	11,729.03	4,650.00	4,623.94	52.68	20.35	-7.73	-409.74	-114.54	7,947.11	7,894.74	52.36	151.769	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 605H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3720.90usft (H&P 313)
Reference Site:	Gouda Federal Com	MD Reference:	RKB @ 3720.90usft (H&P 313)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	605H	Survey Calculation Method:	Minimum Curvature
Well Error:	1.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ST01 / 67826	Database:	USA Compass
Reference Design:	Plan 2 05-25-21	Offset TVD Reference:	Reference Datum

Offset Design:Gouda Federal Com - 604H - OH / 67825 - Surveys (H&P 313)													Offset Site Error:	0.00 usft	
Survey Program:		133-MWD+IFR1+MS		Offset		Semi Major Axis		Offset Wellbore Centre		Rule Assigned:				Offset Well Error:	1.00 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
15,400.00	11,727.72	4,650.00	4,623.94	52.74	20.35	-7.73	-409.74	-114.54	7,989.55	7,936.55	53.00	150.753			
15,500.00	11,726.41	4,650.00	4,623.94	52.81	20.35	-7.73	-409.74	-114.54	8,033.02	7,979.38	53.63	149.777			
15,600.00	11,725.10	4,650.00	4,623.94	52.89	20.35	-7.73	-409.74	-114.54	8,077.49	8,023.22	54.27	148.840			
15,700.00	11,723.79	4,650.00	4,623.94	53.06	20.35	-7.73	-409.74	-114.54	8,122.94	8,068.04	54.91	147.944			
15,800.00	11,722.48	4,650.00	4,623.94	53.38	20.35	-7.73	-409.74	-114.54	8,169.37	8,113.83	55.54	147.089			
15,900.00	11,721.17	4,650.00	4,623.94	53.76	20.35	-7.73	-409.74	-114.54	8,216.76	8,160.58	56.17	146.273			
16,000.00	11,719.87	4,650.00	4,623.94	54.16	20.35	-7.73	-409.74	-114.54	8,265.08	8,208.27	56.81	145.498			
16,100.00	11,718.56	4,650.00	4,623.94	54.57	20.35	-7.73	-409.74	-114.54	8,314.32	8,256.89	57.43	144.763			
16,200.00	11,717.25	4,650.00	4,623.94	54.99	20.35	-7.73	-409.74	-114.54	8,364.47	8,306.41	58.06	144.067			
16,300.00	11,715.94	4,650.00	4,623.94	55.42	20.35	-7.73	-409.74	-114.54	8,415.51	8,356.83	58.68	143.411			
16,400.00	11,714.63	4,650.00	4,623.94	55.85	20.35	-7.73	-409.74	-114.54	8,467.42	8,408.12	59.30	142.792			
16,500.00	11,713.32	4,650.00	4,623.94	56.30	20.35	-7.73	-409.74	-114.54	8,520.19	8,460.28	59.91	142.212			
16,600.00	11,712.01	4,650.00	4,623.94	56.75	20.35	-7.73	-409.74	-114.54	8,573.80	8,513.28	60.52	141.668			
16,700.00	11,710.70	4,650.00	4,623.94	57.20	20.35	-7.73	-409.74	-114.54	8,628.24	8,567.11	61.12	141.160			
16,800.00	11,709.39	4,650.00	4,623.94	57.67	20.35	-7.73	-409.74	-114.54	8,683.49	8,621.76	61.72	140.688			
16,900.00	11,708.09	4,650.00	4,623.94	58.14	20.35	-7.73	-409.74	-114.54	8,739.53	8,677.21	62.31	140.250			
17,000.00	11,706.78	4,650.00	4,623.94	58.61	20.35	-7.73	-409.74	-114.54	8,796.35	8,733.45	62.90	139.846			
17,100.00	11,705.47	4,650.00	4,623.94	59.10	20.35	-7.73	-409.74	-114.54	8,853.94	8,790.46	63.48	139.474			
17,200.00	11,704.16	4,650.00	4,623.94	59.59	20.35	-7.73	-409.74	-114.54	8,912.27	8,848.22	64.05	139.135			
17,300.00	11,702.85	4,650.00	4,623.94	60.08	20.35	-7.73	-409.74	-114.54	8,971.35	8,906.72	64.62	138.827			
17,400.00	11,701.54	4,650.00	4,623.94	60.58	20.35	-7.73	-409.74	-114.54	9,031.14	8,965.96	65.18	138.548			
17,500.00	11,700.23	4,650.00	4,623.94	61.08	20.35	-7.73	-409.74	-114.54	9,091.64	9,025.90	65.74	138.299			
17,600.00	11,698.92	4,650.00	4,623.94	61.60	20.35	-7.73	-409.74	-114.54	9,152.83	9,086.54	66.29	138.079			
17,700.00	11,697.61	4,650.00	4,623.94	62.11	20.35	-7.73	-409.74	-114.54	9,214.70	9,147.87	66.83	137.886			
17,800.00	11,696.30	4,650.00	4,623.94	62.63	20.35	-7.73	-409.74	-114.54	9,277.24	9,209.88	67.36	137.720			
17,900.00	11,695.00	4,650.00	4,623.94	63.16	20.35	-7.73	-409.74	-114.54	9,340.43	9,272.54	67.89	137.580			
18,000.00	11,693.69	4,650.00	4,623.94	63.69	20.35	-7.73	-409.74	-114.54	9,404.26	9,335.84	68.41	137.464			
18,100.00	11,692.38	4,650.00	4,623.94	64.23	20.35	-7.73	-409.74	-114.54	9,468.71	9,399.78	68.93	137.374			
18,200.00	11,691.07	4,650.00	4,623.94	64.77	20.35	-7.73	-409.74	-114.54	9,533.78	9,464.34	69.43	137.307			
18,300.00	11,689.76	4,650.00	4,623.94	65.31	20.35	-7.73	-409.74	-114.54	9,599.44	9,529.51	69.93	137.263			
18,400.00	11,688.45	4,650.00	4,623.94	65.86	20.35	-7.73	-409.74	-114.54	9,665.70	9,595.27	70.43	137.241			
18,500.00	11,687.14	4,650.00	4,623.94	66.41	20.35	-7.73	-409.74	-114.54	9,732.53	9,661.62	70.92	137.240			
18,600.00	11,685.83	4,650.00	4,623.94	66.97	20.35	-7.73	-409.74	-114.54	9,799.93	9,728.53	71.40	137.260			
18,700.00	11,684.52	4,650.00	4,623.94	67.53	20.35	-7.73	-409.74	-114.54	9,867.88	9,796.01	71.87	137.300			
18,800.00	11,683.22	4,650.00	4,623.94	68.10	20.35	-7.73	-409.74	-114.54	9,936.37	9,864.03	72.34	137.360			
18,900.00	11,681.91	4,650.00	4,623.94	68.67	20.35	-7.73	-409.74	-114.54	10,005.39	9,932.59	72.80	137.439			
19,000.00	11,680.60	4,650.00	4,623.94	69.24	20.35	-7.73	-409.74	-114.54	10,074.93	10,001.68	73.25	137.536			
19,100.00	11,679.29	4,650.00	4,623.94	69.82	20.35	-7.73	-409.74	-114.54	10,144.98	10,071.28	73.70	137.650			
19,200.00	11,677.98	4,650.00	4,623.94	70.40	20.35	-7.73	-409.74	-114.54	10,215.53	10,141.39	74.14	137.781			
19,300.00	11,676.67	4,650.00	4,623.94	70.98	20.35	-7.73	-409.74	-114.54	10,286.57	10,211.99	74.58	137.929			
19,400.00	11,675.36	4,650.00	4,623.94	71.57	20.35	-7.73	-409.74	-114.54	10,358.09	10,283.08	75.01	138.093			
19,500.00	11,674.05	4,650.00	4,623.94	72.16	20.35	-7.73	-409.74	-114.54	10,430.07	10,354.64	75.43	138.273			
19,600.00	11,672.74	4,650.00	4,623.94	72.76	20.35	-7.73	-409.74	-114.54	10,502.52	10,426.67	75.85	138.467			
19,700.00	11,671.43	4,650.00	4,623.94	73.36	20.35	-7.73	-409.74	-114.54	10,575.41	10,499.15	76.26	138.676			
19,800.00	11,670.13	4,650.00	4,623.94	73.96	20.35	-7.73	-409.74	-114.54	10,648.74	10,572.08	76.67	138.898			
19,900.00	11,668.82	4,650.00	4,623.94	74.56	20.35	-7.73	-409.74	-114.54	10,722.51	10,645.44	77.07	139.135			
20,000.00	11,667.51	4,650.00	4,623.94	75.17	20.35	-7.73	-409.74	-114.54	10,796.69	10,719.23	77.46	139.384			
20,100.00	11,666.20	4,650.00	4,623.94	75.78	20.35	-7.73	-409.74	-114.54	10,871.29	10,793.44	77.85	139.646			
20,200.00	11,664.89	4,650.00	4,623.94	76.39	20.35	-7.73	-409.74	-114.54	10,946.30	10,868.06	78.23	139.920			
20,300.00	11,663.58	4,650.00	4,623.94	77.00	20.35	-7.73	-409.74	-114.54	11,021.70	10,943.09	78.61	140.207			
20,400.00	11,662.27	4,650.00	4,623.94	77.62	20.35	-7.73	-409.74	-114.54	11,097.49	11,018.51	78.98	140.504			
20,500.00	11,660.96	4,650.00	4,623.94	78.24	20.35	-7.73	-409.74	-114.54	11,173.66	11,094.31	79.35	140.813			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 605H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3720.90usft (H&P 313)
Reference Site:	Gouda Federal Com	MD Reference:	RKB @ 3720.90usft (H&P 313)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	605H	Survey Calculation Method:	Minimum Curvature
Well Error:	1.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ST01 / 67826	Database:	USA Compass
Reference Design:	Plan 2 05-25-21	Offset TVD Reference:	Reference Datum

Offset Design: Gouda Federal Com - 604H - OH / 67825 - Surveys (H&P 313)

Survey Program:		133-MWD+IFR1+MS										Offset Site Error:		0.00 usft	
Reference		Offset		Semi Major Axis		Offset Wellbore Centre		Rule Assigned:				Offset Well Error:		1.00 usft	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
20,600.00	11,659.65	4,650.00	4,623.94	78.86	20.35	-7.73	-409.74	-114.54	11,250.21	11,170.49	79.71	141.132			
20,700.00	11,658.34	4,650.00	4,623.94	79.49	20.35	-7.73	-409.74	-114.54	11,327.12	11,247.04	80.07	141.462			
20,800.00	11,657.04	4,650.00	4,623.94	80.12	20.35	-7.73	-409.74	-114.54	11,404.38	11,323.96	80.42	141.802			
20,900.00	11,655.73	4,650.00	4,623.94	80.75	20.35	-7.73	-409.74	-114.54	11,482.00	11,401.23	80.77	142.152			
21,000.00	11,654.42	4,650.00	4,623.94	81.38	20.35	-7.73	-409.74	-114.54	11,559.97	11,478.85	81.12	142.511			
21,100.00	11,653.11	4,650.00	4,623.94	82.02	20.35	-7.73	-409.74	-114.54	11,638.27	11,556.81	81.46	142.879			
21,200.00	11,651.80	4,650.00	4,623.94	82.65	20.35	-7.73	-409.74	-114.54	11,716.90	11,635.11	81.79	143.256			
21,300.00	11,650.49	4,650.00	4,623.94	83.29	20.35	-7.73	-409.74	-114.54	11,795.85	11,713.73	82.12	143.642			
21,400.00	11,649.18	4,650.00	4,623.94	83.93	20.35	-7.73	-409.74	-114.54	11,875.12	11,792.68	82.45	144.036			
21,500.00	11,647.87	4,650.00	4,623.94	84.58	20.35	-7.73	-409.74	-114.54	11,954.70	11,871.94	82.77	144.438			
21,600.00	11,646.56	4,650.00	4,623.94	85.22	20.35	-7.73	-409.74	-114.54	12,034.59	11,951.51	83.08	144.847			
21,700.00	11,645.26	4,650.00	4,623.94	85.87	20.35	-7.73	-409.74	-114.54	12,114.78	12,031.38	83.40	145.264			
21,800.00	11,643.95	4,650.00	4,623.94	86.52	20.35	-7.73	-409.74	-114.54	12,195.25	12,111.55	83.71	145.688			
21,900.00	11,642.64	4,650.00	4,623.94	87.17	20.35	-7.73	-409.74	-114.54	12,276.02	12,192.01	84.01	146.120			
21,983.82	11,641.54	4,650.00	4,623.94	87.72	20.35	-7.73	-409.74	-114.54	12,343.93	12,259.67	84.27	146.487			

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 605H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3720.90usft (H&P 313)
Reference Site:	Gouda Federal Com	MD Reference:	RKB @ 3720.90usft (H&P 313)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	605H	Survey Calculation Method:	Minimum Curvature
Well Error:	1.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ST01 / 67826	Database:	USA Compass
Reference Design:	Plan 2 05-25-21	Offset TVD Reference:	Reference Datum

Offset Design: Gouda Federal Com - 605H - OH / 67826 - Surveys (H&P 313)													Offset Site Error:
Survey Program: 200-MWD+HFR1+MS													Offset Well Error:
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
12,266.00	11,766.52	12,265.96	11,765.19	0.00	0.00	-37.60	-16.12	819.95	1.68	1.68	0.00	N/A	
12,300.00	11,765.47	12,299.96	11,764.90	1.31	0.05	-62.85	17.87	820.60	1.25	1.02	0.23	5.524	
12,400.00	11,766.78	12,399.43	11,763.72	1.34	0.23	-71.98	117.33	820.16	9.94	9.32	0.62	16.081	
12,500.00	11,765.66	12,499.21	11,762.41	1.38	0.35	-79.48	217.08	818.61	17.95	17.51	0.45	40.169	
12,600.00	11,764.36	12,599.49	11,760.87	1.43	0.48	-81.64	317.35	818.94	24.13	23.95	0.18	132.235	
12,700.00	11,763.06	12,699.38	11,759.28	1.48	0.62	-82.45	417.21	820.63	28.94	28.58	0.35	81.627	
12,800.00	11,761.75	12,798.97	11,757.71	1.54	0.77	-82.87	516.79	821.19	32.62	32.04	0.57	56.796	
12,900.00	11,760.44	12,898.82	11,757.27	1.61	0.92	-84.49	616.64	821.48	33.09	32.20	0.89	37.104	
13,000.00	11,759.13	12,998.25	11,757.74	1.70	1.08	-87.65	716.05	820.15	34.21	32.99	1.23	27.838	
13,100.00	11,757.83	13,098.27	11,758.22	1.80	1.24	-90.61	816.05	817.93	36.32	34.70	1.62	22.422	
13,200.00	11,756.52	13,198.66	11,758.37	1.91	1.41	-92.82	916.42	816.66	37.55	35.52	2.03	18.503	
13,300.00	11,755.21	13,299.16	11,758.57	2.04	1.58	-95.12	1,016.92	816.48	37.74	35.26	2.49	15.187	
13,368.67	11,754.31	13,367.63	11,758.75	2.13	1.72	-96.84	1,085.39	817.00	37.28	34.50	2.78	13.422	
13,400.00	11,753.90	13,398.59	11,758.81	2.18	1.78	-97.54	1,116.36	816.87	37.44	34.55	2.88	12.994	
13,500.00	11,752.59	13,498.78	11,758.96	2.33	1.99	-99.45	1,216.54	815.67	38.75	35.38	3.37	11.484	
13,600.00	11,751.28	13,599.24	11,759.04	2.50	2.21	-101.60	1,316.99	816.02	38.58	34.65	3.93	9.807	
13,700.00	11,749.97	13,699.17	11,759.29	2.67	2.44	-104.22	1,416.92	816.92	37.96	33.48	4.48	8.469	
13,800.00	11,748.66	13,800.25	11,759.09	2.86	2.68	-106.70	1,517.98	818.83	36.35	31.12	5.23	6.946	
13,900.00	11,747.35	13,899.93	11,758.89	3.06	2.95	-110.33	1,617.60	822.37	33.25	27.34	5.91	5.628	
14,000.00	11,746.05	13,999.71	11,761.18	3.27	3.21	-119.01	1,717.27	826.16	31.22	24.30	6.92	4.510	
14,100.00	11,744.74	14,100.10	11,763.01	3.50	3.49	-128.63	1,817.54	830.49	29.30	21.14	8.16	3.592	
14,200.00	11,743.43	14,199.63	11,763.31	3.73	3.78	-135.38	1,917.03	833.65	27.95	18.88	9.06	3.084	
14,274.95	11,742.45	14,274.46	11,763.56	3.92	4.01	-139.55	1,991.83	835.22	27.75	17.98	9.77	2.841	
14,300.00	11,742.12	14,299.47	11,763.66	3.98	4.09	-140.86	2,016.84	835.67	27.77	17.77	10.00	2.778	
14,400.00	11,740.81	14,399.37	11,764.08	4.24	4.41	-145.50	2,116.73	837.12	28.23	17.33	10.91	2.589	
14,500.00	11,739.50	14,499.47	11,764.09	4.51	4.72	-148.81	2,216.83	838.14	28.74	16.91	11.83	2.430	
14,600.00	11,738.19	14,599.57	11,763.99	4.79	5.04	-153.58	2,316.90	840.11	28.81	16.01	12.80	2.251	
14,700.00	11,736.88	14,699.57	11,763.65	5.08	5.37	-157.49	2,416.89	841.76	28.98	15.25	13.73	2.111	
14,800.00	11,735.57	14,799.59	11,763.37	5.39	5.71	-162.92	2,516.88	844.22	29.08	14.40	14.68	1.981	
14,900.00	11,734.26	14,899.66	11,763.11	5.71	6.06	-169.54	2,616.90	847.35	29.33	13.73	15.61	1.880	
15,000.00	11,732.96	14,999.68	11,762.25	6.04	6.43	-175.35	2,716.87	850.20	29.39	12.94	16.45	1.787	
15,100.00	11,731.65	15,099.62	11,761.45	6.39	6.80	-179.41	2,816.79	852.19	29.81	12.52	17.29	1.725	
15,200.00	11,730.34	15,199.82	11,760.44	6.75	7.19	-176.93	2,916.97	854.03	30.14	11.83	18.31	1.646	
15,300.00	11,729.03	15,300.11	11,758.36	7.12	7.59	-172.10	3,017.21	856.39	29.62	10.30	19.32	1.533	
15,400.00	11,727.72	15,399.84	11,756.06	7.51	8.00	-168.77	3,116.91	857.87	28.90	9.09	19.80	1.459 Level 3	
15,400.51	11,727.71	15,400.35	11,756.05	7.52	8.00	-168.75	3,117.41	857.87	28.90	9.09	19.81	1.459 Level 3	
15,500.00	11,726.41	15,499.47	11,755.14	7.92	8.41	-166.38	3,216.51	859.11	29.56	9.37	20.19	1.464 Level 3	
15,600.00	11,725.10	15,599.69	11,754.30	8.34	8.83	-162.28	3,316.71	861.39	30.65	9.59	21.06	1.456 Level 3	
15,700.00	11,723.79	15,699.43	11,753.03	8.79	9.28	-157.34	3,416.40	864.18	31.68	10.43	21.25	1.491 Level 3	
15,800.00	11,722.48	15,799.86	11,751.65	9.26	9.74	-153.41	3,516.79	866.48	32.61	10.39	22.22	1.468 Level 3	
15,900.00	11,721.17	15,899.71	11,749.44	9.76	10.21	-148.34	3,616.58	869.23	33.21	10.82	22.39	1.483 Level 3	
16,000.00	11,719.87	15,999.92	11,746.77	10.31	10.72	-142.77	3,716.71	872.16	33.79	11.05	22.75	1.486 Level 3	
16,100.00	11,718.56	16,099.98	11,743.91	10.92	11.24	-137.67	3,816.70	874.72	34.30	11.31	22.99	1.492 Level 3	
16,200.00	11,717.25	16,200.25	11,741.21	11.70	11.79	-134.88	3,916.93	875.60	33.96	10.24	23.72	1.432 Level 3	
16,219.97	11,716.99	16,220.09	11,740.68	12.06	11.90	-134.32	3,936.75	875.79	33.92	10.19	23.74	1.429 Level 3	
16,300.00	11,715.94	16,299.72	11,738.49	13.58	12.39	-130.77	4,016.33	877.60	34.53	10.82	23.72	1.456 Level 3	
16,400.00	11,714.63	16,399.82	11,735.16	14.49	13.10	-124.73	4,116.32	880.97	36.02	12.16	23.86	1.509	
16,500.00	11,713.32	16,500.62	11,732.01	15.16	14.24	-121.18	4,217.07	882.16	36.10	11.57	24.54	1.471 Level 3	
16,600.00	11,712.01	16,600.85	11,728.95	15.75	15.55	-119.58	4,317.24	881.06	34.35	9.08	25.27	1.359 Level 3	
16,700.00	11,710.70	16,700.41	11,725.71	16.28	16.35	-116.74	4,416.74	880.89	33.35	7.49	25.86	1.290 Level 3	
16,800.00	11,709.39	16,800.81	11,722.29	16.79	17.06	-112.97	4,517.09	881.45	33.06	6.72	26.34	1.255 Level 3	
16,900.00	11,708.09	16,900.87	11,719.16	17.27	17.64	-111.06	4,617.08	879.71	30.85	3.74	27.11	1.138 Level 3	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 605H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3720.90usft (H&P 313)
Reference Site:	Gouda Federal Com	MD Reference:	RKB @ 3720.90usft (H&P 313)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	605H	Survey Calculation Method:	Minimum Curvature
Well Error:	1.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ST01 / 67826	Database:	USA Compass
Reference Design:	Plan 2 05-25-21	Offset TVD Reference:	Reference Datum

Offset Design: Gouda Federal Com - 605H - OH / 67826 - Surveys (H&P 313)

