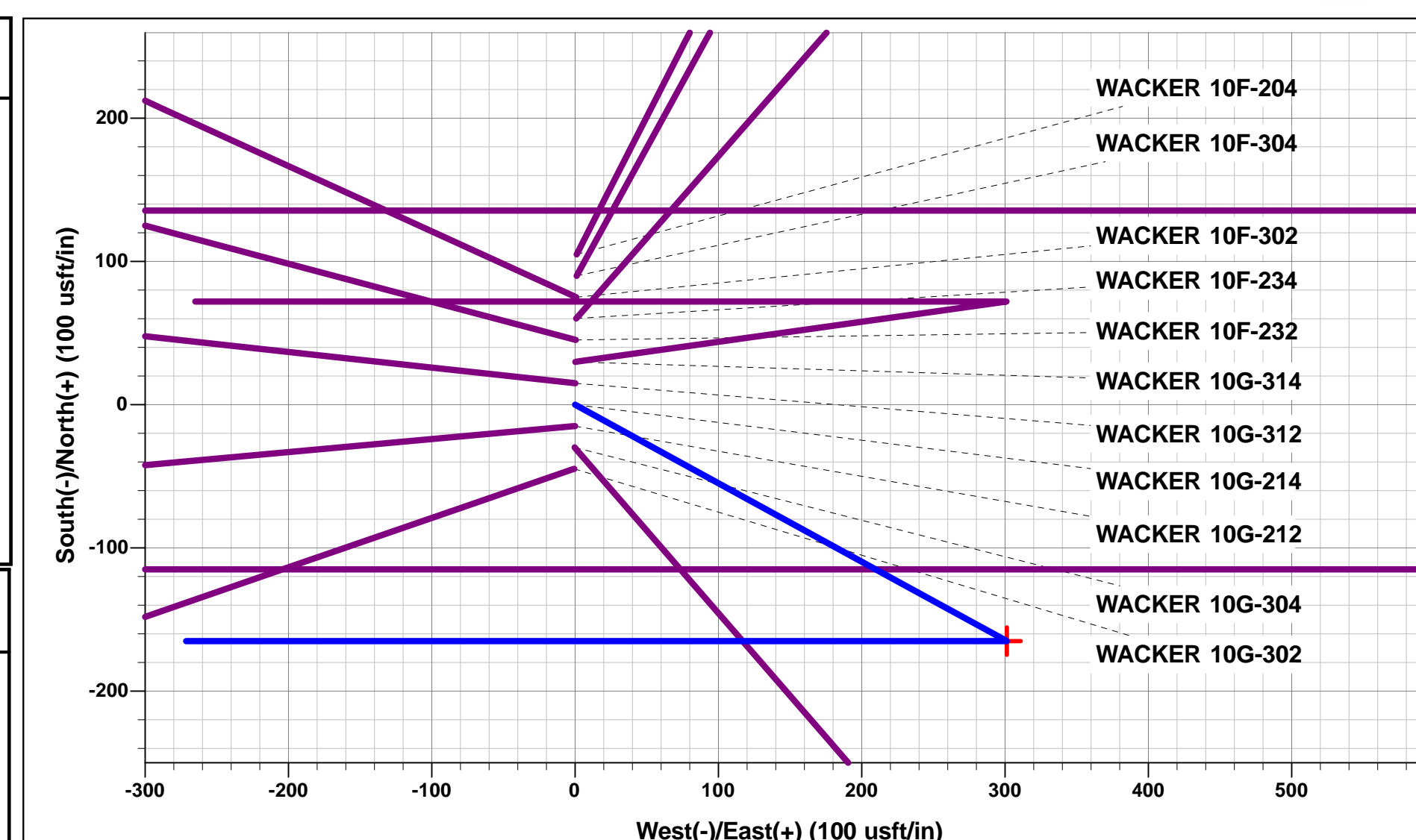


ANNOTATIONS									
TVD	MD	Inc	Azi	+N/-S	+E/-W	VSect	Dep	Annotation	
0.0	0.0	0.00	0.00	0.0	0.0	0.0	0.0	SHL: 2122ft FNL & 396ft FWL of Sec 10	
1300.0	1300.0	0.00	0.00	0.0	0.0	0.0	0.0	START NUDGE (2°/100ft BUR)	
1895.5	1899.9	12.00	118.72	-30.1	54.9	-54.4	62.6	EOB TO 12° INC	
2923.3	2950.6	12.00	118.72	-135.0	246.4	-244.3	281.0	END OF TANGENT	
3518.8	3550.5	0.00	0.00	-165.1	301.3	-298.7	343.6	EOD TO VERTICAL	
5937.8	5969.5	0.00	0.00	-165.1	301.3	-298.7	343.6	KOP (8°/100ft BUR)	
6654.0	7094.5	90.00	270.00	-165.1	-414.9	417.4	1059.8	LANDING PNT *NEW*: 2285.6ft FNL & 20ft FEL of Sec 9	
6654.0	17487.5	90.00	270.00	-165.1	-10807.9	10809.2	11452.8	BHL *NEW*: 2260ft FNL & 150ft FWL of Sec 8	
WELLBORE TARGET DETAILS (LAT/LONG)									
Name	TVD	+N/-S	+E/-W	Latitude	Longitude				
KOP - WACKER 10G-214 (P2)	5937.8	-165.1	301.3	40.414726	-104.543160				
LANDING PNT *NEW* - WACKER 10G-214 (P2)	6654.0	-165.1	-414.9	40.414726	-104.545732				
BHL - WACKER 10G-214 (P2)	6654.0	-165.1	-10807.9	40.414719	-104.583055				

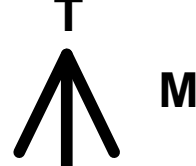


PROPOSED LOCAL COORDINATES:

