PDC ENERGY

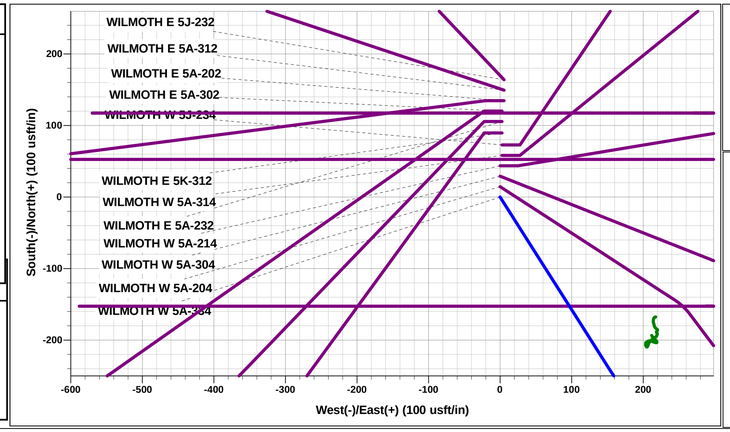
Project: WELD COUNTY, COLORADO (TRUE)
Site: NW NW SEC. 5 T4N R64W 6th P.M.
Well: WILMOTH W 5A-334
Wellbore: ORIGINAL WELLBORE
Design: PROPOSAL #4

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: 1158ft FNL & 1100ft FWL of Sec 5
300.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	START NUDGE (2°/100ft BUR)
935.09	940.41	12.81	147.58	-60.17	38.22	-31.26	71.28	EOB TO 12.81° INC
3890.76	3971.50	12.81	147.58	-627.37	398.51	-325.98	743.24	END OF TANGENT
4525.85	4611.91	0.00	0.00	-687.54	436.73	-357.24	814.52	EOD TO VERTICAL
6197.85	6283.91	0.00	0.00	-687.54	436.73	-357.24	814.52	KOP (8°/100ft BUR)
6914.00	7417.29	90.67	270.00	-687.54	-287.84	362.80	1539.10	HZ LP *NEW*: 1845ft FNL & 843ft FWL of Sec 5
6856.11	12369.32	90.67	270.00	-687.57	-5239.54	5283.54	6490.79	END OF TANGENT
6854.16	12535.96	90.67	265.00	-694.84	-5405.95	5449.73	6657.42	EOT TO 265° AZ
6853.81	12565.96	90.67	265.00	-697.45	-5435.84	5479.72	6687.41	END OF TANGENT
6851.87	12732.62	90.66	270.00	-704.72	-5602.27	5645.93	6854.06	EOT TO 270° AZ
6849.94	12899.27	90.66	275.00	-697.45	-5768.70	5810.50	7020.70	EOT TO 275° AZ
6849.60	12928.57	90.66	275.00	-694.90	-5797.89	5839.22	7050.00	END OF TANGENT
6847.72	13095.14	90.63	270.00	-687.63	-5964.24	6003.72	7216.56	EOT TO 270° AZ
6846.00	13251.83	90.63	270.00	-687.63	-6120.92	6159.42	7373.24	BHL *NEW*:1820ft FNL & 150ft FWL of Sec 6

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude
KOP - WILMOTH W 5A-334 (P4)	6197.85	-687.54	436.73	40.343423	-104.577973
HZ LP *NEW* - WILMOTH W 5A-334 (P4)	6914.00	-687.54	-287.84	40.343423	-104.580573
BHL *NEW*- WILMOTH W 5A-334 (P4)	6846.00	-687.63	-6120.92	40.343420	-104.601498
80° INC - WILMOTH W 5A-334 (P4)	6903.17	-687.54	-155.10	40.343423	-104.580096

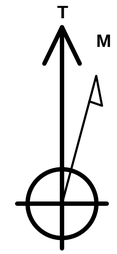


PROPOSED LOCAL COORDINATES:

