

Plan #1

WELL DETAILS: HEN 06NHS

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	1363760.57	3258630.51	40° 19' 41.556 N	104° 34' 20.441 W



Project: WELD COUNTY, COLORADO (TRUE)
Site: SW NE SEC. 8 T4N R64W 6th P.M. (HEN)
Well: HEN 06NHS
Wellbore: ORIGINAL WELLBORE
Design: PROPOSAL #3 U Lateral
Lat: 40° 19' 41.556 N
Long: 104° 34' 20.441 W
GL: 4780.0
KB: KB 23ft @ 4803.0usft



Azimuths to True North
Magnetic North: 7.76°

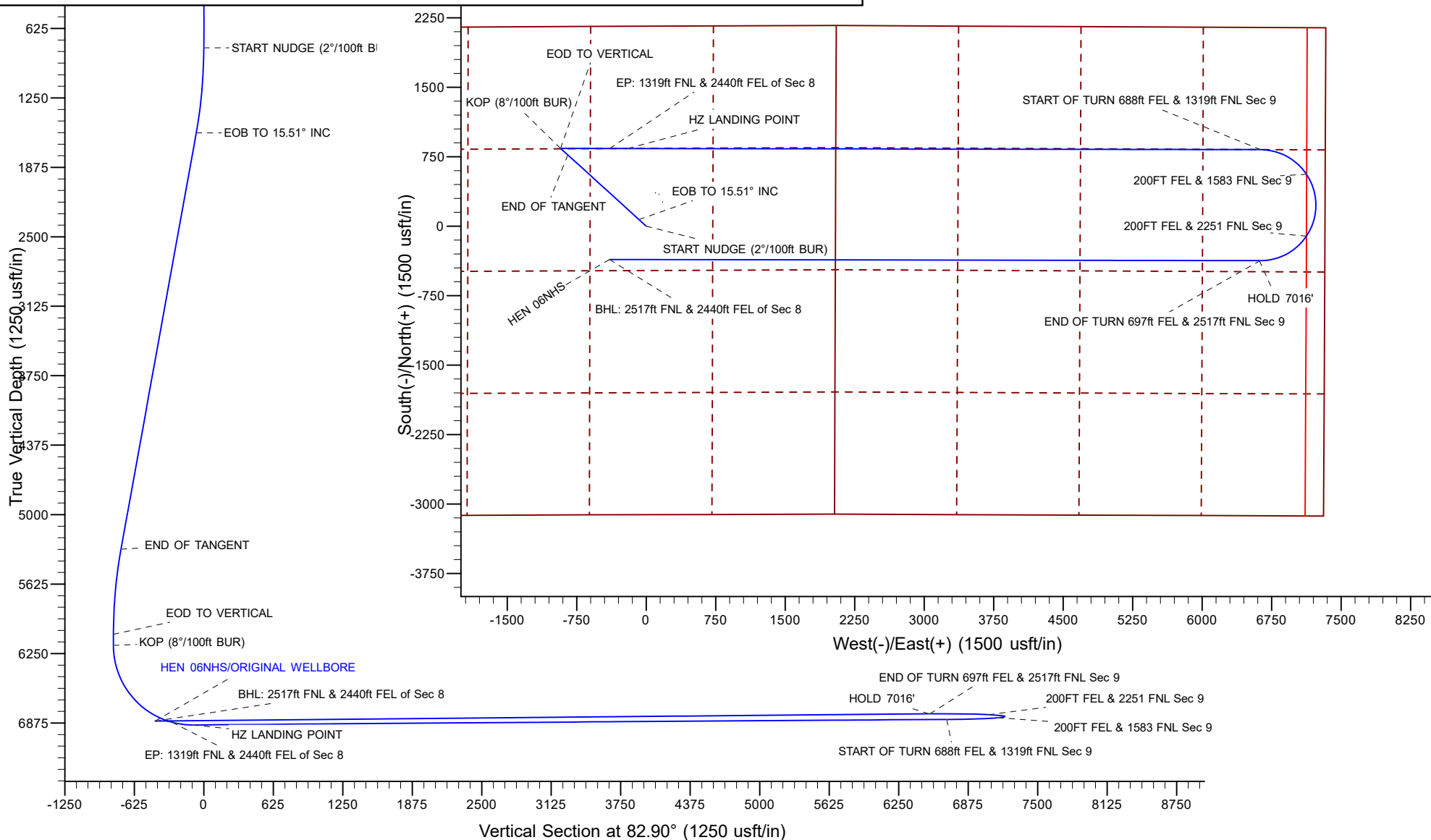
Magnetic Field
Strength: 51953.1nT
Dip Angle: 66.63°
Date: 4/19/2021
Model: IGRF2000

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
800.0	0.00	0.00	800.0	0.0	0.0	0.00	0.00	0.0	START NUDGE (2°/100ft BUR)
1575.4	15.51	312.27	1566.0	70.2	-77.2	2.00	312.27	-67.9	EOB TO 15.51° INC
5461.8	15.51	312.27	5310.8	769.1	-846.2	0.00	0.00	-744.7	END OF TANGENT
6237.2	0.00	0.00	6076.8	839.2	-923.4	2.00	180.00	-812.6	EOD TO VERTICAL
6337.2	0.00	0.00	6176.8	839.2	-923.4	0.00	0.00	-812.6	KOP (8°/100ft BUR)
7274.7	75.00	90.10	6868.6	838.3	-392.6	8.00	90.10	-286.0	EP: 1319ft FNL & 2440ft FEL of Sec 8
7468.1	90.47	90.10	6893.0	838.0	-201.3	8.00	0.00	-96.2	HZ LANDING POINT
14300.0	90.37	90.11	6843.0	825.5	6630.4	0.00	175.59	6681.6	START OF TURN 688ft FEL & 1319ft FNL Sec 9
16182.7	89.64	270.00	6792.0	-372.7	6628.9	9.55	87.56	6532.1	END OF TURN 697ft FEL & 2517ft FNL Sec 9
16192.7	89.46	270.10	6792.1	-372.7	6618.9	2.00	149.28	6522.2	HOLD 7016'
23209.1	89.46	270.10	6857.7	-360.1	-397.1	0.00	0.00	-438.5	BHL: 2517ft FNL & 2440ft FEL of Sec 8

Plan: PROPOSAL #3 U Lateral (HEN 06NHS/ORIGINAL WELLBORE)

Created By: Mike Mataalii Date: 7:24, February 13 2023



PDC Energy Inc.
Anticollision Summary Report

Company:	PDC ENERGY Derrick	Local Co-ordinate Reference:	Well HEN 06NHS
Project:	WELD COUNTY, COLORADO (TRUE)	TVD Reference:	KB 23ft @ 4803.0usft
Reference Site:	SW NE SEC. 8 T4N R64W 6th P.M. (HEN)	MD Reference:	KB 23ft @ 4803.0usft
Site Error:	0.0 usft	North Reference:	True
Reference Well:	HEN 06NHS	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	Database:	EDM 5000.15 Single User Db
Reference Design:	PROPOSAL #3 U Lateral	Offset TVD Reference:	Offset Datum

Reference	PROPOSAL #3 U Lateral		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	Stations	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 2,500.0 usft	Error Surface:	Ellipsoid Separation
Warning Levels Evaluated at:	2.00 Sigma	Casing Method:	Not applied