Offset Site Error: 0.00 usft

Offset Well Error: 1.00 usft

Survey Program: 200-MWD+IFR1+MS		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned: Distance Between Centres (usft)		Minimum Separation (usft)	Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Ellipses (usft)			
17,000.00	11,706.78	17,000.39	11,715.85	17.74	18.20	107.56	4,716.54	879.52	30.08	2.12	27.96	1.076 Level 3	
17,100.00	11,705.47	17,100.85	11,713.14	18.20	18.73	104.97	4,816.96	879.48	29.74	1.17	28.57	1.041 Level 3	
17,200.00	11,704.16	17,200.83	11,711.30	18.66	19.25	104.85	4,916.91	877.63	27.90	-1.70	29.60	0.943 Level 3	
17,300.00	11,702.85	17,300.57	11,709.38	19.10	19.75	104.09	5,016.63	876.63	26.86	-3.89	30.75	0.874 Level 3	
17,400.00	11,701.54	17,400.99	11,707.30	19.55	20.25	102.98	5,117.01	875.50	25.67	-5.76	31.43	0.817 Level 3	
17,500.00	11,700.23	17,500.40	11,705.62	19.99	20.73	102.72	5,216.40	874.26	24.46	-8.43	32.89	0.744 Level 3	
17,546.18	11,699.63	17,546.76	11,705.12	20.19	20.96	103.02	5,262.76	874.13	24.39	-8.87	33.26	0.733 Level 3	
17,600.00	11,698.92	17,600.83	11,704.47	20.43	21.22	103.51	5,316.82	873.43	23.77	-9.89	33.67	0.706 Level 3	
17,666.52	11,698.05	17,666.97	11,703.84	20.73	21.55	104.43	5,382.95	872.75	23.23	-11.49	34.72	0.669 Level 3, CC	
17,700.00	11,697.61	17,700.27	11,703.67	20.88	21.71	105.01	5,416.25	872.80	23.36	-11.87	35.23	0.663 Level 3	
17,800.00	11,696.30	17,800.04	11,703.52	21.32	22.22	106.87	5,516.02	873.92	24.84	-11.71	36.55	0.680 Level 3	
17,900.00	11,695.00	17,900.66	11,702.42	21.76	22.73	107.45	5,616.62	873.70	24.78	-12.57	37.35	0.663 Level 3	
17,920.82	11,694.72	17,921.28	11,702.17	21.86	22.84	107.56	5,637.24	873.59	24.70	-13.00	37.70	0.655 Level 3	
18,000.00	11,693.69	17,999.91	11,702.04	22.21	23.25	108.87	5,715.86	874.39	25.82	-13.14	38.96	0.663 Level 3	
18,100.00	11,692.38	18,100.12	11,701.81	22.66	23.77	109.77	5,816.06	876.12	27.88	-12.18	40.06	0.696 Level 3	
18,200.00	11,691.07	18,200.48	11,701.18	23.12	24.29	111.15	5,916.42	875.93	28.02	-13.18	41.20	0.680 Level 3	
18,300.00	11,689.76	18,300.07	11,701.25	23.58	24.80	113.20	6,016.00	876.49	29.15	-13.57	42.72	0.682 Level 3	
18,400.00	11,688.45	18,400.29	11,701.67	24.04	25.31	115.72	6,116.22	877.07	30.47	-13.70	44.17	0.690 Level 3	
18,500.00	11,687.14	18,500.60	11,702.25	24.50	25.81	119.49	6,216.52	876.25	30.70	-15.23	45.93	0.668 Level 3	
18,559.61	11,686.36	18,560.19	11,702.59	24.78	26.11	122.07	6,276.11	875.38	30.57	-16.57	47.13	0.649 Level 3	
18,600.00	11,685.83	18,600.28	11,702.76	24.97	26.31	123.39	6,316.20	875.13	30.76	-17.11	47.87	0.643 Level 3	
18,700.00	11,684.52	18,700.52	11,703.08	25.45	26.83	125.43	6,416.43	875.43	32.00	-17.51	49.52	0.646 Level 3	
18,800.00	11,683.22	18,800.75	11,703.82	25.93	27.35	130.75	6,516.63	873.19	31.57	-20.41	51.99	0.607 Level 3	
18,900.00	11,681.91	18,901.19	11,705.21	26.41	27.84	138.90	6,616.99	869.52	30.94	-24.43	55.37	0.559 Level 3	
18,981.25	11,680.84	18,982.16	11,706.44	26.81	28.23	148.26	6,697.82	864.95	30.10	-28.43	58.53	0.514 Level 3	
19,000.00	11,680.60	19,000.80	11,706.69	26.90	28.33	149.96	6,716.44	864.19	30.14	-28.94	59.09	0.510 Level 3	
19,100.00	11,679.29	19,101.53	11,707.11	27.39	28.84	158.50	6,817.07	859.97	29.92	-32.74	62.66	0.477 Level 3	
19,171.99	11,678.35	19,173.17	11,706.66	27.75	29.19	166.81	6,888.58	855.58	29.08	-35.61	64.69	0.450 Level 3	
19,200.00	11,677.98	19,200.95	11,706.76	27.89	29.32	170.12	6,916.31	853.93	29.21	-36.04	65.25	0.448 Level 3	
19,300.00	11,676.67	19,301.06	11,707.04	28.39	29.81	-178.89	7,016.26	848.25	30.38	-37.05	67.43	0.451 Level 3	
19,400.00	11,675.36	19,401.49	11,706.04	28.90	30.35	-172.71	7,116.62	844.82	30.93	-38.34	69.27	0.447 Level 3	
19,405.58	11,675.29	19,407.03	11,705.95	28.93	30.38	-172.59	7,122.16	844.76	30.93	-38.37	69.30	0.446 Level 3, ES, SF	
19,500.00	11,674.05	19,500.82	11,705.59	29.41	30.90	-171.05	7,215.94	843.69	31.93	-37.94	69.87	0.457 Level 3	
19,600.00	11,672.74	19,600.67	11,706.65	29.93	31.46	-172.35	7,315.78	844.02	34.21	-36.93	71.14	0.481 Level 3	
19,700.00	11,671.43	19,700.82	11,707.34	30.45	32.04	-172.70	7,415.93	843.89	36.20	-36.49	72.69	0.498 Level 3	
19,800.00	11,670.13	19,800.46	11,708.63	30.98	32.60	-171.34	7,515.55	842.54	38.95	-34.78	73.73	0.528 Level 3	
19,900.00	11,668.82	19,901.03	11,708.94	31.51	33.17	-171.42	7,616.11	842.26	40.58	-35.04	75.62	0.537 Level 3	
20,000.00	11,667.51	20,000.47	11,709.80	32.05	33.74	-171.16	7,715.54	841.65	42.80	-33.75	76.55	0.559 Level 3	
20,100.00	11,666.20	20,100.38	11,710.95	32.59	34.30	-169.84	7,815.43	840.12	45.46	-32.38	77.84	0.584 Level 3	
20,200.00	11,664.89	20,200.19	11,712.25	33.14	34.87	-167.82	7,915.21	837.83	48.46	-30.54	79.00	0.613 Level 3	
20,300.00	11,663.58	20,299.69	11,713.95	33.69	35.44	-166.48	8,014.67	835.85	51.82	-28.14	79.96	0.648 Level 3	
20,400.00	11,662.27	20,399.74	11,716.55	34.25	36.01	-164.97	8,114.66	833.31	56.22	-25.09	81.31	0.691 Level 3	
20,500.00	11,660.96	20,501.11	11,717.74	34.81	36.62	-164.72	8,216.01	832.28	58.85	-24.71	83.57	0.704 Level 3	
20,600.00	11,659.65	20,601.71	11,717.52	35.37	37.25	-166.68	8,316.59	833.99	59.47	-25.99	85.46	0.696 Level 3	
20,700.00	11,658.34	20,701.08	11,716.83	35.94	37.87	-166.35	8,415.96	833.41	60.19	-26.30	86.49	0.696 Level 3	
20,800.00	11,657.04	20,800.07	11,717.54	36.51	38.49	-165.75	8,514.94	832.17	62.43	-24.85	87.28	0.715 Level 3	
20,900.00	11,655.73	20,899.88	11,719.37	37.09	39.10	-165.56	8,614.73	831.05	65.73	-22.86	88.60	0.742 Level 3	
21,000.00	11,654.42	21,002.75	11,719.90	37.67	39.74	-167.16	8,717.57	832.42	67.18	-24.45	91.63	0.733 Level 3	
21,100.00	11,653.11	21,103.12	11,717.56	38.25	40.40	-168.74	8,817.89	834.43	65.74	-27.59	93.33	0.704 Level 3	
21,200.00	11,651.80	21,202.47	11,715.00	38.84	41.03	-167.83	8,917.20	833.55	64.67	-29.71	94.38	0.685 Level 3	
21,247.68	11,651.18	21,249.81	11,714.09	39.12	41.31	-167.13	8,964.52	832.76	64.54	-30.29	94.83	0.681 Level 3	
21,300.00	11,650.49	21,301.77	11,713.38	39.43	41.63	-166.44	9,016.47	831.92	64.69	-30.63	95.33	0.679 Level 3	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 605H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3720.90usft (H&P 313)
Reference Site:	Gouda Federal Com	MD Reference:	RKB @ 3720.90usft (H&P 313)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	605H	Survey Calculation Method:	Minimum Curvature
Well Error:	1.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ST01 / 67826	Database:	USA Compass
Reference Design:	Plan 2 05-25-21	Offset TVD Reference:	Reference Datum

Offset Design: Gouda Federal Com - 605H - OH / 67826 - Surveys (H&P 313)

Survey Program: 200-MWD+IFR1+MS												Offset Site Error:	0.00 usft	
Reference				Offset		Semi Major Axis			Offset Wellbore Centre		Rule Assigned:		Offset Well Error:	1.00 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
21,400.00	11,649.18	21,401.37	11,712.69	40.02	42.24	-165.51	9,116.06	830.59	65.59	-30.86	96.45	0.680	Level 3	
21,500.00	11,647.87	21,501.31	11,712.33	40.62	42.86	-164.78	9,215.99	829.37	66.80	-30.97	97.77	0.683	Level 3	
21,600.00	11,646.56	21,601.30	11,711.97	41.23	43.48	-163.81	9,315.97	827.84	68.10	-30.99	99.09	0.687	Level 3	
21,700.00	11,645.26	21,701.41	11,711.55	41.83	44.10	-163.20	9,416.07	826.73	69.25	-31.26	100.51	0.689	Level 3	
21,800.00	11,643.95	21,801.07	11,711.22	42.44	44.72	-162.59	9,515.72	825.56	70.50	-31.17	101.67	0.693	Level 3	
21,900.00	11,642.64	21,900.88	11,711.52	43.05	45.34	-161.91	9,615.52	824.07	72.47	-30.44	102.91	0.704	Level 3	
21,900.15	11,642.64	21,901.03	11,711.52	43.05	45.35	-161.91	9,615.67	824.07	72.47	-30.44	102.91	0.704	Level 3	
21,983.82	11,641.54	21,977.00	11,711.43	43.57	45.82	-161.52	9,691.64	823.18	74.12	-24.98	99.10	0.748	Level 3	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 605H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3720.90usft (H&P 313)
Reference Site:	Gouda Federal Com	MD Reference:	RKB @ 3720.90usft (H&P 313)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	605H	Survey Calculation Method:	Minimum Curvature
Well Error:	1.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ST01 / 67826	Database:	USA Compass
Reference Design:	Plan 2 05-25-21	Offset TVD Reference:	Reference Datum

Offset Design: Mozzarella Fed Com - 603H - OH / 67731 - Surveys (H&P 313)

Offset Site Error: 0.00 usft

Offset Well Error: 1.00 usft

Survey Program: 135-MWD+HFR1+MS		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned:		Minimum Separation (usft)	Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Distance Between Centres (usft)	Between Ellipses (usft)			
0.00	0.00	7.79	0.49	1.00	1.00	-132.52	-1,720.64	-1,876.66	2,546.06				
100.00	100.00	114.54	107.23	1.15	1.10	175.57	-1,720.15	-1,876.89	2,546.06	2,543.91	2.16	1,180.123	
200.00	200.00	216.25	208.94	1.67	1.44	175.59	-1,719.16	-1,877.33	2,546.19	2,543.46	2.72	934.478	
300.00	300.00	318.41	311.09	2.54	1.79	-163.06	-1,718.17	-1,877.69	2,546.39	2,542.55	3.84	663.473	
400.00	400.00	420.02	412.70	3.53	2.15	-143.46	-1,717.12	-1,878.01	2,546.47	2,541.27	5.20	489.984	
500.00	499.99	521.30	513.97	3.88	2.50	-139.99	-1,715.99	-1,878.30	2,546.57	2,540.60	5.97	426.458	
600.00	599.98	611.05	603.73	4.12	2.81	-162.29	-1,715.30	-1,878.52	2,547.24	2,540.69	6.55	389.032	
700.00	699.98	718.61	711.28	4.36	3.21	-146.62	-1,714.71	-1,878.62	2,548.10	2,540.89	7.21	353.393	
800.00	799.97	825.61	818.28	4.72	3.79	-149.91	-1,713.82	-1,878.59	2,548.44	2,540.24	8.20	310.731	
900.00	899.96	924.65	917.31	5.05	4.27	176.29	-1,712.75	-1,878.54	2,548.70	2,539.68	9.02	282.651	
1,000.00	999.94	1,020.87	1,013.53	5.30	4.61	119.66	-1,711.77	-1,878.69	2,549.53	2,539.93	9.60	265.545	
1,100.00	1,099.80	1,120.30	1,112.95	5.53	4.94	109.54	-1,710.98	-1,878.71	2,550.98	2,540.77	10.21	249.822	
1,200.00	1,199.62	1,231.77	1,224.42	5.77	5.31	107.94	-1,709.67	-1,878.89	2,552.22	2,541.35	10.86	234.937	
1,300.00	1,299.45	1,319.12	1,311.76	6.01	5.60	105.80	-1,708.69	-1,878.77	2,553.15	2,541.73	11.41	223.669	
1,400.00	1,399.28	1,408.63	1,401.27	6.26	5.89	106.19	-1,708.13	-1,879.02	2,554.45	2,542.47	11.98	213.268	
1,500.00	1,499.12	1,503.62	1,496.25	6.52	6.20	107.86	-1,707.53	-1,879.59	2,556.16	2,543.60	12.55	203.605	
1,600.00	1,598.96	1,620.66	1,613.29	6.79	6.58	110.12	-1,706.85	-1,880.03	2,557.89	2,544.68	13.21	193.573	
1,700.00	1,698.80	1,722.62	1,715.24	7.07	6.93	112.47	-1,705.82	-1,880.07	2,559.29	2,545.43	13.86	184.676	
1,800.00	1,798.65	1,821.00	1,813.62	7.39	7.27	115.06	-1,704.78	-1,880.18	2,560.93	2,546.40	14.53	176.246	
1,900.00	1,898.49	2,072.83	2,065.21	7.82	8.30	117.96	-1,695.71	-1,875.64	2,559.39	2,543.54	15.85	161.449	
2,000.00	1,998.33	2,278.66	2,270.19	8.37	9.12	121.22	-1,681.07	-1,864.32	2,553.09	2,536.12	16.97	150.430	
2,100.00	2,098.16	2,400.58	2,391.33	8.95	9.52	124.08	-1,670.37	-1,855.65	2,545.12	2,527.44	17.68	143.970	
2,200.00	2,197.94	2,555.79	2,545.32	9.49	10.04	125.39	-1,656.50	-1,842.09	2,536.55	2,518.07	18.49	137.212	
2,300.00	2,297.61	2,670.77	2,659.14	9.99	10.44	125.35	-1,646.14	-1,829.55	2,527.05	2,507.86	19.19	131.700	
2,400.00	2,397.16	2,775.43	2,762.70	10.34	10.78	120.25	-1,636.51	-1,817.93	2,517.74	2,497.89	19.85	126.845	
2,500.00	2,496.51	2,885.34	2,871.42	10.68	11.15	116.09	-1,625.89	-1,805.81	2,508.16	2,487.64	20.53	122.181	
2,600.00	2,595.78	3,046.90	3,030.89	11.01	11.70	119.02	-1,609.92	-1,785.40	2,497.68	2,476.32	21.35	116.971	
2,700.00	2,695.02	3,144.27	3,126.75	11.34	12.05	114.51	-1,600.42	-1,771.19	2,486.06	2,464.00	22.05	112.731	
2,800.00	2,794.12	3,230.93	3,212.11	11.69	12.34	108.14	-1,591.95	-1,758.93	2,473.09	2,450.34	22.75	108.692	
2,900.00	2,893.09	3,390.51	3,369.04	12.03	12.91	111.42	-1,574.68	-1,735.74	2,459.73	2,436.11	23.62	104.140	
3,000.00	2,991.97	3,515.06	3,491.08	12.39	13.34	105.71	-1,559.74	-1,715.84	2,444.66	2,420.28	24.38	100.261	
3,100.00	3,090.57	3,596.33	3,570.68	12.78	13.62	104.03	-1,549.95	-1,702.66	2,427.97	2,402.90	25.07	96.844	
3,200.00	3,189.22	3,666.26	3,639.30	13.13	13.87	104.28	-1,541.98	-1,691.77	2,412.64	2,386.93	25.71	93.830	
3,300.00	3,287.77	3,739.30	3,711.14	13.48	14.13	99.96	-1,534.48	-1,680.94	2,397.98	2,371.62	26.36	90.972	
3,400.00	3,386.10	3,837.42	3,807.70	13.83	14.48	100.84	-1,525.38	-1,666.11	2,383.13	2,356.07	27.07	88.050	
3,500.00	3,484.44	3,941.25	3,909.82	14.16	14.84	104.45	-1,516.78	-1,649.43	2,368.98	2,341.21	27.77	85.320	
3,600.00	3,582.84	4,042.39	4,009.23	14.49	15.19	107.16	-1,508.72	-1,632.68	2,355.52	2,327.06	28.46	82.764	
3,700.00	3,681.12	4,136.09	4,101.30	14.84	15.51	109.47	-1,502.12	-1,616.55	2,343.02	2,313.88	29.14	80.404	
3,800.00	3,778.89	4,223.13	4,186.85	15.24	15.81	107.67	-1,496.56	-1,601.53	2,331.63	2,301.82	29.81	78.223	
3,900.00	3,876.16	4,307.78	4,270.19	15.64	16.11	112.34	-1,490.54	-1,587.94	2,322.15	2,291.67	30.48	76.181	
4,000.00	3,973.22	4,380.00	4,341.35	16.08	16.36	111.34	-1,485.33	-1,576.77	2,314.13	2,282.96	31.17	74.253	
4,100.00	4,070.15	4,459.68	4,419.99	16.52	16.66	110.48	-1,478.99	-1,565.73	2,306.82	2,274.94	31.88	72.363	
4,200.00	4,167.32	4,542.41	4,501.82	16.98	16.99	109.59	-1,471.57	-1,556.00	2,299.93	2,267.34	32.59	70.568	
4,300.00	4,264.87	4,619.67	4,578.29	17.41	17.27	109.23	-1,464.84	-1,547.30	2,292.77	2,259.49	33.27	68.908	
4,400.00	4,362.56	4,697.50	4,655.42	17.79	17.55	107.16	-1,457.85	-1,539.63	2,286.55	2,252.60	33.94	67.364	
4,500.00	4,460.80	4,785.95	4,743.10	18.21	17.88	101.50	-1,448.80	-1,532.20	2,277.95	2,243.29	34.66	65.723	
4,600.00	4,559.38	4,878.37	4,834.74	18.59	18.23	103.34	-1,439.52	-1,524.60	2,269.24	2,233.86	35.37	64.152	
4,700.00	4,658.16	4,970.50	4,926.12	18.95	18.56	104.81	-1,430.55	-1,517.17	2,260.87	2,224.80	36.07	62.683	
4,800.00	4,757.04	5,071.85	5,026.67	19.33	18.92	108.16	-1,420.71	-1,508.97	2,253.06	2,216.26	36.80	61.231	
4,900.00	4,855.98	5,166.24	5,120.27	19.69	19.26	111.48	-1,411.15	-1,501.52	2,245.97	2,208.47	37.50	59.894	
5,000.00	4,954.93	5,251.25	5,204.62	20.04	19.56	113.73	-1,402.71	-1,495.12	2,240.03	2,201.86	38.17	58.687	
5,100.00	5,053.83	5,336.57	5,289.34	20.38	19.88	117.63	-1,394.61	-1,489.08	2,235.49	2,196.64	38.85	57.545	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 605H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3720.90usft (H&P 313)
Reference Site:	Gouda Federal Com	MD Reference:	RKB @ 3720.90usft (H&P 313)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	605H	Survey Calculation Method:	Minimum Curvature
Well Error:	1.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ST01 / 67826	Database:	USA Compass
Reference Design:	Plan 2 05-25-21	Offset TVD Reference:	Reference Datum

Offset Design: Mozzarella Fed Com - 603H - OH / 67731 - Surveys (H&P 313)													Offset Site Error:	0.00 usft
Survey Program: 135-MWD+IFR1+MS													Offset Well Error:	1.00 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre		Distance Between Centres (usft)	Rule Assigned: Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
							+N/-S (usft)	+E/-W (usft)						
5,200.00	5,152.66	5,433.00	5,385.16	20.72	20.24	114.43	-1,385.89	-1,482.65	2,232.09	2,192.52	39.57	56.415		
5,300.00	5,251.38	5,585.16	5,536.26	21.07	20.82	106.28	-1,372.22	-1,471.25	2,227.10	2,186.62	40.48	55.018		
5,400.00	5,350.06	5,707.80	5,657.62	21.43	21.30	109.17	-1,359.66	-1,458.73	2,217.81	2,176.49	41.32	53.676		
5,500.00	5,448.81	5,858.67	5,806.62	21.77	21.85	112.53	-1,343.89	-1,441.19	2,208.10	2,165.93	42.16	52.370		
5,600.00	5,547.70	5,967.94	5,914.33	22.12	22.25	114.38	-1,332.36	-1,426.77	2,197.28	2,154.38	42.90	51.214		
5,700.00	5,646.74	6,082.45	6,027.10	22.46	22.66	117.11	-1,320.09	-1,411.18	2,186.20	2,142.54	43.65	50.082		
5,800.00	5,745.81	6,201.46	6,144.13	22.83	23.09	118.91	-1,307.68	-1,393.45	2,174.52	2,130.11	44.41	48.965		
5,900.00	5,844.62	6,285.00	6,226.31	23.36	23.40	115.89	-1,299.30	-1,380.99	2,163.58	2,118.47	45.11	47.966		
6,000.00	5,942.95	6,366.47	6,306.55	23.86	23.69	114.81	-1,291.21	-1,369.43	2,153.96	2,108.16	45.79	47.038		
6,100.00	6,041.05	6,452.33	6,391.16	24.26	24.00	116.34	-1,282.69	-1,357.64	2,145.52	2,099.02	46.49	46.148		
6,200.00	6,139.07	6,554.61	6,492.01	24.61	24.37	118.63	-1,272.56	-1,343.89	2,138.11	2,090.88	47.23	45.270		
6,300.00	6,237.19	6,647.88	6,583.94	24.95	24.71	121.00	-1,263.15	-1,331.26	2,131.20	2,083.25	47.95	44.447		
6,400.00	6,335.47	6,704.48	6,639.80	25.30	24.94	121.53	-1,257.67	-1,324.02	2,125.25	2,076.64	48.61	43.723		
6,500.00	6,433.89	6,759.00	6,693.83	25.65	25.16	122.75	-1,253.32	-1,318.13	2,121.39	2,072.14	49.25	43.074		
6,600.00	6,532.39	6,844.22	6,778.42	26.01	25.52	117.88	-1,247.13	-1,309.90	2,118.70	2,068.71	49.99	42.379		
6,700.00	6,630.85	6,934.41	6,867.97	26.37	25.85	116.13	-1,240.45	-1,301.45	2,114.79	2,064.07	50.71	41.702		
6,800.00	6,729.45	7,021.63	6,954.60	26.72	26.16	116.68	-1,234.06	-1,293.67	2,111.27	2,059.87	51.40	41.073		
6,900.00	6,828.21	7,076.13	7,008.80	27.07	26.37	119.57	-1,230.28	-1,289.30	2,108.74	2,056.75	52.00	40.556		
6,950.08	6,877.74	7,098.53	7,031.11	27.24	26.46	120.38	-1,228.95	-1,287.90	2,108.46	2,056.19	52.27	40.338 CC		
7,000.00	6,927.17	7,137.00	7,069.49	27.42	26.62	121.34	-1,226.98	-1,286.09	2,108.95	2,056.34	52.61	40.087		
7,100.00	7,026.29	7,199.71	7,132.09	27.76	26.88	124.84	-1,224.16	-1,283.74	2,110.76	2,057.55	53.21	39.667		
7,200.00	7,125.51	7,295.49	7,227.72	28.11	27.24	125.76	-1,220.10	-1,280.14	2,113.10	2,059.17	53.93	39.184		
7,300.00	7,224.76	7,383.67	7,315.77	28.46	27.55	131.05	-1,216.74	-1,276.98	2,116.03	2,061.45	54.59	38.764		
7,400.00	7,324.04	7,451.97	7,384.01	28.80	27.80	127.64	-1,214.48	-1,274.99	2,119.91	2,064.75	55.17	38.427		
7,500.00	7,423.36	7,515.00	7,447.03	29.15	28.04	128.96	-1,213.59	-1,274.19	2,125.42	2,069.70	55.72	38.143		
7,600.00	7,522.65	7,603.64	7,535.67	29.50	28.37	128.54	-1,213.47	-1,273.74	2,132.29	2,075.90	56.39	37.812		
7,700.00	7,622.01	7,701.03	7,633.06	29.85	28.69	130.00	-1,213.61	-1,273.11	2,138.93	2,081.86	57.07	37.481		
7,800.00	7,721.42	7,796.56	7,728.58	30.20	29.00	125.11	-1,213.89	-1,272.59	2,145.33	2,087.60	57.73	37.161		
7,900.00	7,820.77	7,894.00	7,826.02	30.56	29.31	115.40	-1,214.31	-1,272.16	2,150.45	2,092.04	58.41	36.816		
8,000.00	7,920.17	7,988.00	7,920.02	30.91	29.61	115.10	-1,214.92	-1,271.85	2,155.13	2,096.07	59.07	36.486		
8,100.00	8,019.61	8,083.00	8,015.01	31.26	29.91	113.50	-1,215.86	-1,271.73	2,159.58	2,099.86	59.72	36.161		
8,200.00	8,119.02	8,177.48	8,109.48	31.60	30.24	114.00	-1,217.06	-1,271.75	2,164.34	2,103.94	60.40	35.835		
8,300.00	8,218.52	8,274.76	8,206.75	31.95	30.58	114.36	-1,218.57	-1,271.81	2,168.96	2,107.87	61.09	35.505		
8,400.00	8,318.02	8,376.11	8,308.09	32.30	30.91	111.37	-1,220.39	-1,271.80	2,173.47	2,111.69	61.78	35.179		
8,500.00	8,417.56	8,472.42	8,404.38	32.64	31.22	108.50	-1,222.11	-1,271.83	2,177.21	2,114.77	62.44	34.868		
8,600.00	8,517.20	8,569.24	8,501.19	32.98	31.53	108.66	-1,223.82	-1,272.05	2,180.55	2,117.45	63.10	34.556		
8,700.00	8,616.90	8,673.24	8,605.17	33.33	31.86	104.32	-1,225.81	-1,272.17	2,183.48	2,119.68	63.80	34.224		
8,800.00	8,716.65	8,774.67	8,706.57	33.67	32.19	99.38	-1,227.74	-1,272.14	2,185.41	2,120.93	64.48	33.892		
8,900.00	8,816.50	8,872.88	8,804.77	34.02	32.51	96.29	-1,229.61	-1,272.12	2,186.64	2,121.49	65.15	33.565		
9,000.00	8,916.40	8,972.68	8,904.56	34.35	32.83	85.92	-1,231.44	-1,272.23	2,187.41	2,121.59	65.82	33.235		
9,100.00	9,016.36	9,071.74	9,003.59	34.68	33.15	68.52	-1,233.34	-1,272.19	2,187.28	2,120.80	66.48	32.902		
9,200.00	9,116.33	9,167.28	9,099.11	34.99	33.46	52.86	-1,235.32	-1,272.40	2,186.87	2,119.75	67.12	32.581		
9,300.00	9,216.31	9,267.97	9,199.78	35.30	33.79	36.09	-1,237.30	-1,272.64	2,186.42	2,118.63	67.78	32.256		
9,328.29	9,244.60	9,295.80	9,227.61	35.39	33.88	32.25	-1,237.89	-1,272.70	2,186.38	2,118.42	67.96	32.170		
9,400.00	9,316.31	9,373.45	9,305.23	35.61	34.14	-25.18	-1,239.68	-1,272.76	2,186.57	2,118.11	68.46	31.940		
9,500.00	9,416.31	9,475.70	9,407.46	35.94	34.47	-66.79	-1,241.81	-1,272.58	2,186.79	2,117.68	69.12	31.639		
9,600.00	9,516.31	9,568.93	9,500.69	36.27	34.78	129.91	-1,242.19	-1,272.99	2,187.33	2,117.60	69.73	31.368		
9,700.00	9,616.29	9,666.39	9,598.14	36.62	35.10	118.37	-1,241.47	-1,274.01	2,188.85	2,118.45	70.40	31.094		
9,800.00	9,716.28	9,770.92	9,702.67	36.99	35.44	125.53	-1,241.13	-1,274.92	2,190.57	2,119.46	71.11	30.806		
9,900.00	9,816.27	9,875.79	9,807.53	37.33	35.78	119.54	-1,241.51	-1,275.36	2,192.01	2,120.20	71.81	30.525		
10,000.00	9,916.24	9,959.23	9,890.97	37.66	36.06	108.30	-1,242.71	-1,275.67	2,193.54	2,121.13	72.41	30.294		
10,100.00	10,016.21	10,060.81	9,992.52	38.02	36.40	106.53	-1,244.68	-1,276.42	2,195.45	2,122.36	73.10	30.034		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 605H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3720.90usft (H&P 313)
Reference Site:	Gouda Federal Com	MD Reference:	RKB @ 3720.90usft (H&P 313)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	605H	Survey Calculation Method:	Minimum Curvature
Well Error:	1.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ST01 / 67826	Database:	USA Compass
Reference Design:	Plan 2 05-25-21	Offset TVD Reference:	Reference Datum