SHL: 1158ft FNL & 1100ft FWL of Sec 5

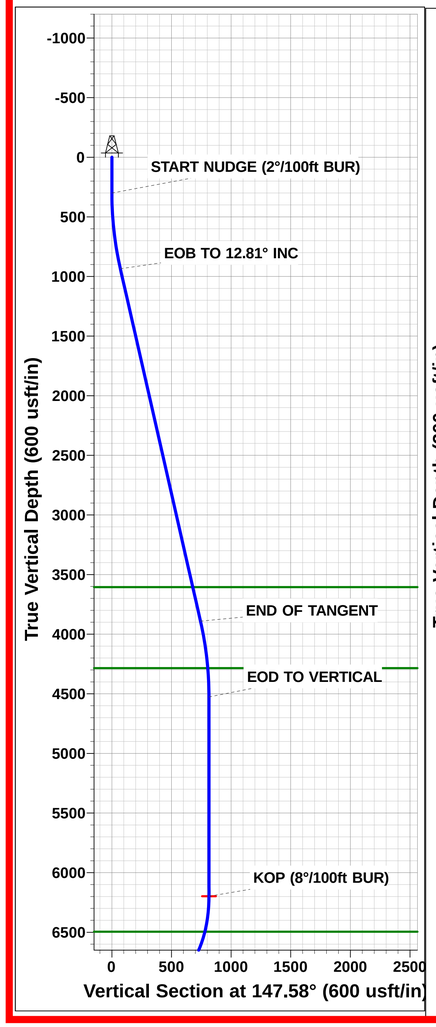
HZ LP *NEW*: 1845ft FNL & 843ft FWL of Sec 5

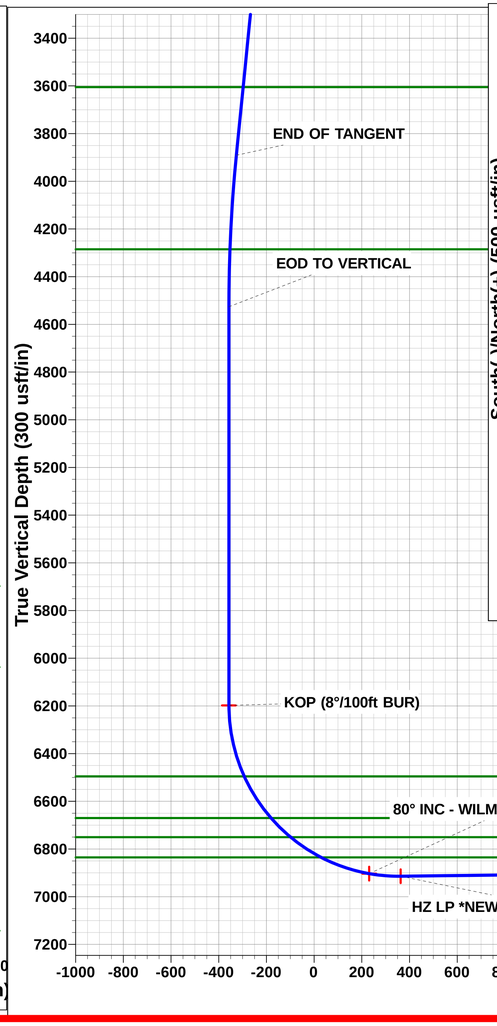
BHL*NEW*: 1820ft FNL & 150ft FWL of Sec 6