Survey Tool Program	Date	2/9/2023		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.0	23,209.0	PROPOSAL #3 U Lateral (ORIGINAL WEL	MWD+IFR1+SAG+MS	OWSG MWD + IFR1 + Sag + Multi-Station Correction

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
SW NE SEC. 8 T4N R64W 6th P.M. (HEN)						
ABDN DD ALTER C 16-28D - Wellbore #1 - Wellbore #1						Out of range
ABDN DD ALTER C 16-29D - ORIGINAL WELLBORE - W						Out of range
ABDN DD ALTER C 16-29D - SIDETRACK - SIDETRACK						Out of range
ABDN HZ FRANKLIN C08-62HXX - ORIGINAL WELLBO	21,972.7	10,756.0	2,145.4	1,874.0	7.904	CC
ABDN HZ FRANKLIN C08-62HXX - ORIGINAL WELLBO	22,000.0	10,756.0	2,145.5	1,873.9	7.898	ES, SF
ABDN HZ FRANKLIN C08-62HXX - SIDETRACK - SIDE	21,962.7	10,803.0	2,038.2	1,767.1	7.518	CC
ABDN HZ FRANKLIN C08-62HXX - SIDETRACK - SIDE	22,000.0	10,803.0	2,038.6	1,767.1	7.509	ES, SF
ABDN VERT CONQUEST SWD 1-8 - Wellbore #1 - Desig	20,989.0	6,748.9	2,229.0	1,952.1	8.049	CC
ABDN VERT CONQUEST SWD 1-8 - Wellbore #1 - Desig	21,000.0	6,749.0	2,229.0	1,952.0	8.047	ES
ABDN VERT CONQUEST SWD 1-8 - Wellbore #1 - Desig	21,100.0	6,750.0	2,231.7	1,954.1	8.038	SF
ABDN VERT COX 8-1 - Wellbore #1 - Wellbore #1	6,353.1	6,167.6	808.5	784.1	33.138	CC, ES
ABDN VERT COX 8-1 - Wellbore #1 - Wellbore #1	23,209.0	6,951.9	2,093.0	1,945.6	14.198	SF
ABDN VERT COX PM C 8-4 - Wellbore #1 - Wellbore #1	6,360.3	6,231.8	1,680.6	1,656.7	70.522	CC, ES
ABDN VERT COX PM C 8-4 - Wellbore #1 - Wellbore #1	6,500.0	6,372.0	1,692.8	1,668.5	69.691	SF
ABDN VERT COX PM C 8-5 - Wellbore #1 - Wellbore #1	6,342.5	6,186.8	1,839.5	1,814.6	73.858	CC, ES
ABDN VERT COX PM C 8-5 - Wellbore #1 - Wellbore #1	23,209.0	6,865.4	2,411.4	2,361.5	48.345	SF
ABDN VERT GEHRING 8-1514 - Wellbore #1 - Wellbore #	22,389.4	6,784.3	1,702.6	1,545.3	10.822	CC
ABDN VERT GEHRING 8-1514 - Wellbore #1 - Wellbore #	22,400.0	6,784.3	1,702.6	1,545.2	10.816	ES
ABDN VERT GEHRING 8-1514 - Wellbore #1 - Wellbore #	22,500.0	6,784.2	1,706.2	1,548.3	10.807	SF
ABDN VERT GEHRING C 8-10X - Wellbore #1 - Wellbore	22,878.5	6,814.9	622.4	460.3	3.841	CC, ES, SF
ABDN VERT HAGEN 9-16 - Wellbore #1 - Design #1	16,352.3	6,660.6	2,285.8	2,048.5	9.630	CC, ES
ABDN VERT HAGEN 9-16 - Wellbore #1 - Design #1	16,400.0	6,661.0	2,286.3	2,048.8	9.624	SF
ABDN VERT HEISER 1 - Wellbore #1 - Design #1	22,732.6	6,808.2	775.3	479.9	2.625	CC, ES, SF
ABDN VERT LEVI C 5-15 - Wellbore #1 - Wellbore #1	8,048.5	6,846.8	2,081.4	2,050.7	67.772	CC, ES
ABDN VERT LEVI C 5-15 - Wellbore #1 - Wellbore #1	8,800.0	6,847.2	2,212.9	2,178.0	63.302	SF
ABDN VERT REINICK 1 - Wellbore #1 - Wellbore #1	13,900.8	6,751.1	324.4	233.0	3.547	CC, ES, SF
ABDN VERT REINICK 2 - Wellbore #1 - Wellbore #1	12,978.2	6,754.3	619.0	538.2	7.663	CC, ES
ABDN VERT REINICK 2 - Wellbore #1 - Wellbore #1	13,000.0	6,754.4	619.3	538.3	7.647	SF
ABDN VERT REINICK 9-7 - Wellbore #1 - Design #1	17,629.3	6,705.5	403.8	156.8	1.635	CC, ES, SF
ABDN VERT RICHARDSON 10-12 - Wellbore #1 - Wellb	15,450.0	6,624.8	1,522.1	1,437.9	18.071	SF
ABDN VERT RICHARDSON 10-12 - Wellbore #1 - Wellb	15,700.0	6,623.0	1,434.0	1,359.4	19.231	ES
ABDN VERT RICHARDSON 10-12 - Wellbore #1 - Wellb	15,731.7	6,622.8	1,432.8	1,359.6	19.585	CC
ABDN VERT RUFF 1 - Wellbore #1 - Design #1	7,800.5	6,859.7	662.8	497.5	4.010	CC, ES, SF
ABDN VERT RYANN STATE C 16-27 - Wellbore #1 - We						Out of range
ABDN VERT RYDGREN 8-1 - Wellbore #1 - Wellbore #1	23,209.0	6,882.4	2,366.0	2,306.5	39.767	CC, ES, SF
ABDN VERT SLEDGE C 9-28 - Wellbore #1 - Design #1	12,347.0	6,787.1	1,083.9	876.3	5.221	CC, ES
ABDN VERT SLEDGE C 9-28 - Wellbore #1 - Design #1	12,400.0	6,786.7	1,085.2	877.0	5.213	SF

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

PDC Energy Inc.
Anticollision Summary Report

Company:	PDC ENERGY Derrick	Local Co-ordinate Reference:	Well HEN 06NHS
Project:	WELD COUNTY, COLORADO (TRUE)	TVD Reference:	KB 23ft @ 4803.0usft
Reference Site:	SW NE SEC. 8 T4N R64W 6th P.M. (HEN)	MD Reference:	KB 23ft @ 4803.0usft
Site Error:	0.0 usft	North Reference:	True
Reference Well:	HEN 06NHS	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	Database:	EDM 5000.15 Single User Db
Reference Design:	PROPOSAL #3 U Lateral	Offset TVD Reference:	Offset Datum