SHL: 2122ft FNL & 396ft FWL of Sec 10

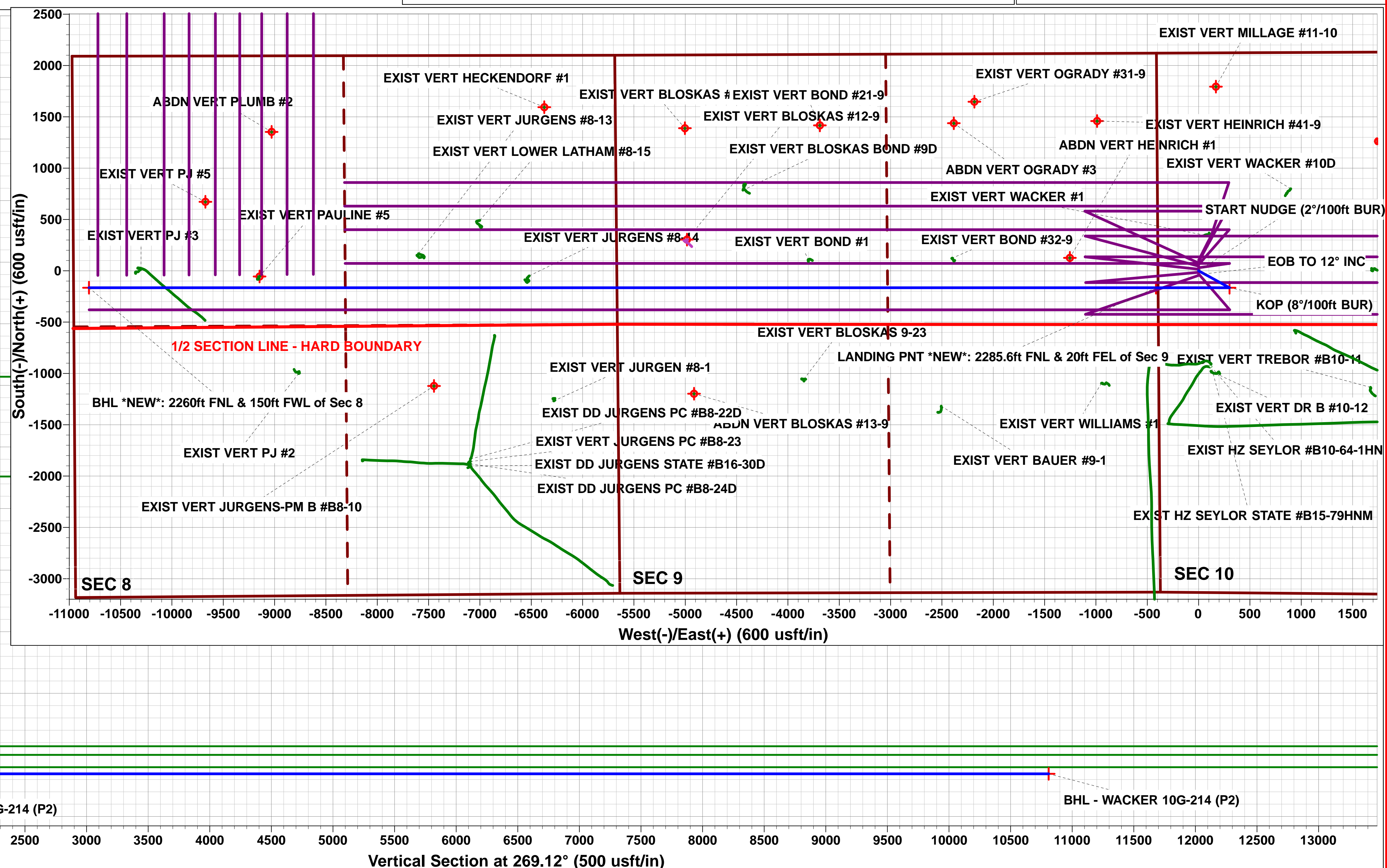
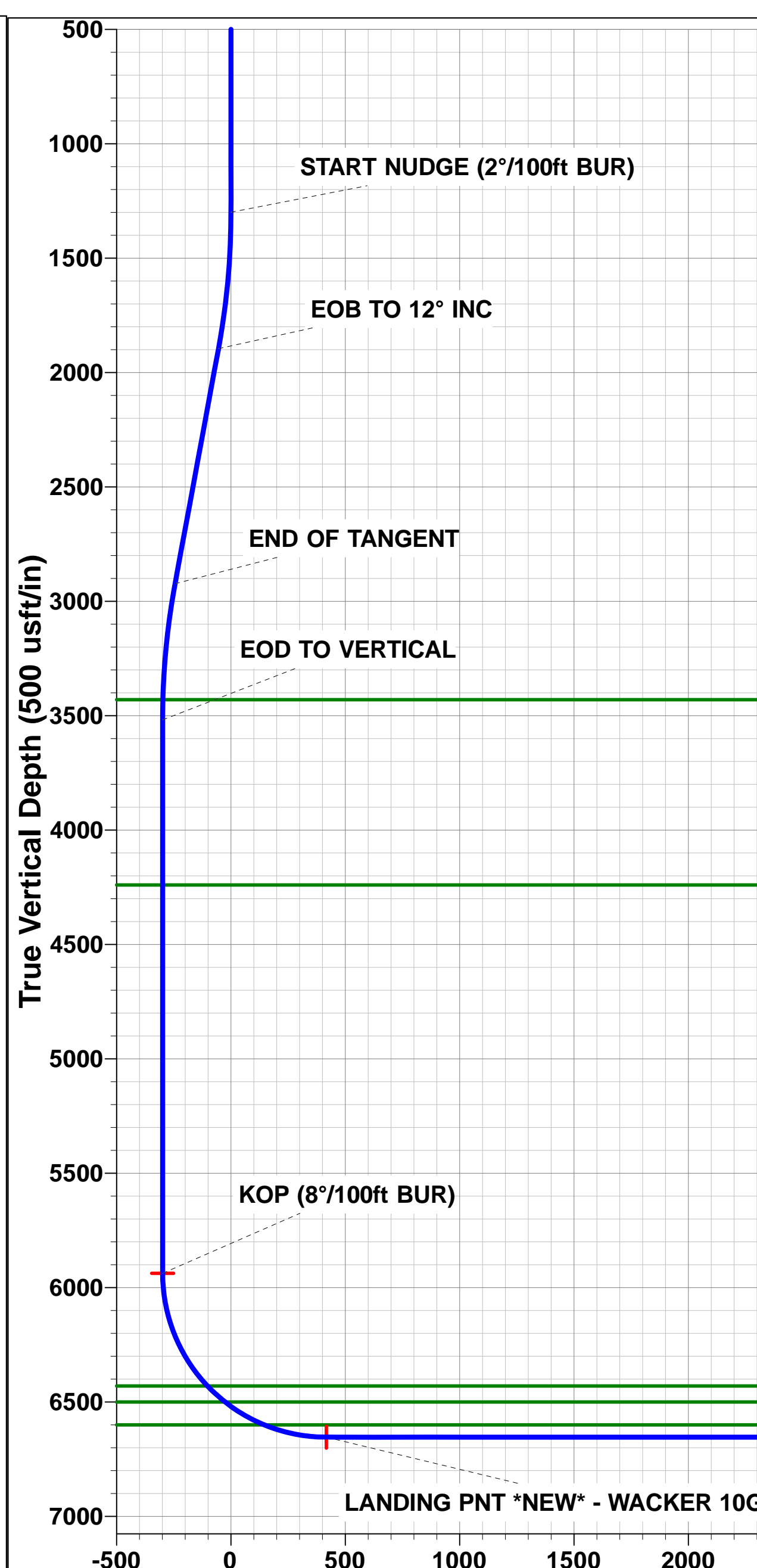
