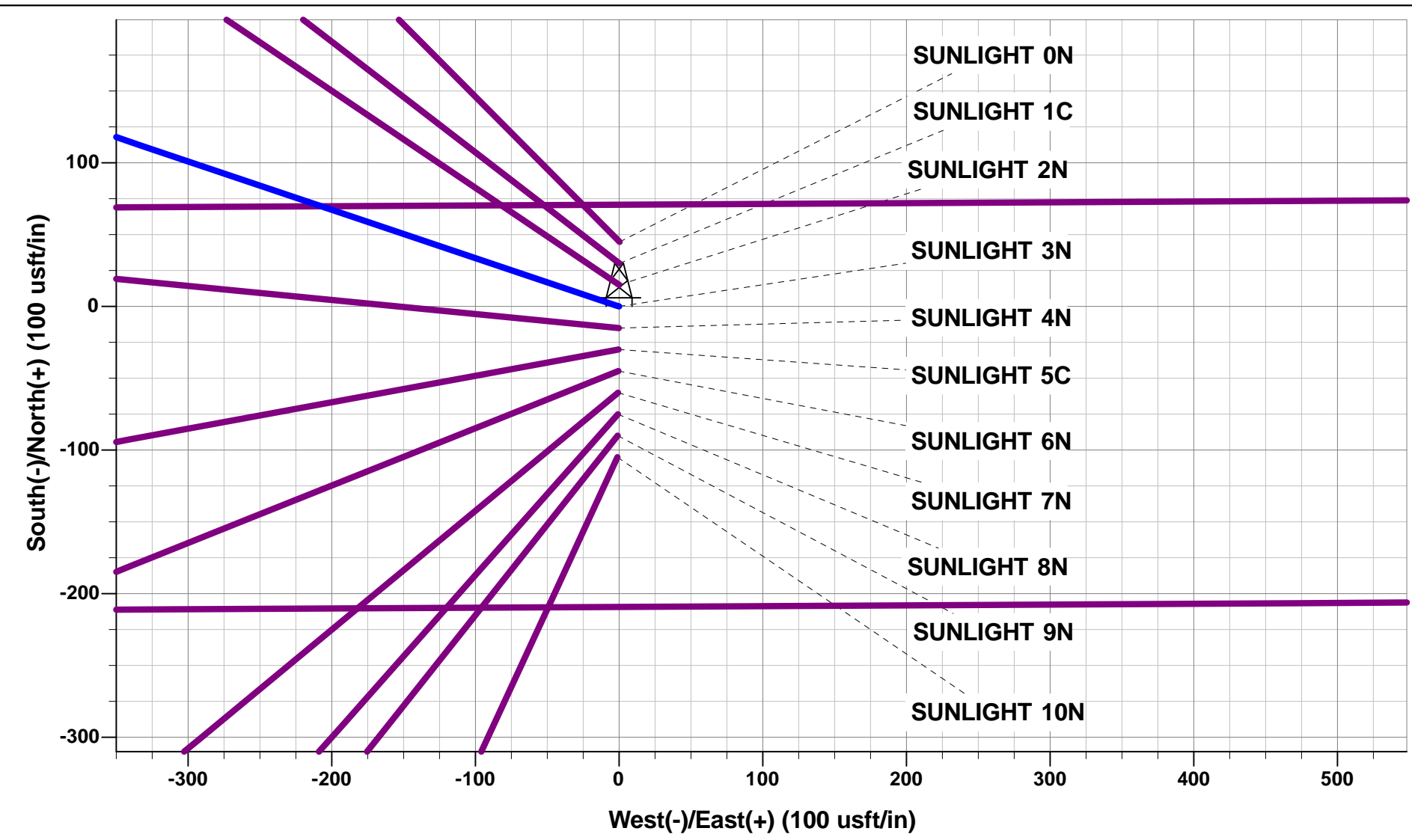




Project: WELD COUNTY, COLORADO (TRUE)  
Site: NW SW SEC. 8 T5N R64W 6th P.M. (SUNLIGHT)  
Well: SUNLIGHT 3N  
Wellbore: ORIGINAL WELLBORE  
Design: PROPOSAL #2

ANNOTATIONS									
TVD	MD	Inc	Azi	+N/-S	+E/-W	VSect	Dep	Annotation	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	SHL: 1488ft FSL & 487ft FWL of Sec 8	
600.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	START NUDGE (2°/100ft BUR)	
1237.08	1242.45	12.85	288.61	22.89	-67.99	-66.99	71.74	EOB TO 12.85° INC	
5216.75	5324.33	12.85	288.61	312.51	-928.28	-914.66	979.47	END OF TANGENT	
5853.82	5966.77	0.00	288.61	335.40	-996.26	-981.65	1051.20	EOD TO VERTICAL	
5953.82	6066.77	0.00	0.00	335.40	-996.26	-981.65	1051.20	KOP (8°/100ft BUR)	
6670.00	7197.15	90.43	89.69	339.30	-274.70	-260.54	1772.77	EP *NEW*: 1830ft FSL & 215ft FWL of Sec 8	
6596.00	17046.20	90.43	89.68	393.39	9573.92	9582.00	11621.54	BHL: 1830ft FSL & 500ft FEL of Sec 9	