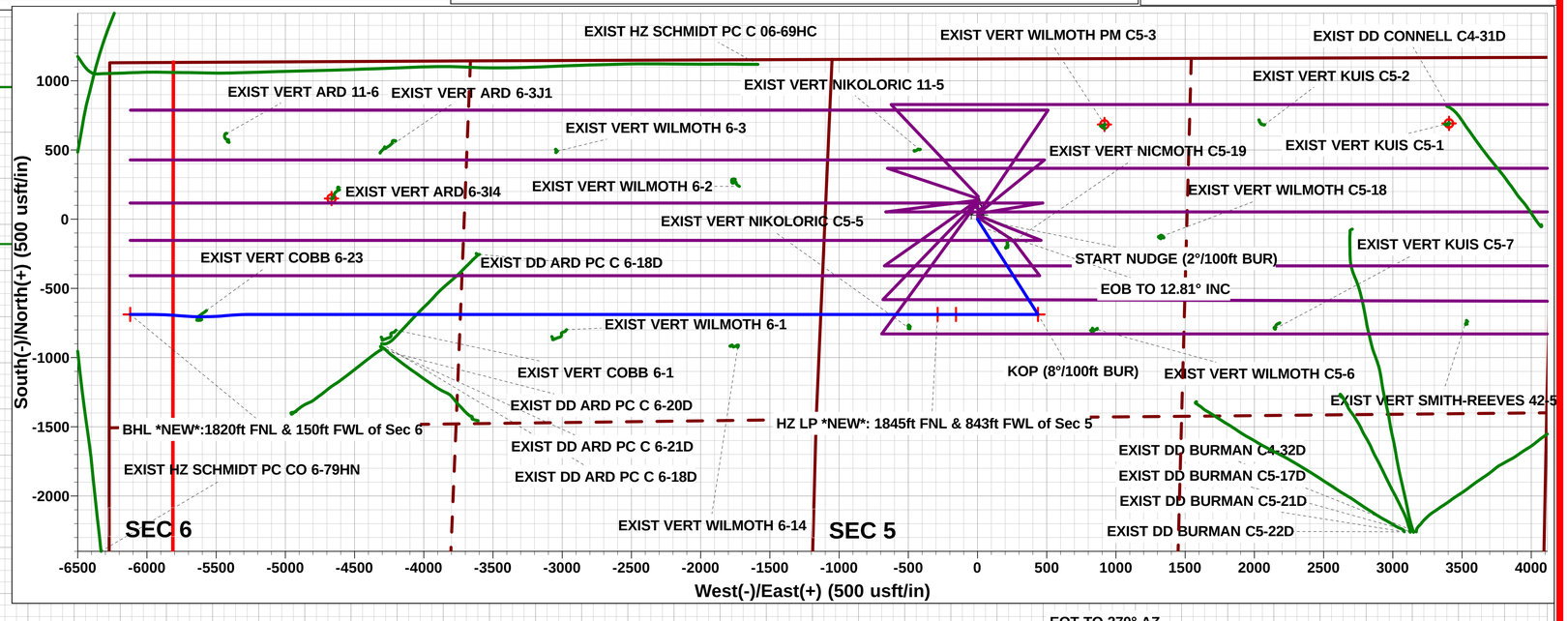


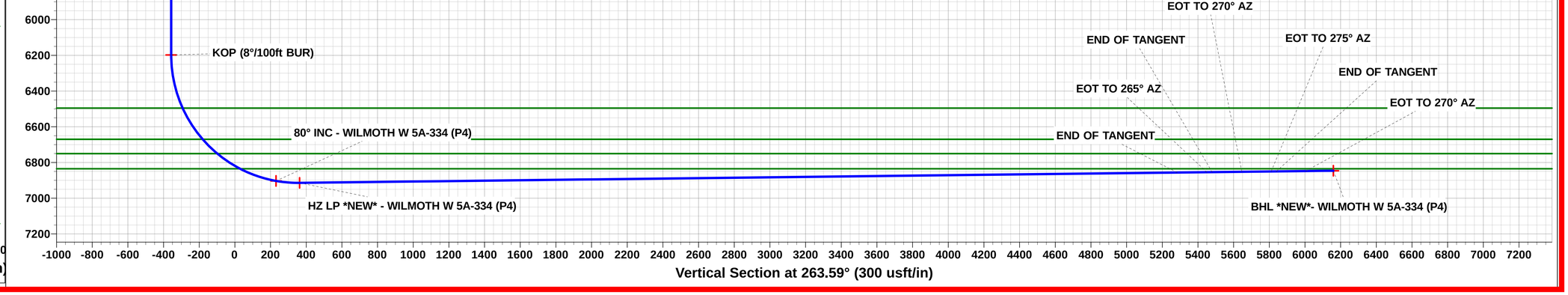
Azimuths to True North
Magnetic North: 8.15°

Magnetic Field
Strength: 52429.3snT
Dip Angle: 66.85°
Date: 23/01/2017
Model: IGRF2015









PDC ENERGY

WELD COUNTY, COLORADO (TRUE)
NW NW SEC. 5 T4N R64W 6th P.M.
WILMOTH W 5A-334

ORIGINAL WELLBORE
PROPOSAL #4

Anticollision Report

18 May, 2018

Company:	PDC ENERGY	**Local Co-ordinate Reference:**	Well WILMOTH W 5A-334
Project:	WELD COUNTY, COLORADO (TRUE)	**TVD Reference:**	KB-EST @ 4762.00usft (Original Well Elev)
Reference Site:	NW NW SEC. 5 T4N R64W 6th P.M.	**MD Reference:**	KB-EST @ 4762.00usft (Original Well Elev)
Site Error:	0.00 usft	**North Reference:**	True
Reference Well:	WILMOTH W 5A-334	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	**Database:**	EDM 5000.1 Single User Db
Reference Design:	PROPOSAL #4	**Offset TVD Reference:**	Offset Datum

Reference	PROPOSAL #4		
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 center-center distance of 10,000.00 u	**Error Surface:**	Elliptical Conic
Warning Levels Evaluated at:	2.00 **Sigma**	**Casing Method:**	Not applied

Survey Tool Program **Date** 18/05/2018

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.00	13,250.76	PROPOSAL #4 (ORIGINAL WELLBORE)	MWD	MWD - Standard