Offset Design: Mozzarella Fed Com - 603H - OH / 67731 - Surveys (H&P 313)													Offset Site Error:	0.00 usft
Survey Program:		135-MWD+IFR1+MS				Rule Assigned:				Offset Well Error:		1.00 usft		
Reference	Offset	Reference	Offset	Semi Major Axis	Highside	Offset Wellbore Centre		Distance	Minimum	Separation	Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Ellipses (usft)		Separation (usft)		
10,200.00	10,116.19	10,210.06	10,141.76	38.38	36.90	108.35	-1,245.98	-1,275.87	2,195.90	2,121.86	74.04	29.659		
10,300.00	10,216.18	10,333.25	10,264.93	38.73	37.33	70.65	-1,245.26	-1,273.91	2,194.36	2,119.50	74.86	29.313		
10,400.00	10,316.15	10,440.59	10,372.24	39.06	37.71	69.09	-1,244.03	-1,271.51	2,190.80	2,115.20	75.60	28.977		
10,500.00	10,416.12	10,524.45	10,456.08	39.38	38.00	48.60	-1,243.56	-1,269.69	2,187.47	2,111.25	76.22	28.699		
10,600.00	10,516.05	10,604.45	10,536.07	39.70	38.27	23.04	-1,243.74	-1,268.50	2,183.15	2,106.35	76.81	28.425		
10,700.00	10,615.97	10,688.06	10,619.67	40.02	38.55	-4.87	-1,244.66	-1,267.82	2,178.72	2,101.34	77.38	28.155		
10,800.00	10,715.90	10,780.17	10,711.76	40.33	38.86	7.89	-1,246.17	-1,267.49	2,175.14	2,097.15	77.99	27.889		
10,900.00	10,815.84	10,880.67	10,812.25	40.64	39.19	9.62	-1,247.80	-1,267.27	2,171.89	2,093.24	78.65	27.614		
11,000.00	10,915.78	10,991.78	10,923.34	40.96	39.56	37.78	-1,249.96	-1,266.66	2,168.78	2,089.40	79.38	27.323		
11,100.00	11,015.67	11,119.92	11,051.43	41.28	39.99	63.55	-1,252.66	-1,264.67	2,165.04	2,084.84	80.20	26.994		
11,200.00	11,115.49	11,235.54	11,167.00	41.64	40.50	67.35	-1,252.46	-1,262.24	2,160.45	2,079.11	81.34	26.562		
11,300.00	11,215.44	11,333.26	11,262.81	42.40	42.01	-118.77	-1,234.73	-1,264.53	2,158.71	2,075.11	83.60	25.823		
11,338.34	11,253.61	12,020.26	11,719.34	42.62	47.59	-97.65	-763.16	-1,275.23	2,152.92	2,065.90	87.02	24.740		
11,400.00	11,314.29	12,035.19	11,723.11	43.44	47.62	-94.67	-748.72	-1,274.92	2,141.52	2,053.49	88.03	24.326		
11,500.00	11,408.47	12,078.00	11,732.73	44.37	47.71	-93.85	-707.01	-1,274.72	2,125.99	2,037.20	88.79	23.945		
11,600.00	11,494.30	12,078.00	11,732.73	45.62	47.71	-93.88	-707.01	-1,274.72	2,114.60	2,025.44	89.16	23.718		
11,700.00	11,568.79	12,078.00	11,732.73	46.63	47.71	-97.14	-707.01	-1,274.72	2,110.90	2,021.36	89.54	23.576		
11,733.24	11,591.08	12,114.34	11,739.30	46.81	47.82	-97.32	-671.30	-1,276.05	2,110.79	2,020.93	89.86	23.489		
11,800.00	11,632.71	12,127.75	11,741.28	47.17	47.86	-98.09	-658.08	-1,277.09	2,115.92	2,025.70	90.21	23.454		
11,900.00	11,685.11	12,173.00	11,746.21	47.51	48.01	-95.14	-613.48	-1,282.78	2,128.15	2,037.37	90.78	23.442		
12,000.00	11,724.52	12,173.00	11,746.21	47.79	48.01	-92.56	-613.48	-1,282.78	2,138.08	2,046.87	91.21	23.441		
12,100.00	11,752.95	12,211.94	11,748.97	47.92	48.13	-91.42	-575.23	-1,289.51	2,148.22	2,056.49	91.73	23.420		
12,200.00	11,764.14	12,267.00	11,751.34	47.98	49.13	-89.59	-23.92	-1,326.80	2,146.89	2,054.46	92.43	23.228		
12,222.49	11,765.00	12,267.00	11,751.34	48.70	49.13	-89.64	-23.92	-1,326.80	2,146.54	2,054.02	92.52	23.202		
12,300.00	11,765.47	12,820.07	11,750.36	51.47	49.18	-89.73	29.14	-1,325.93	2,147.72	2,054.93	92.79	23.146		
12,400.00	11,766.78	12,876.59	11,749.16	51.50	49.25	-89.52	85.64	-1,326.26	2,156.19	2,063.09	93.10	23.160		
12,500.00	11,765.66	12,956.00	11,747.51	51.52	49.35	-89.45	165.01	-1,328.03	2,165.00	2,071.61	93.39	23.183		
12,600.00	11,764.36	13,085.81	11,745.41	51.55	49.54	-89.44	294.80	-1,329.35	2,172.37	2,078.69	93.68	23.190		
12,700.00	11,763.06	13,145.00	11,744.27	51.58	49.65	-89.44	353.96	-1,330.64	2,180.95	2,086.92	94.02	23.196		
12,800.00	11,761.75	13,351.08	11,741.85	51.62	50.03	-89.47	559.99	-1,330.69	2,184.76	2,090.35	94.42	23.140		
12,900.00	11,760.44	13,430.00	11,739.86	51.65	50.18	-89.47	638.88	-1,329.82	2,184.44	2,089.65	94.80	23.043		
13,000.00	11,759.13	13,568.50	11,737.16	51.68	50.47	-89.44	777.30	-1,326.54	2,181.82	2,086.60	95.22	22.913		
13,100.00	11,757.83	13,619.00	11,736.23	51.71	50.59	-89.44	827.78	-1,325.40	2,179.78	2,084.16	95.62	22.797		
13,166.43	11,756.96	13,672.20	11,735.27	51.73	50.71	-89.43	880.97	-1,324.96	2,179.26	2,083.35	95.90	22.724		
13,200.00	11,756.52	13,691.46	11,734.97	51.74	50.76	-89.43	900.22	-1,325.04	2,179.37	2,083.32	96.04	22.692		
13,300.00	11,755.21	13,767.88	11,733.97	51.78	50.95	-89.43	976.63	-1,326.19	2,180.73	2,084.25	96.48	22.603		
13,400.00	11,753.90	13,919.57	11,732.77	51.81	51.33	-89.45	1,128.31	-1,327.86	2,181.97	2,084.98	96.99	22.497		
13,431.97	11,753.48	13,937.85	11,732.65	51.82	51.38	-89.45	1,146.58	-1,327.90	2,181.95	2,084.82	97.14	22.463		
13,500.00	11,752.59	14,000.00	11,732.06	51.85	51.55	-89.46	1,208.73	-1,328.10	2,182.10	2,084.64	97.46	22.389		
13,600.00	11,751.28	14,332.79	11,733.77	51.89	52.64	-89.61	1,540.72	-1,309.66	2,175.10	2,076.65	98.46	22.092		
13,700.00	11,749.97	14,405.78	11,733.51	51.92	52.88	-89.63	1,613.36	-1,302.64	2,165.38	2,066.39	98.99	21.876		
13,800.00	11,748.66	14,486.67	11,733.33	51.96	53.13	-89.65	1,693.95	-1,295.64	2,156.63	2,057.10	99.53	21.669		
13,900.00	11,747.35	14,568.00	11,733.26	52.00	53.40	-89.68	1,775.03	-1,289.32	2,148.76	2,048.68	100.08	21.469		
14,000.00	11,746.05	14,621.09	11,733.18	52.05	53.59	-89.70	1,828.02	-1,286.00	2,142.40	2,041.78	100.62	21.292		
14,100.00	11,744.74	14,684.88	11,733.00	52.09	53.82	-89.71	1,891.76	-1,283.40	2,138.12	2,036.94	101.18	21.131		
14,200.00	11,743.43	14,800.01	11,732.98	52.13	54.24	-89.75	2,006.80	-1,279.24	2,134.45	2,032.58	101.87	20.953		
14,300.00	11,742.12	14,883.45	11,733.00	52.18	54.56	-89.78	2,090.16	-1,275.43	2,129.91	2,027.41	102.51	20.778		
14,400.00	11,740.81	14,947.00	11,732.89	52.22	54.83	-89.80	2,153.70	-1,274.38	2,127.83	2,024.70	103.13	20.633		
14,439.04	11,740.30	14,947.00	11,732.89	52.24	54.83	-89.80	2,153.70	-1,274.38	2,127.47	2,024.16	103.31	20.593		
14,500.00	11,739.50	14,995.68	11,732.89	52.27	55.03	-89.82	2,202.38	-1,274.59	2,127.67	2,023.95	103.72	20.514		
14,600.00	11,738.19	15,124.71	11,734.08	52.32	55.56	-89.90	2,331.40	-1,275.20	2,128.19	2,023.66	104.52	20.361		
14,700.00	11,736.88	15,224.90	11,735.03	52.37	55.97	-89.96	2,431.58	-1,274.36	2,127.26	2,022.00	105.26	20.210		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 605H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3720.90usft (H&P 313)
Reference Site:	Gouda Federal Com	MD Reference:	RKB @ 3720.90usft (H&P 313)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	605H	Survey Calculation Method:	Minimum Curvature
Well Error:	1.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ST01 / 67826	Database:	USA Compass
Reference Design:	Plan 2 05-25-21	Offset TVD Reference:	Reference Datum

Offset Design: Mozzarella Fed Com - 603H - OH / 67731 - Surveys (H&P 313)												Offset Site Error:	0.00 usft
Survey Program: 135-MWD+HFR1+MS												Offset Well Error:	1.00 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N-S (usft)	Offset Wellbore Centre +E-W (usft)	Distance Between Centres (usft)	Rule Assigned: Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
14,800.00	11,735.57	15,365.94	11,735.58	52.42	56.58	-90.02	2,572.56	-1,270.78	2,124.28	2,018.13	106.14	20.013	
14,900.00	11,734.26	15,420.00	11,735.59	52.47	56.83	-90.04	2,626.62	-1,269.85	2,122.54	2,015.75	106.79	19.875	
15,000.00	11,732.96	15,515.00	11,735.31	52.52	57.25	-90.07	2,721.61	-1,269.50	2,122.09	2,014.53	107.56	19.729	
15,100.00	11,731.65	15,636.07	11,735.06	52.57	57.78	-90.10	2,842.68	-1,268.54	2,121.20	2,012.79	108.41	19.566	
15,200.00	11,730.34	15,766.54	11,734.71	52.63	58.37	-90.14	2,973.13	-1,266.76	2,119.93	2,010.61	109.32	19.392	
15,300.00	11,729.03	15,856.96	11,734.16	52.68	58.79	-90.16	3,063.51	-1,264.02	2,116.87	2,006.74	110.13	19.222	
15,400.00	11,727.72	15,937.73	11,732.96	52.74	59.18	-90.15	3,144.27	-1,262.82	2,115.24	2,004.33	110.91	19.072	
15,500.00	11,726.41	16,030.14	11,731.82	52.81	59.62	-90.15	3,236.66	-1,261.64	2,113.90	2,002.17	111.73	18.920	
15,594.23	11,725.18	16,102.48	11,730.92	52.89	59.96	-90.16	3,308.99	-1,261.26	2,113.34	2,000.88	112.46	18.791	
15,600.00	11,725.10	16,106.24	11,730.87	52.89	59.98	-90.16	3,312.75	-1,261.27	2,113.34	2,000.84	112.51	18.784	
15,700.00	11,723.79	16,179.00	11,729.88	53.06	60.34	-90.15	3,385.50	-1,262.07	2,114.28	2,001.00	113.28	18.665	
15,800.00	11,722.48	16,294.85	11,728.73	53.38	60.91	-90.16	3,501.33	-1,263.28	2,115.23	2,001.00	114.24	18.516	
15,900.00	11,721.17	16,368.00	11,727.95	53.76	61.28	-90.17	3,574.47	-1,264.29	2,116.52	2,001.49	115.03	18.399	
16,000.00	11,719.87	16,492.12	11,726.44	54.16	61.90	-90.17	3,698.57	-1,265.91	2,117.71	2,001.66	116.05	18.249	
16,100.00	11,718.56	16,617.22	11,724.50	54.57	62.54	-90.16	3,823.65	-1,266.61	2,118.26	2,001.19	117.08	18.093	
16,199.53	11,717.25	16,707.79	11,722.90	54.99	63.01	-90.15	3,914.21	-1,266.12	2,117.67	1,999.69	117.98	17.950	
16,200.00	11,717.25	16,708.12	11,722.90	54.99	63.01	-90.15	3,914.54	-1,266.12	2,117.67	1,999.69	117.98	17.949	
16,300.00	11,715.94	16,788.36	11,721.43	55.42	63.43	-90.14	3,994.76	-1,266.70	2,118.27	1,999.42	118.85	17.823	
16,400.00	11,714.63	16,867.22	11,720.46	55.85	63.85	-90.14	4,073.61	-1,267.72	2,119.53	1,999.81	119.72	17.704	
16,500.00	11,713.32	16,936.00	11,719.93	56.30	64.22	-90.15	4,142.35	-1,269.83	2,122.41	2,001.86	120.54	17.607	
16,600.00	11,712.01	17,030.00	11,719.88	56.75	64.72	-90.18	4,236.30	-1,272.94	2,125.66	2,004.15	121.51	17.494	
16,700.00	11,710.70	17,125.00	11,719.65	57.20	65.24	-90.21	4,331.22	-1,276.66	2,129.49	2,007.00	122.49	17.385	
16,800.00	11,709.39	17,189.53	11,719.17	57.67	65.59	-90.22	4,395.66	-1,280.19	2,134.65	2,011.34	123.30	17.312	
16,900.00	11,708.09	17,327.25	11,718.87	58.14	66.35	-90.26	4,533.20	-1,287.16	2,139.73	2,015.20	124.54	17.182	
17,000.00	11,706.78	17,410.00	11,718.37	58.61	66.80	-90.28	4,615.85	-1,291.12	2,144.35	2,018.88	125.47	17.091	
17,100.00	11,705.47	17,598.32	11,718.29	59.10	67.86	-90.34	4,804.06	-1,297.16	2,147.99	2,020.98	127.01	16.912	
17,200.00	11,704.16	17,663.29	11,718.17	59.59	68.24	-90.36	4,869.01	-1,298.05	2,149.29	2,021.39	127.89	16.805	
17,300.00	11,702.85	17,791.85	11,718.06	60.08	68.98	-90.40	4,997.54	-1,300.74	2,151.46	2,022.33	129.13	16.661	
17,400.00	11,701.54	17,869.82	11,718.09	60.58	69.43	-90.43	5,075.51	-1,301.88	2,152.82	2,022.73	130.09	16.549	
17,500.00	11,700.23	17,960.61	11,717.61	61.08	69.94	-90.45	5,166.28	-1,303.84	2,154.89	2,023.78	131.11	16.435	
17,600.00	11,698.92	18,086.52	11,716.97	61.60	70.67	-90.47	5,292.16	-1,306.09	2,156.62	2,024.27	132.35	16.295	
17,700.00	11,697.61	18,202.59	11,716.71	62.11	71.34	-90.50	5,408.23	-1,307.03	2,157.36	2,023.82	133.54	16.155	
17,776.96	11,696.61	18,285.96	11,716.33	62.51	71.82	-90.52	5,491.60	-1,307.08	2,157.33	2,022.90	134.43	16.048	
17,800.00	11,696.30	18,304.73	11,716.21	62.63	71.93	-90.53	5,510.36	-1,307.11	2,157.35	2,022.69	134.66	16.021	
17,900.00	11,695.00	18,383.53	11,715.57	63.16	72.39	-90.54	5,589.16	-1,307.68	2,158.01	2,022.36	135.65	15.908	
18,000.00	11,693.69	18,471.70	11,713.87	63.69	72.91	-90.52	5,677.29	-1,309.33	2,159.75	2,023.05	136.70	15.799	
18,100.00	11,692.38	18,608.70	11,712.50	64.23	73.73	-90.53	5,814.28	-1,310.12	2,160.09	2,022.04	138.05	15.647	
18,200.00	11,691.07	18,700.11	11,712.36	64.77	74.28	-90.56	5,905.69	-1,310.32	2,160.24	2,021.09	139.15	15.525	
18,300.00	11,689.76	18,846.19	11,713.19	65.31	75.15	-90.63	6,051.77	-1,309.75	2,159.88	2,019.31	140.57	15.365	
18,400.00	11,688.45	18,940.35	11,713.11	65.86	75.72	-90.67	6,145.91	-1,308.38	2,158.34	2,016.64	141.70	15.232	
18,500.00	11,687.14	19,043.91	11,713.30	66.41	76.35	-90.71	6,249.46	-1,306.79	2,156.74	2,013.85	142.89	15.094	
18,600.00	11,685.83	19,131.33	11,714.19	66.97	76.88	-90.76	6,336.87	-1,305.61	2,155.34	2,011.35	144.00	14.968	
18,683.81	11,684.74	19,193.03	11,714.42	67.44	77.25	-90.79	6,398.56	-1,305.34	2,154.91	2,010.06	144.86	14.876	
18,700.00	11,684.52	19,208.00	11,714.36	67.53	77.35	-90.79	6,413.54	-1,305.37	2,154.93	2,009.89	145.04	14.858	
18,800.00	11,683.22	19,323.99	11,714.11	68.10	78.06	-90.83	6,529.52	-1,305.10	2,154.63	2,008.31	146.32	14.726	
18,900.00	11,681.91	19,430.77	11,715.07	68.67	78.71	-90.89	6,636.30	-1,304.37	2,153.90	2,006.35	147.56	14.597	
19,000.00	11,680.60	19,540.85	11,715.16	69.24	79.39	-90.93	6,746.36	-1,302.91	2,152.50	2,003.68	148.82	14.464	
19,100.00	11,679.29	19,655.69	11,715.16	69.82	80.10	-90.97	6,861.20	-1,301.13	2,150.90	2,000.80	150.10	14.329	
19,200.00	11,677.98	19,745.35	11,715.06	70.40	80.66	-91.00	6,950.83	-1,299.27	2,148.79	1,997.53	151.26	14.206	
19,300.00	11,676.67	19,846.66	11,714.65	70.98	81.29	-91.03	7,052.13	-1,297.82	2,147.29	1,994.81	152.48	14.083	
19,400.00	11,675.36	19,948.95	11,714.61	71.57	81.93	-91.06	7,154.40	-1,295.98	2,145.43	1,991.71	153.71	13.957	
19,500.00	11,674.05	20,040.05	11,714.59	72.16	82.51	-91.09	7,245.49	-1,294.52	2,143.76	1,988.87	154.89	13.841	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 605H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3720.90usft (H&P 313)
Reference Site:	Gouda Federal Com	MD Reference:	RKB @ 3720.90usft (H&P 313)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	605H	Survey Calculation Method:	Minimum Curvature
Well Error:	1.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ST01 / 67826	Database:	USA Compass
Reference Design:	Plan 2 05-25-21	Offset TVD Reference:	Reference Datum

Offset Design: Mozzarella Fed Com - 603H - OH / 67731 - Surveys (H&P 313)													Offset Site Error:	0.00 usft	
Survey Program:		135-MWD+IFR1+MS <th colspan="2">Offset</th> <th colspan="2">Semi Major Axis</th> <th colspan="2">Offset Wellbore Centre</th> <th colspan="2">Rule Assigned:</th> <th>Offset Well Error:</th> <td>1.00 usft</td>				Offset		Semi Major Axis		Offset Wellbore Centre		Rule Assigned:		Offset Well Error:	1.00 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
19,600.00	11,672.74	20,140.54	11,714.47	72.76	83.14	-91.13	7,345.98	-1,293.20	2,142.38	1,986.26	156.13	13.722			
19,700.00	11,671.43	20,263.28	11,714.35	73.36	83.92	-91.17	7,468.69	-1,290.77	2,140.33	1,982.83	157.50	13.590			
19,800.00	11,670.13	20,346.00	11,714.19	73.96	84.44	-91.19	7,551.39	-1,289.20	2,138.34	1,979.70	158.64	13.479			
19,900.00	11,668.82	20,441.97	11,713.93	74.56	85.06	-91.22	7,647.36	-1,287.86	2,136.88	1,977.01	159.86	13.367			
20,000.00	11,667.51	20,523.39	11,713.82	75.17	85.58	-91.25	7,728.77	-1,287.03	2,135.80	1,974.80	161.00	13.266			
20,100.00	11,666.20	20,648.32	11,713.65	75.78	86.38	-91.29	7,853.69	-1,285.65	2,134.65	1,972.23	162.41	13.143			
20,200.00	11,664.89	20,752.42	11,713.57	76.39	87.05	-91.32	7,957.77	-1,283.63	2,132.64	1,968.94	163.70	13.028			
20,300.00	11,663.58	20,842.33	11,713.45	77.00	87.63	-91.35	8,047.67	-1,282.07	2,130.85	1,965.94	164.91	12.921			
20,400.00	11,662.27	20,930.71	11,713.12	77.62	88.20	-91.38	8,136.04	-1,281.04	2,129.61	1,963.51	166.11	12.821			
20,500.00	11,660.96	21,029.52	11,712.83	78.24	88.85	-91.40	8,234.84	-1,280.19	2,128.69	1,961.31	167.37	12.718			
20,600.00	11,659.65	21,154.50	11,712.74	78.86	89.66	-91.45	8,359.81	-1,278.63	2,127.44	1,958.63	168.82	12.602			
20,700.00	11,658.34	21,257.09	11,712.88	79.49	90.34	-91.49	8,462.38	-1,276.05	2,124.87	1,954.75	170.12	12.490			
20,800.00	11,657.04	21,330.43	11,712.75	80.12	90.82	-91.51	8,535.70	-1,274.86	2,123.20	1,951.96	171.24	12.399			
20,862.64	11,656.22	21,373.13	11,712.61	80.51	91.10	-91.52	8,578.41	-1,274.66	2,122.88	1,950.97	171.92	12.348			
20,900.00	11,655.73	21,407.54	11,712.47	80.75	91.33	-91.53	8,612.81	-1,274.75	2,122.95	1,950.57	172.38	12.316			
21,000.00	11,654.42	21,559.79	11,711.78	81.38	92.34	-91.57	8,765.05	-1,273.30	2,121.99	1,947.96	174.03	12.194			
21,100.00	11,653.11	21,634.46	11,711.57	82.02	92.84	-91.59	8,839.70	-1,271.76	2,119.96	1,944.79	175.17	12.102			
21,165.28	11,652.25	21,675.00	11,711.30	82.43	93.11	-91.60	8,880.24	-1,271.55	2,119.58	1,943.73	175.85	12.053			
21,200.00	11,651.80	21,699.52	11,711.13	82.65	93.27	-91.60	8,904.75	-1,271.63	2,119.66	1,943.43	176.23	12.028 ES			
21,300.00	11,650.49	21,771.18	11,710.81	83.29	93.76	-91.62	8,976.41	-1,272.51	2,120.83	1,943.51	177.32	11.960			
21,400.00	11,649.18	21,875.25	11,710.58	83.93	94.45	-91.65	9,080.47	-1,274.38	2,122.57	1,943.90	178.67	11.880			
21,500.00	11,647.87	21,978.96	11,710.18	84.58	95.15	-91.67	9,184.16	-1,275.89	2,123.95	1,943.94	180.02	11.799			
21,600.00	11,646.56	22,058.65	11,709.77	85.22	95.68	-91.69	9,263.84	-1,277.51	2,125.92	1,944.76	181.16	11.735			
21,700.00	11,645.26	22,175.95	11,709.44	85.87	96.47	-91.72	9,381.11	-1,279.87	2,127.86	1,945.23	182.63	11.651			
21,800.00	11,643.95	22,284.75	11,709.25	86.52	97.20	-91.75	9,489.90	-1,281.44	2,129.26	1,945.23	184.03	11.570			
21,900.00	11,642.64	22,391.43	11,709.01	87.17	97.92	-91.78	9,596.58	-1,282.55	2,130.24	1,944.83	185.41	11.489			
21,983.82	11,641.54	22,476.71	11,708.81	87.72	98.49	-91.80	9,681.85	-1,283.29	2,130.92	1,944.38	186.54	11.423 SF			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 605H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3720.90usft (H&P 313)
Reference Site:	Gouda Federal Com	MD Reference:	RKB @ 3720.90usft (H&P 313)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	605H	Survey Calculation Method:	Minimum Curvature
Well Error:	1.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ST01 / 67826	Database:	USA Compass
Reference Design:	Plan 2 05-25-21	Offset TVD Reference:	Reference Datum