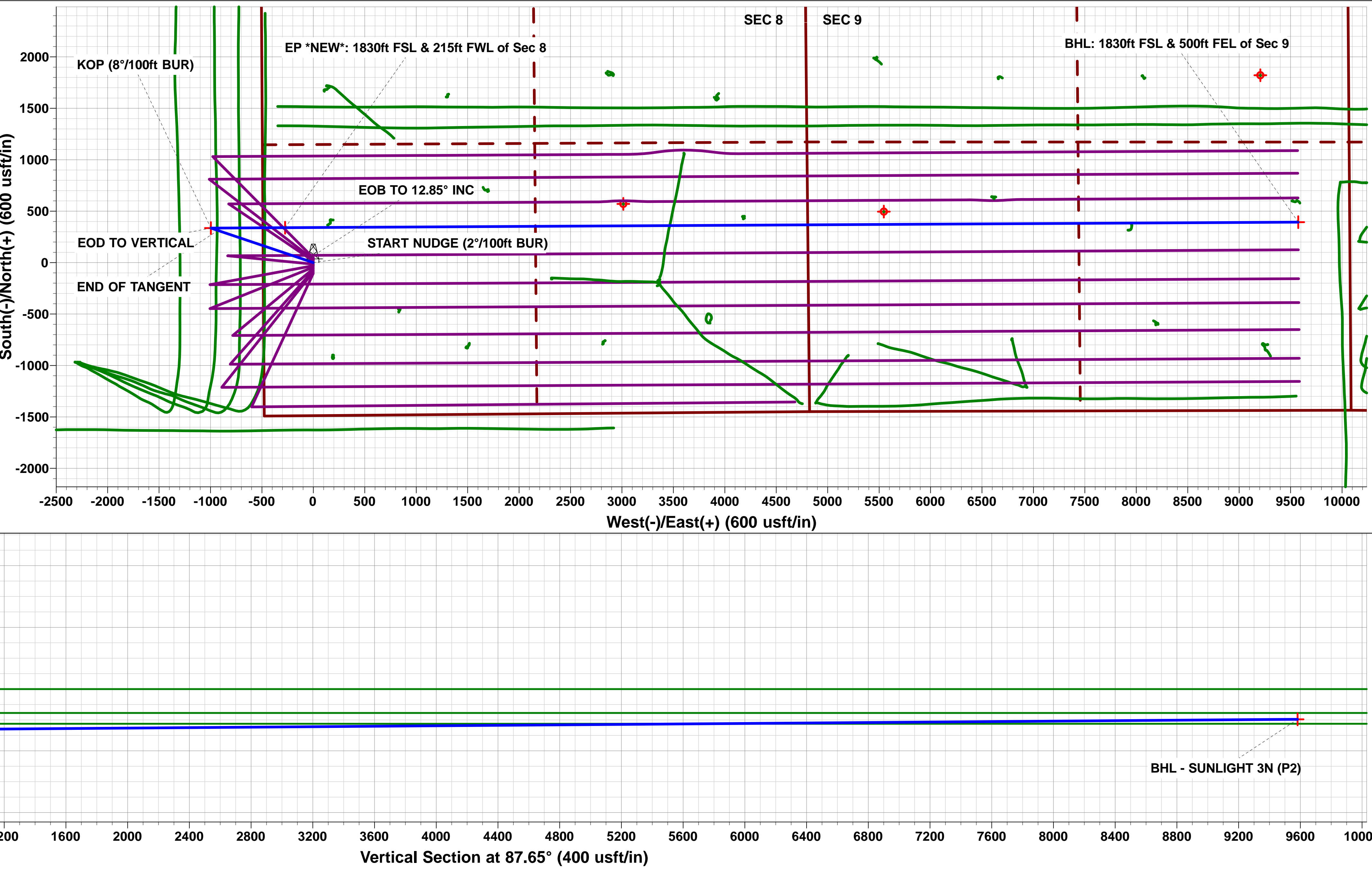
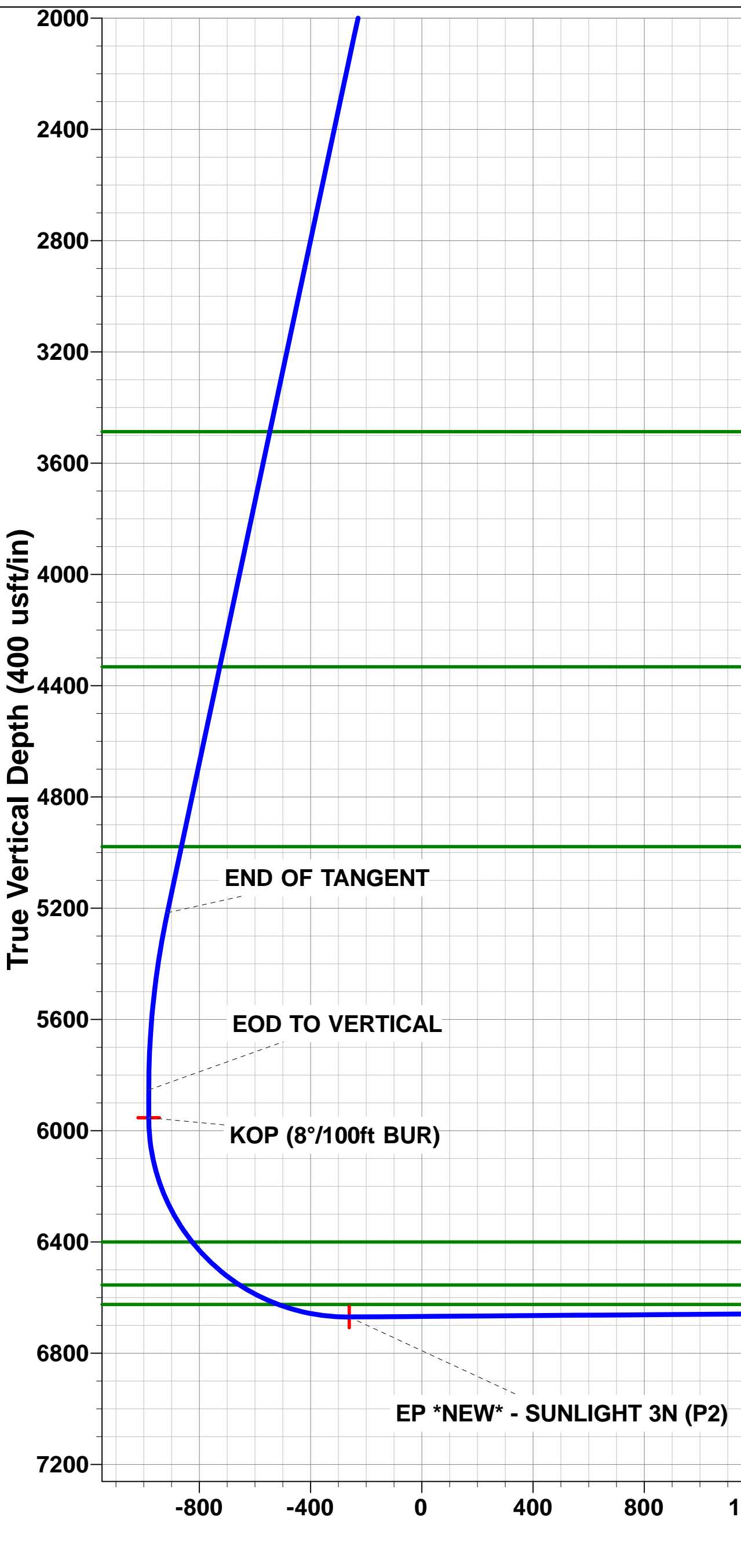
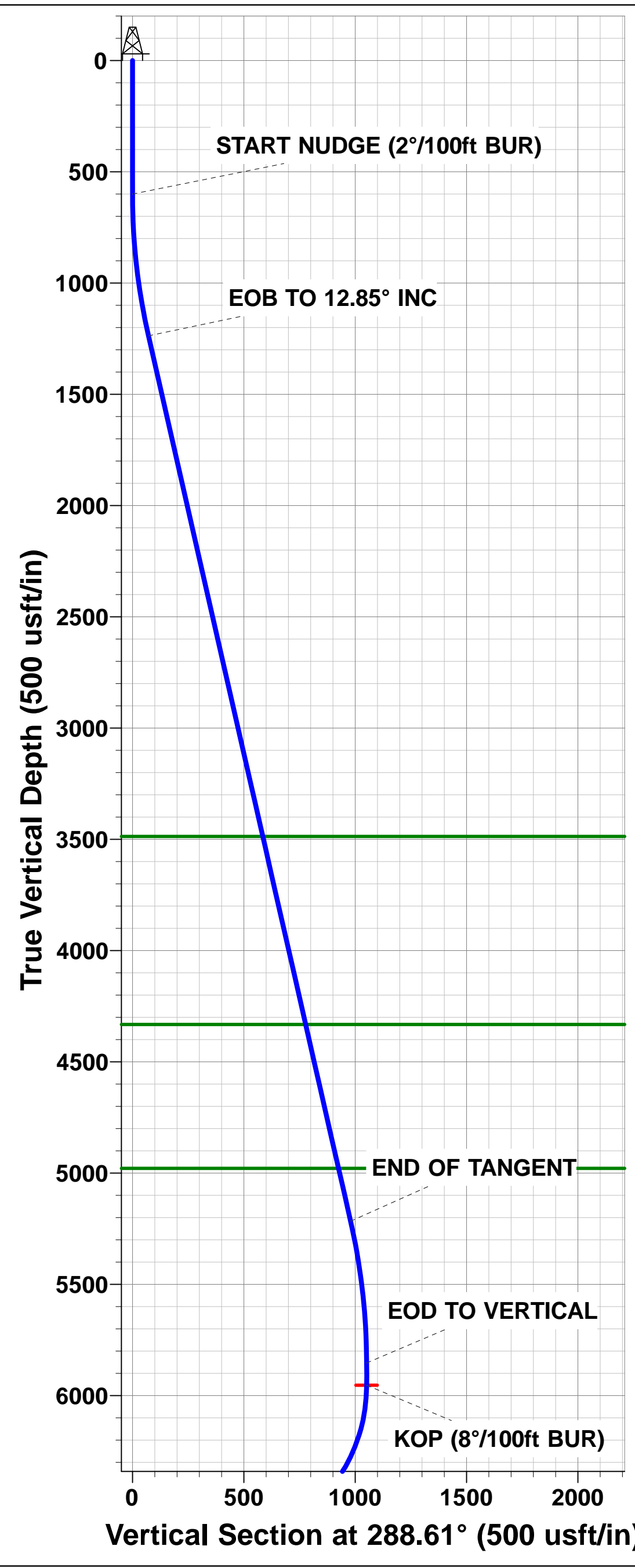
WELLBORE TARGET DETAILS (LAT/LONG)					
Name	TVD	+N/-S	+E/-W	Latitude	Longitude
KOP - SUNLIGHT 3N (P2)	5953.82	335.40	-996.26	40.411451	-104.585382
EP *NEW* - SUNLIGHT 3N (P2)	6670.00	339.30	-274.70	40.411462	-104.582791
BHL - SUNLIGHT 3N (P2)	6596.00	393.39	9573.92	40.411605	-104.547425