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 NW SEC. 5 T4N R64W 6th P.M.						
EXIST DD ARD PC C 6-18D - Wellbore #1 - Wellbore #1	10,737.21	7,061.47	431.46	303.52	3.372	CC, ES
EXIST DD ARD PC C 6-18D - Wellbore #1 - Wellbore #1	10,800.00	7,059.34	436.00	306.32	3.362	SF
EXIST DD ARD PC C 6-20D - Wellbore #1 - Wellbore #1	12,077.37	7,012.23	707.98	543.62	4.308	CC
EXIST DD ARD PC C 6-20D - Wellbore #1 - Wellbore #1	12,100.00	7,011.02	708.34	543.35	4.293	ES
EXIST DD ARD PC C 6-20D - Wellbore #1 - Wellbore #1	12,200.00	7,005.69	718.49	550.70	4.282	SF
EXIST DD ARD PC C 6-21D - Wellbore #1 - Wellbore #1	10,763.18	7,029.74	761.48	633.08	5.931	CC
EXIST DD ARD PC C 6-21D - Wellbore #1 - Wellbore #1	10,800.00	7,027.53	762.36	632.95	5.891	ES
EXIST DD ARD PC C 6-21D - Wellbore #1 - Wellbore #1	10,900.00	7,021.53	773.63	641.45	5.853	SF
EXIST DD BURMAN C4-32D - Wellbore #1 - Wellbore #1	3,296.77	2,622.83	3,550.87	3,532.30	191.127	CC
EXIST DD BURMAN C4-32D - Wellbore #1 - Wellbore #1	3,400.00	2,686.09	3,551.56	3,532.23	183.760	ES
EXIST DD BURMAN C4-32D - Wellbore #1 - Wellbore #1	12,700.00	7,195.94	9,802.34	9,614.82	52.275	SF
EXIST DD BURMAN C5-17D - Wellbore #1 - Wellbore #1	5,301.04	5,651.00	2,288.74	2,258.27	75.103	CC, ES
EXIST DD BURMAN C5-17D - Wellbore #1 - Wellbore #1	6,300.00	6,641.30	2,332.20	2,270.65	37.892	SF
EXIST DD BURMAN C5-21D - Wellbore #1 - Wellbore #1	6,283.91	6,565.59	1,307.93	1,252.31	23.517	ES, SF
EXIST DD BURMAN C5-21D - Wellbore #1 - Wellbore #1	6,303.23	6,581.77	1,307.68	1,274.43	39.331	CC
EXIST DD BURMAN C5-22D - Wellbore #1 - Wellbore #1	5,633.99	5,703.72	2,256.63	2,221.30	63.876	CC, ES
EXIST DD BURMAN C5-22D - Wellbore #1 - Wellbore #1	12,565.96	6,905.55	8,092.68	7,918.24	46.394	SF
EXIST DD CONNELL C4-31D - Wellbore #1 - Wellbore #	1,330.56	1,035.30	3,454.56	3,449.70	710.952	CC
EXIST DD CONNELL C4-31D - Wellbore #1 - Wellbore #	1,400.00	1,075.00	3,454.83	3,449.64	665.878	ES
EXIST DD CONNELL C4-31D - Wellbore #1 - Wellbore #	13,000.00	6,959.73	9,964.40	9,790.71	57.369	SF
EXIST HZ SCHMIDT PC C 06-69HC - Wellbore #1 - Wel	12,425.26	7,691.46	1,747.58	1,554.58	9.055	CC
EXIST HZ SCHMIDT PC C 06-69HC - Wellbore #1 - Wel	13,048.13	7,152.77	1,750.84	1,552.78	8.840	ES
EXIST HZ SCHMIDT PC C 06-69HC - Wellbore #1 - Wel	13,251.83	6,928.70	1,752.52	1,553.21	8.793	SF
EXIST HZ SCHMIDT PC CO 6-79HN - Wellbore #1 - We	13,251.83	9,688.28	438.45	356.21	5.331	CC, ES, SF
EXIST VERT ARD 11-6 - Wellbore #1 - Wellbore #1	12,478.32	6,908.95	1,312.62	1,153.77	8.263	CC
EXIST VERT ARD 11-6 - Wellbore #1 - Wellbore #1	12,500.00	6,908.68	1,312.92	1,153.51	8.236	ES
EXIST VERT ARD 11-6 - Wellbore #1 - Wellbore #1	13,000.00	6,902.42	1,383.58	1,210.76	8.006	SF
EXIST VERT ARD 6-3I4 - Wellbore #1 - Wellbore #1	11,747.61	6,924.55	919.22	780.75	6.639	CC, ES
EXIST VERT ARD 6-3I4 - Wellbore #1 - Wellbore #1	11,900.00	6,921.45	931.76	789.05	6.529	SF
EXIST VERT ARD 6-3J1 - Wellbore #1 - Wellbore #1	11,339.28	6,911.29	1,255.45	1,128.36	9.878	CC
EXIST VERT ARD 6-3J1 - Wellbore #1 - Wellbore #1	11,400.00	6,909.58	1,256.92	1,128.14	9.760	ES
EXIST VERT ARD 6-3J1 - Wellbore #1 - Wellbore #1	11,700.00	6,901.09	1,306.21	1,169.07	9.525	SF
EXIST VERT COBB 6-1 - Wellbore #1 - Wellbore #1	11,347.86	6,923.88	129.91	2.85	1.022	Level 2, CC, ES, SF
EXIST VERT COBB 6-23 - Wellbore #1 - Wellbore #1	12,703.46	6,928.95	41.40	-123.66	0.251	Level 1, CC, ES, SF
EXIST VERT CONNELL 1 - Wellbore #1 - Wellbore #1	3,079.70	2,600.00	4,597.15	4,583.88	346.274	CC
EXIST VERT CONNELL 1 - Wellbore #1 - Wellbore #1	3,100.00	2,600.00	4,597.20	4,583.83	343.817	ES
EXIST VERT CONNELL 1 - Wellbore #1 - Wellbore #1	11,300.00	2,600.00	9,953.51	9,904.46	202.926	SF