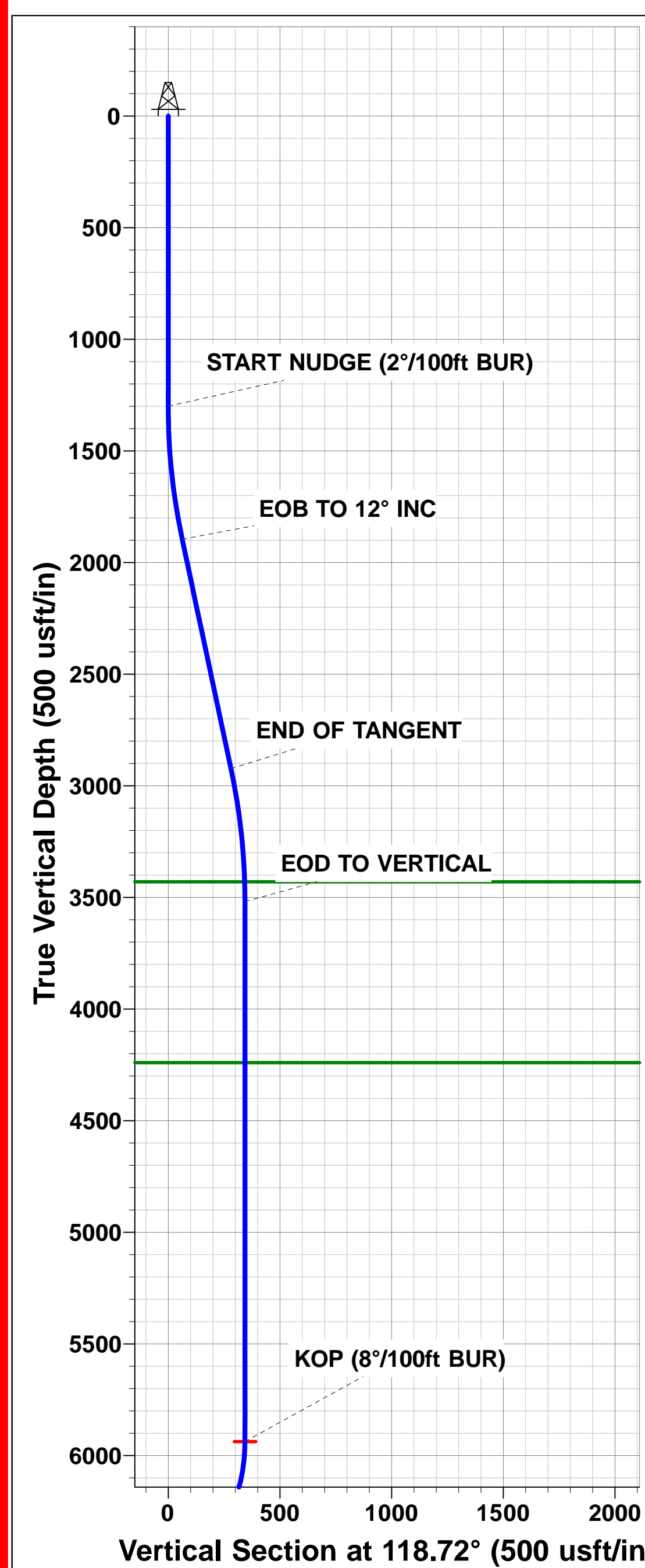
HZ LP *NEW*: 2285.6ft FNL & 20ft FEL of Sec 9