PROPOSED LOCAL COORDINATES:  
SHL: 1488ft FSL & 487ft FWL of Sec 8  
EP \*NEW\*: 1830ft FSL & 215ft FWL of Sec 8  
BHL: 1830ft FSL & 500ft FEL of Sec 9

Azimuths to True North  
Magnetic North: 8.04°

Magnetic Field  
Strength: 52344.2snT  
Dip Angle: 66.87°  
Date: 10/02/2018  
Model: IGRF2015



# **PDC ENERGY**

**WELD COUNTY, COLORADO (TRUE)  
NW SW SEC. 8 T5N R64W 6th P.M. (SUNLIGHT)  
SUNLIGHT 3N**

**ORIGINAL WELLBORE  
PROPOSAL #2**

## **Anticollision Report**

**26 February, 2018**



## Anticollision Report



<b>Company:</b>	PDC ENERGY	<b>Local Co-ordinate Reference:</b>	Well SUNLIGHT 3N
<b>Project:</b>	WELD COUNTY, COLORADO (TRUE)	<b>TVD Reference:</b>	KB-EST @ 4616.00usft (Original Well Elev)
<b>Reference Site:</b>	NW SW SEC. 8 T5N R64W 6th P.M. (SUNLIGHT)	<b>MD Reference:</b>	KB-EST @ 4616.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SUNLIGHT 3N	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	ORIGINAL WELLBORE	<b>Database:</b>	EDM 5000.1 Single User Db
<b>Reference Design:</b>	PROPOSAL #2	<b>Offset TVD Reference:</b>	Offset Datum

<b>Reference</b>	PROPOSAL #2		
<b>Filter type:</b>	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
<b>Interpolation Method:</b>	MD + Stations Interval 100.00usft	<b>Error Model:</b>	ISCWSA
<b>Depth Range:</b>	Unlimited	<b>Scan Method:</b>	Closest Approach 3D
<b>Results Limited by:</b>	Maximum center-center distance of 9,999.98 usft	<b>Error Surface:</b>	Elliptical Conic
<b>Warning Levels Evaluated at:</b>	2.00 Sigma	<b>Casing Method:</b>	Not applied

<b>Survey Tool Program</b>	<b>Date</b>	26/02/2018		
<b>From (usft)</b>	<b>To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>
0.00	17,046.20	PROPOSAL #2 (ORIGINAL WELLBORE)	MWD	MWD - Standard