Offset Design: Mozzarella Offsets - DR AWKWARD 17 8 FED COM 313H - OH - Plan 1													Offset Site Error: 0.00 usft
Survey Program: 0-MWD+IFR1+MS		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned: Distance		Minimum Separation (usft)	Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
0.00	0.00	0.00	20.40	1.00	1.00	-179.04	-11,092.24	-186.24	11,093.82				
100.00	100.00	79.60	100.00	1.15	1.02	129.03	-11,092.24	-186.24	11,093.90	11,091.87	2.02	5,479.269	
200.00	200.00	179.60	200.00	1.67	1.27	129.03	-11,092.24	-186.24	11,094.19	11,091.95	2.24	4,952.450	
300.00	300.00	279.60	300.00	2.54	1.66	150.37	-11,092.24	-186.24	11,094.64	11,091.86	2.78	3,990.260	
400.00	400.00	379.60	400.00	3.53	2.04	169.95	-11,092.24	-186.24	11,095.22	11,091.76	3.46	3,204.152	
500.00	499.99	479.59	499.99	3.88	2.42	173.41	-11,092.24	-186.24	11,096.04	11,091.83	4.21	2,634.767	
600.00	599.98	579.58	599.98	4.12	2.79	151.11	-11,092.24	-186.24	11,097.14	11,092.28	4.86	2,284.379	
700.00	699.98	22,078.04	11,720.41	4.36	89.26	148.03	-823.37	334.94	11,056.49	10,967.87	88.62	124.758	
800.00	799.97	22,078.04	11,720.41	4.72	89.26	145.11	-823.37	334.94	10,956.90	10,868.24	88.66	123.588	
900.00	899.96	22,078.04	11,720.41	5.05	89.26	114.35	-823.37	334.94	10,857.30	10,768.61	88.69	122.413	
1,000.00	999.94	22,078.04	11,720.41	5.30	89.26	74.03	-823.37	334.94	10,757.62	10,668.88	88.74	121.227	
1,100.00	1,099.80	22,078.04	11,720.41	5.53	89.26	85.24	-823.37	334.94	10,657.79	10,568.99	88.80	120.027	
1,200.00	1,199.62	22,078.04	11,720.41	5.77	89.26	84.01	-823.37	334.94	10,557.93	10,469.08	88.85	118.827	
1,300.00	1,299.45	22,078.04	11,720.41	6.01	89.26	79.68	-823.37	334.94	10,458.06	10,369.15	88.91	117.625	
1,400.00	1,399.28	22,078.04	11,720.41	6.26	89.26	79.17	-823.37	334.94	10,358.20	10,269.22	88.97	116.419	
1,500.00	1,499.12	22,078.04	11,720.41	6.52	89.26	79.59	-823.37	334.94	10,258.34	10,169.30	89.04	115.210	
1,600.00	1,598.96	22,078.04	11,720.41	6.79	89.26	81.99	-823.37	334.94	10,158.49	10,069.38	89.11	113.999	
1,700.00	1,698.80	22,078.04	11,720.41	7.07	89.26	84.33	-823.37	334.94	10,058.66	9,969.48	89.18	112.786	
1,800.00	1,798.65	22,078.04	11,720.41	7.39	89.26	86.58	-823.37	334.94	9,958.85	9,869.59	89.26	111.568	
1,900.00	1,898.49	22,078.04	11,720.41	7.82	89.26	88.91	-823.37	334.94	9,859.06	9,769.71	89.34	110.351	
2,000.00	1,998.33	22,078.04	11,720.41	8.37	89.26	93.59	-823.37	334.94	9,759.29	9,669.86	89.43	109.130	
2,100.00	2,098.16	22,078.04	11,720.41	8.95	89.26	98.45	-823.37	334.94	9,659.54	9,570.03	89.51	107.910	
2,200.00	2,197.94	22,078.04	11,720.41	9.49	89.26	109.20	-823.37	334.94	9,559.83	9,470.22	89.61	106.687	
2,300.00	2,297.61	22,078.04	11,720.41	9.99	89.26	117.81	-823.37	334.94	9,460.16	9,370.46	89.70	105.465	
2,400.00	2,397.16	22,078.04	11,720.41	10.34	89.26	124.62	-823.37	334.94	9,360.53	9,270.73	89.80	104.240	
2,500.00	2,496.51	22,078.04	11,720.41	10.68	89.26	132.06	-823.37	334.94	9,260.91	9,171.01	89.90	103.013	
2,600.00	2,595.78	22,078.04	11,720.41	11.01	89.26	133.14	-823.37	334.94	9,161.34	9,071.33	90.01	101.785	
2,700.00	2,695.02	22,078.04	11,720.41	11.34	89.26	135.25	-823.37	334.94	9,061.82	8,971.70	90.12	100.558	
2,800.00	2,794.12	22,078.04	11,720.41	11.69	89.26	140.82	-823.37	334.94	8,962.23	8,872.00	90.23	99.326	
2,900.00	2,893.09	22,078.04	11,720.41	12.03	89.26	142.38	-823.37	334.94	8,862.72	8,772.37	90.35	98.095	
3,000.00	2,991.97	22,078.04	11,720.41	12.39	89.26	148.13	-823.37	334.94	8,763.28	8,672.81	90.47	96.864	
3,100.00	3,090.57	22,078.04	11,720.41	12.78	89.26	150.44	-823.37	334.94	8,663.88	8,573.28	90.60	95.632	
3,200.00	3,189.22	22,078.04	11,720.41	13.13	89.26	150.14	-823.37	334.94	8,564.49	8,473.76	90.73	94.399	
3,300.00	3,287.77	22,078.04	11,720.41	13.48	89.26	154.86	-823.37	334.94	8,465.13	8,374.27	90.86	93.167	
3,400.00	3,386.10	22,078.04	11,720.41	13.83	89.26	155.94	-823.37	334.94	8,365.86	8,274.87	91.00	91.935	
3,500.00	3,484.44	22,078.04	11,720.41	14.16	89.26	153.94	-823.37	334.94	8,266.66	8,175.52	91.14	90.703	
3,600.00	3,582.84	22,078.04	11,720.41	14.49	89.26	152.99	-823.37	334.94	8,167.48	8,076.19	91.29	89.472	
3,700.00	3,681.12	22,078.04	11,720.41	14.84	89.26	155.57	-823.37	334.94	8,068.45	7,977.01	91.43	88.243	
3,800.00	3,778.89	22,078.04	11,720.41	15.24	89.26	160.32	-823.37	334.94	7,969.79	7,878.20	91.59	87.013	
3,900.00	3,876.16	22,078.04	11,720.41	15.64	89.26	160.82	-823.37	334.94	7,871.58	7,779.82	91.76	85.787	
4,000.00	3,973.22	22,078.04	11,720.41	16.08	89.26	161.53	-823.37	334.94	7,773.61	7,681.68	91.93	84.560	
4,100.00	4,070.15	22,078.04	11,720.41	16.52	89.26	161.85	-823.37	334.94	7,675.75	7,583.65	92.11	83.336	
4,200.00	4,167.32	22,078.04	11,720.41	16.98	89.26	160.41	-823.37	334.94	7,577.73	7,485.44	92.29	82.107	
4,300.00	4,264.87	22,078.04	11,720.41	17.41	89.26	159.19	-823.37	334.94	7,479.42	7,386.94	92.48	80.880	
4,400.00	4,362.56	22,078.04	11,720.41	17.79	89.26	157.97	-823.37	334.94	7,381.04	7,288.37	92.66	79.654	
4,500.00	4,460.80	22,078.04	11,720.41	18.21	89.26	154.70	-823.37	334.94	7,282.13	7,189.28	92.85	78.430	
4,600.00	4,559.38	22,078.04	11,720.41	18.59	89.26	151.70	-823.37	334.94	7,182.99	7,089.96	93.03	77.209	
4,700.00	4,658.16	22,078.04	11,720.41	18.95	89.26	149.40	-823.37	334.94	7,083.75	6,990.53	93.22	75.993	
4,800.00	4,757.04	22,078.04	11,720.41	19.33	89.26	147.98	-823.37	334.94	6,984.49	6,891.09	93.40	74.780	
4,900.00	4,855.98	22,078.04	11,720.41	19.69	89.26	147.52	-823.37	334.94	6,885.27	6,791.68	93.59	73.571	
5,000.00	4,954.93	22,078.04	11,720.41	20.04	89.26	147.93	-823.37	334.94	6,786.11	6,692.33	93.78	72.364	
5,100.00	5,053.83	22,078.04	11,720.41	20.38	89.26	149.09	-823.37	334.94	6,687.05	6,593.08	93.97	71.161	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 605H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3720.90usft (H&P 313)
Reference Site:	Gouda Federal Com	MD Reference:	RKB @ 3720.90usft (H&P 313)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	605H	Survey Calculation Method:	Minimum Curvature
Well Error:	1.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ST01 / 67826	Database:	USA Compass
Reference Design:	Plan 2 05-25-21	Offset TVD Reference:	Reference Datum

Offset Design: Mozzarella Offsets - DR AWKWARD 17 8 FED COM 313H - OH - Plan 1													Offset Site Error:
Survey Program: 0-MWD+IFR1+MS													Offset Well Error:
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre		Distance Between Centres (usft)		Minimum Separation (usft)	Separation Factor	Warning
							+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
5,200.00	5,152.66	22,078.04	11,720.41	20.72	89.26	150.00	-823.37	334.94	6,588.10	6,493.93	94.17	69.959	
5,300.00	5,251.38	22,078.04	11,720.41	21.07	89.26	151.13	-823.37	334.94	6,489.12	6,394.75	94.38	68.758	
5,400.00	5,350.06	22,078.04	11,720.41	21.43	89.26	150.74	-823.37	334.94	6,390.13	6,295.55	94.58	67.560	
5,500.00	5,448.81	22,078.04	11,720.41	21.77	89.26	149.67	-823.37	334.94	6,291.18	6,196.39	94.80	66.365	
5,600.00	5,547.70	22,078.04	11,720.41	22.12	89.26	147.24	-823.37	334.94	6,192.19	6,097.18	95.01	65.173	
5,700.00	5,646.74	22,078.04	11,720.41	22.46	89.26	145.98	-823.37	334.94	6,093.14	5,997.91	95.23	63.986	
5,800.00	5,745.81	22,078.04	11,720.41	22.83	89.26	147.19	-823.37	334.94	5,994.13	5,898.69	95.45	62.801	
5,900.00	5,844.62	22,078.04	11,720.41	23.36	89.26	151.95	-823.37	334.94	5,895.37	5,799.68	95.68	61.614	
6,000.00	5,942.95	22,078.04	11,720.41	23.86	89.26	155.04	-823.37	334.94	5,797.00	5,701.07	95.93	60.431	
6,100.00	6,041.05	22,078.04	11,720.41	24.26	89.26	155.81	-823.37	334.94	5,698.89	5,602.72	96.18	59.253	
6,200.00	6,139.07	22,078.04	11,720.41	24.61	89.26	156.05	-823.37	334.94	5,600.97	5,504.54	96.43	58.080	
6,300.00	6,237.19	22,078.04	11,720.41	24.95	89.26	155.41	-823.37	334.94	5,503.10	5,406.40	96.70	56.911	
6,400.00	6,335.47	22,078.04	11,720.41	25.30	89.26	154.50	-823.37	334.94	5,405.16	5,308.20	96.96	55.746	
6,500.00	6,433.89	22,078.04	11,720.41	25.65	89.26	153.79	-823.37	334.94	5,307.18	5,209.95	97.23	54.585	
6,600.00	6,532.39	22,078.04	11,720.41	26.01	89.26	152.71	-823.37	334.94	5,209.16	5,111.66	97.50	53.428	
6,700.00	6,630.85	22,078.04	11,720.41	26.37	89.26	151.83	-823.37	334.94	5,111.08	5,013.31	97.78	52.273	
6,800.00	6,729.45	22,078.04	11,720.41	26.72	89.26	150.59	-823.37	334.94	5,012.95	4,914.90	98.06	51.124	
6,900.00	6,828.21	22,078.04	11,720.41	27.07	89.26	149.67	-823.37	334.94	4,914.75	4,816.42	98.34	49.979	
7,000.00	6,927.17	22,078.04	11,720.41	27.42	89.26	147.83	-823.37	334.94	4,816.48	4,717.86	98.62	48.839	
7,100.00	7,026.29	22,078.04	11,720.41	27.76	89.26	147.69	-823.37	334.94	4,718.13	4,619.23	98.90	47.705	
7,200.00	7,125.51	22,078.04	11,720.41	28.11	89.26	146.99	-823.37	334.94	4,619.80	4,520.61	99.19	46.576	
7,300.00	7,224.76	22,078.04	11,720.41	28.46	89.26	149.02	-823.37	334.94	4,521.54	4,422.06	99.48	45.453	
7,400.00	7,324.04	22,078.04	11,720.41	28.80	89.26	146.98	-823.37	334.94	4,423.35	4,323.57	99.77	44.334	
7,500.00	7,423.36	22,078.04	11,720.41	29.15	89.26	146.95	-823.37	334.94	4,325.16	4,225.08	100.07	43.220	
7,600.00	7,522.65	22,078.04	11,720.41	29.50	89.26	147.30	-823.37	334.94	4,227.09	4,126.71	100.38	42.110	
7,700.00	7,622.01	22,078.04	11,720.41	29.85	89.26	146.20	-823.37	334.94	4,129.03	4,028.34	100.69	41.006	
7,800.00	7,721.42	22,078.04	11,720.41	30.20	89.26	143.48	-823.37	334.94	4,030.97	3,929.96	101.01	39.906	
7,900.00	7,820.77	22,078.04	11,720.41	30.56	89.26	138.91	-823.37	334.94	3,932.84	3,831.50	101.34	38.810	
8,000.00	7,920.17	22,078.04	11,720.41	30.91	89.26	137.17	-823.37	334.94	3,834.68	3,733.02	101.67	37.718	
8,100.00	8,019.61	22,078.04	11,720.41	31.26	89.26	136.06	-823.37	334.94	3,736.51	3,634.50	102.00	36.631	
8,200.00	8,119.02	22,078.04	11,720.41	31.60	89.26	135.74	-823.37	334.94	3,638.45	3,536.11	102.35	35.550	
8,300.00	8,218.52	22,078.04	11,720.41	31.95	89.26	134.91	-823.37	334.94	3,540.41	3,437.71	102.70	34.474	
8,400.00	8,318.02	22,078.04	11,720.41	32.30	89.26	132.69	-823.37	334.94	3,442.45	3,339.39	103.05	33.404	
8,500.00	8,417.56	22,078.04	11,720.41	32.64	89.26	128.48	-823.37	334.94	3,344.44	3,241.02	103.42	32.339	
8,600.00	8,517.20	22,078.04	11,720.41	32.98	89.26	126.28	-823.37	334.94	3,246.36	3,142.58	103.78	31.280	
8,700.00	8,616.90	22,078.04	11,720.41	33.33	89.26	121.87	-823.37	334.94	3,148.31	3,044.15	104.16	30.227	
8,800.00	8,716.65	22,078.04	11,720.41	33.67	89.26	113.55	-823.37	334.94	3,050.17	2,945.64	104.53	29.180	
8,900.00	8,816.50	22,078.04	11,720.41	34.02	89.26	108.17	-823.37	334.94	2,951.96	2,847.06	104.90	28.140	
9,000.00	8,916.40	22,078.04	11,720.41	34.35	89.26	93.69	-823.37	334.94	2,853.73	2,748.45	105.28	27.106	
9,100.00	9,016.36	22,078.04	11,720.41	34.68	89.26	72.61	-823.37	334.94	2,755.43	2,649.78	105.65	26.080	
9,200.00	9,116.33	22,078.04	11,720.41	34.99	89.26	55.31	-823.37	334.94	2,657.14	2,551.11	106.03	25.061	
9,300.00	9,216.31	22,078.04	11,720.41	35.30	89.26	35.39	-823.37	334.94	2,558.97	2,452.56	106.41	24.048	
9,400.00	9,316.31	22,078.04	11,720.41	35.61	89.26	-28.06	-823.37	334.94	2,461.08	2,354.28	106.80	23.043	
9,500.00	9,416.31	22,078.04	11,720.41	35.94	89.26	-69.84	-823.37	334.94	2,363.46	2,256.25	107.21	22.045	
9,600.00	9,516.31	22,078.04	11,720.41	36.27	89.26	128.14	-823.37	334.94	2,266.09	2,158.45	107.63	21.054	
9,700.00	9,616.29	22,078.04	11,720.41	36.62	89.26	119.88	-823.37	334.94	2,169.11	2,061.02	108.10	20.067	
9,800.00	9,716.28	22,078.04	11,720.41	36.99	89.26	126.15	-823.37	334.94	2,072.50	1,963.91	108.59	19.086	
9,900.00	9,816.27	22,078.04	11,720.41	37.33	89.26	120.45	-823.37	334.94	1,976.21	1,867.11	109.10	18.114	
10,000.00	9,916.24	22,078.04	11,720.41	37.66	89.26	110.57	-823.37	334.94	1,880.27	1,770.62	109.65	17.148	
10,100.00	10,016.21	22,078.04	11,720.41	38.02	89.26	108.77	-823.37	334.94	1,784.75	1,674.52	110.23	16.191	
10,200.00	10,116.19	22,078.04	11,720.41	38.38	89.26	109.67	-823.37	334.94	1,689.72	1,578.86	110.86	15.242	
10,300.00	10,216.18	22,078.04	11,720.41	38.73	89.26	72.53	-823.37	334.94	1,595.14	1,483.62	111.52	14.304	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 605H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3720.90usft (H&P 313)
Reference Site:	Gouda Federal Com	MD Reference:	RKB @ 3720.90usft (H&P 313)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	605H	Survey Calculation Method:	Minimum Curvature
Well Error:	1.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ST01 / 67826	Database:	USA Compass
Reference Design:	Plan 2 05-25-21	Offset TVD Reference:	Reference Datum

Offset Design: Mozzarella Offsets - DR AWKWARD 17 8 FED COM 313H - OH - Plan 1													Offset Site Error:	0.00 usft	
Survey Program:		0-MWD+IFR1+MS		Reference		Offset		Semi Major Axis		Offset Wellbore Centre		Rule Assigned:		Offset Well Error:	1.00 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
10,400.00	10,316.15	22,078.04	11,720.41	39.06	89.26	71.07	-823.37	334.94	1,500.83	1,388.60	112.22	13.373			
10,500.00	10,416.12	22,078.04	11,720.41	39.38	89.26	50.72	-823.37	334.94	1,407.30	1,294.31	112.99	12.455			
10,600.00	10,516.05	22,078.04	11,720.41	39.70	89.26	24.39	-823.37	334.94	1,314.03	1,200.22	113.81	11.546			
10,700.00	10,615.97	22,078.04	11,720.41	40.02	89.26	-6.19	-823.37	334.94	1,221.41	1,106.74	114.67	10.652			
10,800.00	10,715.90	22,078.04	11,720.41	40.33	89.26	7.65	-823.37	334.94	1,130.18	1,014.56	115.62	9.775			
10,900.00	10,815.84	22,078.04	11,720.41	40.64	89.26	9.36	-823.37	334.94	1,040.64	923.94	116.70	8.917			
11,000.00	10,915.78	22,078.04	11,720.41	40.96	89.26	39.63	-823.37	334.94	953.37	835.41	117.96	8.082			
11,100.00	11,015.67	22,078.04	11,720.41	41.28	89.26	67.29	-823.37	334.94	869.07	749.62	119.45	7.276			
11,200.00	11,115.49	22,078.04	11,720.41	41.64	89.26	70.19	-823.37	334.94	788.67	667.34	121.33	6.500			
11,300.00	11,215.44	22,078.04	11,720.41	42.40	89.26	-121.74	-823.37	334.94	715.34	591.65	123.69	5.784			
11,400.00	11,314.29	22,078.04	11,720.41	43.44	89.26	-115.85	-823.37	334.94	653.07	526.64	126.43	5.165			
11,500.00	11,408.47	22,078.04	11,720.41	44.37	89.26	-119.40	-823.37	334.94	607.35	479.32	128.03	4.744			
11,600.00	11,494.30	22,078.04	11,720.41	45.62	89.26	-120.64	-823.37	334.94	584.10	456.17	127.93	4.566 SF			
11,634.75	11,521.50	22,078.04	11,720.41	45.97	89.26	-121.96	-823.37	334.94	582.28	454.78	127.50	4.567 CC, ES			
11,700.00	11,568.79	22,078.04	11,720.41	46.63	89.26	-123.23	-823.37	334.94	588.63	462.41	126.23	4.663			
11,800.00	11,632.71	22,078.04	11,720.41	47.17	89.26	-123.66	-823.37	334.94	621.05	497.71	123.34	5.035			
11,900.00	11,685.11	22,078.04	11,720.41	47.51	89.26	-116.84	-823.37	334.94	673.41	553.52	119.89	5.617			
12,000.00	11,724.52	22,078.04	11,720.41	47.79	89.26	-108.02	-823.37	334.94	736.44	620.09	116.35	6.329			
12,100.00	11,752.95	22,078.04	11,720.41	47.92	89.26	-100.61	-823.37	334.94	806.78	693.81	112.97	7.142			
12,200.00	11,764.14	22,078.04	11,720.41	47.98	89.26	-88.32	-823.37	334.94	886.57	776.40	110.17	8.047			
12,300.00	11,765.47	22,078.04	11,720.41	51.47	89.26	-87.24	-823.37	334.94	972.96	862.21	110.74	8.786			
12,400.00	11,766.78	22,078.04	11,720.41	51.50	89.26	-83.49	-823.37	334.94	1,064.03	954.71	109.32	9.733			
12,500.00	11,765.66	22,078.04	11,720.41	51.52	89.26	-82.20	-823.37	334.94	1,156.02	1,047.91	108.11	10.693			
12,600.00	11,764.36	22,078.04	11,720.41	51.55	89.26	-82.20	-823.37	334.94	1,249.20	1,142.09	107.11	11.662			
12,700.00	11,763.06	22,078.04	11,720.41	51.58	89.26	-82.33	-823.37	334.94	1,343.35	1,237.07	106.28	12.639			
12,800.00	11,761.75	22,078.04	11,720.41	51.62	89.26	-83.06	-823.37	334.94	1,437.57	1,332.03	105.54	13.621			
12,900.00	11,760.44	22,078.04	11,720.41	51.65	89.26	-83.55	-823.37	334.94	1,531.47	1,426.62	104.85	14.607			
13,000.00	11,759.13	22,078.04	11,720.41	51.68	89.26	-83.55	-823.37	334.94	1,625.79	1,521.54	104.24	15.596			
13,100.00	11,757.83	22,078.04	11,720.41	51.71	89.26	-83.55	-823.37	334.94	1,720.75	1,617.02	103.73	16.588			
13,200.00	11,756.52	22,078.04	11,720.41	51.74	89.26	-83.55	-823.37	334.94	1,816.26	1,712.96	103.30	17.583			
13,300.00	11,755.21	22,078.04	11,720.41	51.78	89.26	-83.55	-823.37	334.94	1,912.22	1,809.30	102.93	18.578			
13,400.00	11,753.90	22,078.04	11,720.41	51.81	89.26	-83.55	-823.37	334.94	2,008.58	1,905.97	102.61	19.575			
13,500.00	11,752.59	22,078.04	11,720.41	51.85	89.26	-83.55	-823.37	334.94	2,105.28	2,002.94	102.34	20.572			
13,600.00	11,751.28	22,078.04	11,720.41	51.89	89.26	-83.55	-823.37	334.94	2,202.27	2,100.17	102.10	21.570			
13,700.00	11,749.97	22,078.04	11,720.41	51.92	89.26	-83.55	-823.37	334.94	2,299.52	2,197.62	101.90	22.567			
13,800.00	11,748.66	22,078.04	11,720.41	51.96	89.26	-83.55	-823.37	334.94	2,397.00	2,295.28	101.72	23.564			
13,900.00	11,747.35	22,078.04	11,720.41	52.00	89.26	-83.55	-823.37	334.94	2,494.68	2,393.10	101.57	24.560			
14,000.00	11,746.05	22,078.04	11,720.41	52.05	89.26	-83.55	-823.37	334.94	2,592.53	2,491.09	101.44	25.556			
14,100.00	11,744.74	22,078.04	11,720.41	52.09	89.26	-83.55	-823.37	334.94	2,690.54	2,589.21	101.33	26.551			
14,200.00	11,743.43	22,078.04	11,720.41	52.13	89.26	-83.55	-823.37	334.94	2,788.69	2,687.46	101.24	27.546			
14,300.00	11,742.12	22,078.04	11,720.41	52.18	89.26	-83.55	-823.37	334.94	2,886.97	2,785.82	101.16	28.539			
14,400.00	11,740.81	22,078.04	11,720.41	52.22	89.26	-83.55	-823.37	334.94	2,985.37	2,884.28	101.09	29.532			
14,500.00	11,739.50	22,078.04	11,720.41	52.27	89.26	-83.55	-823.37	334.94	3,083.87	2,982.83	101.03	30.523			
14,600.00	11,738.19	22,078.04	11,720.41	52.32	89.26	-83.55	-823.37	334.94	3,182.46	3,081.47	100.99	31.514			
14,700.00	11,736.88	22,078.04	11,720.41	52.37	89.26	-83.55	-823.37	334.94	3,281.13	3,180.18	100.95	32.503			
14,800.00	11,735.57	22,078.04	11,720.41	52.42	89.26	-83.55	-823.37	334.94	3,379.89	3,278.97	100.92	33.491			
14,900.00	11,734.26	22,078.04	11,720.41	52.47	89.26	-83.55	-823.37	334.94	3,478.71	3,377.81	100.90	34.478			
15,000.00	11,732.96	22,078.04	11,720.41	52.52	89.26	-83.55	-823.37	334.94	3,577.60	3,476.72	100.88	35.464			
15,100.00	11,731.65	22,078.04	11,720.41	52.57	89.26	-83.55	-823.37	334.94	3,676.55	3,575.68	100.87	36.448			
15,200.00	11,730.34	22,078.04	11,720.41	52.63	89.26	-83.55	-823.37	334.94	3,775.56	3,674.69	100.87	37.431			
15,300.00	11,729.03	22,078.04	11,720.41	52.68	89.26	-83.55	-823.37	334.94	3,874.62	3,773.75	100.87	38.413			
15,400.00	11,727.72	22,078.04	11,720.41	52.74	89.26	-83.55	-823.37	334.94	3,973.72	3,872.85	100.87	39.393			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 605H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3720.90usft (H&P 313)
Reference Site:	Gouda Federal Com	MD Reference:	RKB @ 3720.90usft (H&P 313)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	605H	Survey Calculation Method:	Minimum Curvature
Well Error:	1.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ST01 / 67826	Database:	USA Compass
Reference Design:	Plan 2 05-25-21	Offset TVD Reference:	Reference Datum