BHL: 2260ft FNL & 150ft FWL of Sec 8



Azimuths to True North
Magnetic North: 8.13°

Magnetic Field
Strength: 52464.6snT
Dip Angle: 66.91°
Date: 10/02/2017
Model: IGRF2015



PDC ENERGY

**WELD COUNTY, COLORADO
SW NW SEC. 10 T5N R64W 6th P.M.
WACKER 10G-214**

**ORIGINAL WELLBORE
PROPOSAL #2**

Anticollision Report

13 February, 2017



Anticollision Report



Company:	PDC ENERGY	Local Co-ordinate Reference:	Well WACKER 10G-214
Project:	WELD COUNTY, COLORADO	TVD Reference:	KB-EST @ 4634.0usft
Reference Site:	SW NW SEC. 10 T5N R64W 6th P.M.	MD Reference:	KB-EST @ 4634.0usft
Site Error:	0.0 usft	North Reference:	True
Reference Well:	WACKER 10G-214	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	Database:	EDM 5000.1 Single User Db
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 100.0usft	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 10,000.0 us	Error Surface:	Elliptical Conic
Warning Levels Evaluated at:	2.00 Sigma	Casing Method:	Not applied

Survey Tool Program	Date	13/02/2017		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.0	17,487.5	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
NW NW SEC. 5 T5N R64W 6th P.M.						
EHRlich 5E-323 - ORIGINAL WELLBORE - PROPOSA	17,120.1	13,911.7	151.1	-130.6	0.536	Level 1, CC, ES, SF
EHRlich 5E-423 - ORIGINAL WELLBORE - PROPOSA	17,401.1	14,016.1	233.3	13.8	1.063	Level 2, CC, ES, SF
EHRlich 5J-203 - ORIGINAL WELLBORE - PROPOSA	16,256.9	13,807.9	125.9	-163.2	0.436	Level 1, CC, ES, SF
EHRlich 5J-223 - ORIGINAL WELLBORE - PROPOSA	15,806.1	13,847.9	127.9	-152.5	0.456	Level 1, CC, ES, SF
EHRlich 5J-243 - ORIGINAL WELLBORE - PROPOSA	16,755.9	13,804.7	124.7	-177.3	0.413	Level 1, CC, ES, SF
EHRlich 5J-303 - ORIGINAL WELLBORE - PROPOSA	16,513.1	13,875.0	151.0	-115.7	0.566	Level 1, CC, ES, SF
EHRlich 5J-323 - ORIGINAL WELLBORE - PROPOSA	16,019.9	13,900.1	152.9	-107.3	0.588	Level 1, CC, ES, SF
EHRlich 5M-243 - ORIGINAL WELLBORE - PROPOSA	15,302.1	14,034.1	130.3	-143.7	0.476	Level 1, CC, ES, SF
EHRlich 5M-343 - ORIGINAL WELLBORE - PROPOSA	15,558.0	13,995.7	152.2	-100.2	0.603	Level 1, CC, ES, SF
SW NW SEC. 10 T5N R64W 6th P.M.						
ABDN VERT BLOSKAS #13-9 - Wellbore #1 - Design #1	11,594.1	6,611.0	1,032.6	758.5	3.767	CC
ABDN VERT BLOSKAS #13-9 - Wellbore #1 - Design #1	11,600.0	6,611.0	1,032.7	758.3	3.764	ES
