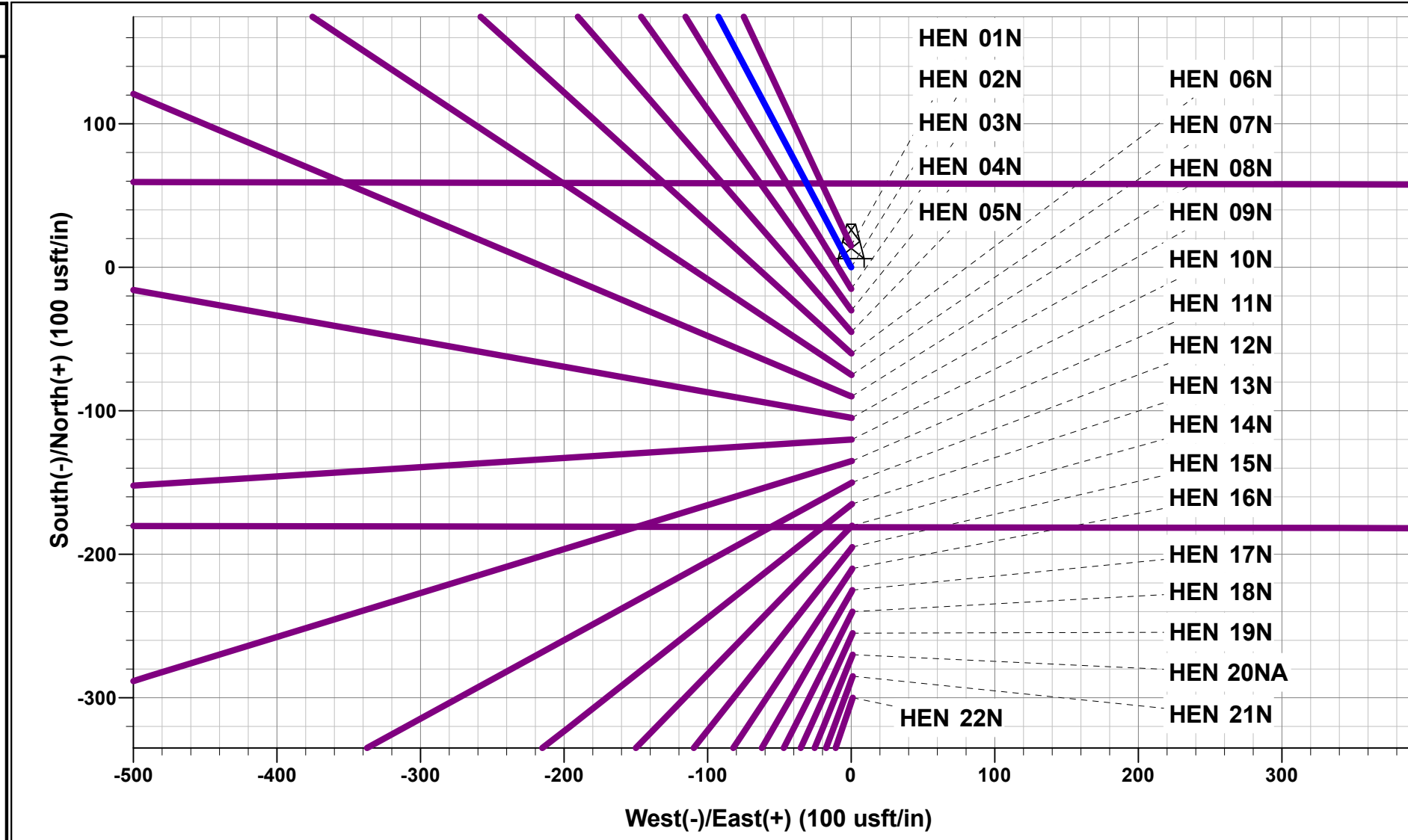




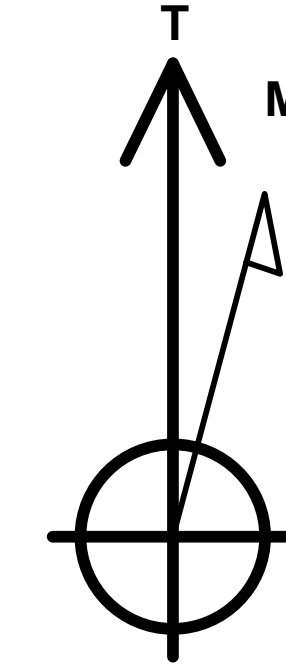
Project: WELD COUNTY, COLORADO (TRUE)
 Site: SW NE SEC. 8 T4N R64W 6th P.M. (HEN)
 Well: HEN 02N
 Wellbore: ORIGINAL WELLBORE
 Design: PROPOSAL #2

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Dep	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	SHL: 2099ft FNL & 2045ft FEL of Sec 8
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	START NUDDGE (2°/100ft BUR)
1585.08	23.70	332.11	1551.57	213.58	-113.02	-59.71	241.64	EOB TO 23.7° INC
5273.93	23.70	332.11	4929.27	1524.23	-806.53	-426.11	1724.46	END OF TANGENT
6459.01	0.00	0.00	6080.84	1737.81	-919.55	-485.82	1966.10	EOD TO VERTICAL
6559.01	0.00	0.00	6180.84	1737.81	-919.55	-485.82	1966.10	KOP (8°/100ft BUR)
7496.51	75.00	90.11	6872.63	1736.79	-388.72	29.93	2496.93	EP: 360ft FNL & 2440ft FEL of Sec 8
7690.85	90.55	90.11	6897.00	1736.42	-196.51	216.68	2689.14	HZ LANDING POINT
15021.48	90.55	90.10	6827.00	1723.12	7133.77	7338.92	10019.44	BHL: 360ft FNL & 200ft FEL of Sec 9



PROPOSED LOCAL COORDINATES:
 SHL: 2099ft FNL & 2045ft FEL of Sec 8
 EP: 360ft FNL & 2440ft FEL of Sec 8
 BHL: 360ft FNL & 200ft FEL of Sec 9