Offset Design: Mozzarella Offsets - DR AWKWARD 17 8 FED COM 313H - OH - Plan 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IFR1+MS												Offset Well Error:	1.00 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Semi Major Axis Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre		Distance Between Centres (usft)	Rule Assigned: Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,500.00	11,726.41	22,078.04	11,720.41	52.81	89.26	-83.55	-823.37	334.94	4,072.87	3,971.99	100.88	40.373	
15,600.00	11,725.10	22,078.04	11,720.41	52.89	89.26	-83.55	-823.37	334.94	4,172.06	4,071.16	100.90	41.350	
15,700.00	11,723.79	22,078.04	11,720.41	53.06	89.26	-83.55	-823.37	334.94	4,271.28	4,170.37	100.91	42.327	
15,800.00	11,722.48	22,078.04	11,720.41	53.38	89.26	-83.55	-823.37	334.94	4,370.54	4,269.61	100.93	43.301	
15,900.00	11,721.17	22,078.04	11,720.41	53.76	89.26	-83.55	-823.37	334.94	4,469.84	4,368.88	100.96	44.275	
16,000.00	11,719.87	22,078.04	11,720.41	54.16	89.26	-83.55	-823.37	334.94	4,569.16	4,468.18	100.98	45.247	
16,100.00	11,718.56	22,078.04	11,720.41	54.57	89.26	-83.55	-823.37	334.94	4,668.52	4,567.51	101.01	46.217	
16,200.00	11,717.25	22,078.04	11,720.41	54.99	89.26	-83.55	-823.37	334.94	4,767.90	4,666.85	101.04	47.186	
16,300.00	11,715.94	22,078.04	11,720.41	55.42	89.26	-83.55	-823.37	334.94	4,867.31	4,766.23	101.08	48.153	
16,400.00	11,714.63	22,078.04	11,720.41	55.85	89.26	-83.55	-823.37	334.94	4,966.74	4,865.62	101.12	49.119	
16,500.00	11,713.32	22,078.04	11,720.41	56.30	89.26	-83.55	-823.37	334.94	5,066.19	4,965.03	101.16	50.083	
16,600.00	11,712.01	22,078.04	11,720.41	56.75	89.26	-83.55	-823.37	334.94	5,165.66	5,064.47	101.20	51.046	
16,700.00	11,710.70	22,078.04	11,720.41	57.20	89.26	-83.55	-823.37	334.94	5,265.16	5,163.92	101.24	52.007	
16,800.00	11,709.39	22,078.04	11,720.41	57.67	89.26	-83.55	-823.37	334.94	5,364.67	5,263.38	101.28	52.966	
16,900.00	11,708.08	22,078.04	11,720.41	58.14	89.26	-83.55	-823.37	334.94	5,464.20	5,362.87	101.33	53.924	
17,000.00	11,706.78	22,078.04	11,720.41	58.61	89.26	-83.55	-823.37	334.94	5,563.75	5,462.37	101.38	54.880	
17,100.00	11,705.47	22,078.04	11,720.41	59.10	89.26	-83.55	-823.37	334.94	5,663.31	5,561.88	101.43	55.834	
17,200.00	11,704.16	22,078.04	11,720.41	59.59	89.26	-83.55	-823.37	334.94	5,762.89	5,661.41	101.48	56.787	
17,300.00	11,702.85	22,078.04	11,720.41	60.08	89.26	-83.55	-823.37	334.94	5,862.48	5,760.95	101.54	57.738	
17,400.00	11,701.54	22,078.04	11,720.41	60.58	89.26	-83.55	-823.37	334.94	5,962.09	5,860.50	101.59	58.687	
17,500.00	11,700.23	22,078.04	11,720.41	61.08	89.26	-83.55	-823.37	334.94	6,061.71	5,960.06	101.65	59.635	
17,600.00	11,698.92	22,078.04	11,720.41	61.60	89.26	-83.55	-823.37	334.94	6,161.34	6,059.63	101.70	60.581	
17,700.00	11,697.61	22,078.04	11,720.41	62.11	89.26	-83.55	-823.37	334.94	6,260.98	6,159.22	101.76	61.525	
17,800.00	11,696.30	22,078.04	11,720.41	62.63	89.26	-83.55	-823.37	334.94	6,360.64	6,258.81	101.82	62.467	
17,900.00	11,695.00	22,078.04	11,720.41	63.16	89.26	-83.55	-823.37	334.94	6,460.30	6,358.42	101.89	63.407	
18,000.00	11,693.69	22,078.04	11,720.41	63.69	89.26	-83.55	-823.37	334.94	6,559.98	6,458.03	101.95	64.346	
18,100.00	11,692.38	22,078.04	11,720.41	64.23	89.26	-83.55	-823.37	334.94	6,659.66	6,557.65	102.01	65.283	
18,200.00	11,691.07	22,078.04	11,720.41	64.77	89.26	-83.55	-823.37	334.94	6,759.36	6,657.28	102.08	66.218	
18,300.00	11,689.76	22,078.04	11,720.41	65.31	89.26	-83.55	-823.37	334.94	6,859.06	6,756.92	102.14	67.151	
18,400.00	11,688.45	22,078.04	11,720.41	65.86	89.26	-83.55	-823.37	334.94	6,958.77	6,856.56	102.21	68.082	
18,500.00	11,687.14	22,078.04	11,720.41	66.41	89.26	-83.55	-823.37	334.94	7,058.49	6,956.21	102.28	69.012	
18,600.00	11,685.83	22,078.04	11,720.41	66.97	89.26	-83.55	-823.37	334.94	7,158.22	7,055.87	102.35	69.939	
18,700.00	11,684.52	22,078.04	11,720.41	67.53	89.26	-83.55	-823.37	334.94	7,257.96	7,155.54	102.42	70.865	
18,800.00	11,683.22	22,078.04	11,720.41	68.10	89.26	-83.55	-823.37	334.94	7,357.70	7,255.21	102.49	71.789	
18,900.00	11,681.91	22,078.04	11,720.41	68.67	89.26	-83.55	-823.37	334.94	7,457.45	7,354.88	102.56	72.711	
19,000.00	11,680.60	22,078.04	11,720.41	69.24	89.26	-83.55	-823.37	334.94	7,557.20	7,454.57	102.64	73.631	
19,100.00	11,679.29	22,078.04	11,720.41	69.82	89.26	-83.55	-823.37	334.94	7,656.97	7,554.26	102.71	74.549	
19,200.00	11,677.98	22,078.04	11,720.41	70.40	89.26	-83.55	-823.37	334.94	7,756.74	7,653.95	102.79	75.465	
19,300.00	11,676.67	22,078.04	11,720.41	70.98	89.26	-83.55	-823.37	334.94	7,856.51	7,753.65	102.86	76.379	
19,400.00	11,675.36	22,078.04	11,720.41	71.57	89.26	-83.55	-823.37	334.94	7,956.29	7,853.35	102.94	77.291	
19,500.00	11,674.05	22,078.04	11,720.41	72.16	89.26	-83.55	-823.37	334.94	8,056.08	7,953.06	103.02	78.201	
19,600.00	11,672.74	22,078.04	11,720.41	72.76	89.26	-83.55	-823.37	334.94	8,155.87	8,052.77	103.10	79.109	
19,700.00	11,671.43	22,078.04	11,720.41	73.36	89.26	-83.55	-823.37	334.94	8,255.66	8,152.49	103.18	80.016	
19,800.00	11,670.13	22,078.04	11,720.41	73.96	89.26	-83.55	-823.37	334.94	8,355.46	8,252.21	103.26	80.920	
19,900.00	11,668.82	22,078.04	11,720.41	74.56	89.26	-83.55	-823.37	334.94	8,455.27	8,351.93	103.34	81.822	
20,000.00	11,667.51	22,078.04	11,720.41	75.17	89.26	-83.55	-823.37	334.94	8,555.08	8,451.66	103.42	82.722	
20,100.00	11,666.20	22,078.04	11,720.41	75.78	89.26	-83.55	-823.37	334.94	8,654.89	8,551.39	103.50	83.620	
20,200.00	11,664.89	22,078.04	11,720.41	76.39	89.26	-83.55	-823.37	334.94	8,754.71	8,651.13	103.59	84.517	
20,300.00	11,663.58	22,078.04	11,720.41	77.00	89.26	-83.55	-823.37	334.94	8,854.53	8,750.86	103.67	85.411	
20,400.00	11,662.27	22,078.04	11,720.41	77.62	89.26	-83.55	-823.37	334.94	8,954.36	8,850.60	103.76	86.303	
20,500.00	11,660.96	22,078.04	11,720.41	78.24	89.26	-83.55	-823.37	334.94	9,054.19	8,950.35	103.84	87.193	
20,600.00	11,659.65	22,078.04	11,720.41	78.86	89.26	-83.55	-823.37	334.94	9,154.03	9,050.10	103.93	88.080	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 605H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3720.90usft (H&P 313)
Reference Site:	Gouda Federal Com	MD Reference:	RKB @ 3720.90usft (H&P 313)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	605H	Survey Calculation Method:	Minimum Curvature
Well Error:	1.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ST01 / 67826	Database:	USA Compass
Reference Design:	Plan 2 05-25-21	Offset TVD Reference:	Reference Datum

Offset Design: Mozzarella Offsets - DR AWKWARD 17 8 FED COM 313H - OH - Plan 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IFR1+MS												Offset Well Error:	1.00 usft
Reference	Offset	Semi Major Axis	Highside	Offset Wellbore Centre		Rule Assigned:		Distance		Minimum	Separation	Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Separation (usft)		
20,700.00	11,658.34	22,078.04	11,720.41	79.49	89.26	-83.55	-823.37	334.94	9,253.86	9,149.85	104.02	88.966	
20,800.00	11,657.04	22,078.04	11,720.41	80.12	89.26	-83.55	-823.37	334.94	9,353.70	9,249.60	104.10	89.850	
20,900.00	11,655.73	22,078.04	11,720.41	80.75	89.26	-83.55	-823.37	334.94	9,453.55	9,349.36	104.19	90.732	
21,000.00	11,654.42	22,078.04	11,720.41	81.38	89.26	-83.55	-823.37	334.94	9,553.40	9,449.11	104.28	91.611	
21,100.00	11,653.11	22,078.04	11,720.41	82.02	89.26	-83.55	-823.37	334.94	9,653.25	9,548.88	104.37	92.489	
21,200.00	11,651.80	22,078.04	11,720.41	82.65	89.26	-83.55	-823.37	334.94	9,753.10	9,648.64	104.46	93.364	
21,300.00	11,650.49	22,078.04	11,720.41	83.29	89.26	-83.55	-823.37	334.94	9,852.96	9,748.40	104.55	94.237	
21,400.00	11,649.18	22,078.04	11,720.41	83.93	89.26	-83.55	-823.37	334.94	9,952.82	9,848.17	104.65	95.108	
21,500.00	11,647.87	22,078.04	11,720.41	84.58	89.26	-83.55	-823.37	334.94	10,052.68	9,947.94	104.74	95.977	
21,600.00	11,646.56	22,078.04	11,720.41	85.22	89.26	-83.55	-823.37	334.94	10,152.55	10,047.71	104.83	96.844	
21,700.00	11,645.26	22,078.04	11,720.41	85.87	89.26	-83.55	-823.37	334.94	10,252.41	10,147.49	104.93	97.709	
21,800.00	11,643.95	22,078.04	11,720.41	86.52	89.26	-83.55	-823.37	334.94	10,352.28	10,247.26	105.02	98.572	
21,900.00	11,642.64	22,078.04	11,720.41	87.17	89.26	-83.55	-823.37	334.94	10,452.16	10,347.04	105.12	99.432	
21,983.82	11,641.54	22,078.04	11,720.41	87.72	89.26	-83.55	-823.37	334.94	10,535.87	10,430.67	105.20	100.152	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 605H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3720.90usft (H&P 313)
Reference Site:	Gouda Federal Com	MD Reference:	RKB @ 3720.90usft (H&P 313)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	605H	Survey Calculation Method:	Minimum Curvature
Well Error:	1.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ST01 / 67826	Database:	USA Compass
Reference Design:	Plan 2 05-25-21	Offset TVD Reference:	Reference Datum

Offset Design: Mozzarella Offsets - DR AWKWARD 17 8 FED COM 34H - OH - Plan 1													Offset Site Error: 0.00 usft
Survey Program: 0-MWD+IFR1+MS													Offset Well Error: 1.00 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre		Distance Between Centres (usft)	Rule Assigned: Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
							+N/-S (usft)	+E/-W (usft)					
0.00	0.00	0.00	20.40	1.00	1.00	-178.86	-11,092.39	-221.24	11,094.61				
100.00	100.00	79.60	100.00	1.15	1.02	129.21	-11,092.39	-221.24	11,094.69	11,092.67	2.02	5,479.787	
200.00	200.00	179.60	200.00	1.67	1.27	129.21	-11,092.39	-221.24	11,094.98	11,092.74	2.24	4,952.654	
300.00	300.00	279.60	300.00	2.54	1.66	150.55	-11,092.39	-221.24	11,095.43	11,092.65	2.78	3,987.668	
400.00	400.00	379.60	400.00	3.53	2.04	170.13	-11,092.39	-221.24	11,096.02	11,092.55	3.47	3,199.011	
500.00	499.99	479.59	499.99	3.88	2.42	173.59	-11,092.39	-221.24	11,096.84	11,092.62	4.22	2,630.776	
600.00	599.98	579.58	599.98	4.12	2.79	151.29	-11,092.39	-221.24	11,097.94	11,093.07	4.86	2,281.353	
700.00	699.98	679.58	699.98	4.36	3.15	166.96	-11,092.39	-221.24	11,099.09	11,093.59	5.50	2,016.327	
800.00	799.97	779.57	799.97	4.72	3.52	163.67	-11,092.39	-221.24	11,100.15	11,093.95	6.21	1,788.720	
900.00	899.96	879.56	899.96	5.05	3.88	129.86	-11,092.39	-221.24	11,101.16	11,094.27	6.90	1,609.720	
1,000.00	999.94	22,301.84	11,970.40	5.30	89.60	115.25	-827.20	-305.04	11,006.45	10,917.58	88.88	123.839	
1,100.00	1,099.80	22,301.84	11,970.40	5.53	89.60	120.93	-827.20	-305.04	10,906.89	10,817.96	88.93	122.646	
1,200.00	1,199.62	22,301.84	11,970.40	5.77	89.60	120.08	-827.20	-305.04	10,807.33	10,718.34	88.99	121.450	
1,300.00	1,299.45	22,301.84	11,970.40	6.01	89.60	117.67	-827.20	-305.04	10,707.76	10,618.72	89.05	120.249	
1,400.00	1,399.28	22,301.84	11,970.40	6.26	89.60	117.44	-827.20	-305.04	10,608.18	10,519.07	89.11	119.044	
1,500.00	1,499.12	22,301.84	11,970.40	6.52	89.60	117.82	-827.20	-305.04	10,508.62	10,419.44	89.18	117.836	
1,600.00	1,598.96	22,301.84	11,970.40	6.79	89.60	119.31	-827.20	-305.04	10,409.08	10,319.83	89.25	116.626	
1,700.00	1,698.80	22,301.84	11,970.40	7.07	89.60	120.83	-827.20	-305.04	10,309.56	10,220.24	89.33	115.413	
1,800.00	1,798.65	22,301.84	11,970.40	7.39	89.60	122.38	-827.20	-305.04	10,210.08	10,120.67	89.41	114.195	
1,900.00	1,898.49	22,301.84	11,970.40	7.82	89.60	124.03	-827.20	-305.04	10,110.62	10,021.13	89.49	112.980	
2,000.00	1,998.33	22,301.84	11,970.40	8.37	89.60	126.99	-827.20	-305.04	10,011.20	9,921.62	89.58	111.759	
2,100.00	2,098.16	22,301.84	11,970.40	8.95	89.60	130.00	-827.20	-305.04	9,911.83	9,822.17	89.67	110.541	
2,200.00	2,197.94	22,301.84	11,970.40	9.49	89.60	135.34	-827.20	-305.04	9,812.57	9,722.80	89.76	109.319	
2,300.00	2,297.61	22,301.84	11,970.40	9.99	89.60	139.18	-827.20	-305.04	9,713.44	9,623.59	89.86	108.100	
2,400.00	2,397.16	22,301.84	11,970.40	10.34	89.60	140.64	-827.20	-305.04	9,614.45	9,524.49	89.96	106.879	
2,500.00	2,496.51	22,301.84	11,970.40	10.68	89.60	142.61	-827.20	-305.04	9,515.57	9,425.51	90.06	105.654	
2,600.00	2,595.78	22,301.84	11,970.40	11.01	89.60	143.97	-827.20	-305.04	9,416.81	9,326.64	90.18	104.428	
2,700.00	2,695.02	22,301.84	11,970.40	11.34	89.60	143.37	-827.20	-305.04	9,318.14	9,227.85	90.29	103.202	
2,800.00	2,794.12	22,301.84	11,970.40	11.69	89.60	143.71	-827.20	-305.04	9,219.41	9,128.99	90.41	101.971	
2,900.00	2,893.09	22,301.84	11,970.40	12.03	89.60	145.63	-827.20	-305.04	9,120.84	9,030.30	90.54	100.742	
3,000.00	2,991.97	22,301.84	11,970.40	12.39	89.60	146.46	-827.20	-305.04	9,022.39	8,931.73	90.66	99.514	
3,100.00	3,090.57	22,301.84	11,970.40	12.78	89.60	147.04	-827.20	-305.04	8,924.02	8,833.22	90.80	98.283	
3,200.00	3,189.22	22,301.84	11,970.40	13.13	89.60	146.85	-827.20	-305.04	8,825.69	8,734.75	90.94	97.052	
3,300.00	3,287.77	22,301.84	11,970.40	13.48	89.60	147.97	-827.20	-305.04	8,727.41	8,636.33	91.08	95.821	
3,400.00	3,386.10	22,301.84	11,970.40	13.83	89.60	149.03	-827.20	-305.04	8,629.27	8,538.04	91.23	94.590	
3,500.00	3,484.44	22,301.84	11,970.40	14.16	89.60	149.02	-827.20	-305.04	8,531.25	8,439.87	91.38	93.361	
3,600.00	3,582.84	22,301.84	11,970.40	14.49	89.60	149.37	-827.20	-305.04	8,433.30	8,341.77	91.54	92.132	
3,700.00	3,681.12	22,301.84	11,970.40	14.84	89.60	152.00	-827.20	-305.04	8,335.61	8,243.92	91.70	90.906	
3,800.00	3,778.89	22,301.84	11,970.40	15.24	89.60	154.93	-827.20	-305.04	8,238.48	8,146.61	91.87	89.678	
3,900.00	3,876.16	22,301.84	11,970.40	15.64	89.60	156.85	-827.20	-305.04	8,141.99	8,049.94	92.05	88.456	
4,000.00	3,973.22	22,301.84	11,970.40	16.08	89.60	157.01	-827.20	-305.04	8,045.86	7,953.63	92.23	87.235	
4,100.00	4,070.15	22,301.84	11,970.40	16.52	89.60	156.86	-827.20	-305.04	7,949.90	7,857.48	92.42	86.016	
4,200.00	4,167.32	22,301.84	11,970.40	16.98	89.60	155.12	-827.20	-305.04	7,853.73	7,761.11	92.62	84.792	
4,300.00	4,264.87	22,301.84	11,970.40	17.41	89.60	153.80	-827.20	-305.04	7,757.18	7,664.35	92.82	83.568	
4,400.00	4,362.56	22,301.84	11,970.40	17.79	89.60	151.83	-827.20	-305.04	7,660.56	7,567.53	93.03	82.347	
4,500.00	4,460.80	22,301.84	11,970.40	18.21	89.60	146.54	-827.20	-305.04	7,563.14	7,469.91	93.23	81.124	
4,600.00	4,559.38	22,301.84	11,970.40	18.59	89.60	144.93	-827.20	-305.04	7,465.42	7,371.99	93.43	79.905	
4,700.00	4,658.16	22,301.84	11,970.40	18.95	89.60	143.81	-827.20	-305.04	7,367.57	7,273.94	93.63	78.691	
4,800.00	4,757.04	22,301.84	11,970.40	19.33	89.60	144.20	-827.20	-305.04	7,269.73	7,175.91	93.83	77.481	
4,900.00	4,855.98	22,301.84	11,970.40	19.69	89.60	145.18	-827.20	-305.04	7,171.98	7,077.95	94.03	76.276	
5,000.00	4,954.93	22,301.84	11,970.40	20.04	89.60	146.22	-827.20	-305.04	7,074.37	6,980.14	94.23	75.073	
5,100.00	5,053.83	22,301.84	11,970.40	20.38	89.60	148.37	-827.20	-305.04	6,976.95	6,882.51	94.44	73.874	

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Anticollision Report



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Reference Well:	605H	Survey Calculation Method:	Minimum Curvature
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Reference Design:	Plan 2 05-25-21	Offset TVD Reference:	Reference Datum

Offset Design: Mozzarella Offsets - DR AWKWARD 17 8 FED COM 34H - OH - Plan 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD+HFR1+MS												Offset Well Error:	1.00 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned: Distance		Minimum Separation (usft)	Separation Factor	Warning
							+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
5,200.00	5,152.66	22,301.84	11,970.40	20.72	89.60	147.46	-827.20	-305.04	6,879.74	6,785.08	94.66	72.678	
5,300.00	5,251.38	22,301.84	11,970.40	21.07	89.60	144.44	-827.20	-305.04	6,782.49	6,687.60	94.88	71.482	
5,400.00	5,350.06	22,301.84	11,970.40	21.43	89.60	145.15	-827.20	-305.04	6,685.23	6,590.11	95.11	70.289	
5,500.00	5,448.81	22,301.84	11,970.40	21.77	89.60	145.56	-827.20	-305.04	6,588.07	6,492.73	95.34	69.099	
5,600.00	5,547.70	22,301.84	11,970.40	22.12	89.60	144.61	-827.20	-305.04	6,490.90	6,395.32	95.58	67.913	
5,700.00	5,646.74	22,301.84	11,970.40	22.46	89.60	144.83	-827.20	-305.04	6,393.68	6,297.86	95.81	66.732	
5,800.00	5,745.81	22,301.84	11,970.40	22.83	89.60	146.11	-827.20	-305.04	6,296.56	6,200.51	96.05	65.553	
5,900.00	5,844.62	22,301.84	11,970.40	23.36	89.60	147.73	-827.20	-305.04	6,199.87	6,103.55	96.32	64.369	
6,000.00	5,942.95	22,301.84	11,970.40	23.86	89.60	149.38	-827.20	-305.04	6,103.80	6,007.21	96.59	63.192	
6,100.00	6,041.05	22,301.84	11,970.40	24.26	89.60	150.36	-827.20	-305.04	6,008.17	5,911.30	96.87	62.024	
6,200.00	6,139.07	22,301.84	11,970.40	24.61	89.60	151.16	-827.20	-305.04	5,912.86	5,815.71	97.15	60.862	
6,300.00	6,237.19	22,301.84	11,970.40	24.95	89.60	151.35	-827.20	-305.04	5,817.68	5,720.24	97.44	59.705	
6,400.00	6,335.47	22,301.84	11,970.40	25.30	89.60	150.77	-827.20	-305.04	5,722.49	5,624.75	97.73	58.552	
6,500.00	6,433.89	22,301.84	11,970.40	25.65	89.60	150.62	-827.20	-305.04	5,627.26	5,529.23	98.03	57.404	
6,600.00	6,532.39	22,301.84	11,970.40	26.01	89.60	147.89	-827.20	-305.04	5,532.05	5,433.72	98.33	56.259	
6,700.00	6,630.85	22,301.84	11,970.40	26.37	89.60	146.41	-827.20	-305.04	5,436.75	5,338.11	98.64	55.118	
6,800.00	6,729.45	22,301.84	11,970.40	26.72	89.60	145.56	-827.20	-305.04	5,341.44	5,242.49	98.95	53.981	
6,900.00	6,828.21	22,301.84	11,970.40	27.07	89.60	145.96	-827.20	-305.04	5,246.09	5,146.82	99.26	52.850	
7,000.00	6,927.17	22,301.84	11,970.40	27.42	89.60	145.36	-827.20	-305.04	5,150.71	5,051.13	99.58	51.724	
7,100.00	7,026.29	22,301.84	11,970.40	27.76	89.60	146.61	-827.20	-305.04	5,055.27	4,955.37	99.90	50.603	
7,200.00	7,125.51	22,301.84	11,970.40	28.11	89.60	146.43	-827.20	-305.04	4,959.94	4,859.71	100.22	49.489	
7,300.00	7,224.76	22,301.84	11,970.40	28.46	89.60	149.69	-827.20	-305.04	4,864.78	4,764.23	100.55	48.381	
7,400.00	7,324.04	22,301.84	11,970.40	28.80	89.60	147.00	-827.20	-305.04	4,769.81	4,668.93	100.89	47.279	
7,500.00	7,423.36	22,301.84	11,970.40	29.15	89.60	147.46	-827.20	-305.04	4,674.92	4,573.69	101.23	46.181	
7,600.00	7,522.65	22,301.84	11,970.40	29.50	89.60	147.40	-827.20	-305.04	4,580.31	4,478.72	101.58	45.090	
7,700.00	7,622.01	22,301.84	11,970.40	29.85	89.60	147.28	-827.20	-305.04	4,485.79	4,383.85	101.94	44.004	
7,800.00	7,721.42	22,301.84	11,970.40	30.20	89.60	143.56	-827.20	-305.04	4,391.34	4,289.04	102.31	42.923	
7,900.00	7,820.77	22,301.84	11,970.40	30.56	89.60	136.64	-827.20	-305.04	4,296.87	4,194.19	102.68	41.846	
8,000.00	7,920.17	22,301.84	11,970.40	30.91	89.60	135.40	-827.20	-305.04	4,202.44	4,099.38	103.07	40.774	
8,100.00	8,019.61	22,301.84	11,970.40	31.26	89.60	133.96	-827.20	-305.04	4,108.07	4,004.61	103.46	39.708	
8,200.00	8,119.02	22,301.84	11,970.40	31.60	89.60	133.90	-827.20	-305.04	4,014.02	3,910.16	103.86	38.649	
8,300.00	8,218.52	22,301.84	11,970.40	31.95	89.60	133.50	-827.20	-305.04	3,920.08	3,815.81	104.27	37.596	
8,400.00	8,318.02	22,301.84	11,970.40	32.30	89.60	130.82	-827.20	-305.04	3,826.41	3,721.72	104.69	36.550	
8,500.00	8,417.56	22,301.84	11,970.40	32.64	89.60	127.09	-827.20	-305.04	3,732.76	3,627.65	105.12	35.510	
8,600.00	8,517.20	22,301.84	11,970.40	32.98	89.60	125.89	-827.20	-305.04	3,639.14	3,533.58	105.55	34.476	
8,700.00	8,616.90	22,301.84	11,970.40	33.33	89.60	121.44	-827.20	-305.04	3,545.67	3,439.67	106.00	33.450	
8,800.00	8,716.65	22,301.84	11,970.40	33.67	89.60	114.70	-827.20	-305.04	3,452.21	3,345.76	106.45	32.430	
8,900.00	8,816.50	22,301.84	11,970.40	34.02	89.60	110.43	-827.20	-305.04	3,358.73	3,251.82	106.91	31.417	
9,000.00	8,916.40	22,301.84	11,970.40	34.35	89.60	98.07	-827.20	-305.04	3,265.35	3,157.98	107.37	30.412	
9,100.00	9,016.36	22,301.84	11,970.40	34.68	89.60	78.98	-827.20	-305.04	3,171.97	3,064.13	107.84	29.414	
9,200.00	9,116.33	22,301.84	11,970.40	34.99	89.60	62.62	-827.20	-305.04	3,078.75	2,970.43	108.31	28.425	
9,300.00	9,216.31	22,301.84	11,970.40	35.30	89.60	44.28	-827.20	-305.04	2,985.89	2,877.09	108.80	27.444	
9,400.00	9,316.31	22,301.84	11,970.40	35.61	89.60	-18.22	-827.20	-305.04	2,893.71	2,784.40	109.30	26.475	
9,500.00	9,416.31	22,301.84	11,970.40	35.94	89.60	-59.91	-827.20	-305.04	2,802.20	2,692.38	109.82	25.516	
9,600.00	9,516.31	22,301.84	11,970.40	36.27	89.60	137.37	-827.20	-305.04	2,711.36	2,600.99	110.37	24.567	
9,700.00	9,616.29	22,301.84	11,970.40	36.62	89.60	127.36	-827.20	-305.04	2,621.58	2,510.62	110.96	23.627	
9,800.00	9,716.28	22,301.84	11,970.40	36.99	89.60	134.03	-827.20	-305.04	2,532.71	2,421.12	111.59	22.697	
9,900.00	9,816.27	22,301.84	11,970.40	37.33	89.60	128.18	-827.20	-305.04	2,444.66	2,332.42	112.24	21.781	
10,000.00	9,916.24	22,301.84	11,970.40	37.66	89.60	117.66	-827.20	-305.04	2,357.54	2,244.61	112.93	20.876	
10,100.00	10,016.21	22,301.84	11,970.40	38.02	89.60	115.88	-827.20	-305.04	2,271.46	2,157.81	113.66	19.985	
10,200.00	10,116.19	22,301.84	11,970.40	38.38	89.60	117.21	-827.20	-305.04	2,186.50	2,072.08	114.42	19.109	
10,300.00	10,216.18	22,301.84	11,970.40	38.73	89.60	79.92	-827.20	-305.04	2,102.58	1,987.36	115.22	18.248	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 605H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3720.90usft (H&P 313)
Reference Site:	Gouda Federal Com	MD Reference:	RKB @ 3720.90usft (H&P 313)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	605H	Survey Calculation Method:	Minimum Curvature
Well Error:	1.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ST01 / 67826	Database:	USA Compass
Reference Design:	Plan 2 05-25-21	Offset TVD Reference:	Reference Datum