ABDN VERT BLOSKAS #13-9 - Wellbore #1 - Design #1	11,700.0	6,611.0	1,038.1	760.9	3.746	SF
ABDN VERT HEINRICH #1 - Wellbore #1 - Design #1	7,933.5	6,623.0	291.2	118.7	1.688	CC, ES, SF
ABDN VERT OGRADY #3 - Wellbore #1 - Design #1	9,063.9	6,649.0	1,602.8	1,399.6	7.887	CC
ABDN VERT OGRADY #3 - Wellbore #1 - Design #1	9,100.0	6,649.0	1,603.2	1,399.0	7.851	ES
ABDN VERT OGRADY #3 - Wellbore #1 - Design #1	9,400.0	6,649.0	1,637.7	1,425.2	7.708	SF
ABDN VERT PLUMB #2 - Wellbore #1 - Design #1	15,708.1	6,619.0	1,518.3	1,128.8	3.898	CC, ES
ABDN VERT PLUMB #2 - Wellbore #1 - Design #1	15,900.0	6,619.0	1,530.4	1,135.5	3.875	SF
EXIST DD JURGENS PC #B8-22D - Wellbore #1 - Wellb	13,534.3	6,787.2	466.8	253.7	2.190	CC, ES, SF
EXIST DD JURGENS PC #B8-24D - Wellbore #1 - Wellb	14,824.6	6,774.6	1,687.5	1,430.6	6.569	CC
EXIST DD JURGENS PC #B8-24D - Wellbore #1 - Wellb	14,900.0	6,774.6	1,689.2	1,430.2	6.522	ES
EXIST DD JURGENS PC #B8-24D - Wellbore #1 - Wellb	15,100.0	6,774.6	1,709.9	1,445.2	6.462	SF
EXIST DD JURGENS STATE #B16-30D - Wellbore #1 -	12,394.7	6,920.2	2,898.1	2,702.9	14.851	CC
EXIST DD JURGENS STATE #B16-30D - Wellbore #1 -	12,500.0	6,918.3	2,900.0	2,701.9	14.640	ES
EXIST DD JURGENS STATE #B16-30D - Wellbore #1 -	13,600.0	6,897.6	3,138.6	2,909.7	13.714	SF
EXIST DD PETERSON B #10-24D - Wellbore #1 - Wellb	3,163.9	2,852.9	2,242.8	2,228.7	158.515	CC, ES
EXIST DD PETERSON B #10-24D - Wellbore #1 - Wellb	14,400.0	6,615.9	9,990.7	9,755.9	42.562	SF
EXIST DD PJ #8I - Wellbore #1 - Wellbore #1	16,357.6	6,699.8	317.6	23.6	1.080	Level 2, CC, ES, SF
EXIST DD WACKER B #10-20D - Wellbore #1 - Wellbore	5,969.5	6,095.4	755.3	715.5	18.950	ES, SF
EXIST DD WACKER B #10-20D - Wellbore #1 - Wellbore	5,972.9	6,097.9	755.3	727.6	27.205	CC
EXIST HZ KELLY #B11-63-1HN - Wellbore #1 - Wellbore	3,241.0	2,806.0	3,928.8	3,914.3	272.148	CC, ES
EXIST HZ KELLY #B11-63-1HN - Wellbore #1 - Wellbore	12,500.0	5,938.0	9,933.2	9,763.7	58.619	SF
EXIST HZ MAX #B11-64-1HN - Wellbore #1 - Wellbore #	3,327.7	2,997.0	3,819.8	3,806.5	285.835	CC, ES
EXIST HZ MAX #B11-64-1HN - Wellbore #1 - Wellbore #	12,600.0	5,937.0	9,929.5	9,765.6	60.598	SF
EXIST HZ SEYLLOR #B10-64-1HN - Wellbore #1 - Wellb	2,164.5	2,054.2	896.9	887.8	98.500	CC