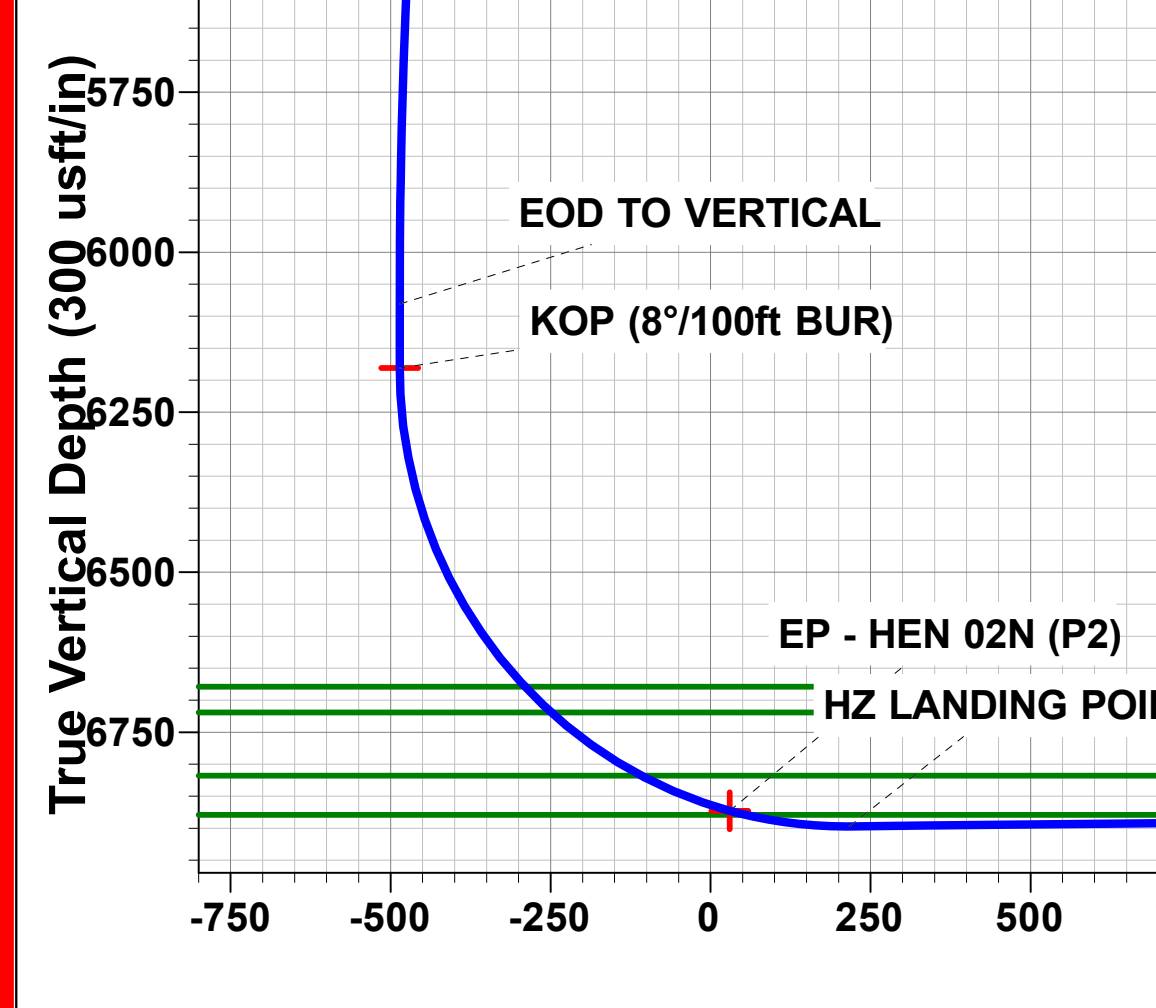
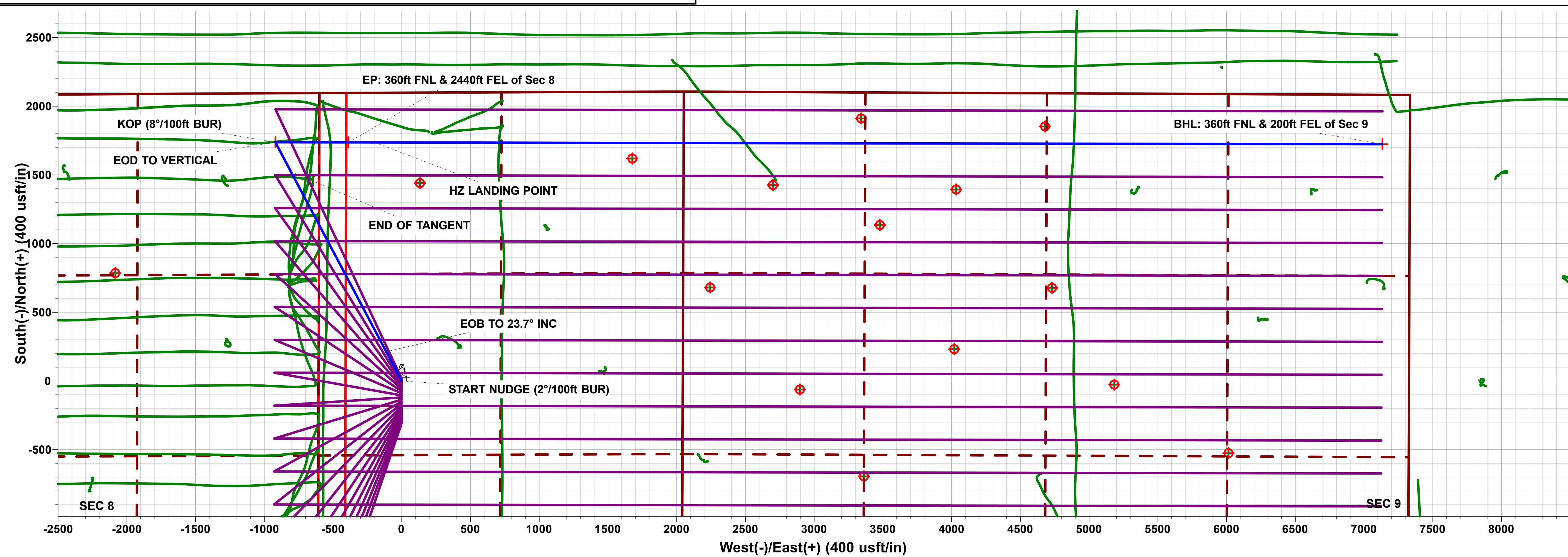
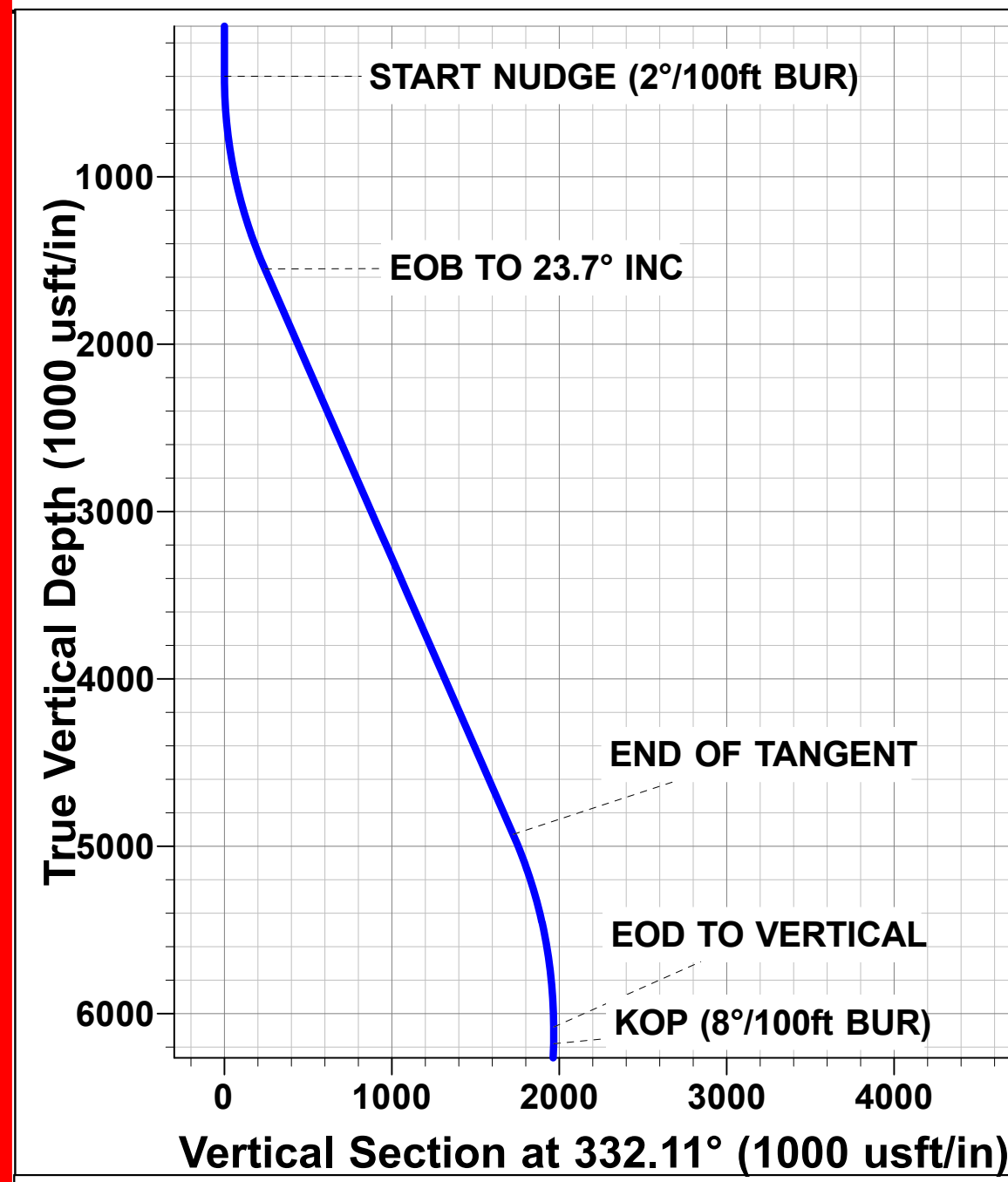