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						
NW SW SEC. 8 T5N R64W 6th P.M. (SUNLIGHT)						
ABDN VERT PJ #1 - Wellbore #1 - Wellbore #1	8,961.21	6,400.00	1,203.27	1,138.76	18.651	CC
ABDN VERT PJ #1 - Wellbore #1 - Wellbore #1	9,000.00	6,400.00	1,203.90	1,138.38	18.376	ES
ABDN VERT PJ #1 - Wellbore #1 - Wellbore #1	9,600.00	6,400.00	1,362.32	1,281.08	16.769	SF
EXIST DD KLEIN B #9-13D - Wellbore #1 - Wellbore #1	12,955.21	6,825.04	1,158.07	978.97	6.466	CC
EXIST DD KLEIN B #9-13D - Wellbore #1 - Wellbore #1	13,000.00	6,824.69	1,158.94	978.59	6.426	ES
EXIST DD KLEIN B #9-13D - Wellbore #1 - Wellbore #1	13,200.00	6,823.09	1,183.66	997.73	6.366	SF
EXIST DD KLEIN B #9-14D - Wellbore #1 - Wellbore #1	14,259.30	6,624.98	1,116.44	904.24	5.261	CC
EXIST DD KLEIN B #9-14D - Wellbore #1 - Wellbore #1	14,300.00	6,625.23	1,117.18	903.84	5.237	ES
EXIST DD KLEIN B #9-14D - Wellbore #1 - Wellbore #1	14,400.00	6,625.84	1,125.27	909.14	5.206	SF
EXIST HZ HOP 18E-402 - Wellbore #1 - Wellbore #1	8,303.40	13,016.00	1,964.20	1,746.88	9.038	CC
EXIST HZ HOP 18E-402 - Wellbore #1 - Wellbore #1	10,400.00	15,093.00	1,970.57	1,639.96	5.960	ES
EXIST HZ HOP 18E-402 - Wellbore #1 - Wellbore #1	10,700.00	15,093.00	1,996.32	1,657.50	5.892	SF
EXIST HZ J KLEIN 7T-121 - Wellbore #1 - Wellbore #1	6,400.00	8,191.45	504.88	462.62	11.949	SF
EXIST HZ J KLEIN 7T-121 - Wellbore #1 - Wellbore #1	6,474.50	8,191.43	495.50	454.82	12.182	CC, ES
EXIST HZ J KLEIN 7Y-201 - Wellbore #1 - Wellbore #1	7,010.32	8,432.92	50.39	21.08	1.719	CC, ES, SF
EXIST HZ J KLEIN 7Y-241 - Wellbore #1 - Wellbore #1	6,650.00	8,363.06	276.50	238.91	7.356	SF
EXIST HZ J KLEIN 7Y-241 - Wellbore #1 - Wellbore #1	6,675.20	8,363.56	274.91	238.07	7.462	CC, ES
EXIST HZ J KLEIN 7Y-341 - Wellbore #1 - Wellbore #1	6,800.00	8,459.09	216.31	182.31	6.362	SF
EXIST HZ J KLEIN 7Y-341 - Wellbore #1 - Wellbore #1	6,842.20	8,458.50	210.92	178.23	6.453	CC, ES
EXIST HZ PATRIOT #B16-69HN - Wellbore #1 - Wellbor	17,017.23	11,086.00	1,691.20	1,278.10	4.094	CC
EXIST HZ PATRIOT #B16-69HN - Wellbore #1 - Wellbor	17,046.20	11,086.00	1,691.45	1,277.54	4.087	ES, SF
EXIST HZ SEYLER B #10-62-1HN - Wellbore #1 - Wellb	17,046.20	6,111.56	1,616.07	1,335.07	5.751	CC, ES, SF
EXIST HZ SEYLER B #10-63-1HN - Wellbore #1 - Wellb	17,046.20	6,243.00	1,150.95	874.98	4.171	CC, ES, SF
EXIST HZ SEYLER B #15-69HN - Wellbore #1 - Wellbor	17,046.20	6,232.77	1,834.88	1,542.66	6.279	CC, ES, SF
EXIST HZ WACKER 10G-214 - Wellbore #1 - Wellbore #	16,882.84	7,682.01	1,105.11	786.93	3.473	CC
EXIST HZ WACKER 10G-214 - Wellbore #1 - Wellbore #	16,900.00	7,672.03	1,105.16	786.76	3.471	ES
EXIST HZ WACKER 10G-214 - Wellbore #1 - Wellbore #	17,000.00	7,590.00	1,107.44	788.32	3.470	SF
EXIST HZ WACKER 10G-304 - Wellbore #1 - Wellbore #	7,150.00	17,545.76	991.06	660.35	2.997	SF
EXIST HZ WACKER 10G-304 - Wellbore #1 - Wellbore #	8,539.00	16,159.49	960.61	640.34	2.999	ES
EXIST HZ WACKER 10G-304 - Wellbore #1 - Wellbore #	15,974.34	8,721.71	957.29	641.30	3.029	CC
EXIST VERT BAUER OFFSET #9-43 - Wellbore #1 - We	15,634.47	6,600.00	952.04	701.87	3.806	CC, ES
EXIST VERT BAUER OFFSET #9-43 - Wellbore #1 - We	15,700.00	6,600.00	954.29	702.29	3.787	SF
EXIST VERT JURGENS #8-2 - Wellbore #1 - Wellbore #	10,276.83	6,632.42	1,149.39	1,048.25	11.365	CC
EXIST VERT JURGENS #8-2 - Wellbore #1 - Wellbore #	10,300.00	6,632.06	1,149.62	1,047.85	11.297	ES
EXIST VERT JURGENS #8-2 - Wellbore #1 - Wellbore #	10,600.00	6,627.40	1,193.95	1,083.96	10.855	SF
EXIST VERT JURGENS #8-16 - Wellbore #1 - Wellbore	11,326.00	6,607.23	923.53	793.84	7.121	CC, ES