Offset Design: Mozzarella Offsets - DR AWKWARD 17 8 FED COM 34H - OH - Plan 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IFR1+MS		Reference Offset		Semi Major Axis		Offset Wellbore Centre		Rule Assigned: Distance				Offset Well Error:	1.00 usft	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
10,400.00	10,316.15	22,301.84	11,970.40	39.06	89.60	78.38	-827.20	-305.04	2,019.47	1,903.40	116.07	17.399		
10,500.00	10,416.12	22,301.84	11,970.40	39.38	89.60	58.06	-827.20	-305.04	1,937.94	1,820.99	116.95	16.570		
10,600.00	10,516.05	22,301.84	11,970.40	39.70	89.60	32.29	-827.20	-305.04	1,857.10	1,739.23	117.87	15.755		
10,700.00	10,615.97	22,301.84	11,970.40	40.02	89.60	2.95	-827.20	-305.04	1,777.49	1,658.67	118.82	14.960		
10,800.00	10,715.90	22,301.84	11,970.40	40.33	89.60	16.35	-827.20	-305.04	1,700.12	1,580.31	119.81	14.190		
10,900.00	10,815.84	22,301.84	11,970.40	40.64	89.60	17.98	-827.20	-305.04	1,625.41	1,504.55	120.86	13.449		
11,000.00	10,915.78	22,301.84	11,970.40	40.96	89.60	47.36	-827.20	-305.04	1,553.91	1,431.92	121.99	12.738		
11,100.00	11,015.67	22,301.84	11,970.40	41.28	89.60	74.12	-827.20	-305.04	1,486.20	1,363.00	123.20	12.064		
11,200.00	11,115.49	22,301.84	11,970.40	41.64	89.60	77.27	-827.20	-305.04	1,422.76	1,298.09	124.67	11.412		
11,300.00	11,215.44	22,301.84	11,970.40	42.40	89.60	-112.94	-827.20	-305.04	1,365.49	1,238.85	126.64	10.783		
11,400.00	11,314.29	22,301.84	11,970.40	43.44	89.60	-105.04	-827.20	-305.04	1,315.84	1,186.94	128.89	10.209		
11,500.00	11,408.47	22,301.84	11,970.40	44.37	89.60	-108.17	-827.20	-305.04	1,275.25	1,144.94	130.30	9.787		
11,600.00	11,494.30	22,301.84	11,970.40	45.62	89.60	-110.32	-827.20	-305.04	1,246.35	1,115.23	131.12	9.505		
11,700.00	11,568.79	22,301.84	11,970.40	46.63	89.60	-114.32	-827.20	-305.04	1,233.10	1,101.44	131.66	9.366		
11,721.94	11,583.62	22,301.84	11,970.40	46.75	89.60	-114.87	-827.20	-305.04	1,232.68	1,100.95	131.73	9.358	CC, ES, SF	
11,800.00	11,632.71	22,301.84	11,970.40	47.17	89.60	-116.11	-827.20	-305.04	1,238.21	1,106.39	131.82	9.393		
11,900.00	11,685.11	22,301.84	11,970.40	47.51	89.60	-112.95	-827.20	-305.04	1,257.31	1,125.89	131.42	9.567		
12,000.00	11,724.52	22,301.84	11,970.40	47.79	89.60	-108.80	-827.20	-305.04	1,283.87	1,153.29	130.59	9.832		
12,100.00	11,752.95	22,301.84	11,970.40	47.92	89.60	-106.06	-827.20	-305.04	1,317.34	1,188.11	129.23	10.193		
12,200.00	11,764.14	22,301.84	11,970.40	47.98	89.60	-101.80	-827.20	-305.04	1,364.49	1,236.88	127.61	10.692		
12,300.00	11,765.47	22,301.84	11,970.40	51.47	89.60	-102.46	-827.20	-305.04	1,423.27	1,295.73	127.54	11.159		
12,400.00	11,766.78	22,301.84	11,970.40	51.50	89.60	-100.70	-827.20	-305.04	1,490.45	1,364.44	126.01	11.828		
12,500.00	11,765.66	22,301.84	11,970.40	51.52	89.60	-100.07	-827.20	-305.04	1,560.61	1,436.12	124.49	12.536		
12,600.00	11,764.36	22,301.84	11,970.40	51.55	89.60	-100.07	-827.20	-305.04	1,633.84	1,510.80	123.04	13.279		
12,700.00	11,763.06	22,301.84	11,970.40	51.58	89.60	-100.01	-827.20	-305.04	1,709.75	1,588.08	121.68	14.052		
12,800.00	11,761.75	22,301.84	11,970.40	51.62	89.60	-99.62	-827.20	-305.04	1,786.65	1,666.28	120.37	14.843		
12,900.00	11,760.44	22,301.84	11,970.40	51.65	89.60	-99.35	-827.20	-305.04	1,863.71	1,744.61	119.10	15.648		
13,000.00	11,759.13	22,301.84	11,970.40	51.68	89.60	-99.35	-827.20	-305.04	1,942.30	1,824.40	117.90	16.474		
13,100.00	11,757.83	22,301.84	11,970.40	51.71	89.60	-99.35	-827.20	-305.04	2,022.78	1,905.99	116.79	17.320		
13,200.00	11,756.52	22,301.84	11,970.40	51.74	89.60	-99.35	-827.20	-305.04	2,104.93	1,989.17	115.76	18.183		
13,300.00	11,755.21	22,301.84	11,970.40	51.78	89.60	-99.35	-827.20	-305.04	2,188.58	2,073.76	114.82	19.061		
13,400.00	11,753.90	22,301.84	11,970.40	51.81	89.60	-99.35	-827.20	-305.04	2,273.54	2,159.59	113.95	19.953		
13,500.00	11,752.59	22,301.84	11,970.40	51.85	89.60	-99.35	-827.20	-305.04	2,359.68	2,246.53	113.14	20.855		
13,600.00	11,751.28	22,301.84	11,970.40	51.89	89.60	-99.35	-827.20	-305.04	2,446.88	2,334.47	112.41	21.768		
13,700.00	11,749.97	22,301.84	11,970.40	51.92	89.60	-99.35	-827.20	-305.04	2,535.02	2,423.28	111.73	22.688		
13,800.00	11,748.66	22,301.84	11,970.40	51.96	89.60	-99.35	-827.20	-305.04	2,624.01	2,512.90	111.11	23.616		
13,900.00	11,747.35	22,301.84	11,970.40	52.00	89.60	-99.35	-827.20	-305.04	2,713.77	2,603.23	110.54	24.550		
14,000.00	11,746.05	22,301.84	11,970.40	52.05	89.60	-99.35	-827.20	-305.04	2,804.22	2,694.20	110.02	25.489		
14,100.00	11,744.74	22,301.84	11,970.40	52.09	89.60	-99.35	-827.20	-305.04	2,895.30	2,785.76	109.54	26.432		
14,200.00	11,743.43	22,301.84	11,970.40	52.13	89.60	-99.35	-827.20	-305.04	2,986.95	2,877.85	109.10	27.379		
14,300.00	11,742.12	22,301.84	11,970.40	52.18	89.60	-99.35	-827.20	-305.04	3,079.12	2,970.43	108.69	28.329		
14,400.00	11,740.81	22,301.84	11,970.40	52.22	89.60	-99.35	-827.20	-305.04	3,171.77	3,063.45	108.32	29.282		
14,500.00	11,739.50	22,301.84	11,970.40	52.27	89.60	-99.35	-827.20	-305.04	3,264.84	3,156.87	107.98	30.237		
14,600.00	11,738.19	22,301.84	11,970.40	52.32	89.60	-99.35	-827.20	-305.04	3,358.32	3,250.66	107.66	31.194		
14,700.00	11,736.88	22,301.84	11,970.40	52.37	89.60	-99.35	-827.20	-305.04	3,452.16	3,344.79	107.37	32.152		
14,800.00	11,735.57	22,301.84	11,970.40	52.42	89.60	-99.35	-827.20	-305.04	3,546.34	3,439.24	107.11	33.111		
14,900.00	11,734.26	22,301.84	11,970.40	52.47	89.60	-99.35	-827.20	-305.04	3,640.83	3,533.97	106.86	34.070		
15,000.00	11,732.96	22,301.84	11,970.40	52.52	89.60	-99.35	-827.20	-305.04	3,735.61	3,628.97	106.64	35.031		
15,100.00	11,731.65	22,301.84	11,970.40	52.57	89.60	-99.35	-827.20	-305.04	3,830.65	3,724.22	106.43	35.992		
15,200.00	11,730.34	22,301.84	11,970.40	52.63	89.60	-99.35	-827.20	-305.04	3,925.94	3,819.70	106.24	36.953		
15,300.00	11,729.03	22,301.84	11,970.40	52.68	89.60	-99.35	-827.20	-305.04	4,021.46	3,915.39	106.07	37.913		
15,400.00	11,727.72	22,301.84	11,970.40	52.74	89.60	-99.35	-827.20	-305.04	4,117.19	4,011.27	105.91	38.874		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 605H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3720.90usft (H&P 313)
Reference Site:	Gouda Federal Com	MD Reference:	RKB @ 3720.90usft (H&P 313)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	605H	Survey Calculation Method:	Minimum Curvature
Well Error:	1.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ST01 / 67826	Database:	USA Compass
Reference Design:	Plan 2 05-25-21	Offset TVD Reference:	Reference Datum

Offset Design: Mozzarella Offsets - DR AWKWARD 17 8 FED COM 34H - OH - Plan 1													Offset Site Error: 0.00 usft
Survey Program: 0-MWD+HFR1+MS		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Rule Assigned: Distance		Minimum Separation (usft)	Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference	Offset		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
15,500.00	11,726.41	22,301.84	11,970.40	52.81	89.60	-99.35	-827.20	-305.04	4,213.11	4,107.35	105.77	39.835	
15,600.00	11,725.10	22,301.84	11,970.40	52.89	89.60	-99.35	-827.20	-305.04	4,309.23	4,203.59	105.63	40.794	
15,700.00	11,723.79	22,301.84	11,970.40	53.06	89.60	-99.35	-827.20	-305.04	4,405.51	4,300.00	105.51	41.754	
15,800.00	11,722.48	22,301.84	11,970.40	53.38	89.60	-99.35	-827.20	-305.04	4,501.96	4,396.56	105.40	42.713	
15,900.00	11,721.17	22,301.84	11,970.40	53.76	89.60	-99.35	-827.20	-305.04	4,598.56	4,493.26	105.30	43.671	
16,000.00	11,719.87	22,301.84	11,970.40	54.16	89.60	-99.35	-827.20	-305.04	4,695.30	4,590.09	105.21	44.628	
16,100.00	11,718.56	22,301.84	11,970.40	54.57	89.60	-99.35	-827.20	-305.04	4,792.18	4,687.05	105.13	45.584	
16,200.00	11,717.25	22,301.84	11,970.40	54.99	89.60	-99.35	-827.20	-305.04	4,889.18	4,784.13	105.06	46.539	
16,300.00	11,715.94	22,301.84	11,970.40	55.42	89.60	-99.35	-827.20	-305.04	4,986.30	4,881.31	104.99	47.493	
16,400.00	11,714.63	22,301.84	11,970.40	55.85	89.60	-99.35	-827.20	-305.04	5,083.54	4,978.60	104.93	48.446	
16,500.00	11,713.32	22,301.84	11,970.40	56.30	89.60	-99.35	-827.20	-305.04	5,180.87	5,075.99	104.88	49.398	
16,600.00	11,712.01	22,301.84	11,970.40	56.75	89.60	-99.35	-827.20	-305.04	5,278.31	5,173.48	104.83	50.349	
16,700.00	11,710.70	22,301.84	11,970.40	57.20	89.60	-99.35	-827.20	-305.04	5,375.84	5,271.05	104.80	51.299	
16,800.00	11,709.39	22,301.84	11,970.40	57.67	89.60	-99.35	-827.20	-305.04	5,473.46	5,368.70	104.76	52.247	
16,900.00	11,708.09	22,301.84	11,970.40	58.14	89.60	-99.35	-827.20	-305.04	5,571.17	5,466.43	104.73	53.194	
17,000.00	11,706.78	22,301.84	11,970.40	58.61	89.60	-99.35	-827.20	-305.04	5,668.95	5,564.24	104.71	54.139	
17,100.00	11,705.47	22,301.84	11,970.40	59.10	89.60	-99.35	-827.20	-305.04	5,766.81	5,662.12	104.69	55.083	
17,200.00	11,704.16	22,301.84	11,970.40	59.59	89.60	-99.35	-827.20	-305.04	5,864.74	5,760.07	104.68	56.026	
17,300.00	11,702.85	22,301.84	11,970.40	60.08	89.60	-99.35	-827.20	-305.04	5,962.75	5,858.08	104.67	56.967	
17,400.00	11,701.54	22,301.84	11,970.40	60.58	89.60	-99.35	-827.20	-305.04	6,060.81	5,956.15	104.67	57.906	
17,500.00	11,700.23	22,301.84	11,970.40	61.08	89.60	-99.35	-827.20	-305.04	6,158.94	6,054.28	104.66	58.844	
17,600.00	11,698.92	22,301.84	11,970.40	61.60	89.60	-99.35	-827.20	-305.04	6,257.13	6,152.46	104.67	59.781	
17,700.00	11,697.61	22,301.84	11,970.40	62.11	89.60	-99.35	-827.20	-305.04	6,355.37	6,250.70	104.67	60.716	
17,800.00	11,696.30	22,301.84	11,970.40	62.63	89.60	-99.35	-827.20	-305.04	6,453.67	6,348.99	104.68	61.649	
17,900.00	11,695.00	22,301.84	11,970.40	63.16	89.60	-99.35	-827.20	-305.04	6,552.02	6,447.33	104.70	62.581	
18,000.00	11,693.69	22,301.84	11,970.40	63.69	89.60	-99.35	-827.20	-305.04	6,650.42	6,545.71	104.71	63.511	
18,100.00	11,692.38	22,301.84	11,970.40	64.23	89.60	-99.35	-827.20	-305.04	6,748.87	6,644.14	104.73	64.439	
18,200.00	11,691.07	22,301.84	11,970.40	64.77	89.60	-99.35	-827.20	-305.04	6,847.36	6,742.61	104.75	65.366	
18,300.00	11,689.76	22,301.84	11,970.40	65.31	89.60	-99.35	-827.20	-305.04	6,945.90	6,841.12	104.78	66.290	
18,400.00	11,688.45	22,301.84	11,970.40	65.86	89.60	-99.35	-827.20	-305.04	7,044.47	6,939.66	104.81	67.214	
18,500.00	11,687.14	22,301.84	11,970.40	66.41	89.60	-99.35	-827.20	-305.04	7,143.09	7,038.25	104.84	68.135	
18,600.00	11,685.83	22,301.84	11,970.40	66.97	89.60	-99.35	-827.20	-305.04	7,241.74	7,136.87	104.87	69.055	
18,700.00	11,684.52	22,301.84	11,970.40	67.53	89.60	-99.35	-827.20	-305.04	7,340.43	7,235.53	104.90	69.972	
18,800.00	11,683.22	22,301.84	11,970.40	68.10	89.60	-99.35	-827.20	-305.04	7,439.15	7,334.21	104.94	70.888	
18,900.00	11,681.91	22,301.84	11,970.40	68.67	89.60	-99.35	-827.20	-305.04	7,537.91	7,432.93	104.98	71.803	
19,000.00	11,680.60	22,301.84	11,970.40	69.24	89.60	-99.35	-827.20	-305.04	7,636.70	7,531.68	105.02	72.715	
19,100.00	11,679.29	22,301.84	11,970.40	69.82	89.60	-99.35	-827.20	-305.04	7,735.53	7,630.46	105.07	73.626	
19,200.00	11,677.98	22,301.84	11,970.40	70.40	89.60	-99.35	-827.20	-305.04	7,834.38	7,729.27	105.11	74.534	
19,300.00	11,676.67	22,301.84	11,970.40	70.98	89.60	-99.35	-827.20	-305.04	7,933.26	7,828.10	105.16	75.441	
19,400.00	11,675.36	22,301.84	11,970.40	71.57	89.60	-99.35	-827.20	-305.04	8,032.17	7,926.96	105.21	76.346	
19,500.00	11,674.05	22,301.84	11,970.40	72.16	89.60	-99.35	-827.20	-305.04	8,131.10	8,025.84	105.26	77.249	
19,600.00	11,672.74	22,301.84	11,970.40	72.76	89.60	-99.35	-827.20	-305.04	8,230.06	8,124.75	105.31	78.150	
19,700.00	11,671.43	22,301.84	11,970.40	73.36	89.60	-99.35	-827.20	-305.04	8,329.05	8,223.68	105.37	79.049	
19,800.00	11,670.13	22,301.84	11,970.40	73.96	89.60	-99.35	-827.20	-305.04	8,428.06	8,322.64	105.42	79.946	
19,900.00	11,668.82	22,301.84	11,970.40	74.56	89.60	-99.35	-827.20	-305.04	8,527.09	8,421.61	105.48	80.842	
20,000.00	11,667.51	22,301.84	11,970.40	75.17	89.60	-99.35	-827.20	-305.04	8,626.14	8,520.61	105.54	81.735	
20,100.00	11,666.20	22,301.84	11,970.40	75.78	89.60	-99.35	-827.20	-305.04	8,725.22	8,619.62	105.60	82.626	
20,200.00	11,664.89	22,301.84	11,970.40	76.39	89.60	-99.35	-827.20	-305.04	8,824.32	8,718.66	105.66	83.516	
20,300.00	11,663.58	22,301.84	11,970.40	77.00	89.60	-99.35	-827.20	-305.04	8,923.44	8,817.71	105.72	84.403	
20,400.00	11,662.27	22,301.84	11,970.40	77.62	89.60	-99.35	-827.20	-305.04	9,022.57	8,916.78	105.79	85.288	
20,500.00	11,660.96	22,301.84	11,970.40	78.24	89.60	-99.35	-827.20	-305.04	9,121.73	9,015.87	105.86	86.172	
20,600.00	11,659.65	22,301.84	11,970.40	78.86	89.60	-99.35	-827.20	-305.04	9,220.90	9,114.98	105.92	87.053	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 605H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3720.90usft (H&P 313)
Reference Site:	Gouda Federal Com	MD Reference:	RKB @ 3720.90usft (H&P 313)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	605H	Survey Calculation Method:	Minimum Curvature
Well Error:	1.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ST01 / 67826	Database:	USA Compass
Reference Design:	Plan 2 05-25-21	Offset TVD Reference:	Reference Datum

Offset Design: Mozzarella Offsets - DR AWKWARD 17 8 FED COM 34H - OH - Plan 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD+IFR1+MS												Offset Well Error:	1.00 usft
Reference	Offset	Semi Major Axis	Highside	Offset Wellbore Centre		Rule Assigned:		Distance		Minimum	Separation	Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Separation (usft)		
20,700.00	11,658.34	22,301.84	11,970.40	79.49	89.60	-99.35	-827.20	-305.04	9,320.09	9,214.10	105.99	87.933	
20,800.00	11,657.04	22,301.84	11,970.40	80.12	89.60	-99.35	-827.20	-305.04	9,419.30	9,313.24	106.06	88.810	
20,900.00	11,655.73	22,301.84	11,970.40	80.75	89.60	-99.35	-827.20	-305.04	9,518.53	9,412.40	106.13	89.685	
21,000.00	11,654.42	22,301.84	11,970.40	81.38	89.60	-99.35	-827.20	-305.04	9,617.77	9,511.56	106.21	90.558	
21,100.00	11,653.11	22,301.84	11,970.40	82.02	89.60	-99.35	-827.20	-305.04	9,717.03	9,610.75	106.28	91.430	
21,200.00	11,651.80	22,301.84	11,970.40	82.65	89.60	-99.35	-827.20	-305.04	9,816.30	9,709.94	106.35	92.299	
21,300.00	11,650.49	22,301.84	11,970.40	83.29	89.60	-99.35	-827.20	-305.04	9,915.58	9,809.16	106.43	93.166	
21,400.00	11,649.18	22,301.84	11,970.40	83.93	89.60	-99.35	-827.20	-305.04	10,014.89	9,908.38	106.51	94.031	
21,500.00	11,647.87	22,301.84	11,970.40	84.58	89.60	-99.35	-827.20	-305.04	10,114.20	10,007.62	106.58	94.894	
21,600.00	11,646.56	22,301.84	11,970.40	85.22	89.60	-99.35	-827.20	-305.04	10,213.53	10,106.86	106.66	95.755	
21,700.00	11,645.26	22,301.84	11,970.40	85.87	89.60	-99.35	-827.20	-305.04	10,312.87	10,206.13	106.74	96.614	
21,800.00	11,643.95	22,301.84	11,970.40	86.52	89.60	-99.35	-827.20	-305.04	10,412.22	10,305.40	106.82	97.470	
21,900.00	11,642.64	22,301.84	11,970.40	87.17	89.60	-99.35	-827.20	-305.04	10,511.59	10,404.68	106.91	98.325	
21,983.82	11,641.54	22,301.84	11,970.40	87.72	89.60	-99.35	-827.20	-305.04	10,594.88	10,487.91	106.98	99.040	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 605H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3720.90usft (H&P 313)
Reference Site:	Gouda Federal Com	MD Reference:	RKB @ 3720.90usft (H&P 313)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	605H	Survey Calculation Method:	Minimum Curvature
Well Error:	1.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ST01 / 67826	Database:	USA Compass
Reference Design:	Plan 2 05-25-21	Offset TVD Reference:	Reference Datum

Reference Depths are relative to RKB @ 3720.90usft (H&P 313)