Azimuths to True North
 Magnetic North: 7.76°

Magnetic Field
 Strength: 51953.2nT
 Dip Angle: 66.63°
 Date: 2021-04-19
 Model: IGRF2020

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
BHL - HEN 02N (P2)	6827.00	1723.12	7133.77	1365618.17	3265744.72	40.333102	-104.546758
EP - HEN 02N (P2)	6872.63	1736.79	-388.72	1365553.15	3258222.81	40.333142	-104.573740
KOP - HEN 02N (P2)	6180.84	1737.81	-919.55	1365548.62	3257692.02	40.333145	-104.575644





PDC ENERGY

**WELD COUNTY, COLORADO (TRUE)
SW NE SEC. 8 T4N R64W 6th P.M. (HEN)
HEN 02N**

**ORIGINAL WELLBORE
PROPOSAL #2**

Anticollision Summary Report

19 June, 2022



Company:	PDC ENERGY	Local Co-ordinate Reference:	Well HEN 02N
Project:	WELD COUNTY, COLORADO (TRUE)	TVD Reference:	KB 23ft @ 4802.00usft
Reference Site:	SW NE SEC. 8 T4N R64W 6th P.M. (HEN)	MD Reference:	KB 23ft @ 4802.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	HEN 02N	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	Database:	Database 1
Reference Design:	PROPOSAL #2	Offset TVD Reference:	Offset Datum

Reference	PROPOSAL #2		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	MD + Stations Interval 100.00usft	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum centre distance of 3,280.83usft	Error Surface:	Ellipsoid Separation
Warning Levels Evaluated at:	2.00 Sigma	Casing Method:	Not applied

Survey Tool Program	Date	2022-06-19		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.00	15,021.47	PROPOSAL #2 (ORIGINAL WELLBORE)	MWD	MWD - Standard

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance		Separation Factor	Warning
			Between Centres (usft)	Between Ellipses (usft)		
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 - SIDETRAC						Out of range
ABDN HZ FRANKLIN C08-62HNX - ORIGINAL WELLBO						Out of range
ABDN HZ FRANKLIN C08-62HNX - SIDETRACK - SIDE						Out of range
ABDN VERT CONQUEST SWD 1-8 - Wellbore #1 - Des	400.00	313.00	3,216.83	3,210.24	487.953	CC
ABDN VERT CONQUEST SWD 1-8 - Wellbore #1 - Des	500.00	412.98	3,218.57	3,209.71	363.381	ES
ABDN VERT CONQUEST SWD 1-8 - Wellbore #1 - Des	1,000.00	908.62	3,279.03	3,258.96	163.377	SF
ABDN VERT COX 8-1 - Wellbore #1 - Wellbore #1	6,565.23	6,157.92	451.80	410.69	10.989	CC, ES, SF
ABDN VERT COX PM C 8-4 - Wellbore #1 - Wellbore #1	6,570.00	6,199.19	1,532.10	1,492.72	38.906	CC, ES
ABDN VERT COX PM C 8-4 - Wellbore #1 - Wellbore #1	6,600.00	6,226.84	1,532.74	1,493.33	38.893	SF
ABDN VERT COX PM C 8-5 - Wellbore #1 - Wellbore #1	4,670.79	4,351.88	2,242.47	2,210.55	70.249	CC
ABDN VERT COX PM C 8-5 - Wellbore #1 - Wellbore #1	4,700.00	4,374.58	2,242.53	2,210.36	69.723	ES
ABDN VERT COX PM C 8-5 - Wellbore #1 - Wellbore #1	6,600.00	6,224.68	2,284.09	2,243.15	55.799	SF
ABDN VERT GEHRING 8-15I4 - Wellbore #1 - Wellbore	402.02	330.51	2,219.61	2,218.53	2,046.040	CC, ES
ABDN VERT GEHRING 8-15I4 - Wellbore #1 - Wellbore	3,800.00	3,500.00	3,257.54	3,244.36	247.112	SF
ABDN VERT GEHRING C 8-10X - Wellbore #1 - Wellbor	100.00	61.59	1,032.96	1,032.82	7,112.781	CC
ABDN VERT GEHRING C 8-10X - Wellbore #1 - Wellbor	400.06	364.09	1,033.56	1,032.54	1,016.914	ES
ABDN VERT GEHRING C 8-10X - Wellbore #1 - Wellbor	9,500.00	6,848.94	3,244.86	3,186.27	55.374	SF
ABDN VERT HAGEN 9-16 - Wellbore #1 - Design #1						Out of range
ABDN VERT HEISER 1 - Wellbore #1 - Design #1	400.00	356.00	1,198.90	1,191.43	160.481	CC
ABDN VERT HEISER 1 - Wellbore #1 - Design #1	500.00	455.98	1,200.49	1,190.76	123.380	ES
ABDN VERT HEISER 1 - Wellbore #1 - Design #1	8,900.00	6,841.45	3,075.83	2,889.62	16.518	SF
ABDN VERT LEVI C 5-15 - Wellbore #1 - Wellbore #1	8,268.32	6,857.74	1,123.02	1,084.81	29.390	CC
ABDN VERT LEVI C 5-15 - Wellbore #1 - Wellbore #1	8,300.00	6,857.69	1,123.47	1,084.65	28.941	ES
ABDN VERT LEVI C 5-15 - Wellbore #1 - Wellbore #1	8,800.00	6,857.05	1,242.52	1,193.17	25.175	SF
ABDN VERT REINICK 1 - Wellbore #1 - Wellbore #1	14,120.43	6,767.41	1,282.79	1,087.80	6.579	CC, ES
ABDN VERT REINICK 1 - Wellbore #1 - Wellbore #1	14,200.00	6,766.27	1,285.26	1,089.22	6.556	SF
ABDN VERT REINICK 2 - Wellbore #1 - Wellbore #1	13,198.14	6,769.08	339.29	170.01	2.004	CC, ES, SF
ABDN VERT REINICK 9-7 - Wellbore #1 - Design #1	13,074.03	6,746.60	1,752.88	1,453.48	5.855	CC
ABDN VERT REINICK 9-7 - Wellbore #1 - Design #1	13,100.00	6,746.35	1,753.07	1,453.14	5.845	ES
ABDN VERT REINICK 9-7 - Wellbore #1 - Design #1	13,200.00	6,745.39	1,757.40	1,455.78	5.827	SF
ABDN VERT RICHARDSON 10-12 - Wellbore #1 - Wellb	15,021.48	6,603.67	3,166.66	2,952.38	14.778	CC, ES, SF
ABDN VERT RUFF 1 - Wellbore #1 - Design #1	8,020.48	6,864.25	295.65	126.49	1.748	CC, ES, SF
ABDN VERT RYANN STATE C 16-27 - Wellbore #1 - We						Out of range