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

Company:	PDC ENERGY	**Local Co-ordinate Reference:**	Well WILMOTH W 5A-334
Project:	WELD COUNTY, COLORADO (TRUE)	**TVD Reference:**	KB-EST @ 4762.00usft (Original Well Elev)
Reference Site:	NW NW SEC. 5 T4N R64W 6th P.M.	**MD Reference:**	KB-EST @ 4762.00usft (Original Well Elev)
Site Error:	0.00 usft	**North Reference:**	True
Reference Well:	WILMOTH W 5A-334	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	**Database:**	EDM 5000.1 Single User Db
Reference Design:	PROPOSAL #4	**Offset TVD Reference:**	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 NW SEC. 5 T4N R64W 6th P.M.						
EXIST VERT CONNELL 4-3I4 - Wellbore #1 - Wellbore #	5,577.71	5,425.10	5,846.98	5,831.73	383.357	CC
EXIST VERT CONNELL 4-3I4 - Wellbore #1 - Wellbore #	6,300.00	6,072.01	5,852.30	5,831.09	275.983	ES
EXIST VERT CONNELL 4-3I4 - Wellbore #1 - Wellbore #	10,800.00	6,800.00	9,910.76	9,799.46	89.047	SF
EXIST VERT CONNELL C4-18 - Wellbore #1 - Wellbore	5,401.00	5,251.42	6,164.58	6,148.85	391.990	CC
EXIST VERT CONNELL C4-18 - Wellbore #1 - Wellbore	6,300.00	6,148.79	6,167.52	6,146.70	296.316	ES
EXIST VERT CONNELL C4-18 - Wellbore #1 - Wellbore	10,500.00	6,800.00	9,968.77	9,868.27	99.198	SF
EXIST VERT CONNELL C4-19 - Wellbore #1 - Wellbore	5,508.19	5,374.84	5,004.47	4,988.80	319.191	CC
EXIST VERT CONNELL C4-19 - Wellbore #1 - Wellbore	6,285.14	6,160.39	5,008.89	4,987.65	235.846	ES
EXIST VERT CONNELL C4-19 - Wellbore #1 - Wellbore	11,700.00	6,700.00	9,994.49	9,863.62	76.372	SF
EXIST VERT CONNELL C4-20 - Wellbore #1 - Wellbore	5,505.23	5,369.97	4,809.97	4,792.70	278.536	CC, ES
EXIST VERT CONNELL C4-20 - Wellbore #1 - Wellbore	11,800.00	6,800.00	9,901.71	9,764.10	71.951	SF
EXIST VERT CONNELL C4-29 - Wellbore #1 - Wellbore	5,555.61	5,400.00	5,335.20	5,320.50	362.924	CC
EXIST VERT CONNELL C4-29 - Wellbore #1 - Wellbore	6,300.00	6,075.34	5,340.81	5,319.25	247.758	ES
EXIST VERT CONNELL C4-29 - Wellbore #1 - Wellbore	11,400.00	6,800.00	9,917.51	9,789.28	77.337	SF
EXIST VERT CONNELL C4-5 - Wellbore #1 - Wellbore #	5,890.82	5,754.39	4,135.70	4,118.75	243.989	CC
EXIST VERT CONNELL C4-5 - Wellbore #1 - Wellbore #	6,300.00	6,100.00	4,139.05	4,118.42	200.686	ES
EXIST VERT CONNELL C4-5 - Wellbore #1 - Wellbore #	12,535.96	6,800.00	9,985.52	9,826.45	62.774	SF
EXIST VERT EHRLICH 1 - Wellbore #1 - Wellbore #1	4,793.66	4,648.83	5,673.34	5,657.62	360.918	CC
EXIST VERT EHRLICH 1 - Wellbore #1 - Wellbore #1	6,300.00	6,122.81	5,675.27	5,655.02	280.189	ES
EXIST VERT EHRLICH 1 - Wellbore #1 - Wellbore #1	11,000.00	6,800.00	9,982.16	9,916.31	151.599	SF
EXIST VERT KUIS C5-1 - Wellbore #1 - Wellbore #1	5,607.49	5,470.74	3,243.75	3,229.31	224.527	CC
EXIST VERT KUIS C5-1 - Wellbore #1 - Wellbore #1	6,300.00	6,153.22	3,247.93	3,225.99	148.075	ES
EXIST VERT KUIS C5-1 - Wellbore #1 - Wellbore #1	13,251.83	6,740.03	9,601.64	9,422.51	53.602	SF