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
SW NE SEC. 8 T4N R64W 6th P.M. (HEN)						
ABDN VERT SLEDGE C 9-29 - Wellbore #1 - Design #1	11,008.7	6,817.6	1,139.5	946.4	5.903	CC, ES
ABDN VERT SLEDGE C 9-29 - Wellbore #1 - Design #1	11,100.0	6,816.9	1,143.1	949.2	5.895	SF
ABDN VERT SMITH 1 - Wellbore #1 - Design #1	10,368.4	6,825.3	653.7	467.5	3.510	CC, ES
ABDN VERT SMITH 1 - Wellbore #1 - Design #1	10,400.0	6,825.1	654.5	467.9	3.508	SF
ABDN VERT SMITH 2 - Wellbore #1 - Design #1	11,701.1	6,802.6	623.5	423.1	3.110	CC, ES, SF
ABDN VERT SMITH 3 - Wellbore #1 - Design #1	11,689.5	6,790.0	538.6	338.5	2.692	CC, ES
ABDN VERT SMITH 3 - Wellbore #1 - Design #1	18,800.0	6,745.8	659.8	402.7	2.566	SF
ABDN VERT STATE 16-214 - Wellbore #1 - Wellbore #1						Out of range
ABDN VERT THEA C 09-32 - Wellbore #1 - Wellbore #1	20,654.4	6,770.1	109.8	-27.9	0.798	Level 1, CC, ES, SF
EXIST DD ALTER C 09-24D - Wellbore #1 - Wellbore #1	18,048.0	7,254.5	1,413.2	1,253.6	8.856	CC, ES
EXIST DD ALTER C 09-24D - Wellbore #1 - Wellbore #1	18,100.0	7,254.0	1,414.1	1,253.9	8.825	SF
EXIST DD ALTER C 09-33D - Wellbore #1 - Wellbore #1	20,832.9	6,906.8	1,418.7	1,259.2	8.896	CC, ES, SF
EXIST DD BURMAN C 04-33D - Wellbore #1 - Wellbore						Out of range
EXIST DD BURMAN C 05-23D - Wellbore #1 - Wellbore						Out of range
EXIST DD BURMAN C05-24D - Wellbore #1 - Wellbore #						Out of range
EXIST DD NGL C1C - Wellbore #1 - Wellbore #1						Out of range
EXIST DD RUFF C 08-27D - Wellbore #1 - Wellbore #1	8,400.2	6,905.5	1,261.8	1,214.2	26.517	CC, ES
EXIST DD RUFF C 08-27D - Wellbore #1 - Wellbore #1	22,300.0	6,879.2	2,469.8	2,299.6	14.511	SF
EXIST DD SLEDGE C 9-30D - Wellbore #1 - Wellbore #1	9,638.0	6,932.4	1,557.8	1,495.6	25.073	CC, ES
EXIST DD SLEDGE C 9-30D - Wellbore #1 - Wellbore #1	9,700.0	6,931.3	1,559.0	1,496.7	25.004	SF
EXIST HZ CHALLENGER 1N - ORIGINAL WELLBORE -	3,288.1	3,024.3	1,100.1	1,079.9	54.492	CC
EXIST HZ CHALLENGER 1N - ORIGINAL WELLBORE -	3,598.0	3,352.9	1,100.6	1,078.4	49.573	ES
EXIST HZ CHALLENGER 1N - ORIGINAL WELLBORE -	23,209.0	6,670.4	2,495.9	2,317.6	14.000	SF
EXIST HZ CHALLENGER 1N - SIDETRACK - SIDETRAC	3,288.1	3,024.3	1,100.1	1,079.9	54.492	CC
EXIST HZ CHALLENGER 1N - SIDETRACK - SIDETRAC	3,598.0	3,352.9	1,100.6	1,078.4	49.573	ES
EXIST HZ CHALLENGER 1N - SIDETRACK - SIDETRAC	23,209.0	6,670.4	2,495.9	2,317.6	14.000	SF
EXIST HZ CHALLENGER 2N - Wellbore #1 - Wellbore #1	3,957.5	3,711.0	965.4	941.7	40.731	CC
EXIST HZ CHALLENGER 2N - Wellbore #1 - Wellbore #1	6,810.4	6,802.6	972.9	932.8	24.277	ES
EXIST HZ CHALLENGER 2N - Wellbore #1 - Wellbore #1	23,209.0	6,796.2	2,220.0	2,043.9	12.606	SF
EXIST HZ CHALLENGER 3N - Wellbore #1 - Wellbore #1	6,691.7	6,593.8	705.2	666.1	18.032	CC, ES
EXIST HZ CHALLENGER 3N - Wellbore #1 - Wellbore #1	23,209.0	6,532.2	1,976.7	1,803.7	11.425	SF
EXIST HZ CHALLENGER 4N - Wellbore #1 - Wellbore #1	6,839.5	6,702.3	422.9	383.9	10.833	CC, ES
EXIST HZ CHALLENGER 4N - Wellbore #1 - Wellbore #1	23,209.0	6,695.8	1,675.3	1,502.2	9.681	SF
EXIST HZ CHALLENGER 5N - Wellbore #1 - Wellbore #1	6,809.0	6,662.7	225.8	186.9	5.804	CC, ES, SF
EXIST HZ CHALLENGER 6N - Wellbore #1 - Wellbore #1	6,776.6	6,626.5	41.7	3.7	1.097	Level 2, CC, ES, SF
EXIST HZ CHALLENGER 7N - Wellbore #1 - Wellbore #1	4,146.2	4,056.7	36.5	11.1	1.435	Level 3, CC, ES, SF
EXIST HZ CHALLENGER 8N - Wellbore #1 - Wellbore #1	3,816.6	3,741.9	170.7	146.4	7.016	CC, ES
EXIST HZ CHALLENGER 8N - Wellbore #1 - Wellbore #1	23,209.0	6,634.0	756.1	612.0	5.246	SF
EXIST HZ CHALLENGER 9N - Wellbore #1 - Wellbore #1	3,466.0	3,402.1	302.6	279.2	12.938	CC, ES
EXIST HZ CHALLENGER 9N - Wellbore #1 - Wellbore #1	23,209.0	6,633.0	653.0	544.2	5.997	SF
EXIST HZ FRANKLIN C17-69HN - Wellbore #1 - Wellbor						Out of range
EXIST HZ HAROLD 6X-232 - Wellbore #1 - Wellbore #1	10,992.8	13,676.3	2,085.1	1,832.3	8.248	CC
EXIST HZ HAROLD 6X-232 - Wellbore #1 - Wellbore #1	14,350.0	17,040.7	2,121.5	1,735.6	5.497	ES
EXIST HZ HAROLD 6X-232 - Wellbore #1 - Wellbore #1	14,450.0	17,136.5	2,137.8	1,748.0	5.485	SF
EXIST HZ HAROLD 6X-302 - Wellbore #1 - Wellbore #1	7,862.4	10,596.0	2,395.9	2,258.9	17.494	CC
EXIST HZ HAROLD 6X-302 - Wellbore #1 - Wellbore #1	14,300.0	17,000.0	2,416.6	2,033.9	6.315	ES
EXIST HZ HAROLD 6X-302 - Wellbore #1 - Wellbore #1	14,400.0	17,068.5	2,426.9	2,041.1	6.291	SF
EXIST HZ HAROLD 6Y-202 - Wellbore #1 - Wellbore #1	7,086.9	9,782.0	1,518.4	1,405.6	13.459	CC
EXIST HZ HAROLD 6Y-202 - Wellbore #1 - Wellbore #1	14,350.0	17,095.0	1,560.6	1,173.6	4.032	ES
EXIST HZ HAROLD 6Y-202 - Wellbore #1 - Wellbore #1	14,400.0	17,133.5	1,565.7	1,176.9	4.027	SF
EXIST HZ HAROLD 6Y-312 - Wellbore #1 - Wellbore #1	8,981.3	11,747.1	1,741.7	1,565.7	9.897	CC
EXIST HZ HAROLD 6Y-312 - Wellbore #1 - Wellbore #1	14,350.0	17,200.9	1,772.0	1,384.8	4.576	ES
EXIST HZ HAROLD 6Y-312 - Wellbore #1 - Wellbore #1	14,450.0	17,285.0	1,784.5	1,393.5	4.564	SF