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

<b>Company:</b>	PDC ENERGY	<b>Local Co-ordinate Reference:</b>	Well SUNLIGHT 3N
<b>Project:</b>	WELD COUNTY, COLORADO (TRUE)	<b>TVD Reference:</b>	KB-EST @ 4616.00usft (Original Well Elev)
<b>Reference Site:</b>	NW SW SEC. 8 T5N R64W 6th P.M. (SUNLIGHT)	<b>MD Reference:</b>	KB-EST @ 4616.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SUNLIGHT 3N	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	ORIGINAL WELLBORE	<b>Database:</b>	EDM 5000.1 Single User Db
<b>Reference Design:</b>	PROPOSAL #2	<b>Offset TVD Reference:</b>	Offset Datum

## Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
NW SW SEC. 8 T5N R64W 6th P.M. (SUNLIGHT)						
EXIST VERT JURGENS #B8-16 - Wellbore #1 - Wellbore	11,500.00	6,607.78	939.78	805.27	6.987	SF
EXIST VERT PAULINE 1 - Wellbore #1 - Wellbore #1	600.00	581.07	920.60	918.89	539.587	ES
EXIST VERT PAULINE 1 - Wellbore #1 - Wellbore #1	605.87	586.84	920.59	918.89	541.015	CC
EXIST VERT PAULINE 1 - Wellbore #1 - Wellbore #1	9,000.00	6,500.00	1,837.13	1,770.98	27.769	SF
EXIST VERT PAULINE 2 - Wellbore #1 - Wellbore #1	7,613.43	6,450.00	198.29	179.45	10.529	CC, ES, SF
EXIST VERT PAULINE PJ #5 - Wellbore #1 - Wellbore #	8,295.16	6,400.00	830.22	783.01	17.586	CC
EXIST VERT PAULINE PJ #5 - Wellbore #1 - Wellbore #	8,300.00	6,400.00	830.23	782.91	17.544	ES
EXIST VERT PAULINE PJ #5 - Wellbore #1 - Wellbore #	8,700.00	6,400.00	923.67	866.65	16.200	SF
EXIST VERT PETERSON B9-16 - Wellbore #1 - Wellbor	16,758.11	6,483.18	1,282.05	1,001.02	4.562	CC
EXIST VERT PETERSON B9-16 - Wellbore #1 - Wellbor	16,800.00	6,484.60	1,282.73	1,000.51	4.545	ES
EXIST VERT PETERSON B9-16 - Wellbore #1 - Wellbor	16,900.00	6,488.03	1,289.87	1,004.80	4.525	SF
SUNLIGHT 0N - ORIGINAL WELLBORE - PROPOSAL #	300.00	300.00	45.00	43.92	41.968	CC, ES
SUNLIGHT 0N - ORIGINAL WELLBORE - PROPOSAL #	17,046.20	17,103.55	695.06	119.80	1.208	Level 2, SF
SUNLIGHT 10N - ORIGINAL WELLBORE - PROPOSAL	300.00	300.00	105.00	103.93	97.936	CC, ES
SUNLIGHT 10N - ORIGINAL WELLBORE - PROPOSAL	12,400.00	11,846.45	1,739.92	1,440.70	5.815	SF
SUNLIGHT 1C - ORIGINAL WELLBORE - PROPOSAL #	400.00	400.00	30.02	28.50	19.729	CC
SUNLIGHT 1C - ORIGINAL WELLBORE - PROPOSAL #	17,046.20	17,250.25	508.00	-32.23	0.940	Level 1, ES, SF
SUNLIGHT 2N - ORIGINAL WELLBORE - PROPOSAL #	500.00	500.00	15.01	13.04	7.615	CC
SUNLIGHT 2N - ORIGINAL WELLBORE - PROPOSAL #	17,046.20	16,925.74	248.27	-294.10	0.458	Level 1, ES, SF
SUNLIGHT 4N - ORIGINAL WELLBORE - PROPOSAL #	600.00	600.00	15.01	12.59	6.200	CC
SUNLIGHT 4N - ORIGINAL WELLBORE - PROPOSAL #	17,046.20	16,922.99	280.66	-269.93	0.510	Level 1, ES, SF
SUNLIGHT 5C - ORIGINAL WELLBORE - PROPOSAL #	600.00	600.00	29.98	27.56	12.387	CC, ES
SUNLIGHT 5C - ORIGINAL WELLBORE - PROPOSAL #	17,046.20	17,204.09	580.30	31.89	1.058	Level 2, SF
SUNLIGHT 6N - ORIGINAL WELLBORE - PROPOSAL #	600.00	600.00	45.00	42.57	18.587	CC, ES
SUNLIGHT 6N - ORIGINAL WELLBORE - PROPOSAL #	17,046.20	17,055.75	782.12	206.39	1.358	Level 3, SF
SUNLIGHT 7N - ORIGINAL WELLBORE - PROPOSAL #	600.00	600.00	60.01	57.58	24.788	CC, ES
SUNLIGHT 7N - ORIGINAL WELLBORE - PROPOSAL #	17,046.20	16,907.39	1,046.73	477.67	1.839	SF
SUNLIGHT 8N - ORIGINAL WELLBORE - PROPOSAL #	500.00	500.00	75.02	73.04	38.056	CC, ES
SUNLIGHT 8N - ORIGINAL WELLBORE - PROPOSAL #	17,046.20	16,899.28	1,323.41	752.76	2.319	SF
SUNLIGHT 9N - ORIGINAL WELLBORE - PROPOSAL #	400.00	400.00	89.99	88.47	59.139	CC, ES
SUNLIGHT 9N - ORIGINAL WELLBORE - PROPOSAL #	17,046.20	17,114.80	1,549.89	977.84	2.709	SF