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

Company:	PDC ENERGY	Local Co-ordinate Reference:	Well HEN 02N
Project:	WELD COUNTY, COLORADO (TRUE)	TVD Reference:	KB 23ft @ 4802.00usft
Reference Site:	SW NE SEC. 8 T4N R64W 6th P.M. (HEN)	MD Reference:	KB 23ft @ 4802.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	HEN 02N	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	Database:	Database 1
Reference Design:	PROPOSAL #2	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
SW NE SEC. 8 T4N R64W 6th P.M. (HEN)						
ABDN VERT RYDGREN 8-1 - Wellbore #1 - Wellbore #1		0.00	12.14	2,865.40		
ABDN VERT RYDGREN 8-1 - Wellbore #1 - Wellbore #1	1,300.00	1,286.65	2,867.38	2,862.76	621.051	ES
ABDN VERT RYDGREN 8-1 - Wellbore #1 - Wellbore #1	5,200.00	4,848.57	3,270.68	3,237.46	98.464	SF
ABDN VERT SLEDGE C 9-28 - Wellbore #1 - Design #1	12,567.07	6,782.44	125.58	-154.11	0.449	Level 3, CC, ES, SF
ABDN VERT SLEDGE C 9-29 - Wellbore #1 - Design #1	11,228.66	6,816.22	181.25	-64.26	0.738	Level 3, CC, ES, SF
ABDN VERT SMITH 1 - Wellbore #1 - Design #1	10,588.35	6,825.33	304.53	72.34	1.312	Level 3, CC, ES, SF
ABDN VERT SMITH 2 - Wellbore #1 - Design #1	11,921.13	6,799.61	334.71	66.51	1.248	Level 3, CC, ES, SF
ABDN VERT SMITH 3 - Wellbore #1 - Design #1	11,909.47	6,787.01	1,496.88	1,228.97	5.587	CC, ES
ABDN VERT SMITH 3 - Wellbore #1 - Design #1	12,000.00	6,786.14	1,499.61	1,230.09	5.564	SF
ABDN VERT STATE 16-214 - Wellbore #1 - Wellbore #1						Out of range
ABDN VERT THEA C 09-32 - Wellbore #1 - Wellbore #1	10,048.10	6,820.26	2,266.20	2,183.46	27.388	CC
ABDN VERT THEA C 09-32 - Wellbore #1 - Wellbore #1	10,100.00	6,819.10	2,266.80	2,182.86	27.007	ES
ABDN VERT THEA C 09-32 - Wellbore #1 - Wellbore #1	10,700.00	6,800.00	2,358.05	2,263.59	24.961	SF
EXIST DD ALTER C 09-24D - Wellbore #1 - Wellbore #1						Out of range
EXIST DD ALTER C 09-33D - Wellbore #1 - Wellbore #1						Out of range
EXIST DD BURMAN C 04-33D - Wellbore #1 - Wellbore	10,052.39	6,970.17	1,684.16	1,579.79	16.137	CC
EXIST DD BURMAN C 04-33D - Wellbore #1 - Wellbore	10,100.00	6,970.02	1,684.84	1,579.20	15.949	ES
EXIST DD BURMAN C 04-33D - Wellbore #1 - Wellbore	10,500.00	6,968.78	1,742.63	1,628.89	15.322	SF
EXIST DD BURMAN C 05-23D - Wellbore #1 - Wellbore	8,638.00	6,915.31	1,643.91	1,583.25	27.099	CC
EXIST DD BURMAN C 05-23D - Wellbore #1 - Wellbore	8,700.00	6,915.51	1,645.08	1,582.78	26.406	ES
EXIST DD BURMAN C 05-23D - Wellbore #1 - Wellbore	9,400.00	6,917.72	1,811.92	1,732.74	22.883	SF
EXIST DD BURMAN C05-24D - Wellbore #1 - Wellbore #	7,399.06	7,085.87	1,667.12	1,610.25	29.312	CC, ES
EXIST DD BURMAN C05-24D - Wellbore #1 - Wellbore #	8,300.00	7,147.72	1,891.97	1,822.28	27.147	SF
EXIST DD NGL C1C - Wellbore #1 - Wellbore #1						Out of range
EXIST DD RUFF C 08-27D - Wellbore #1 - Wellbore #1	8,620.08	6,909.65	303.41	242.79	5.005	CC, ES
EXIST DD RUFF C 08-27D - Wellbore #1 - Wellbore #1	8,700.00	6,909.45	313.76	251.03	5.001	SF
EXIST DD SLEDGE C 9-30D - Wellbore #1 - Wellbore #1	9,857.44	6,958.58	599.89	503.72	6.238	CC, ES
EXIST DD SLEDGE C 9-30D - Wellbore #1 - Wellbore #1	9,900.00	6,957.60	601.40	504.45	6.203	SF
EXIST HZ CHALLENGER 1N - ORIGINAL WELLBORE -	6,750.00	6,570.72	363.40	309.51	6.743	SF
EXIST HZ CHALLENGER 1N - ORIGINAL WELLBORE -	7,000.00	6,771.72	298.64	257.75	7.304	ES
EXIST HZ CHALLENGER 1N - ORIGINAL WELLBORE -	7,012.38	6,775.48	298.41	257.91	7.368	CC
EXIST HZ CHALLENGER 1N - SIDETRACK - SIDETRA	6,750.00	6,570.72	363.40	309.51	6.743	SF
EXIST HZ CHALLENGER 1N - SIDETRACK - SIDETRA	7,000.00	6,771.72	298.64	257.75	7.304	ES
EXIST HZ CHALLENGER 1N - SIDETRACK - SIDETRA	7,012.38	6,775.48	298.41	257.91	7.368	CC
EXIST HZ CHALLENGER 2N - Wellbore #1 - Wellbore #	7,016.33	6,745.92	15.90	-12.74	0.555	Level 3, CC, ES, SF
EXIST HZ CHALLENGER 3N - Wellbore #1 - Wellbore #	4,740.32	4,480.93	84.85	45.84	2.175	CC
EXIST HZ CHALLENGER 3N - Wellbore #1 - Wellbore #	4,800.00	4,538.89	86.30	43.85	2.033	ES, SF
EXIST HZ CHALLENGER 4N - Wellbore #1 - Wellbore #	4,199.32	3,976.55	64.46	30.45	1.895	CC, ES, SF
EXIST HZ CHALLENGER 5N - Wellbore #1 - Wellbore #	3,800.00	3,610.67	113.83	83.41	3.742	SF
EXIST HZ CHALLENGER 5N - Wellbore #1 - Wellbore #	3,833.02	3,641.25	113.21	82.98	3.745	CC, ES
EXIST HZ CHALLENGER 6N - Wellbore #1 - Wellbore #	3,612.42	3,438.14	322.41	293.98	11.343	CC, ES
EXIST HZ CHALLENGER 6N - Wellbore #1 - Wellbore #	3,700.00	3,514.02	325.07	296.33	11.310	SF
EXIST HZ CHALLENGER 7N - Wellbore #1 - Wellbore #	3,111.96	2,964.58	389.88	365.46	15.963	CC, ES
EXIST HZ CHALLENGER 7N - Wellbore #1 - Wellbore #	3,200.00	3,037.78	393.00	367.85	15.627	SF
EXIST HZ CHALLENGER 8N - Wellbore #1 - Wellbore #	2,868.45	2,739.37	441.84	419.22	19.532	CC, ES
EXIST HZ CHALLENGER 8N - Wellbore #1 - Wellbore #	3,000.00	2,848.11	447.98	424.19	18.830	SF
EXIST HZ CHALLENGER 9N - Wellbore #1 - Wellbore #	2,536.86	2,420.97	501.38	481.09	24.712	CC, ES
EXIST HZ CHALLENGER 9N - Wellbore #1 - Wellbore #	2,800.00	2,642.76	521.88	499.22	23.026	SF
EXIST HZ FRANKLIN C17-69HN - Wellbore #1 - Wellbor						Out of range
EXIST HZ HAROLD 6X-232 - Wellbore #1 - Wellbore #1	11,211.76	13,675.31	1,127.47	818.46	3.649	CC
EXIST HZ HAROLD 6X-232 - Wellbore #1 - Wellbore #1	15,021.48	17,486.82	1,160.11	638.72	2.225	ES, SF
EXIST HZ HAROLD 6X-302 - Wellbore #1 - Wellbore #1	8,082.15	10,596.00	1,437.39	1,295.66	10.142	CC