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PDC Energy Inc.
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Site Error:	0.0 usft	North Reference:	True
Reference Well:	HEN 06NHS	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	Database:	EDM 5000.15 Single User Db
Reference Design:	PROPOSAL #3 U Lateral	Offset TVD Reference:	Offset Datum

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
SW NE SEC. 8 T4N R64W 6th P.M. (HEN)						
EXIST HZ JAGGED 10N - Wellbore #1 - Wellbore #1	0.0	0.0	1,371.4			
EXIST HZ JAGGED 10N - Wellbore #1 - Wellbore #1	200.0	189.0	1,372.0	1,371.3	1,912.075	ES
EXIST HZ JAGGED 10N - Wellbore #1 - Wellbore #1	23,209.0	6,365.0	2,059.1	1,887.0	11.960	SF
EXIST HZ JAGGED 11N - Wellbore #1 - Wellbore #1	393.8	370.1	1,382.3	1,380.5	762.702	CC
EXIST HZ JAGGED 11N - Wellbore #1 - Wellbore #1	400.0	374.2	1,382.4	1,380.5	749.937	ES
EXIST HZ JAGGED 11N - Wellbore #1 - Wellbore #1	23,209.0	6,413.6	2,281.7	2,106.3	13.009	SF
EXIST HZ JAGGED 12N - Wellbore #1 - Wellbore #1	0.0	0.0	1,393.3			
EXIST HZ JAGGED 12N - Wellbore #1 - Wellbore #1	100.0	90.4	1,393.5	1,393.3	6,191.822	ES
EXIST HZ JAGGED 12N - Wellbore #1 - Wellbore #1	23,209.0	6,365.0	2,463.4	2,288.7	14.101	SF
EXIST HZ JAGGED 1N - Wellbore #1 - Wellbore #1	23,209.0	6,729.4	447.1	365.4	5.468	CC, ES, SF
EXIST HZ JAGGED 2N - Wellbore #1 - Wellbore #1	23,209.0	6,586.0	566.5	495.5	7.981	CC, ES, SF
EXIST HZ JAGGED 3N - Wellbore #1 - Wellbore #1	23,209.0	6,598.2	605.7	505.4	6.036	CC, ES, SF
EXIST HZ JAGGED 4N - Wellbore #1 - Wellbore #1	23,209.0	6,531.4	819.4	683.2	6.015	CC, ES, SF
EXIST HZ JAGGED 5N - Wellbore #1 - Wellbore #1	23,209.0	6,624.4	1,000.9	845.0	6.423	CC, ES, SF
EXIST HZ JAGGED 6N - Wellbore #1 - Wellbore #1	23,209.0	6,627.0	1,204.2	1,039.6	7.316	CC, ES, SF
EXIST HZ JAGGED 7N - Wellbore #1 - Wellbore #1	457.1	453.1	1,338.4	1,336.2	611.388	CC
EXIST HZ JAGGED 7N - Wellbore #1 - Wellbore #1	23,209.0	6,555.0	1,420.1	1,251.4	8.419	ES, SF
EXIST HZ JAGGED 8N - Wellbore #1 - Wellbore #1	0.0	0.0	1,349.8			
EXIST HZ JAGGED 8N - Wellbore #1 - Wellbore #1	500.0	487.2	1,352.0	1,349.6	560.792	ES
EXIST HZ JAGGED 8N - Wellbore #1 - Wellbore #1	23,209.0	6,524.9	1,601.5	1,430.2	9.350	SF
EXIST HZ JAGGED 9N - Wellbore #1 - Wellbore #1	0.0	0.0	1,360.9			
EXIST HZ JAGGED 9N - Wellbore #1 - Wellbore #1	500.0	482.5	1,361.8	1,359.4	567.374	ES
EXIST HZ JAGGED 9N - Wellbore #1 - Wellbore #1	23,209.0	6,442.7	1,866.0	1,693.5	10.821	SF
EXIST HZ MARK ALTER C16-79HN - Wellbore #1 - Well	20,651.5	6,206.0	2,333.9	2,185.5	15.723	CC, ES
EXIST HZ MARK ALTER C16-79HN - Wellbore #1 - Well	20,800.0	6,206.0	2,338.6	2,189.4	15.667	SF
EXIST HZ NORTHRUP C 08-73HN - Wellbore #1 - Wellb	8,412.7	7,671.0	3.2	-20.9	0.134	Level 1, CC, SF
EXIST HZ NORTHRUP C 08-73HN - Wellbore #1 - Wellb	22,081.0	8,869.0	37.8	-51.3	0.424	Level 1, ES
EXIST HZ NORTHRUP C 08-75HN - Wellbore #1 - Wellb	7,153.0	7,992.4	85.6	60.8	3.447	CC, ES
EXIST HZ NORTHRUP C 08-75HN - Wellbore #1 - Wellb	23,209.0	9,189.8	181.0	112.8	2.656	SF
EXIST HZ OREDIGGER C10-69HN - Wellbore #1 - Wellb	14,539.9	6,444.0	1,406.8	1,304.5	13.752	CC
EXIST HZ OREDIGGER C10-69HN - Wellbore #1 - Wellb	14,550.0	6,444.0	1,406.9	1,304.2	13.704	ES
EXIST HZ OREDIGGER C10-69HN - Wellbore #1 - Wellb	14,700.0	6,475.0	1,435.2	1,327.4	13.311	SF
EXIST HZ SANDY HILLS PC C17-67HN - Wellbore #1 - W						Out of range
EXIST HZ STOCKLEY C15-79HN - Wellbore #1 - Wellbo	15,757.4	13,772.0	572.6	413.2	3.592	CC
EXIST HZ STOCKLEY C15-79HN - Wellbore #1 - Wellbo	15,800.0	13,772.0	575.7	412.8	3.535	ES, SF
EXIST HZ ZANE ALTER C 09-21 - Wellbore #1 - Wellbor	12,516.0	9,239.0	644.8	598.8	14.007	CC, ES
EXIST HZ ZANE ALTER C 09-21 - Wellbore #1 - Wellbor	18,000.0	8,095.6	710.7	646.8	11.121	SF
EXIST VERT ALTER C 9-23 - Wellbore #1 - Design #1	16,809.6	6,679.9	1,352.0	1,111.3	5.617	CC, ES, SF
EXIST VERT ALTER C 9-25 - Wellbore #1 - Design #1	19,467.4	6,727.3	1,315.0	1,052.5	5.010	CC, ES
EXIST VERT ALTER C 9-25 - Wellbore #1 - Design #1	19,500.0	6,727.6	1,315.4	1,052.7	5.008	SF
EXIST VERT AMANDA ALTER C 9-20 - Wellbore #1 - De	19,449.9	6,742.4	267.6	5.3	1.020	Level 2, CC, ES, SF
EXIST VERT BARTON C 15-29 - Wellbore #1 - Design #						Out of range
EXIST VERT BENNER 1 - Wellbore #1 - Wellbore #1	21,329.1	6,770.6	514.6	368.0	3.510	CC, ES, SF
EXIST VERT CONNELL 14-4 - Wellbore #1 - Wellbore #1	10,335.7	6,818.6	2,126.2	2,074.5	41.133	CC, ES
EXIST VERT CONNELL 14-4 - Wellbore #1 - Wellbore #1	10,900.0	6,809.9	2,199.8	2,143.4	39.027	SF
EXIST VERT CONNELL 3 - Wellbore #1 - Wellbore #1	11,710.2	6,770.9	2,025.8	1,959.7	30.674	CC, ES
EXIST VERT CONNELL 3 - Wellbore #1 - Wellbore #1	12,100.0	6,758.3	2,062.9	1,993.3	29.646	SF
EXIST VERT CONNELL C 4-25 - Wellbore #1 - Wellbore						Out of range
EXIST VERT COX 8-19D - Wellbore #1 - Design #1	6,337.2	6,163.8	1,160.8	1,014.5	7.933	CC
EXIST VERT COX 8-19D - Wellbore #1 - Design #1	6,350.0	6,176.6	1,160.9	1,014.3	7.918	ES
EXIST VERT COX 8-19D - Wellbore #1 - Design #1	6,450.0	6,276.2	1,169.7	1,020.8	7.854	SF
EXIST VERT COX PM C 8-6 - Wellbore #1 - Wellbore #1	5,343.5	5,170.2	610.6	588.8	27.978	CC
EXIST VERT COX PM C 8-6 - Wellbore #1 - Wellbore #1	5,400.0	5,224.8	610.7	588.7	27.667	ES