<b>Company:</b>	PDC ENERGY	<b>Local Co-ordinate Reference:</b>	Well SUNLIGHT 3N
<b>Project:</b>	WELD COUNTY, COLORADO (TRUE)	<b>TVD Reference:</b>	KB-EST @ 4616.00usft (Original Well Elev)
<b>Reference Site:</b>	NW SW SEC. 8 T5N R64W 6th P.M. (SUNLIGHT)	<b>MD Reference:</b>	KB-EST @ 4616.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SUNLIGHT 3N	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	ORIGINAL WELLBORE	<b>Database:</b>	EDM 5000.1 Single User Db
<b>Reference Design:</b>	PROPOSAL #2	<b>Offset TVD Reference:</b>	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 NW SEC. 10 T5N R64W 6th P.M.						
ABDN VERT BLOSKAS #13-9 - Wellbore #1 - Design #1	13,018.43	6,601.30	124.86	-181.85	0.407	Level 1, CC, ES, SF
ABDN VERT HEINRICH #1 - Wellbore #1 - Design #1	16,685.90	6,585.71	1,429.92	1,022.11	3.506	CC
ABDN VERT HEINRICH #1 - Wellbore #1 - Design #1	16,700.00	6,585.61	1,429.99	1,021.79	3.503	ES
ABDN VERT HEINRICH #1 - Wellbore #1 - Design #1	16,800.00	6,584.85	1,434.46	1,023.48	3.490	SF
EXIST DD JURGENS PC #B8-22D - Wellbore #1 - Wellb	11,081.15	6,770.38	700.38	562.56	5.082	CC
EXIST DD JURGENS PC #B8-22D - Wellbore #1 - Wellb	11,100.00	6,770.26	700.63	562.29	5.065	ES
EXIST DD JURGENS PC #B8-22D - Wellbore #1 - Wellb	11,200.00	6,769.66	710.39	569.29	5.035	SF
EXIST DD JURGENS PC #B8-24D - Wellbore #1 - Wellb	9,784.59	6,786.93	513.66	403.83	4.677	CC
EXIST DD JURGENS PC #B8-24D - Wellbore #1 - Wellb	9,800.00	6,786.84	513.90	403.64	4.661	ES
EXIST DD JURGENS PC #B8-24D - Wellbore #1 - Wellb	9,900.00	6,786.25	526.47	413.50	4.660	SF
EXIST DD JURGENS STATE #B16-30D - Wellbore #1 -	12,208.66	6,928.80	1,736.52	1,553.66	9.496	CC
EXIST DD JURGENS STATE #B16-30D - Wellbore #1 -	12,300.00	6,929.88	1,738.92	1,553.52	9.379	ES
EXIST DD JURGENS STATE #B16-30D - Wellbore #1 -	12,700.00	6,934.50	1,804.68	1,608.15	9.182	SF
EXIST DD PJ #8I - Wellbore #1 - Wellbore #1	8,258.50	6,720.22	864.05	800.04	13.500	CC
EXIST DD PJ #8I - Wellbore #1 - Wellbore #1	8,300.00	6,720.03	865.04	800.03	13.306	ES
EXIST DD PJ #8I - Wellbore #1 - Wellbore #1	8,600.00	6,718.64	929.08	856.55	12.809	SF
EXIST HZ SEYLLOR #B10-64-1HN - Wellbore #1 - Wellbo	17,046.20	6,325.00	790.23	620.66	4.660	CC, ES, SF
EXIST HZ SEYLLOR STATE #B15-79HNM - Wellbore #1	17,046.20	6,735.67	395.84	288.83	3.699	CC, ES, SF
EXIST VERT BAUER #9-1 - Wellbore #1 - Wellbore #1	15,391.22	6,576.37	68.22	-175.40	0.280	Level 1, CC, ES, SF
EXIST VERT BLOSKAS #12-9 - Wellbore #1 - Wellbore	13,002.29	6,691.93	1,561.13	1,384.82	8.854	CC, ES
EXIST VERT BLOSKAS #12-9 - Wellbore #1 - Wellbore	13,400.00	6,700.00	1,610.93	1,423.60	8.599	SF