EXIST VERT KUIS C5-2 - Wellbore #1 - Wellbore #1	3,007.91	2,907.96	2,097.14	2,083.81	157.286	CC
EXIST VERT KUIS C5-2 - Wellbore #1 - Wellbore #1	3,100.00	2,984.71	2,097.50	2,083.71	152.074	ES
EXIST VERT KUIS C5-2 - Wellbore #1 - Wellbore #1	13,251.83	6,700.00	8,307.97	8,129.01	46.423	SF
EXIST VERT KUIS C5-7 - Wellbore #1 - Wellbore #1	4,581.69	4,443.31	1,717.34	1,699.86	98.232	CC, ES
EXIST VERT KUIS C5-7 - Wellbore #1 - Wellbore #1	12,565.96	6,762.33	7,617.38	7,458.38	47.907	SF
EXIST VERT NICMOTH C5-19 - Wellbore #1 - Wellbore	1,846.36	1,793.26	86.16	78.69	11.541	CC, ES
EXIST VERT NICMOTH C5-19 - Wellbore #1 - Wellbore	1,900.00	1,845.89	86.86	79.14	11.251	SF
EXIST VERT NIKOLORIC 11-5 - Wellbore #1 - Wellbore	100.00	75.74	654.03	653.86	3,977.793	CC
EXIST VERT NIKOLORIC 11-5 - Wellbore #1 - Wellbore	300.00	277.01	654.47	653.64	789.510	ES
EXIST VERT NIKOLORIC 11-5 - Wellbore #1 - Wellbore	9,200.00	6,650.00	2,011.74	1,945.05	30.167	SF
EXIST VERT NIKOLORIC C5-5 - Wellbore #1 - Wellbore	7,629.33	6,902.86	102.46	74.83	3.709	CC, ES, SF
EXIST VERT SITZMAN 1 - Wellbore #1 - Wellbore #1	6,298.49	6,282.05	7,058.96	7,037.57	330.053	CC, ES
EXIST VERT SITZMAN 1 - Wellbore #1 - Wellbore #1	9,600.00	6,750.00	9,931.07	9,853.06	127.305	SF
EXIST VERT SITZMAN 2 - Wellbore #1 - Wellbore #1	4,855.32	4,700.00	8,340.04	8,324.74	545.113	CC
EXIST VERT SITZMAN 2 - Wellbore #1 - Wellbore #1	6,284.54	6,136.70	8,341.77	8,321.45	410.412	ES
EXIST VERT SITZMAN 2 - Wellbore #1 - Wellbore #1	6,450.00	6,291.12	8,360.82	8,340.36	408.653	SF
EXIST VERT SITZMAN 4-1I4 - Wellbore #1 - Wellbore #	5,722.43	5,574.12	8,551.13	8,535.41	543.964	CC
EXIST VERT SITZMAN 4-1I4 - Wellbore #1 - Wellbore #	6,300.00	6,096.05	8,554.71	8,533.59	405.046	ES
EXIST VERT SITZMAN 4-1I4 - Wellbore #1 - Wellbore #	8,100.00	6,700.00	9,949.96	9,911.71	260.178	SF
EXIST VERT SITZMAN 4-7I4 - Wellbore #1 - Wellbore #	6,298.48	6,300.00	6,981.90	6,961.45	341.303	CC, ES
EXIST VERT SITZMAN 4-7I4 - Wellbore #1 - Wellbore #	9,700.00	6,700.00	9,986.51	9,946.40	248.970	SF
EXIST VERT SITZMAN C4-17 - Wellbore #1 - Wellbore #	6,286.41	6,159.37	7,579.91	7,558.81	359.178	CC, ES
EXIST VERT SITZMAN C4-17 - Wellbore #1 - Wellbore #	9,100.00	6,750.00	9,980.43	9,918.16	160.293	SF
EXIST VERT SITZMAN C4-22 - Wellbore #1 - Design #1	6,283.91	6,142.85	7,662.75	7,523.19	54.909	CC
EXIST VERT SITZMAN C4-22 - Wellbore #1 - Design #1	6,300.00	6,158.94	7,662.93	7,521.41	54.148	ES
EXIST VERT SITZMAN C4-22 - Wellbore #1 - Design #1	9,000.00	6,840.50	9,963.78	9,768.95	51.142	SF
EXIST VERT SITZMAN C4-27 - Wellbore #1 - Wellbore #	5,564.76	5,400.00	7,824.56	7,809.39	516.003	CC
EXIST VERT SITZMAN C4-27 - Wellbore #1 - Wellbore #	6,300.00	6,065.25	7,828.58	7,807.34	368.608	ES
EXIST VERT SITZMAN C4-27 - Wellbore #1 - Wellbore #	8,900.00	6,750.00	9,996.95	9,937.66	168.606	SF
EXIST VERT SITZMAN C4-28 - Wellbore #1 - Wellbore #	4,312.24	3,946.15	6,719.66	6,700.84	356.927	CC, ES