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

PDC Energy Inc.
Anticollision Summary Report

Company:	PDC ENERGY Derrick	Local Co-ordinate Reference:	Well HEN 06NHS
Project:	WELD COUNTY, COLORADO (TRUE)	TVD Reference:	KB 23ft @ 4803.0usft
Reference Site:	SW NE SEC. 8 T4N R64W 6th P.M. (HEN)	MD Reference:	KB 23ft @ 4803.0usft
Site Error:	0.0 usft	North Reference:	True
Reference Well:	HEN 06NHS	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	Database:	EDM 5000.15 Single User Db
Reference Design:	PROPOSAL #3 U Lateral	Offset TVD Reference:	Offset Datum

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
SW NE SEC. 8 T4N R64W 6th P.M. (HEN)						
EXIST VERT COX PM C 8-6 - Wellbore #1 - Wellbore #1	23,209.0	6,836.4	1,128.6	1,033.6	11.881	SF
EXIST VERT CPC HARLESS 17-1 - Wellbore #1 - Wellbo						Out of range
EXIST VERT EMBRICK C 10-19 - Wellbore #1 - Wellbore	15,063.1	6,677.9	1,329.4	1,288.3	32.303	CC
EXIST VERT EMBRICK C 10-19 - Wellbore #1 - Wellbore	15,100.0	6,677.7	1,331.0	1,287.8	30.803	ES
EXIST VERT EMBRICK C 10-19 - Wellbore #1 - Wellbore	15,450.0	6,673.1	1,494.1	1,433.9	24.818	SF
EXIST VERT ENGLAND 8-3-17 - Wellbore #1 - Wellbore	23,209.0	6,870.1	1,908.8	1,867.9	46.666	CC, ES, SF
EXIST VERT ENGLAND 8-35 - Wellbore #1 - Wellbore #1	23,209.0	6,844.8	2,101.4	1,989.4	18.770	CC, ES, SF
EXIST VERT GEHRING 1 - Wellbore #1 - Wellbore #1	21,470.2	6,777.6	1,987.1	1,839.1	13.432	CC
EXIST VERT GEHRING 1 - Wellbore #1 - Wellbore #1	21,500.0	6,777.6	1,987.3	1,839.1	13.413	ES
EXIST VERT GEHRING 1 - Wellbore #1 - Wellbore #1	21,600.0	6,777.6	1,991.3	1,842.6	13.392	SF
EXIST VERT GEHRING 8-914 - Wellbore #1 - Wellbore #	21,339.7	6,802.7	663.0	516.3	4.518	CC, ES, SF
EXIST VERT HAGEN 9-10 - Wellbore #1 - Design #1	17,384.5	6,693.8	967.3	722.3	3.949	CC, ES
EXIST VERT HAGEN 9-10 - Wellbore #1 - Design #1	17,400.0	6,693.9	967.4	722.4	3.949	SF
EXIST VERT HAGEN 9-15 - Wellbore #1 - Design #1	17,659.1	6,686.2	2,287.0	2,040.2	9.265	CC, ES
EXIST VERT HAGEN 9-15 - Wellbore #1 - Design #1	17,700.0	6,686.6	2,287.4	2,040.3	9.257	SF
EXIST VERT HAGEN 9-9 - Wellbore #1 - Wellbore #1	16,476.4	6,735.1	908.1	801.7	8.537	CC, ES, SF
EXIST VERT HARLESS PM C 17-2 - Wellbore #1 - Desig						Out of range
EXIST VERT JOHNSON 9-11 - Wellbore #1 - Design #1	18,787.8	6,718.9	779.2	522.8	3.038	CC, ES, SF
EXIST VERT JOHNSON 9-13 - Wellbore #1 - Wellbore #	20,075.0	6,800.0	2,080.9	1,946.0	15.431	CC
EXIST VERT JOHNSON 9-13 - Wellbore #1 - Wellbore #	20,100.0	6,800.0	2,081.0	1,946.0	15.412	ES
EXIST VERT JOHNSON 9-13 - Wellbore #1 - Wellbore #	20,200.0	6,800.0	2,084.6	1,949.1	15.380	SF
EXIST VERT MCCLINTOCK C 4-15 - Wellbore #1 - Wellb	13,125.1	6,720.8	2,352.6	2,270.3	28.572	CC, ES
EXIST VERT MCCLINTOCK C 4-15 - Wellbore #1 - Wellb	13,500.0	6,716.3	2,382.3	2,296.3	27.707	SF
EXIST VERT NGL C1A - Wellbore #1 - Design #1						Out of range
EXIST VERT NGL C1B - Wellbore #1 - Design #1	21,189.4	6,760.8	2,325.9	2,046.8	8.334	CC
EXIST VERT NGL C1B - Wellbore #1 - Design #1	21,200.0	6,760.9	2,325.9	2,046.8	8.332	ES
EXIST VERT NGL C1B - Wellbore #1 - Design #1	21,300.0	6,761.8	2,328.5	2,048.7	8.321	SF
EXIST VERT REINICK 10-5 - Wellbore #1 - Wellbore #1	15,000.0	6,652.4	811.3	757.8	15.168	SF
EXIST VERT REINICK 10-5 - Wellbore #1 - Wellbore #1	15,334.9	6,652.8	655.5	626.5	22.648	CC, ES
EXIST VERT REINICK 1-10-4-64 - Wellbore #1 - Wellbor	14,777.0	6,728.4	1,329.7	1,256.8	18.222	CC
EXIST VERT REINICK 1-10-4-64 - Wellbore #1 - Wellbor	14,800.0	6,727.2	1,330.4	1,256.0	17.900	ES
EXIST VERT REINICK 1-10-4-64 - Wellbore #1 - Wellbor	15,050.0	6,714.8	1,415.5	1,329.1	16.386	SF
EXIST VERT REINICK 3 - Wellbore #1 - Wellbore #1	14,283.7	6,740.3	595.1	499.1	6.201	CC, ES
EXIST VERT REINICK 3 - Wellbore #1 - Wellbore #1	14,300.0	6,740.4	595.3	499.2	6.192	SF
EXIST VERT REINICK C 10-31 - Wellbore #1 - Wellbore	14,668.9	6,731.6	75.9	20.6	1.371	Level 3, CC
EXIST VERT REINICK C 10-31 - Wellbore #1 - Wellbore	14,700.0	6,731.2	82.8	-0.1	0.999	Level 1, ES, SF
EXIST VERT REINICK C 9-18 - Wellbore #1 - Design #1	12,399.9	6,778.0	91.6	-113.2	0.447	Level 1, CC
EXIST VERT REINICK C 9-18 - Wellbore #1 - Design #1	12,400.0	6,778.0	91.6	-113.2	0.447	Level 1, ES, SF
EXIST VERT REINICK C 9-22 - Wellbore #1 - Design #1	16,797.4	6,689.7	93.6	-144.6	0.393	Level 1, CC, ES, SF
EXIST VERT REISTAD 1 - Wellbore #1 - Wellbore #1	9,064.1	6,822.9	2,022.2	1,983.8	52.621	CC, ES
EXIST VERT REISTAD 1 - Wellbore #1 - Wellbore #1	9,700.0	6,816.9	2,119.8	2,076.8	49.285	SF
EXIST VERT RICHARDSON 10-13 - Wellbore #1 - Desig	15,800.0	6,646.8	2,353.3	2,132.1	10.639	SF
EXIST VERT RICHARDSON 10-13 - Wellbore #1 - Desig	15,874.8	6,645.4	2,347.5	2,127.6	10.677	CC, ES
EXIST VERT ROHR 15-414 - Wellbore #1 - Wellbore #1						Out of range
EXIST VERT ROHR C 15-19 - Wellbore #1 - Wellbore #1						Out of range
EXIST VERT RUFF 8-114 - Wellbore #1 - Wellbore #1	8,710.1	6,845.4	358.0	322.8	10.175	CC, ES, SF
EXIST VERT RUFF 8-714 - Wellbore #1 - Wellbore #1	341.0	317.9	450.9	449.6	347.235	CC
EXIST VERT RUFF 8-714 - Wellbore #1 - Wellbore #1	500.0	474.8	451.3	449.4	230.745	ES
EXIST VERT RUFF 8-714 - Wellbore #1 - Wellbore #1	22,400.0	6,813.5	669.4	512.1	4.255	SF
EXIST VERT RUFF C 8-1 - Wellbore #1 - Design #1	9,344.8	6,848.1	844.9	668.4	4.788	CC, ES
EXIST VERT RUFF C 8-1 - Wellbore #1 - Design #1	9,400.0	6,847.6	846.7	669.8	4.786	SF
EXIST VERT RYANN STATE C 16-1 - Wellbore #1 - Well						Out of range
EXIST VERT RYDGREN 8-31 - Wellbore #1 - Wellbore #	23,209.0	6,820.3	1,048.3	923.1	8.373	CC, ES, SF