Coordinates are relative to: 605H

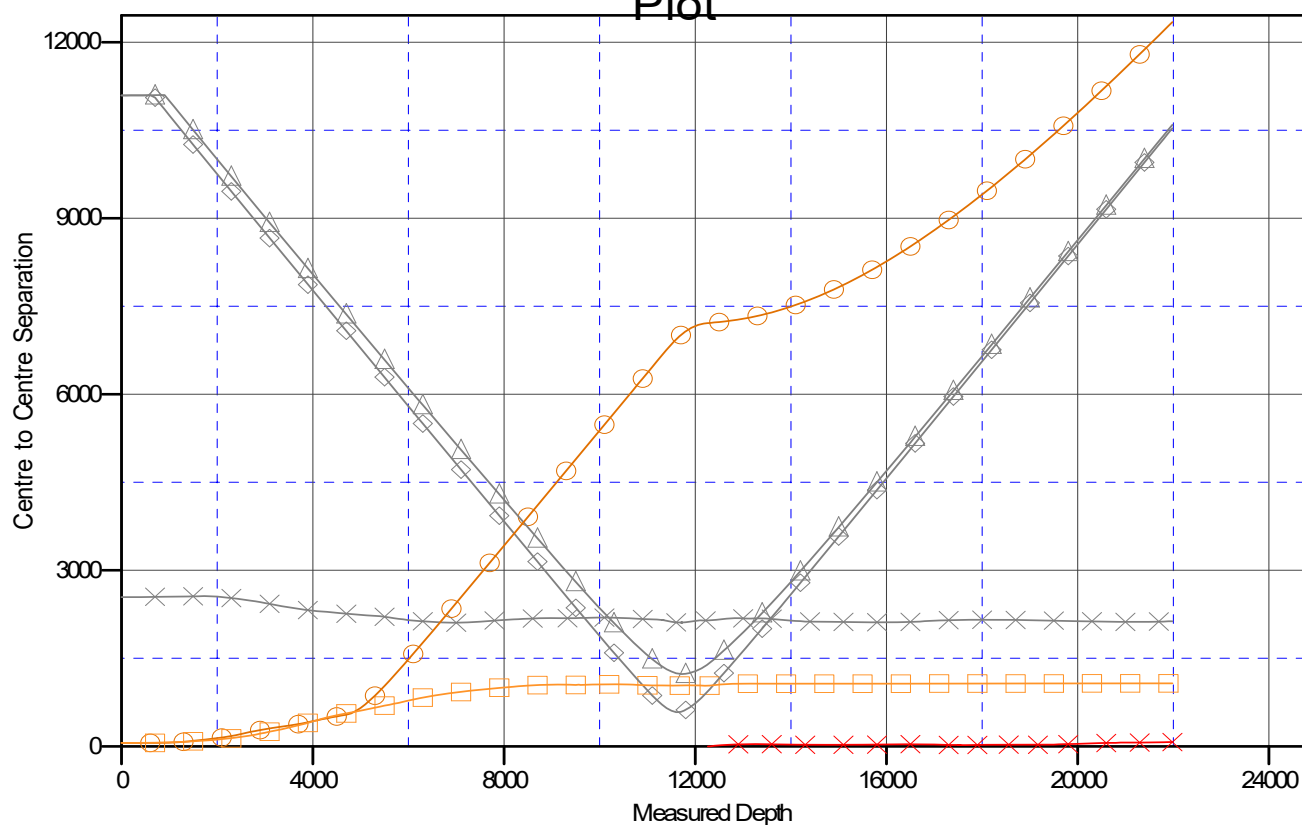
Offset Depths are relative to Offset Datum

Coordinate System is Universal Transverse Mercator (US Survey Feet), Zone 13N

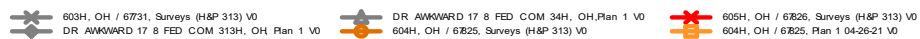
Central Meridian is 105° 0' 0.000000 W

Grid Convergence at Surface is: 0.70°

Ladder Plot



LEGEND



CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Centennial Resources Development, Inc.	Local Co-ordinate Reference:	Well 605H
Project:	Lea County, NM (NAD83 - UTM Zone 13)	TVD Reference:	RKB @ 3720.90usft (H&P 313)
Reference Site:	Gouda Federal Com	MD Reference:	RKB @ 3720.90usft (H&P 313)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	605H	Survey Calculation Method:	Minimum Curvature
Well Error:	1.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ST01 / 67826	Database:	USA Compass
Reference Design:	Plan 2 05-25-21	Offset TVD Reference:	Reference Datum

Reference Depths are relative to RKB @ 3720.90usft (H&P 313)

Offset Depths are relative to Offset Datum

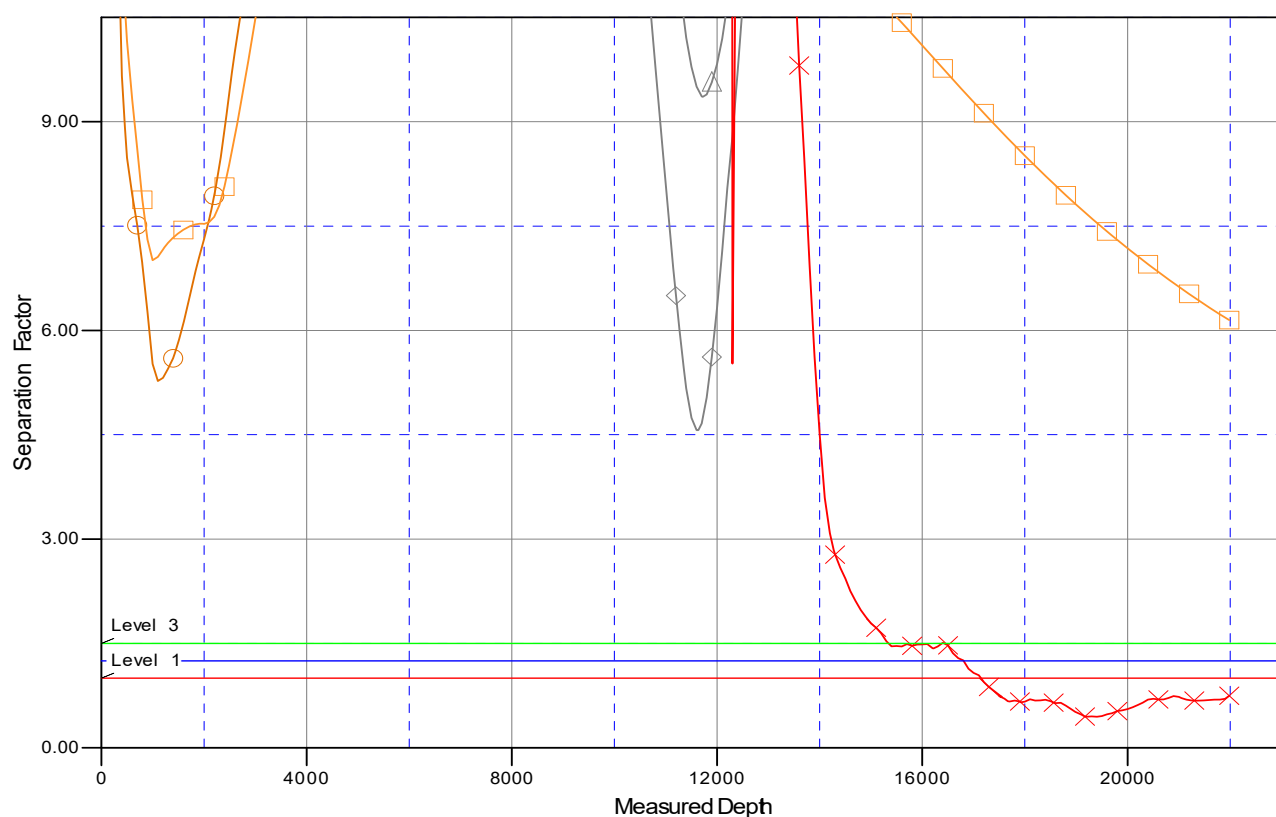
Central Meridian is 105° 0' 0.000000 W

Coordinates are relative to: 605H

Coordinate System is Universal Transverse Mercator (US Survey Feet), Zone 13N

Grid Convergence at Surface is: 0.70°

Separation Factor Plot

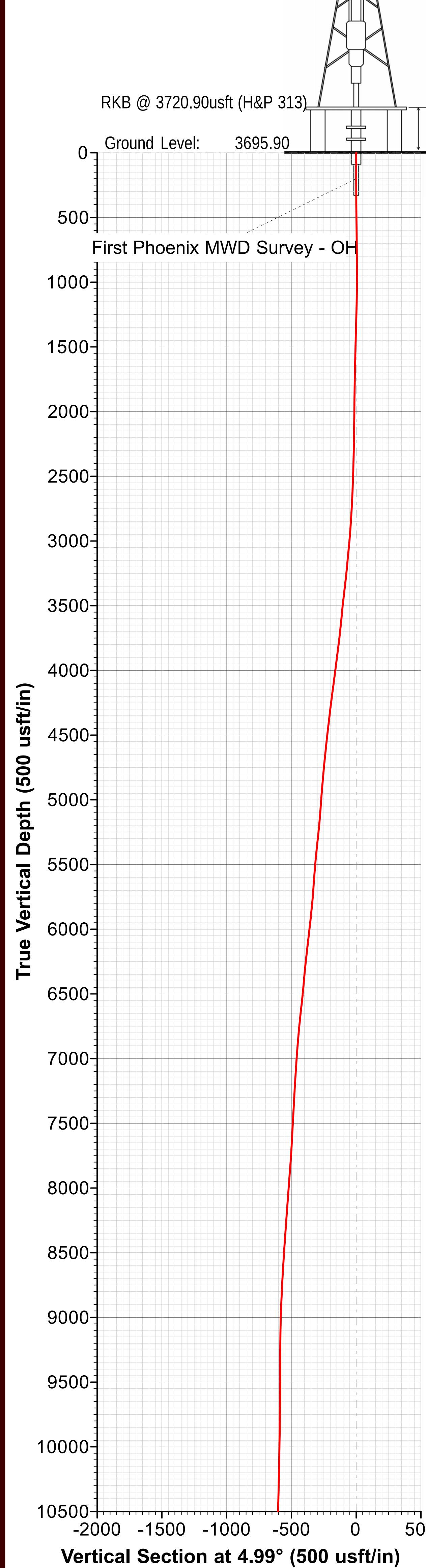


LEGEND

603H, OH / 6731, Surveys (H&P 313) V0
 604H, OH / 6725, Surveys (H&P 313) V0

DR AWWARD 17 8 FED COM 313H, OH Plan 1 V0
 604H, OH / 6725, Surveys (H&P 313) V0

605H, OH / 6726, Surveys (H&P 313) V0
 604H, OH / 6725, Plan 1 04-26-21 V0

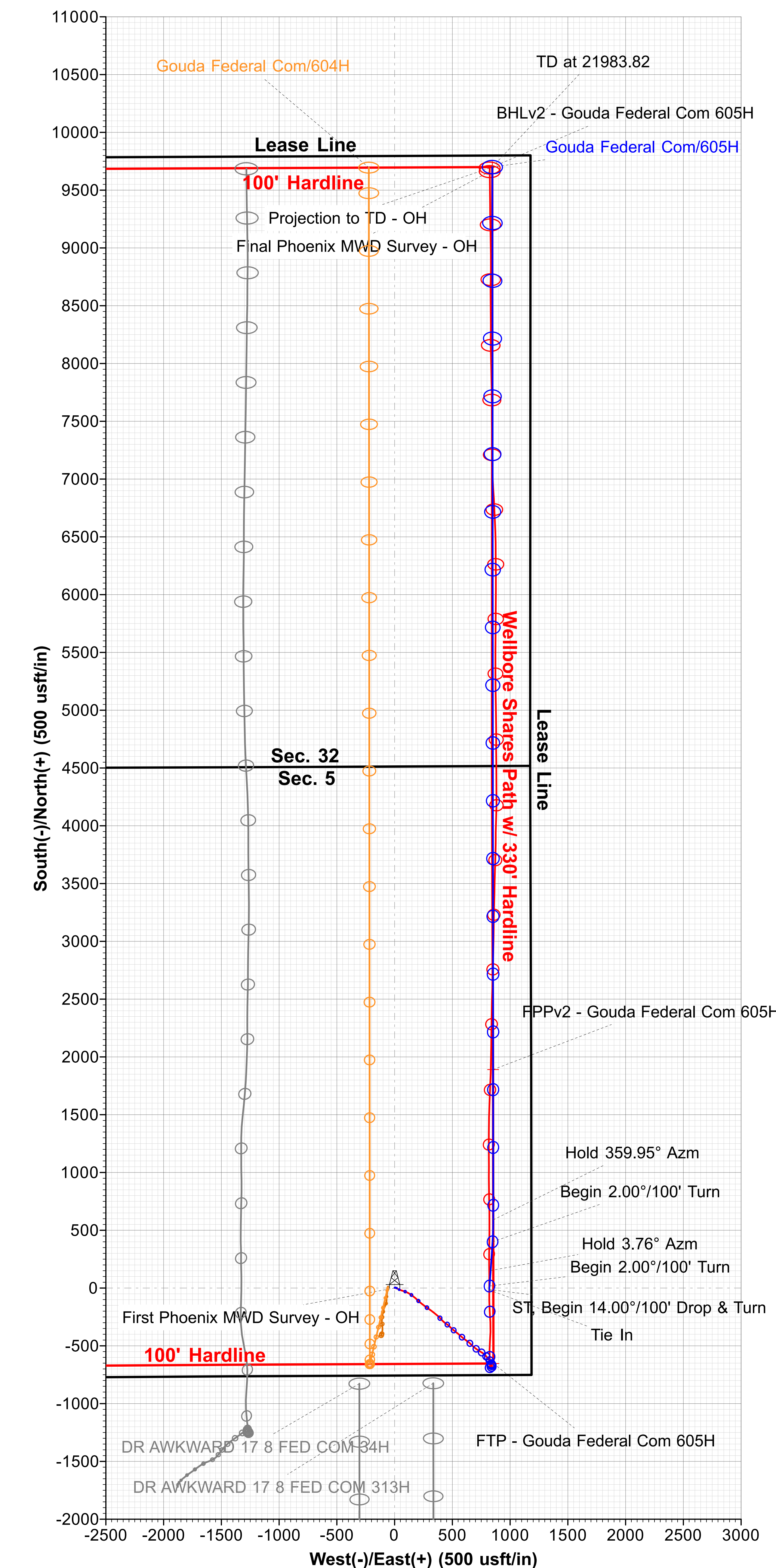
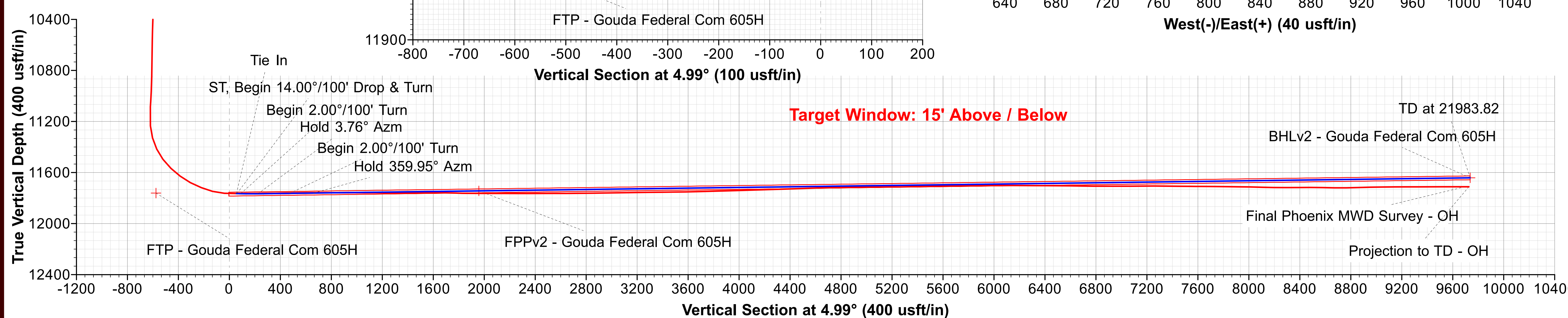
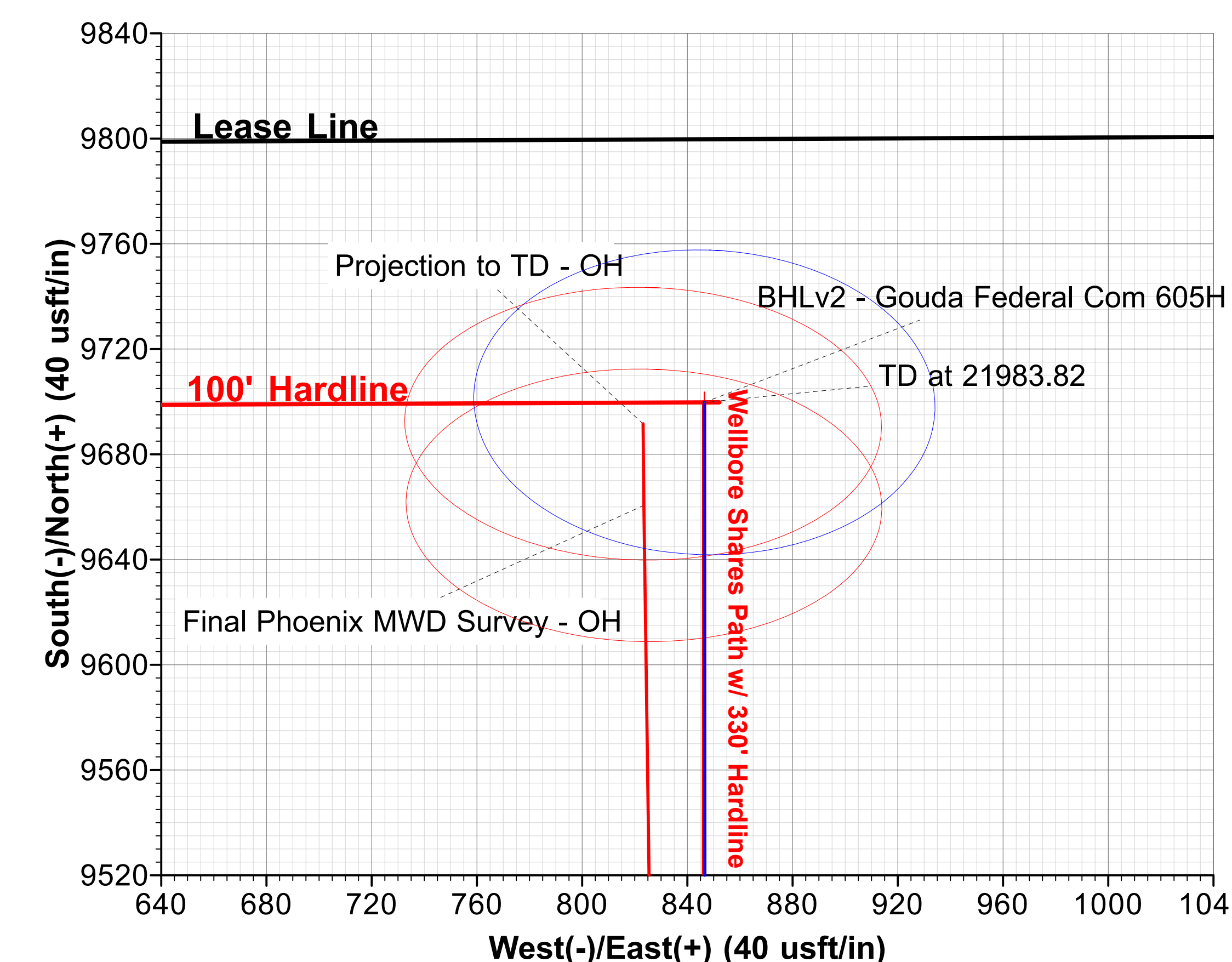
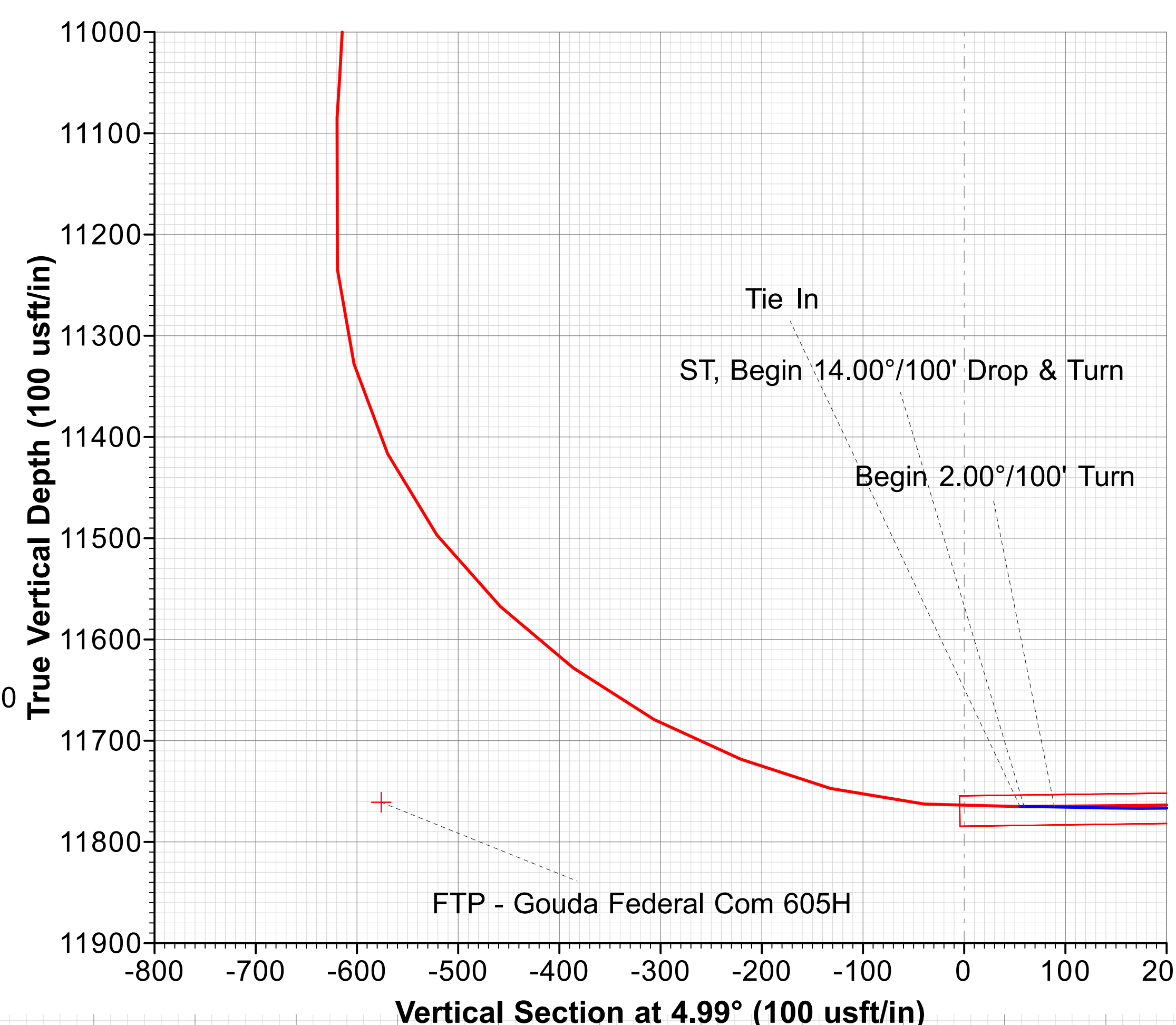
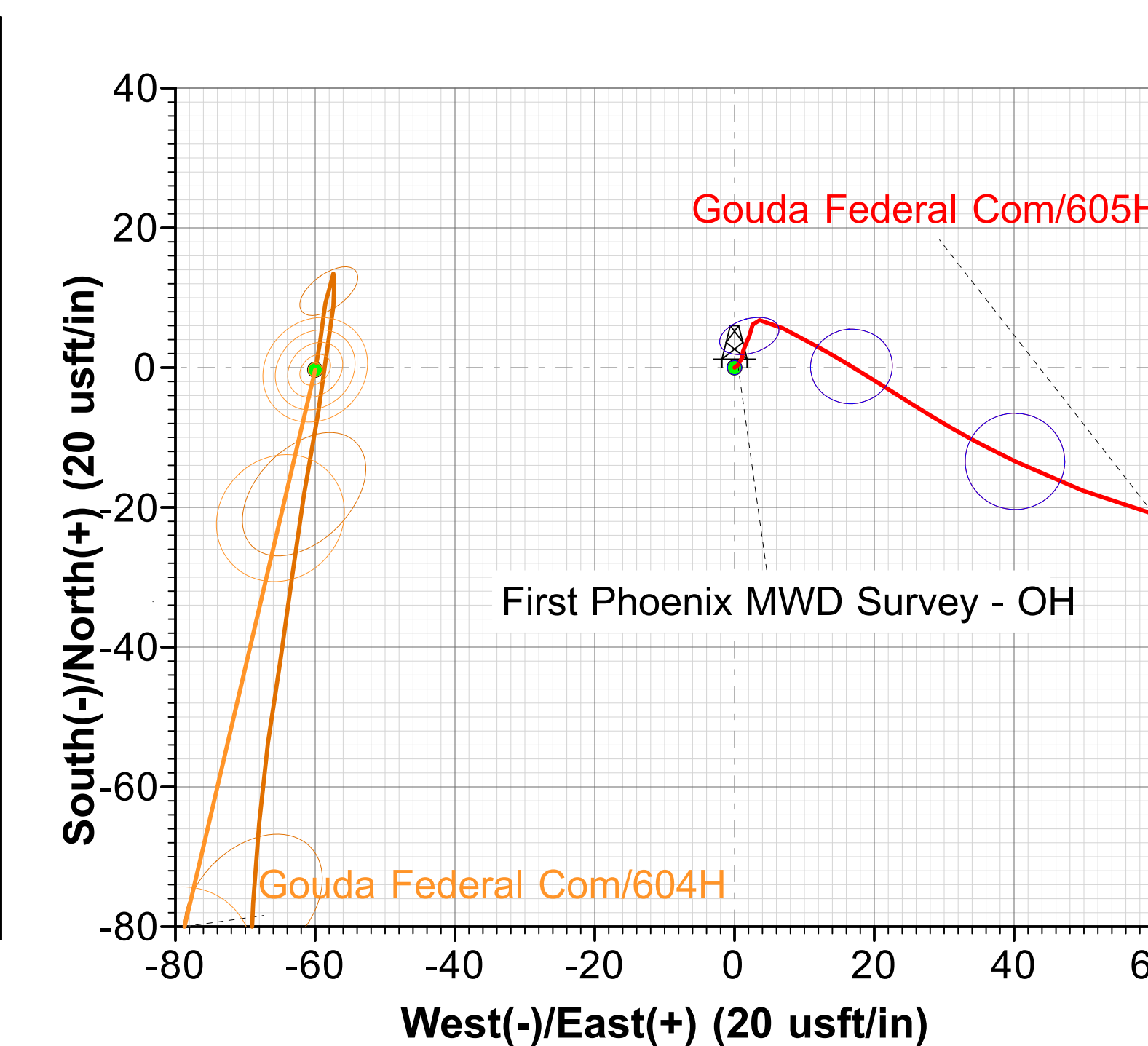
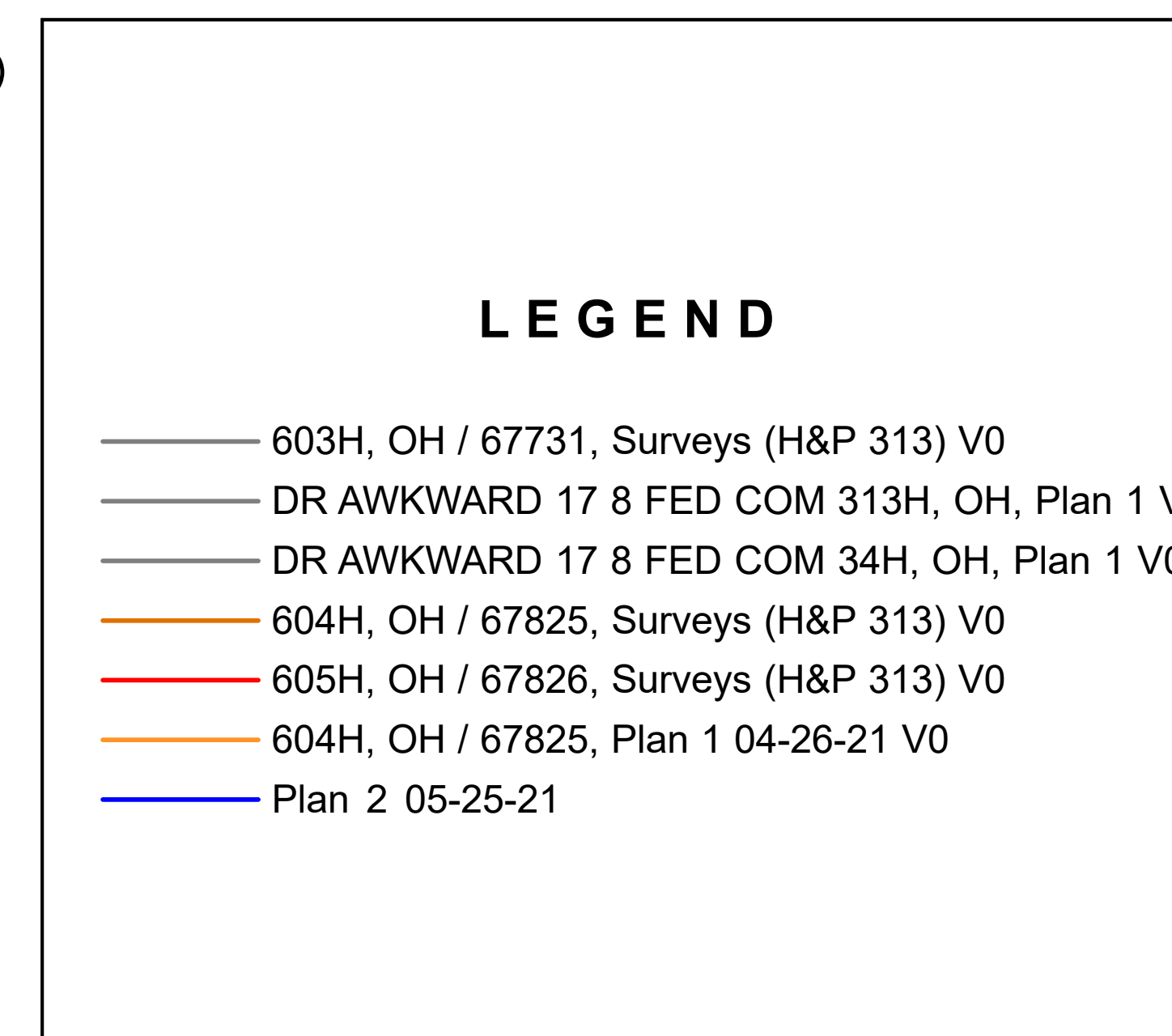