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

Company:	PDC ENERGY	Local Co-ordinate Reference:	Well HEN 02N
Project:	WELD COUNTY, COLORADO (TRUE)	TVD Reference:	KB 23ft @ 4802.00usft
Reference Site:	SW NE SEC. 8 T4N R64W 6th P.M. (HEN)	MD Reference:	KB 23ft @ 4802.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	HEN 02N	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	Database:	Database 1
Reference Design:	PROPOSAL #2	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
SW NE SEC. 8 T4N R64W 6th P.M. (HEN)						
EXIST HZ HAROLD 6X-302 - Wellbore #1 - Wellbore #1	15,000.00	17,435.28	1,475.53	957.37	2.848	ES
EXIST HZ HAROLD 6X-302 - Wellbore #1 - Wellbore #1	15,021.48	17,454.16	1,476.73	957.47	2.844	SF
EXIST HZ HAROLD 6Y-202 - Wellbore #1 - Wellbore #1	7,344.45	9,829.51	560.22	448.21	5.002	CC
EXIST HZ HAROLD 6Y-202 - Wellbore #1 - Wellbore #1	15,021.48	17,485.24	600.19	79.31	1.152	Level 3, ES, SF
EXIST HZ HAROLD 6Y-312 - Wellbore #1 - Wellbore #1	9,194.76	11,740.74	783.53	585.33	3.953	CC
EXIST HZ HAROLD 6Y-312 - Wellbore #1 - Wellbore #1	15,021.48	17,575.60	801.08	283.65	1.548	ES, SF
EXIST HZ JAGGED 10N - Wellbore #1 - Wellbore #1	0.00	0.00	1,413.48			
EXIST HZ JAGGED 10N - Wellbore #1 - Wellbore #1	100.00	93.38	1,413.61	1,413.44	8,021.178	ES
EXIST HZ JAGGED 10N - Wellbore #1 - Wellbore #1	4,200.00	3,349.05	2,880.85	2,855.28	112.665	SF
EXIST HZ JAGGED 11N - Wellbore #1 - Wellbore #1	100.00	76.05	1,424.06	1,423.89	8,357.847	CC
EXIST HZ JAGGED 11N - Wellbore #1 - Wellbore #1	400.00	374.38	1,424.08	1,422.69	1,023.721	ES
EXIST HZ JAGGED 11N - Wellbore #1 - Wellbore #1	4,600.00	3,602.00	3,180.82	3,152.98	114.264	SF
EXIST HZ JAGGED 12N - Wellbore #1 - Wellbore #1	0.00	0.00	1,434.71			
EXIST HZ JAGGED 12N - Wellbore #1 - Wellbore #1	4,500.00	3,404.19	3,274.90	3,247.62	120.045	SF
EXIST HZ JAGGED 1N - Wellbore #1 - Wellbore #1	1,338.33	1,513.43	1,243.24	1,236.09	173.864	CC, ES
EXIST HZ JAGGED 1N - Wellbore #1 - Wellbore #1	8,500.00	6,560.00	2,388.88	2,335.36	44.633	SF
EXIST HZ JAGGED 2N - Wellbore #1 - Wellbore #1	1,268.50	1,431.40	1,265.32	1,258.93	198.202	CC
EXIST HZ JAGGED 2N - Wellbore #1 - Wellbore #1	1,300.00	1,459.74	1,265.45	1,258.85	191.749	ES
EXIST HZ JAGGED 2N - Wellbore #1 - Wellbore #1	8,900.00	6,365.00	2,889.90	2,833.50	51.239	SF
EXIST HZ JAGGED 3N - Wellbore #1 - Wellbore #1	1,095.47	1,224.04	1,326.42	1,321.27	257.583	CC
EXIST HZ JAGGED 3N - Wellbore #1 - Wellbore #1	1,100.00	1,228.36	1,326.43	1,321.25	256.254	ES
EXIST HZ JAGGED 3N - Wellbore #1 - Wellbore #1	8,900.00	6,308.87	3,035.63	2,978.81	53.425	SF
EXIST HZ JAGGED 4N - Wellbore #1 - Wellbore #1	412.47	411.97	1,351.16	1,349.77	971.833	CC, ES
EXIST HZ JAGGED 4N - Wellbore #1 - Wellbore #1	8,800.00	6,321.76	3,243.50	3,186.83	57.236	SF
EXIST HZ JAGGED 5N - Wellbore #1 - Wellbore #1	426.98	428.47	1,361.41	1,359.86	882.110	CC
EXIST HZ JAGGED 5N - Wellbore #1 - Wellbore #1	500.00	502.98	1,361.69	1,359.82	730.021	ES
EXIST HZ JAGGED 5N - Wellbore #1 - Wellbore #1	8,300.00	6,408.01	3,263.07	3,212.34	64.321	SF
EXIST HZ JAGGED 6N - Wellbore #1 - Wellbore #1	285.12	282.03	1,370.81	1,369.90	1,501.263	CC
EXIST HZ JAGGED 6N - Wellbore #1 - Wellbore #1	400.00	393.47	1,371.03	1,369.63	976.911	ES
EXIST HZ JAGGED 6N - Wellbore #1 - Wellbore #1	7,350.00	6,595.20	3,279.66	3,240.23	83.184	SF
EXIST HZ JAGGED 7N - Wellbore #1 - Wellbore #1	432.49	434.58	1,381.46	1,379.90	881.356	CC, ES
EXIST HZ JAGGED 7N - Wellbore #1 - Wellbore #1	5,300.00	4,654.43	3,086.88	3,055.22	97.503	SF
EXIST HZ JAGGED 8N - Wellbore #1 - Wellbore #1	0.00	0.00	1,392.53			
EXIST HZ JAGGED 8N - Wellbore #1 - Wellbore #1	5,273.93	4,464.04	3,179.62	3,148.41	101.858	SF
EXIST HZ JAGGED 9N - Wellbore #1 - Wellbore #1	0.00	0.00	1,403.24			
EXIST HZ JAGGED 9N - Wellbore #1 - Wellbore #1	401.31	398.67	1,403.94	1,402.53	992.274	ES
EXIST HZ JAGGED 9N - Wellbore #1 - Wellbore #1	4,300.00	3,559.95	2,817.11	2,790.87	107.366	SF
EXIST HZ MARK ALTER C16-79HN - Wellbore #1 - Well						Out of range
EXIST HZ NORTHROP C 08-73HN - Wellbore #1 - Wellb	8,592.88	6,820.99	243.74	208.37	6.890	CC
EXIST HZ NORTHROP C 08-73HN - Wellbore #1 - Wellb	8,600.00	6,820.96	243.85	208.31	6.862	ES
EXIST HZ NORTHROP C 08-73HN - Wellbore #1 - Wellb	8,700.00	6,820.56	266.24	226.42	6.685	SF
EXIST HZ NORTHROP C 08-75HN - Wellbore #1 - Wellb	7,360.42	7,015.36	9.18	-8.30	0.525	Level 3, CC, SF
EXIST HZ NORTHROP C 08-75HN - Wellbore #1 - Wellb	7,400.00	7,024.78	39.68	-11.08	0.782	Level 3, ES
EXIST HZ OREDIGGER C10-69HN - Wellbore #1 - Well	15,021.48	6,538.00	479.47	376.94	4.676	CC, ES, SF
EXIST HZ SANDY HILLS PC C17-67HN - Wellbore #1 -						Out of range
EXIST HZ STOCKLEY C15-79HN - Wellbore #1 - Wellbo	15,021.48	13,772.00	2,459.71	2,223.46	10.412	CC, ES, SF
EXIST HZ ZANE ALTER C 09-21 - Wellbore #1 - Wellbor	12,770.31	10,201.24	663.16	592.44	9.376	CC, ES
EXIST HZ ZANE ALTER C 09-21 - Wellbore #1 - Wellbor	12,800.00	10,202.27	663.83	592.94	9.365	SF
EXIST VERT ALTER C 9-23 - Wellbore #1 - Design #1						Out of range
EXIST VERT ALTER C 9-25 - Wellbore #1 - Design #1						Out of range
EXIST VERT AMANDA ALTER C 9-20 - Wellbore #1 - De	11,253.56	6,783.84	2,424.23	2,174.50	9.707	CC
EXIST VERT AMANDA ALTER C 9-20 - Wellbore #1 - De	11,300.00	6,783.40	2,424.68	2,173.87	9.668	ES