Company:	PDC ENERGY	**Local Co-ordinate Reference:**	Well WILMOTH W 5A-334
Project:	WELD COUNTY, COLORADO (TRUE)	**TVD Reference:**	KB-EST @ 4762.00usft (Original Well Elev)
Reference Site:	NW NW SEC. 5 T4N R64W 6th P.M.	**MD Reference:**	KB-EST @ 4762.00usft (Original Well Elev)
Site Error:	0.00 usft	**North Reference:**	True
Reference Well:	WILMOTH W 5A-334	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	**Database:**	EDM 5000.1 Single User Db
Reference Design:	PROPOSAL #4	**Offset TVD Reference:**	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 NW SEC. 5 T4N R64W 6th P.M.						
EXIST VERT SITZMAN C4-28 - Wellbore #1 - Wellbore #	10,000.00	6,523.96	9,960.37	9,871.82	112.492	SF
EXIST VERT SMITH-REEVES 42-5 - Wellbore #1 - Well	4,600.00	4,472.95	3,089.78	3,071.83	172.155	ES
EXIST VERT SMITH-REEVES 42-5 - Wellbore #1 - Well	4,767.17	4,636.25	3,089.50	3,074.20	201.967	CC
EXIST VERT SMITH-REEVES 42-5 - Wellbore #1 - Well	12,928.57	6,550.00	9,333.93	9,177.39	59.628	SF
EXIST VERT STATE SCHMIDT 36-3 - Wellbore #1 - We	13,251.83	6,878.76	2,603.22	2,422.99	14.444	CC, ES, SF
EXIST VERT WILMOTH 6-1 - Wellbore #1 - Wellbore #1	10,116.52	6,906.00	126.68	33.79	1.364	Level 3, CC, ES, SF
EXIST VERT WILMOTH 6-14 - Wellbore #1 - Wellbore #	8,861.24	6,907.48	237.82	179.23	4.059	CC, ES
EXIST VERT WILMOTH 6-14 - Wellbore #1 - Wellbore #	8,900.00	6,907.72	240.96	181.33	4.041	SF
EXIST VERT WILMOTH 6-2 - Wellbore #1 - Wellbore #1	8,849.99	6,905.58	925.52	866.93	15.799	CC, ES
EXIST VERT WILMOTH 6-2 - Wellbore #1 - Wellbore #1	9,200.00	6,891.90	989.39	921.38	14.546	SF
EXIST VERT WILMOTH 6-3 - Wellbore #1 - Wellbore #1	10,172.72	6,907.51	1,190.19	1,095.65	12.590	CC
EXIST VERT WILMOTH 6-3 - Wellbore #1 - Wellbore #1	10,200.00	6,906.98	1,190.50	1,095.21	12.493	ES
EXIST VERT WILMOTH 6-3 - Wellbore #1 - Wellbore #1	10,600.00	6,899.18	1,264.53	1,158.17	11.889	SF
EXIST VERT WILMOTH C5-18 - Wellbore #1 - Wellbore	4,600.00	4,485.42	1,034.55	1,014.74	52.215	ES
EXIST VERT WILMOTH C5-18 - Wellbore #1 - Wellbore	4,723.73	4,602.31	1,034.13	1,021.39	81.205	CC
EXIST VERT WILMOTH C5-18 - Wellbore #1 - Wellbore	12,928.57	6,700.00	7,152.16	6,984.12	42.560	SF
EXIST VERT WILMOTH C5-6 - Wellbore #1 - Wellbore #	4,565.48	4,446.77	415.10	399.15	26.026	CC
EXIST VERT WILMOTH C5-6 - Wellbore #1 - Wellbore #	4,611.91	4,492.20	415.44	398.30	24.230	ES