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PDC Energy Inc.
Anticollision Summary Report

Company:	PDC ENERGY Derrick	Local Co-ordinate Reference:	Well HEN 06NHS
Project:	WELD COUNTY, COLORADO (TRUE)	TVD Reference:	KB 23ft @ 4803.0usft
Reference Site:	SW NE SEC. 8 T4N R64W 6th P.M. (HEN)	MD Reference:	KB 23ft @ 4803.0usft
Site Error:	0.0 usft	North Reference:	True
Reference Well:	HEN 06NHS	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	Database:	EDM 5000.15 Single User Db
Reference Design:	PROPOSAL #3 U Lateral	Offset TVD Reference:	Offset Datum

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
SW NE SEC. 8 T4N R64W 6th P.M. (HEN)						
EXIST VERT SLEDGE C 9-31 - Wellbore #1 - Design #1	9,912.8	6,819.3	92.9	-83.9	0.526	Level 1, CC, ES, SF
EXIST VERT SMITH 9-5 - Wellbore #1 - Design #1	19,916.2	6,762.2	364.0	96.9	1.363	Level 3, CC, ES, SF
EXIST VERT SMITH C 9-19 - Wellbore #1 - Design #1	11,146.8	6,814.6	363.8	169.3	1.870	CC, ES, SF
EXIST VERT STATE 16-314 - Wellbore #1 - Design #1						Out of range
EXIST VERT STATE 16-414 - Wellbore #1 - Design #1						Out of range
EXIST VERT VERN JOHNSON 1-A - Wellbore #1 - Design #1	18,742.2	6,708.4	2,140.9	1,885.0	8.367	CC, ES
EXIST VERT VERN JOHNSON 1-A - Wellbore #1 - Design #1	18,800.0	6,709.0	2,141.7	1,885.4	8.358	SF
EXIST VERT VERN JOHNSON 2 - Wellbore #1 - Design #1	20,114.0	6,748.8	774.5	505.8	2.882	CC, ES, SF
EXIST VERT WILMOTH 1 - Wellbore #1 - Wellbore #1	14,295.3	6,700.0	2,077.1	1,980.7	21.560	CC
EXIST VERT WILMOTH 1 - Wellbore #1 - Wellbore #1	14,300.0	6,700.0	2,077.1	1,980.7	21.547	ES
EXIST VERT WILMOTH 1 - Wellbore #1 - Wellbore #1	14,400.0	6,700.0	2,088.0	1,990.5	21.407	SF
EXIST VERT WILMOTH C 3-33 - Wellbore #1 - Wellbore						Out of range
EXIST VERT WILMOTH C 4-23 - Wellbore #1 - Wellbore						Out of range
EXIST VERT WILMOTH C 4-24 - Wellbore #1 - Wellbore						Out of range
EXIST VERT WILMOTH C 9-27 - Wellbore #1 - Wellbore	13,630.1	6,762.7	1,517.8	1,429.9	17.255	CC, ES
EXIST VERT WILMOTH C 9-27 - Wellbore #1 - Wellbore	13,800.0	6,760.9	1,527.3	1,437.7	17.053	SF
HEN 01N - ORIGINAL WELLBORE - PROPOSAL #2	300.0	299.0	75.0	73.3	43.957	CC, ES
HEN 01N - ORIGINAL WELLBORE - PROPOSAL #2	14,400.0	14,630.5	1,209.5	1,017.9	6.311	SF
HEN 02N - ORIGINAL WELLBORE - PROPOSAL #2	400.0	399.0	60.0	57.6	24.773	CC, ES
HEN 02N - ORIGINAL WELLBORE - PROPOSAL #2	14,350.0	14,569.8	960.7	770.3	5.047	SF
HEN 03N - ORIGINAL WELLBORE - PROPOSAL #2	500.0	499.0	45.0	41.9	14.337	CC, ES
HEN 03N - ORIGINAL WELLBORE - PROPOSAL #2	14,350.0	14,437.5	724.9	534.9	3.815	SF
HEN 04N - ORIGINAL WELLBORE - PROPOSAL #2	600.0	599.0	30.0	26.2	7.780	CC, ES
HEN 04N - ORIGINAL WELLBORE - PROPOSAL #2	14,350.0	14,439.8	481.4	291.2	2.531	SF
HEN 05N - ORIGINAL WELLBORE - PROPOSAL #2	700.0	699.0	15.0	10.4	3.280	CC, ES
HEN 05N - ORIGINAL WELLBORE - PROPOSAL #2	14,300.0	14,267.8	250.1	73.7	1.418	Level 3, SF
HEN 07N - ORIGINAL WELLBORE - PROPOSAL #2	800.0	799.0	15.0	9.7	2.831	CC