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

Company:	PDC ENERGY	Local Co-ordinate Reference:	Well HEN 02N
Project:	WELD COUNTY, COLORADO (TRUE)	TVD Reference:	KB 23ft @ 4802.00usft
Reference Site:	SW NE SEC. 8 T4N R64W 6th P.M. (HEN)	MD Reference:	KB 23ft @ 4802.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	HEN 02N	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	Database:	Database 1
Reference Design:	PROPOSAL #2	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
SW NE SEC. 8 T4N R64W 6th P.M. (HEN)						
EXIST VERT AMANDA ALTER C 9-20 - Wellbore #1 - De	11,600.00	6,780.53	2,448.86	2,192.21	9.542	SF
EXIST VERT BARTON C 15-29 - Wellbore #1 - Design #						Out of range
EXIST VERT BENNER 1 - Wellbore #1 - Wellbore #1	100.00	40.26	1,440.08	1,439.95	10,000.000	CC
EXIST VERT BENNER 1 - Wellbore #1 - Wellbore #1	402.73	346.35	1,440.53	1,439.54	1,456.431	ES
EXIST VERT BENNER 1 - Wellbore #1 - Wellbore #1	9,800.00	6,860.17	1,694.99	1,622.39	23.347	SF
EXIST VERT CONNELL 14-4 - Wellbore #1 - Wellbore #	10,555.51	6,828.45	1,168.01	1,070.70	12.002	CC
EXIST VERT CONNELL 14-4 - Wellbore #1 - Wellbore #	10,600.00	6,827.67	1,168.86	1,070.07	11.832	ES
EXIST VERT CONNELL 14-4 - Wellbore #1 - Wellbore #	10,800.00	6,824.18	1,193.32	1,089.59	11.504	SF
EXIST VERT CONNELL 3 - Wellbore #1 - Wellbore #1	11,929.89	6,782.01	1,067.57	933.33	7.953	CC
EXIST VERT CONNELL 3 - Wellbore #1 - Wellbore #1	12,000.00	6,779.41	1,069.86	933.28	7.833	ES
EXIST VERT CONNELL 3 - Wellbore #1 - Wellbore #1	12,100.00	6,775.74	1,081.02	942.15	7.785	SF
EXIST VERT CONNELL C 4-25 - Wellbore #1 - Wellbore	11,455.86	6,715.92	1,875.50	1,754.15	15.455	CC
EXIST VERT CONNELL C 4-25 - Wellbore #1 - Wellbore	11,500.00	6,717.19	1,876.02	1,753.26	15.282	ES
EXIST VERT CONNELL C 4-25 - Wellbore #1 - Wellbore	11,900.00	6,728.63	1,927.33	1,794.95	14.559	SF
EXIST VERT COX 8-19D - Wellbore #1 - Design #1	5,135.24	4,790.28	1,474.75	1,344.53	11.324	CC
EXIST VERT COX 8-19D - Wellbore #1 - Design #1	5,400.00	5,033.78	1,478.41	1,341.42	10.792	ES
EXIST VERT COX 8-19D - Wellbore #1 - Design #1	6,700.00	6,308.92	1,515.16	1,349.53	9.148	SF
EXIST VERT COX PM C 8-6 - Wellbore #1 - Wellbore #1	3,118.01	2,936.97	981.72	962.73	51.698	CC
EXIST VERT COX PM C 8-6 - Wellbore #1 - Wellbore #1	3,200.00	3,010.10	982.38	962.71	49.961	ES
EXIST VERT COX PM C 8-6 - Wellbore #1 - Wellbore #1	4,200.00	3,929.98	1,079.60	1,053.59	41.497	SF
EXIST VERT CPC HARLESS 17-1 - Wellbore #1 - Wellb						Out of range
EXIST VERT EMBRICK C 10-19 - Wellbore #1 - Wellbor	15,021.48	6,630.78	1,667.46	1,533.13	12.413	CC, ES, SF
EXIST VERT ENGLAND 8-3-17 - Wellbore #1 - Wellbore	2,036.02	1,960.83	2,318.46	2,308.42	230.774	CC
EXIST VERT ENGLAND 8-3-17 - Wellbore #1 - Wellbore	2,100.00	2,012.08	2,318.69	2,308.13	219.441	ES
EXIST VERT ENGLAND 8-3-17 - Wellbore #1 - Wellbore	6,600.00	6,231.38	2,876.71	2,840.40	79.237	SF
EXIST VERT ENGLAND 8-35 - Wellbore #1 - Wellbore #	257.52	250.53	2,653.87	2,653.16	3,743.188	CC
EXIST VERT ENGLAND 8-35 - Wellbore #1 - Wellbore #	400.00	391.28	2,653.92	2,652.79	2,352.690	ES
EXIST VERT ENGLAND 8-35 - Wellbore #1 - Wellbore #	4,200.00	4,061.31	3,264.86	3,241.03	136.990	SF
EXIST VERT GEHRING 1 - Wellbore #1 - Wellbore #1	100.00	15.01	2,805.08	2,804.98	10,000.000	CC
EXIST VERT GEHRING 1 - Wellbore #1 - Wellbore #1	416.94	349.53	2,805.28	2,804.32	2,900.930	ES
EXIST VERT GEHRING 1 - Wellbore #1 - Wellbore #1	2,100.00	1,970.44	3,246.70	3,240.55	527.821	SF
EXIST VERT GEHRING 8-9I4 - Wellbore #1 - Wellbore #	178.89	129.85	1,885.09	1,884.71	5,017.879	CC
EXIST VERT GEHRING 8-9I4 - Wellbore #1 - Wellbore #	200.00	148.28	1,885.10	1,884.67	4,345.338	ES
EXIST VERT GEHRING 8-9I4 - Wellbore #1 - Wellbore #	10,600.00	6,863.45	3,078.08	2,990.86	35.292	SF
EXIST VERT HAGEN 9-10 - Wellbore #1 - Design #1	13,318.75	6,734.82	3,124.01	2,818.03	10,210	CC
EXIST VERT HAGEN 9-10 - Wellbore #1 - Design #1	13,400.00	6,734.04	3,125.07	2,817.18	10.150	ES
EXIST VERT HAGEN 9-10 - Wellbore #1 - Design #1	13,800.00	6,730.22	3,160.87	2,845.43	10.021	SF
EXIST VERT HAGEN 9-15 - Wellbore #1 - Design #1						Out of range
EXIST VERT HAGEN 9-9 - Wellbore #1 - Wellbore #1	14,214.46	6,919.41	3,057.73	2,860.16	15.477	CC
EXIST VERT HAGEN 9-9 - Wellbore #1 - Wellbore #1	14,300.00	6,913.38	3,058.92	2,859.36	15.328	ES
EXIST VERT HAGEN 9-9 - Wellbore #1 - Wellbore #1	14,800.00	6,878.18	3,113.02	2,905.14	14.975	SF
EXIST VERT HARLESS PM C 17-2 - Wellbore #1 - Desi						Out of range
EXIST VERT JOHNSON 9-11 - Wellbore #1 - Design #1	11,915.64	6,760.19	2,935.88	2,668.32	10.973	CC
EXIST VERT JOHNSON 9-11 - Wellbore #1 - Design #1	12,000.00	6,759.38	2,937.09	2,667.56	10.897	ES
EXIST VERT JOHNSON 9-11 - Wellbore #1 - Design #1	12,400.00	6,755.56	2,975.57	2,698.26	10.730	SF
EXIST VERT JOHNSON 9-13 - Wellbore #1 - Wellbore #						Out of range
EXIST VERT MCCLINTOCK C 4-15 - Wellbore #1 - Well	13,345.29	6,730.15	1,394.28	1,220.84	8.039	CC
EXIST VERT MCCLINTOCK C 4-15 - Wellbore #1 - Well	13,400.00	6,729.35	1,395.36	1,220.07	7.960	ES
EXIST VERT MCCLINTOCK C 4-15 - Wellbore #1 - Well	13,500.00	6,727.87	1,402.84	1,224.93	7.885	SF
EXIST VERT NGL C1A - Wellbore #1 - Design #1						Out of range
EXIST VERT NGL C1B - Wellbore #1 - Design #1	400.00	323.00	3,190.69	3,183.91	470.845	CC
EXIST VERT NGL C1B - Wellbore #1 - Design #1	500.00	422.98	3,192.43	3,183.39	353.139	ES