EXIST VERT BLOSKAS #9-23 - Wellbore #1 - Wellbore	14,107.51	6,589.84	260.57	53.33	1.257	Level 3, CC, ES, SF
EXIST VERT BOND #1 - Wellbore #1 - Wellbore #1	14,174.96	6,640.95	1,419.95	1,211.03	6.797	CC
EXIST VERT BOND #1 - Wellbore #1 - Wellbore #1	14,200.00	6,642.09	1,420.17	1,210.56	6.775	ES
EXIST VERT BOND #1 - Wellbore #1 - Wellbore #1	14,400.00	6,651.06	1,437.63	1,222.49	6.682	SF
EXIST VERT BOND #32-9 - Wellbore #1 - Wellbore #1	15,564.94	6,584.11	1,410.59	1,162.93	5.696	CC
EXIST VERT BOND #32-9 - Wellbore #1 - Wellbore #1	15,600.00	6,583.84	1,411.03	1,162.38	5.675	ES
EXIST VERT BOND #32-9 - Wellbore #1 - Wellbore #1	15,800.00	6,582.34	1,430.04	1,175.79	5.625	SF
EXIST VERT DR B #10-12 - Wellbore #1 - Wellbore #1	17,046.20	6,569.96	1,132.60	843.05	3.912	CC, ES, SF
EXIST VERT JURGENS #8-1 - Wellbore #1 - Wellbore #	11,662.20	6,611.54	70.39	-68.61	0.506	Level 1, CC, ES, SF
EXIST VERT JURGENS #8-13 - Wellbore #1 - Wellbore	10,326.89	6,606.61	1,484.06	1,381.76	14.506	CC
EXIST VERT JURGENS #8-13 - Wellbore #1 - Wellbore	10,400.00	6,605.12	1,485.86	1,381.56	14.245	ES
EXIST VERT JURGENS #8-13 - Wellbore #1 - Wellbore	10,900.00	6,593.45	1,590.83	1,472.78	13.476	SF
EXIST VERT JURGENS #8-14 - Wellbore #1 - Wellbore	11,376.28	6,592.06	1,244.15	1,112.48	9.450	CC
EXIST VERT JURGENS #8-14 - Wellbore #1 - Wellbore	11,400.00	6,591.53	1,244.37	1,112.05	9.404	ES
EXIST VERT JURGENS #8-14 - Wellbore #1 - Wellbore	11,700.00	6,584.71	1,285.55	1,144.93	9.142	SF
EXIST VERT JURGENS PC #B8-23 - Wellbore #1 - Well	10,811.76	6,612.53	584.74	468.86	5.046	CC, ES
EXIST VERT JURGENS PC #B8-23 - Wellbore #1 - Well	10,900.00	6,610.66	591.35	473.05	4.999	SF
EXIST VERT JURGENS PM B #B8-10 - Wellbore #1 - D	10,486.08	6,642.32	213.73	-22.41	0.905	Level 1, CC, ES, SF
EXIST VERT PAULINE #5 - Wellbore #1 - Wellbore #1	8,770.45	6,634.08	1,262.79	1,202.24	20.856	CC
EXIST VERT PAULINE #5 - Wellbore #1 - Wellbore #1	8,800.00	6,633.92	1,263.14	1,201.82	20.602	ES
EXIST VERT PAULINE #5 - Wellbore #1 - Wellbore #1	9,500.00	6,630.17	1,458.38	1,378.52	18.263	SF
EXIST VERT PJ #2 - Wellbore #1 - Wellbore #1	9,125.61	6,400.00	446.45	382.92	7.028	CC, ES
EXIST VERT PJ #2 - Wellbore #1 - Wellbore #1	9,200.00	6,400.00	452.60	387.37	6.938	SF
EXIST VERT PJ #3 - Wellbore #1 - Wellbore #1	7,586.76	6,500.00	1,332.05	1,299.05	40.368	CC
EXIST VERT PJ #3 - Wellbore #1 - Wellbore #1	7,600.00	6,500.00	1,332.12	1,298.88	40.075	ES
EXIST VERT PJ #3 - Wellbore #1 - Wellbore #1	9,200.00	6,500.00	2,092.09	2,020.20	29.103	SF
EXIST VERT WILLIAMS #1 - Wellbore #1 - Wellbore #1	17,046.20	6,569.44	188.55	-100.78	0.652	Level 1, CC, ES, SF