HEN 07N - ORIGINAL WELLBORE - PROPOSAL #2	14,900.0	14,694.0	66.1	-23.3	0.739	Level 1, ES, SF
HEN 08 - ORIGINAL WELLBORE - PROPOSAL #2	800.0	799.0	30.0	24.7	5.663	CC
HEN 08 - ORIGINAL WELLBORE - PROPOSAL #2	14,950.0	14,745.0	164.3	-0.3	0.998	Level 1, ES, SF
HEN 09N - ORIGINAL WELLBORE - PROPOSAL #2	800.0	799.0	45.0	39.7	8.498	CC
HEN 09N - ORIGINAL WELLBORE - PROPOSAL #2	15,550.0	14,695.2	177.8	-0.4	0.998	Level 1, ES, SF
HEN 10N - ORIGINAL WELLBORE - PROPOSAL #2	15,600.0	14,783.7	57.6	-25.7	0.692	Level 1, ES, SF
HEN 10N - ORIGINAL WELLBORE - PROPOSAL #2	15,624.6	14,769.4	54.0	-23.3	0.699	Level 1, CC
HEN 11N - ORIGINAL WELLBORE - PROPOSAL #2	16,690.7	13,734.3	0.1	-184.4	0.000	Level 1, CC, ES, SF
HEN 12NHS - ORIGINAL WELLBORE - PROPOSAL #3	800.0	799.0	90.0	84.7	17.003	CC
HEN 12NHS - ORIGINAL WELLBORE - PROPOSAL #3	16,182.7	14,344.2	250.4	68.9	1.379	Level 3, ES, SF
HEN 13N - ORIGINAL WELLBORE - PROPOSAL #2	800.0	799.0	105.0	99.7	19.838	CC, ES
HEN 13N - ORIGINAL WELLBORE - PROPOSAL #2	16,182.7	14,301.6	479.1	282.2	2.433	SF
HEN 14N - ORIGINAL WELLBORE - PROPOSAL #2	800.0	799.0	120.0	114.7	22.675	CC, ES
HEN 14N - ORIGINAL WELLBORE - PROPOSAL #2	16,182.7	14,415.0	722.5	526.4	3.684	SF
HEN 15N - ORIGINAL WELLBORE - PROPOSAL #2	800.0	799.0	134.9	129.7	25.505	CC, ES
HEN 15N - ORIGINAL WELLBORE - PROPOSAL #2	16,150.0	14,416.8	959.5	762.6	4.872	SF
HEN 16N - ORIGINAL WELLBORE - PROPOSAL #1	800.0	799.0	149.9	145.6	34.825	CC, ES
HEN 16N - ORIGINAL WELLBORE - PROPOSAL #1	16,150.0	14,523.7	1,200.8	893.9	3.913	SF
HEN 18N - ORIGINAL WELLBORE - PROPOSAL #2	700.0	699.0	179.9	175.4	39.339	CC, ES
HEN 18N - ORIGINAL WELLBORE - PROPOSAL #2	16,150.0	14,635.1	1,679.5	1,482.9	8.542	SF
HEN 19N - ORIGINAL WELLBORE - PROPOSAL #2	600.0	599.0	194.9	191.1	50.542	CC, ES
HEN 19N - ORIGINAL WELLBORE - PROPOSAL #2	16,150.0	14,632.4	1,918.2	1,721.7	9.760	SF
HEN 20NA - ORIGINAL WELLBORE - PROPOSAL #2	500.0	498.0	209.9	206.8	66.926	CC, ES
HEN 20NA - ORIGINAL WELLBORE - PROPOSAL #2	16,150.0	14,654.0	2,158.8	1,962.5	10.995	SF
HEN 21N - ORIGINAL WELLBORE - PROPOSAL #2	400.0	398.0	224.9	222.5	92.959	CC, ES
HEN 21N - ORIGINAL WELLBORE - PROPOSAL #2	16,150.0	14,864.8	2,398.1	2,201.7	12.210	SF

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

PDC Energy Inc.
Anticollision Summary Report

Company:	PDC ENERGY Derrick	Local Co-ordinate Reference:	Well HEN 06NHS
Project:	WELD COUNTY, COLORADO (TRUE)	TVD Reference:	KB 23ft @ 4803.0usft
Reference Site:	SW NE SEC. 8 T4N R64W 6th P.M. (HEN)	MD Reference:	KB 23ft @ 4803.0usft
Site Error:	0.0 usft	North Reference:	True
Reference Well:	HEN 06NHS	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	Database:	EDM 5000.15 Single User Db
Reference Design:	PROPOSAL #3 U Lateral	Offset TVD Reference:	Offset Datum

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
SW NE SEC. 8 T4N R64W 6th P.M. (HEN)						
HEN 22N - ORIGINAL WELLBORE - PROPOSAL #2	300.0	297.0	239.9	238.2	141.212	CC, ES
HEN 22N - ORIGINAL WELLBORE - PROPOSAL #2	1,000.0	918.0	335.0	328.7	53.281	SF