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

Company:	PDC ENERGY	Local Co-ordinate Reference:	Well HEN 02N
Project:	WELD COUNTY, COLORADO (TRUE)	TVD Reference:	KB 23ft @ 4802.00usft
Reference Site:	SW NE SEC. 8 T4N R64W 6th P.M. (HEN)	MD Reference:	KB 23ft @ 4802.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	HEN 02N	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	Database:	Database 1
Reference Design:	PROPOSAL #2	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
SW NE SEC. 8 T4N R64W 6th P.M. (HEN)						
EXIST VERT NGL C1B - Wellbore #1 - Design #1	1,100.00	1,016.06	3,275.70	3,253.23	145.770	SF
EXIST VERT REINICK 10-5 - Wellbore #1 - Wellbore #1	15,021.48	6,603.56	1,899.31	1,693.76	9.240	CC, ES, SF
EXIST VERT REINICK 1-10-4-64 - Wellbore #1 - Wellbo	15,021.48	6,723.03	901.24	843.66	15.653	CC, ES, SF
EXIST VERT REINICK 3 - Wellbore #1 - Wellbore #1	14,500.00	6,733.27	363.48	158.05	1.769	ES, SF
EXIST VERT REINICK 3 - Wellbore #1 - Wellbore #1	14,503.72	6,733.28	363.46	158.14	1.770	CC
EXIST VERT REINICK C 10-31 - Wellbore #1 - Wellbore	14,909.79	6,706.51	1,006.18	789.36	4.641	CC, ES, SF
EXIST VERT REINICK C 9-18 - Wellbore #1 - Design #1	12,619.85	6,773.20	1,049.93	762.68	3.655	CC, ES
EXIST VERT REINICK C 9-18 - Wellbore #1 - Design #1	12,700.00	6,772.44	1,052.99	764.89	3.655	SF
EXIST VERT REINICK C 9-22 - Wellbore #1 - Design #1	13,905.88	6,730.65	2,250.34	1,928.11	6.984	CC, ES
EXIST VERT REINICK C 9-22 - Wellbore #1 - Design #1	14,100.00	6,728.80	2,258.69	1,932.83	6.931	SF
EXIST VERT REISTAD 1 - Wellbore #1 - Wellbore #1	9,283.89	6,836.02	1,063.96	1,001.27	16.971	CC
EXIST VERT REISTAD 1 - Wellbore #1 - Wellbore #1	9,300.00	6,835.86	1,064.09	1,000.91	16.844	ES
EXIST VERT REISTAD 1 - Wellbore #1 - Wellbore #1	9,600.00	6,832.72	1,109.93	1,039.56	15.773	SF
EXIST VERT RICHARDSON 10-13 - Wellbore #1 - Desig						Out of range
EXIST VERT ROHR 15-414 - Wellbore #1 - Wellbore #1						Out of range
EXIST VERT ROHR 15-19 - Wellbore #1 - Wellbore #1						Out of range
EXIST VERT RUFF 8-114 - Wellbore #1 - Wellbore #1	8,930.02	6,849.69	600.38	546.94	11.235	CC, ES
EXIST VERT RUFF 8-114 - Wellbore #1 - Wellbore #1	9,000.00	6,848.20	604.44	549.92	11.086	SF
EXIST VERT RUFF 8-714 - Wellbore #1 - Wellbore #1	1,216.57	1,173.41	393.57	389.49	96.580	CC, ES
EXIST VERT RUFF 8-714 - Wellbore #1 - Wellbore #1	8,900.00	6,928.11	1,594.48	1,544.35	31.806	SF
EXIST VERT RUFF C 8-1 - Wellbore #1 - Design #1	9,564.74	6,850.11	113.43	-82.72	0.578	Level 3, CC, ES, SF
EXIST VERT RYANN STATE C 16-1 - Wellbore #1 - Wel						Out of range
EXIST VERT RYDGREN 8-31 - Wellbore #1 - Wellbore #	100.00	57.93	1,605.39	1,605.24	10,000.000	CC, ES
EXIST VERT RYDGREN 8-31 - Wellbore #1 - Wellbore #	8,200.00	6,857.86	3,267.30	3,229.26	85.897	SF
EXIST VERT SLEDGE C 9-31 - Wellbore #1 - Design #1	10,132.83	6,820.31	1,051.15	831.17	4.778	CC, ES
EXIST VERT SLEDGE C 9-31 - Wellbore #1 - Design #1	10,200.00	6,819.67	1,053.30	832.17	4.763	SF
EXIST VERT SMITH 9-5 - Wellbore #1 - Design #1	10,787.27	6,803.68	1,792.70	1,555.30	7.551	CC
EXIST VERT SMITH 9-5 - Wellbore #1 - Design #1	10,800.00	6,803.56	1,792.75	1,555.06	7.542	ES
EXIST VERT SMITH 9-5 - Wellbore #1 - Design #1	11,000.00	6,801.65	1,805.28	1,563.86	7.478	SF
EXIST VERT SMITH C 9-19 - Wellbore #1 - Design #1	11,366.81	6,812.90	594.46	341.06	2.346	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 - Desi						Out of range
EXIST VERT VERN JOHNSON 2 - Wellbore #1 - Design	10,589.57	6,790.35	2,931.19	2,699.42	12.647	CC
EXIST VERT VERN JOHNSON 2 - Wellbore #1 - Design	10,700.00	6,789.30	2,933.27	2,698.90	12.516	ES
EXIST VERT VERN JOHNSON 2 - Wellbore #1 - Design	11,200.00	6,784.52	2,994.07	2,749.78	12.256	SF
EXIST VERT WILMOTH 1 - Wellbore #1 - Wellbore #1	14,515.62	6,708.96	1,118.59	912.41	5.425	CC, ES
EXIST VERT WILMOTH 1 - Wellbore #1 - Wellbore #1	14,600.00	6,708.61	1,121.77	912.92	5.371	SF
EXIST VERT WILMOTH C 3-33 - Wellbore #1 - Wellbore	15,021.48	6,721.38	1,683.79	1,464.33	7.672	CC, ES, SF
EXIST VERT WILMOTH C 4-23 - Wellbore #1 - Wellbore	13,946.77	6,686.34	1,694.98	1,504.86	8.915	CC
EXIST VERT WILMOTH C 4-23 - Wellbore #1 - Wellbore	14,000.00	6,685.05	1,695.82	1,503.95	8.838	ES
EXIST VERT WILMOTH C 4-23 - Wellbore #1 - Wellbore	14,200.00	6,680.26	1,713.78	1,517.19	8.718	SF
EXIST VERT WILMOTH C 4-24 - Wellbore #1 - Wellbore	12,731.64	6,743.69	1,768.32	1,611.90	11.305	CC
EXIST VERT WILMOTH C 4-24 - Wellbore #1 - Wellbore	12,800.00	6,743.95	1,769.64	1,611.01	11.156	ES
EXIST VERT WILMOTH C 4-24 - Wellbore #1 - Wellbore	13,100.00	6,745.12	1,806.27	1,640.92	10.924	SF
EXIST VERT WILMOTH C 9-27 - Wellbore #1 - Wellbore	13,850.36	6,750.49	559.45	372.42	2.991	CC, ES
EXIST VERT WILMOTH C 9-27 - Wellbore #1 - Wellbore	13,900.00	6,749.82	561.65	372.90	2.976	SF
HEN 01N - ORIGINAL WELLBORE - PROPOSAL #2	300.00	300.00	14.97	13.90	13.966	CC
HEN 01N - ORIGINAL WELLBORE - PROPOSAL #2	15,021.48	15,032.48	251.10	-50.91	0.831	Level 3, ES, SF
HEN 03N - ORIGINAL WELLBORE - PROPOSAL #2	400.00	400.00	15.01	13.49	9.864	CC
HEN 03N - ORIGINAL WELLBORE - PROPOSAL #2	15,021.48	14,889.07	248.30	-55.17	0.818	Level 3, ES, SF
HEN 04N - ORIGINAL WELLBORE - PROPOSAL #2	400.00	400.00	30.02	28.50	19.730	CC, ES