EXIST VERT WILMOTH C5-6 - Wellbore #1 - Wellbore #	6,283.91	6,172.49	440.03	420.91	23.006	SF
EXIST VERT WILMOTH PM C5-3 - Wellbore #1 - Wellbo	100.00	58.64	1,144.66	1,144.52	8,484.565	CC
EXIST VERT WILMOTH PM C5-3 - Wellbore #1 - Wellbo	300.00	256.11	1,145.23	1,144.42	1,412.944	ES
EXIST VERT WILMOTH PM C5-3 - Wellbore #1 - Wellbo	13,251.83	6,700.00	7,166.82	6,987.96	40.071	SF
WILMOTH E 5A-202 - ORIGINAL WELLBORE - PROPO	300.00	299.00	134.91	133.84	126.097	CC, ES
WILMOTH E 5A-202 - ORIGINAL WELLBORE - PROPO	6,700.00	7,535.40	767.87	724.22	17.592	SF
WILMOTH E 5A-232 - ORIGINAL WELLBORE - PROPO	300.00	299.00	105.69	104.62	98.783	CC
WILMOTH E 5A-232 - ORIGINAL WELLBORE - PROPO	6,950.00	7,433.79	107.91	67.23	2.653	SF
WILMOTH E 5A-232 - ORIGINAL WELLBORE - PROPO	6,984.51	7,405.49	106.07	66.09	2.653	ES
WILMOTH E 5A-302 - ORIGINAL WELLBORE - PROPO	300.00	299.00	120.25	119.18	112.399	CC, ES
WILMOTH E 5A-302 - ORIGINAL WELLBORE - PROPO	7,000.00	7,420.15	356.66	316.77	8.942	SF
WILMOTH E 5A-312 - ORIGINAL WELLBORE - PROPO	300.00	299.00	149.47	148.40	139.710	CC, ES
WILMOTH E 5A-312 - ORIGINAL WELLBORE - PROPO	8,200.00	6,637.80	1,238.08	1,183.53	22.693	SF
WILMOTH E 5J-232 - ORIGINAL WELLBORE - PROPO	300.00	299.00	164.05	162.98	153.330	CC, ES
WILMOTH E 5J-232 - ORIGINAL WELLBORE - PROPO	9,200.00	6,450.00	2,198.85	2,119.03	27.546	SF
WILMOTH E 5K-312 - ORIGINAL WELLBORE - PROPO	300.00	299.00	89.67	88.60	83.810	CC, ES
WILMOTH E 5K-312 - ORIGINAL WELLBORE - PROPO	7,150.00	7,385.00	141.38	101.95	3.586	SF
WILMOTH W 5A-204 - ORIGINAL WELLBORE - PROPC	300.00	300.00	14.57	13.50	13.592	CC
WILMOTH W 5A-204 - ORIGINAL WELLBORE - PROPC	13,251.83	13,135.26	283.37	-69.91	0.802	Level 1, ES, SF
WILMOTH W 5A-214 - ORIGINAL WELLBORE - PROPC	300.00	300.00	43.72	42.64	40.776	CC, ES
WILMOTH W 5A-214 - ORIGINAL WELLBORE - PROPC	13,251.83	13,150.85	805.55	447.79	2.252	SF
WILMOTH W 5A-304 - ORIGINAL WELLBORE - PROPC	300.00	300.00	29.14	28.07	27.184	CC, ES
WILMOTH W 5A-304 - ORIGINAL WELLBORE - PROPC	13,251.83	13,232.43	537.21	180.55	1.506	SF
WILMOTH W 5A-314 - ORIGINAL WELLBORE - PROPC	300.00	299.00	58.36	57.29	54.544	CC, ES
WILMOTH W 5A-314 - ORIGINAL WELLBORE - PROPC	13,251.83	13,268.60	1,116.93	759.28	3.123	SF
WILMOTH W 5J-234 - ORIGINAL WELLBORE - PROPC	300.00	299.00	72.91	71.85	68.152	CC, ES
WILMOTH W 5J-234 - ORIGINAL WELLBORE - PROPC	13,251.83	13,234.40	1,475.71	1,117.46	4.119	SF