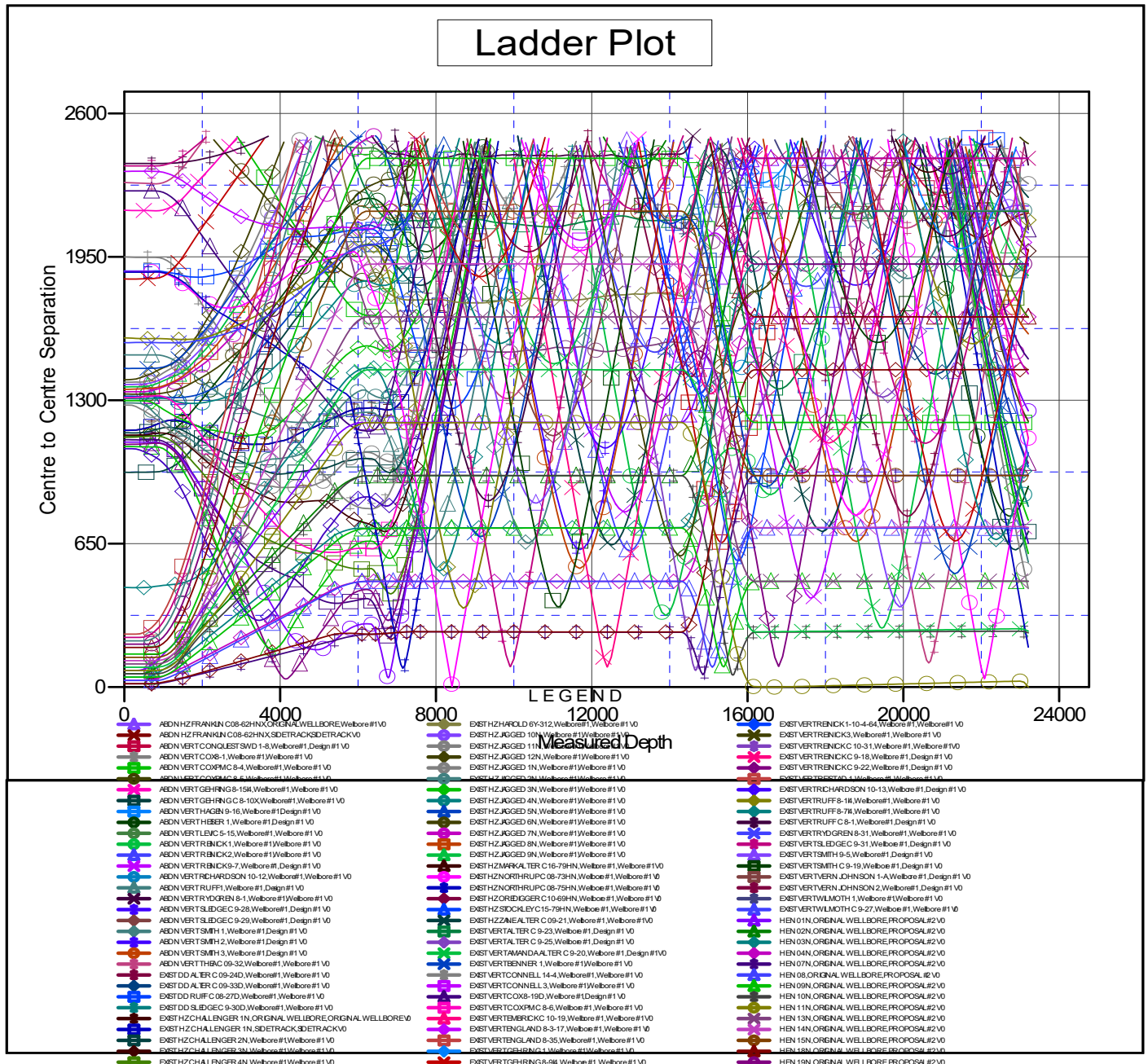
Anticollision Summary Report

Company:	PDC ENERGY Derrick	Local Co-ordinate Reference:	Well HEN 06NHS
Project:	WELD COUNTY, COLORADO (TRUE)	TVD Reference:	KB 23ft @ 4803.0usft
Reference Site:	SW NE SEC. 8 T4N R64W 6th P.M. (HEN)	MD Reference:	KB 23ft @ 4803.0usft
Site Error:	0.0 usft	North Reference:	True
Reference Well:	HEN 06NHS	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	Database:	EDM 5000.15 Single User Db
Reference Design:	PROPOSAL #3 U Lateral	Offset TVD Reference:	Offset Datum

Coordinates are relative to: HEN 06NHS

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.60°



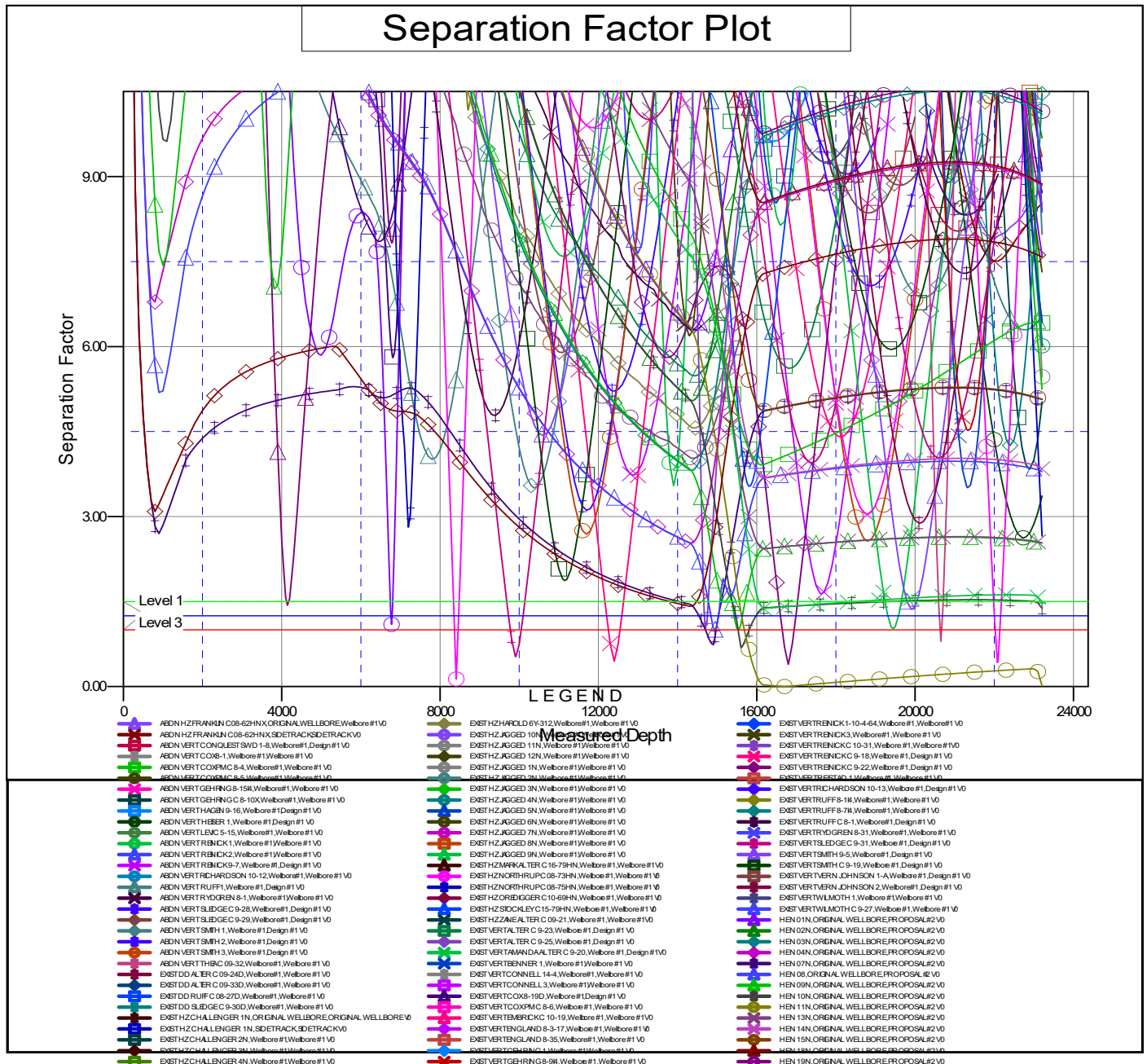
CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Summary Report

Company:	PDC ENERGY Derrick	Local Co-ordinate Reference:	Well HEN 06NHS
Project:	WELD COUNTY, COLORADO (TRUE)	TVD Reference:	KB 23ft @ 4803.0usft
Reference Site:	SW NE SEC. 8 T4N R64W 6th P.M. (HEN)	MD Reference:	KB 23ft @ 4803.0usft
Site Error:	0.0 usft	North Reference:	True
Reference Well:	HEN 06NHS	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	Database:	EDM 5000.15 Single User Db
Reference Design:	PROPOSAL #3 U Lateral	Offset TVD Reference:	Offset Datum

Reference Depths are relative to KB 23ft @ 4803.0usft
Offset Depths are relative to Offset Datum
Central Meridian is 105° 30' 0.000 W

Coordinates are relative to: HEN 06NHS
Coordinate System is US State Plane 1983, Colorado Northern Zone
Grid Convergence at Surface is: 0.60°



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