WELL DETAILS											
					Ground Level:	3695.90					
		+N-S	+E-W	Northing	Easting	Latitude		Longitude			
		0.00	0.00	11769147.88	2043900.06	32° 24' 55.757212 N		103° 41' 31.575388 W			

SECTION DETAILS											
Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Dleg	TFace	VSect	Target	Annotation
1	12266.00	90.45	1.44	11765.19	-16.08	819.95	0.00	0.00	55.26		Tie In
2	12270.00	90.46	1.36	11765.16	-12.08	820.05	2.02	-82.87	59.25		ST, Begin 14.00°/100' Drop & Turn
3	12300.00	88.36	5.00	11765.47	17.86	821.71	14.00	120.00	89.23		Begin 2.00°/100' Turn
4	12434.47	90.75	3.76	11766.52	151.92	831.97	2.00	-27.49	223.67		Hold 3.76° Azm
5	12683.48	90.75	3.76	11763.27	400.38	848.29	0.00	0.00	472.61		Begin 2.00°/100' Turn
6	12873.82	90.75	359.95	11760.79	590.56	854.44	2.00	-89.92	662.61		Hold 359.95° Azm
7	21983.82	90.75	359.95	11641.54	9699.78	846.49	0.00	0.00	9736.65	BHLv2 - Gouda Federal Com 605H TD at 21983.82	

DESIGN TARGET DETAILS											
Name					TVD	+N-S	+E-W	Northing	Easting	Latitude	Longitude
BHLv2 - Gouda Federal Com 605H					11641.54	9699.78	846.49	11778855.22	2044627.62	32° 26' 31.734845 N	103° 41' 21.697583 W
FPPv2 - Gouda Federal Com 605H					11743.76	1890.86	853.40	11771048.64	2044730.08	32° 25' 14.466922 N	103° 41' 21.619702 W
FTP - Gouda Federal Com 605H					11760.90	-652.81	855.65	11768505.73	2044763.45	32° 24' 49.297667 N	103° 41' 21.594261 W

Map System: Universal Transverse Mercator (US Survey Feet)
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone Name: Zone 13N (108 W to 102 W)
Local Origin: Well 605H, True North
Latitude: 32° 24' 55.757212 N
Longitude: 103° 41' 31.575388 W
Grid East: 2043900.06
Grid North: 11769147.88
Scale Factor: 1.000
Geomagnetic Model: MVHD
Sample Date: 26-Jun-21
Magnetic Declination: 6.54°
Dip Angle from Horizontal: 60.11°
Magnetic Field Strength: 47882.43599301nT
To convert a Magnetic Direction to a Grid Direction, Add 5.83°
To convert a Magnetic Direction to a True Direction, Add 6.54° East
To convert a True Direction to a Grid Direction, Subtract 0.70°





Centennial Resources Development, Inc.

**Lea County, NM (NAD83 - UTM Zone 13)
Gouda Federal Com
605H**

ST01 / 67826

Plan: Plan 2 05-25-21

Standard Planning Report

25 May, 2021





Planning Report



Database:	USA Compass	Local Co-ordinate Reference:	Well 605H
Company:	Centennial Resources Development, Inc.	TVD Reference:	RKB @ 3720.90usft (H&P 313)
Project:	Lea County, NM (NAD83 - UTM Zone 13)	MD Reference:	RKB @ 3720.90usft (H&P 313)
Site:	Gouda Federal Com	North Reference:	True
Well:	605H	Survey Calculation Method:	Minimum Curvature
Wellbore:	ST01 / 67826		
Design:	Plan 2 05-25-21		

Project	Lea County, NM (NAD83 - UTM Zone 13)		
Map System:	Universal Transverse Mercator (US Survey Feet)	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Zone 13N (108 W to 102 W)		Using geodetic scale factor

Site	Gouda Federal Com		
Site Position:		Northing:	11,769,146.84 usft
From:	Map	Easting:	2,043,840.09 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 24' 55.754183 N
		Longitude:	103° 41' 32.275196 W

Well	605H		
Well Position	+N/-S	0.31 usft	Northing:
	+E/-W	59.99 usft	Easting:
Position Uncertainty	1.00 usft		Wellhead Elevation:
			Latitude:
			Longitude:
			Ground Level:

Wellbore	ST01 / 67826		
Magnetics	Model Name	Sample Date	Declination
			(°)
	MVHD	6/26/2021	6.54
			Dip Angle
			(°)
			60.11
			Field Strength
			(nT)
			47,882.43599302

Design	Plan 2 05-25-21		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth:
			12,266.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	0.00	0.00	0.00
			Direction
			(°)
			4.99

Plan Survey Tool Program	Date	5/25/2021		
Depth From	Depth To	Survey (Wellbore)	Tool Name	Remarks
(usft)	(usft)			
1 12,266.00	21,983.82	Plan 2 05-25-21 (ST01 / 67826)	MWD+IFR1+MS	
			OWSG MWD + IFR1 + Multi-St	

Plan Sections										
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Dogleg	Build	Turn	TFO	Target
Depth	(°)	(°)	Depth	(usft)	(usft)	Rate	Rate	Rate	(°)	
(usft)			(usft)			(°/100usft)	(°/100usft)	(°/100usft)		
12,266.00	90.45	1.44	11,765.19	-16.08	819.95	0.00	0.00	0.00	0.00	
12,270.00	90.46	1.36	11,765.16	-12.08	820.05	2.02	0.25	-2.00	-82.87	
12,300.00	88.36	5.00	11,765.47	17.86	821.71	14.00	-7.00	12.13	120.00	
12,434.47	90.75	3.76	11,766.52	151.92	831.97	2.00	1.77	-0.92	-27.49	
12,683.48	90.75	3.76	11,763.27	400.38	848.29	0.00	0.00	0.00	0.00	
12,873.82	90.75	359.95	11,760.79	590.56	854.44	2.00	0.00	-2.00	-89.92	
21,983.82	90.75	359.95	11,641.54	9,699.78	846.49	0.00	0.00	0.00	0.00	BHLv2 - Gouda Feder



Planning Report



Database:	USA Compass	Local Co-ordinate Reference:	Well 605H
Company:	Centennial Resources Development, Inc.	TVD Reference:	RKB @ 3720.90usft (H&P 313)
Project:	Lea County, NM (NAD83 - UTM Zone 13)	MD Reference:	RKB @ 3720.90usft (H&P 313)
Site:	Gouda Federal Com	North Reference:	True
Well:	605H	Survey Calculation Method:	Minimum Curvature
Wellbore:	ST01 / 67826		
Design:	Plan 2 05-25-21		

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)
12,266.00	90.45	1.44	11,765.19	-16.08	819.95	55.26	0.00	0.00	0.00
Tie In									
12,270.00	90.46	1.36	11,765.16	-12.08	820.05	59.25	2.02	0.25	-2.00
ST, Begin 14.00°/100' Drop & Turn									
12,300.00	88.36	5.00	11,765.47	17.86	821.71	89.23	14.00	-7.00	12.13
Begin 2.00°/100' Turn									
12,400.00	90.13	4.08	11,766.78	117.53	829.62	189.21	2.00	1.77	-0.92
12,434.47	90.75	3.76	11,766.52	151.92	831.97	223.67	2.00	1.77	-0.92
Hold 3.76° Azm									
12,500.00	90.75	3.76	11,765.66	217.31	836.27	289.19	0.00	0.00	0.00
12,600.00	90.75	3.76	11,764.36	317.08	842.82	389.16	0.00	0.00	0.00
12,683.48	90.75	3.76	11,763.27	400.38	848.29	472.61	0.00	0.00	0.00
Begin 2.00°/100' Turn									
12,700.00	90.75	3.43	11,763.06	416.86	849.32	489.12	2.00	0.00	-2.00
12,800.00	90.75	1.43	11,761.75	516.76	853.55	589.01	2.00	0.00	-2.00
12,873.82	90.75	359.95	11,760.79	590.56	854.44	662.61	2.00	0.00	-2.00
Hold 359.95° Azm									
12,900.00	90.75	359.95	11,760.44	616.74	854.42	688.69	0.00	0.00	0.00
13,000.00	90.75	359.95	11,759.13	716.73	854.33	788.30	0.00	0.00	0.00
13,100.00	90.75	359.95	11,757.83	816.73	854.24	887.90	0.00	0.00	0.00
13,200.00	90.75	359.95	11,756.52	916.72	854.16	987.51	0.00	0.00	0.00
13,300.00	90.75	359.95	11,755.21	1,016.71	854.07	1,087.11	0.00	0.00	0.00
13,400.00	90.75	359.95	11,753.90	1,116.70	853.98	1,186.72	0.00	0.00	0.00
13,500.00	90.75	359.95	11,752.59	1,216.69	853.90	1,286.32	0.00	0.00	0.00
13,600.00	90.75	359.95	11,751.28	1,316.68	853.81	1,385.93	0.00	0.00	0.00
13,700.00	90.75	359.95	11,749.97	1,416.67	853.72	1,485.53	0.00	0.00	0.00
13,800.00	90.75	359.95	11,748.66	1,516.67	853.63	1,585.14	0.00	0.00	0.00
13,900.00	90.75	359.95	11,747.35	1,616.66	853.55	1,684.74	0.00	0.00	0.00
14,000.00	90.75	359.95	11,746.05	1,716.65	853.46	1,784.35	0.00	0.00	0.00
14,100.00	90.75	359.95	11,744.74	1,816.64	853.37	1,883.95	0.00	0.00	0.00
14,200.00	90.75	359.95	11,743.43	1,916.63	853.28	1,983.56	0.00	0.00	0.00
14,300.00	90.75	359.95	11,742.12	2,016.62	853.20	2,083.16	0.00	0.00	0.00
14,400.00	90.75	359.95	11,740.81	2,116.61	853.11	2,182.77	0.00	0.00	0.00
14,500.00	90.75	359.95	11,739.50	2,216.61	853.02	2,282.37	0.00	0.00	0.00
14,600.00	90.75	359.95	11,738.19	2,316.60	852.94	2,381.98	0.00	0.00	0.00
14,700.00	90.75	359.95	11,736.88	2,416.59	852.85	2,481.58	0.00	0.00	0.00
14,800.00	90.75	359.95	11,735.57	2,516.58	852.76	2,581.19	0.00	0.00	0.00
14,900.00	90.75	359.95	11,734.26	2,616.57	852.67	2,680.79	0.00	0.00	0.00
15,000.00	90.75	359.95	11,732.96	2,716.56	852.59	2,780.40	0.00	0.00	0.00
15,100.00	90.75	359.95	11,731.65	2,816.55	852.50	2,880.00	0.00	0.00	0.00
15,200.00	90.75	359.95	11,730.34	2,916.55	852.41	2,979.61	0.00	0.00	0.00
15,300.00	90.75	359.95	11,729.03	3,016.54	852.32	3,079.21	0.00	0.00	0.00
15,400.00	90.75	359.95	11,727.72	3,116.53	852.24	3,178.82	0.00	0.00	0.00
15,500.00	90.75	359.95	11,726.41	3,216.52	852.15	3,278.43	0.00	0.00	0.00
15,600.00	90.75	359.95	11,725.10	3,316.51	852.06	3,378.03	0.00	0.00	0.00
15,700.00	90.75	359.95	11,723.79	3,416.50	851.98	3,477.64	0.00	0.00	0.00
15,800.00	90.75	359.95	11,722.48	3,516.49	851.89	3,577.24	0.00	0.00	0.00
15,900.00	90.75	359.95	11,721.17	3,616.48	851.80	3,676.85	0.00	0.00	0.00
16,000.00	90.75	359.95	11,719.87	3,716.48	851.71	3,776.45	0.00	0.00	0.00
16,100.00	90.75	359.95	11,718.56	3,816.47	851.63	3,876.06	0.00	0.00	0.00
16,200.00	90.75	359.95	11,717.25	3,916.46	851.54	3,975.66	0.00	0.00	0.00
16,300.00	90.75	359.95	11,715.94	4,016.45	851.45	4,075.27	0.00	0.00	0.00
16,400.00	90.75	359.95	11,714.63	4,116.44	851.36	4,174.87	0.00	0.00	0.00



Planning Report



Database:	USA Compass	Local Co-ordinate Reference:	Well 605H
Company:	Centennial Resources Development, Inc.	TVD Reference:	RKB @ 3720.90usft (H&P 313)
Project:	Lea County, NM (NAD83 - UTM Zone 13)	MD Reference:	RKB @ 3720.90usft (H&P 313)
Site:	Gouda Federal Com	North Reference:	True
Well:	605H	Survey Calculation Method:	Minimum Curvature
Wellbore:	ST01 / 67826		
Design:	Plan 2 05-25-21		

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)
16,500.00	90.75	359.95	11,713.32	4,216.43	851.28	4,274.48	0.00	0.00	0.00
16,600.00	90.75	359.95	11,712.01	4,316.42	851.19	4,374.08	0.00	0.00	0.00
16,700.00	90.75	359.95	11,710.70	4,416.42	851.10	4,473.69	0.00	0.00	0.00
16,800.00	90.75	359.95	11,709.39	4,516.41	851.02	4,573.29	0.00	0.00	0.00
16,900.00	90.75	359.95	11,708.09	4,616.40	850.93	4,672.90	0.00	0.00	0.00
17,000.00	90.75	359.95	11,706.78	4,716.39	850.84	4,772.50	0.00	0.00	0.00
17,100.00	90.75	359.95	11,705.47	4,816.38	850.75	4,872.11	0.00	0.00	0.00
17,200.00	90.75	359.95	11,704.16	4,916.37	850.67	4,971.71	0.00	0.00	0.00
17,300.00	90.75	359.95	11,702.85	5,016.36	850.58	5,071.32	0.00	0.00	0.00
17,400.00	90.75	359.95	11,701.54	5,116.36	850.49	5,170.92	0.00	0.00	0.00
17,500.00	90.75	359.95	11,700.23	5,216.35	850.40	5,270.53	0.00	0.00	0.00
17,600.00	90.75	359.95	11,698.92	5,316.34	850.32	5,370.13	0.00	0.00	0.00
17,700.00	90.75	359.95	11,697.61	5,416.33	850.23	5,469.74	0.00	0.00	0.00
17,800.00	90.75	359.95	11,696.30	5,516.32	850.14	5,569.35	0.00	0.00	0.00
17,900.00	90.75	359.95	11,695.00	5,616.31	850.06	5,668.95	0.00	0.00	0.00
18,000.00	90.75	359.95	11,693.69	5,716.30	849.97	5,768.56	0.00	0.00	0.00
18,100.00	90.75	359.95	11,692.38	5,816.30	849.88	5,868.16	0.00	0.00	0.00
18,200.00	90.75	359.95	11,691.07	5,916.29	849.79	5,967.77	0.00	0.00	0.00
18,300.00	90.75	359.95	11,689.76	6,016.28	849.71	6,067.37	0.00	0.00	0.00
18,400.00	90.75	359.95	11,688.45	6,116.27	849.62	6,166.98	0.00	0.00	0.00
18,500.00	90.75	359.95	11,687.14	6,216.26	849.53	6,266.58	0.00	0.00	0.00
18,600.00	90.75	359.95	11,685.83	6,316.25	849.44	6,366.19	0.00	0.00	0.00
18,700.00	90.75	359.95	11,684.52	6,416.24	849.36	6,465.79	0.00	0.00	0.00
18,800.00	90.75	359.95	11,683.22	6,516.24	849.27	6,565.40	0.00	0.00	0.00
18,900.00	90.75	359.95	11,681.91	6,616.23	849.18	6,665.00	0.00	0.00	0.00
19,000.00	90.75	359.95	11,680.60	6,716.22	849.10	6,764.61	0.00	0.00	0.00
19,100.00	90.75	359.95	11,679.29	6,816.21	849.01	6,864.21	0.00	0.00	0.00
19,200.00	90.75	359.95	11,677.98	6,916.20	848.92	6,963.82	0.00	0.00	0.00
19,300.00	90.75	359.95	11,676.67	7,016.19	848.83	7,063.42	0.00	0.00	0.00
19,400.00	90.75	359.95	11,675.36	7,116.18	848.75	7,163.03	0.00	0.00	0.00
19,500.00	90.75	359.95	11,674.05	7,216.18	848.66	7,262.63	0.00	0.00	0.00
19,600.00	90.75	359.95	11,672.74	7,316.17	848.57	7,362.24	0.00	0.00	0.00
19,700.00	90.75	359.95	11,671.43	7,416.16	848.48	7,461.84	0.00	0.00	0.00
19,800.00	90.75	359.95	11,670.13	7,516.15	848.40	7,561.45	0.00	0.00	0.00
19,900.00	90.75	359.95	11,668.82	7,616.14	848.31	7,661.05	0.00	0.00	0.00
20,000.00	90.75	359.95	11,667.51	7,716.13	848.22	7,760.66	0.00	0.00	0.00
20,100.00	90.75	359.95	11,666.20	7,816.12	848.14	7,860.26	0.00	0.00	0.00
20,200.00	90.75	359.95	11,664.89	7,916.11	848.05	7,959.87	0.00	0.00	0.00
20,300.00	90.75	359.95	11,663.58	8,016.11	847.96	8,059.48	0.00	0.00	0.00
20,400.00	90.75	359.95	11,662.27	8,116.10	847.87	8,159.08	0.00	0.00	0.00
20,500.00	90.75	359.95	11,660.96	8,216.09	847.79	8,258.69	0.00	0.00	0.00
20,600.00	90.75	359.95	11,659.65	8,316.08	847.70	8,358.29	0.00	0.00	0.00
20,700.00	90.75	359.95	11,658.34	8,416.07	847.61	8,457.90	0.00	0.00	0.00
20,800.00	90.75	359.95	11,657.04	8,516.06	847.53	8,557.50	0.00	0.00	0.00
20,900.00	90.75	359.95	11,655.73	8,616.05	847.44	8,657.11	0.00	0.00	0.00
21,000.00	90.75	359.95	11,654.42	8,716.05	847.35	8,756.71	0.00	0.00	0.00
21,100.00	90.75	359.95	11,653.11	8,816.04	847.26	8,856.32	0.00	0.00	0.00
21,200.00	90.75	359.95	11,651.80	8,916.03	847.18	8,955.92	0.00	0.00	0.00
21,300.00	90.75	359.95	11,650.49	9,016.02	847.09	9,055.53	0.00	0.00	0.00
21,400.00	90.75	359.95	11,649.18	9,116.01	847.00	9,155.13	0.00	0.00	0.00
21,500.00	90.75	359.95	11,647.87	9,216.00	846.91	9,254.74	0.00	0.00	0.00
21,600.00	90.75	359.95	11,646.56	9,315.99	846.83	9,354.34	0.00	0.00	0.00
21,700.00	90.75	359.95	11,645.26	9,415.99	846.74	9,453.95	0.00	0.00	0.00
21,800.00	90.75	359.95	11,643.95	9,515.98	846.65	9,553.55	0.00	0.00	0.00



Planning Report



Database:	USA Compass	Local Co-ordinate Reference:	Well 605H
Company:	Centennial Resources Development, Inc.	TVD Reference:	RKB @ 3720.90usft (H&P 313)
Project:	Lea County, NM (NAD83 - UTM Zone 13)	MD Reference:	RKB @ 3720.90usft (H&P 313)
Site:	Gouda Federal Com	North Reference:	True
Well:	605H	Survey Calculation Method:	Minimum Curvature
Wellbore:	ST01 / 67826		
Design:	Plan 2 05-25-21		

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)
21,900.00	90.75	359.95	11,642.64	9,615.97	846.57	9,653.16	0.00	0.00	0.00
21,983.82	90.75	359.95	11,641.54	9,699.78	846.49	9,736.65	0.00	0.00	0.00
TD at 21983.82									

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									
BHLv2 - Gouda Federal	-0.75	359.95	11,641.54	9,699.78	846.49	11,778,855.22	2,044,627.62	32° 26' 31.734845 N 103° 41' 21.697583 W	
- plan hits target center									
- Rectangle (sides W0.00 H9,779.63 D30.00)									
FPPv2 - Gouda Federal	0.00	0.00	11,743.76	1,890.86	853.40	11,771,048.64	2,044,730.08	32° 25' 14.466922 N 103° 41' 21.619702 W	
- plan misses target center by 0.10usft at 14174.23usft MD (11743.76 TVD, 1890.86 N, 853.31 E)									
- Point									
FTP - Gouda Federal Cc	0.00	0.00	11,760.90	-652.81	855.65	11,768,505.73	2,044,763.45	32° 24' 49.297667 N 103° 41' 21.594261 W	
- plan misses target center by 637.74usft at 12266.00usft MD (11765.19 TVD, -16.08 N, 819.95 E)									
- Point									

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
12,266.00	11,765.19	-16.08	819.95	Tie In
12,270.00	11,765.16	-12.08	820.05	ST, Begin 14.00°/100' Drop & Turn
12,300.00	11,765.47	17.86	821.71	Begin 2.00°/100' Turn
12,434.47	11,766.52	151.92	831.97	Hold 3.76° Azm
12,683.48	11,763.27	400.38	848.29	Begin 2.00°/100' Turn
12,873.82	11,760.79	590.56	854.44	Hold 359.95° Azm
21,983.82	11,641.54	9,699.78	846.49	TD at 21983.82

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

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Phone:(575) 748-1283 Fax:(575) 748-9720

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1000 Rio Brazos Rd., Aztec, NM 87410
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District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 30430

CONDITIONS

Operator: CENTENNIAL RESOURCE PRODUCTION, LLC 1001 17th Street, Suite 1800 Denver, CO 80202	OGRID: 372165
	Action Number: 30430
	Action Type: [C-103] NOI General Sundry (C-103X)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	11/15/2021