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

Company:	PDC ENERGY	Local Co-ordinate Reference:	Well HEN 02N
Project:	WELD COUNTY, COLORADO (TRUE)	TVD Reference:	KB 23ft @ 4802.00usft
Reference Site:	SW NE SEC. 8 T4N R64W 6th P.M. (HEN)	MD Reference:	KB 23ft @ 4802.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	HEN 02N	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	Database:	Database 1
Reference Design:	PROPOSAL #2	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 04N - ORIGINAL WELLBORE - PROPOSAL #2	15,021.48	14,890.31	479.31	45.79	1.106	Level 3, SF
HEN 05N - ORIGINAL WELLBORE - PROPOSAL #2	400.00	400.00	45.03	43.51	29.592	CC, ES
HEN 05N - ORIGINAL WELLBORE - PROPOSAL #2	15,020.58	14,768.33	721.43	289.35	1.670	SF
HEN 06N - ORIGINAL WELLBORE - PROPOSAL #2	400.00	401.00	60.00	58.48	39.373	CC, ES
HEN 06N - ORIGINAL WELLBORE - PROPOSAL #2	15,021.48	14,799.56	958.59	521.98	2.196	SF
HEN 07N - ORIGINAL WELLBORE - PROPOSAL #2	400.00	400.00	75.01	73.49	49.296	CC, ES
HEN 07N - ORIGINAL WELLBORE - PROPOSAL #2	15,021.48	14,694.01	1,199.48	763.80	2.753	SF
HEN 08N - ORIGINAL WELLBORE - PROPOSAL #2	400.00	400.00	89.98	88.46	59.135	CC, ES
HEN 08N - ORIGINAL WELLBORE - PROPOSAL #2	15,021.48	14,745.04	1,437.94	1,001.21	3.293	SF
HEN 09N - ORIGINAL WELLBORE - PROPOSAL #2	400.00	400.00	104.99	103.47	68.999	CC, ES
HEN 09N - ORIGINAL WELLBORE - PROPOSAL #2	15,021.48	14,695.25	1,678.25	1,242.48	3.851	SF
HEN 10N - ORIGINAL WELLBORE - PROPOSAL #2	400.00	400.00	120.00	118.48	78.863	CC, ES
HEN 10N - ORIGINAL WELLBORE - PROPOSAL #2	15,021.48	14,785.18	1,917.31	1,480.45	4.389	SF
HEN 11N - ORIGINAL WELLBORE - PROPOSAL #2	400.00	400.00	134.98	133.46	88.703	CC, ES
HEN 11N - ORIGINAL WELLBORE - PROPOSAL #2	15,021.48	14,738.87	2,157.26	1,720.67	4.941	SF
HEN 12N - ORIGINAL WELLBORE - PROPOSAL #2	400.00	400.00	149.99	148.46	98.567	CC, ES
HEN 12N - ORIGINAL WELLBORE - PROPOSAL #2	15,021.48	14,828.30	2,396.59	1,960.71	5.498	SF
HEN 13N - ORIGINAL WELLBORE - PROPOSAL #2	400.00	400.00	165.00	163.47	108.431	CC, ES
HEN 13N - ORIGINAL WELLBORE - PROPOSAL #2	15,021.48	14,796.25	2,636.38	2,200.36	6.046	SF
HEN 14N - ORIGINAL WELLBORE - PROPOSAL #2	400.00	400.00	180.01	178.48	118.295	CC, ES
HEN 14N - ORIGINAL WELLBORE - PROPOSAL #2	15,021.48	14,908.23	2,875.88	2,439.91	6.597	SF
HEN 15N - ORIGINAL WELLBORE - PROPOSAL #2	400.00	400.00	194.98	193.46	128.135	CC, ES
HEN 15N - ORIGINAL WELLBORE - PROPOSAL #2	15,021.48	14,877.74	3,115.69	2,679.91	7.150	SF
HEN 16N - ORIGINAL WELLBORE - PROPOSAL #2	400.00	400.00	209.95	208.43	137.975	CC, ES
HEN 16N - ORIGINAL WELLBORE - PROPOSAL #2	1,100.00	1,079.33	292.59	287.85	61.728	SF
HEN 17N - ORIGINAL WELLBORE - PROPOSAL #2	400.00	400.00	224.96	223.44	147.839	CC, ES
HEN 17N - ORIGINAL WELLBORE - PROPOSAL #2	1,100.00	1,069.57	313.98	309.28	66.834	SF
HEN 18N - ORIGINAL WELLBORE - PROPOSAL #2	400.00	400.00	239.97	238.45	157.703	CC, ES
HEN 18N - ORIGINAL WELLBORE - PROPOSAL #2	1,100.00	1,058.11	338.46	333.80	72.540	SF
HEN 19N - ORIGINAL WELLBORE - PROPOSAL #2	400.00	400.00	254.98	253.46	167.567	CC, ES
HEN 19N - ORIGINAL WELLBORE - PROPOSAL #2	1,100.00	1,039.11	369.80	365.16	79.647	SF
HEN 20NA - ORIGINAL WELLBORE - PROPOSAL #2	400.00	399.00	269.95	268.43	177.669	CC, ES
HEN 20NA - ORIGINAL WELLBORE - PROPOSAL #2	1,100.00	1,013.85	407.22	402.59	87.936	SF
HEN 21N - ORIGINAL WELLBORE - PROPOSAL #2	400.00	399.00	284.96	283.44	187.547	CC, ES
HEN 21N - ORIGINAL WELLBORE - PROPOSAL #2	1,100.00	1,000.00	444.76	440.09	95.343	SF
HEN 22N - ORIGINAL WELLBORE - PROPOSAL #2	300.00	298.00	299.97	298.90	280.968	CC, ES
HEN 22N - ORIGINAL WELLBORE - PROPOSAL #2	1,200.00	1,040.34	535.03	529.85	103.423	SF