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

Anticollision Report



Company:	PDC ENERGY	Local Co-ordinate Reference:	Well WACKER 10G-214
Project:	WELD COUNTY, COLORADO	TVD Reference:	KB-EST @ 4634.0usft
Reference Site:	SW NW SEC. 10 T5N R64W 6th P.M.	MD Reference:	KB-EST @ 4634.0usft
Site Error:	0.0 usft	North Reference:	True
Reference Well:	WACKER 10G-214	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	Database:	EDM 5000.1 Single User Db
Reference Design:	PROPOSAL #2	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
SW NW SEC. 10 T5N R64W 6th P.M.						
EXIST HZ SEYLR #B10-64-1HN - Wellbore #1 - Wellbore	2,200.0	2,081.1	897.1	887.8	96.473	ES
EXIST HZ SEYLR #B10-64-1HN - Wellbore #1 - Wellbore	8,500.0	6,175.8	2,113.8	2,046.5	31.382	SF
EXIST HZ SEYLR STATE #B15-79HNM - Wellbore #1	2,620.2	2,553.0	843.7	831.3	68.114	CC, ES
EXIST HZ SEYLR STATE #B15-79HNM - Wellbore #1	7,900.0	6,331.0	1,171.7	1,118.4	21.980	SF
EXIST VERT BAUER #9-1 - Wellbore #1 - Wellbore #1	9,220.6	6,608.0	1,213.5	1,134.9	15.443	CC, ES
EXIST VERT BAUER #9-1 - Wellbore #1 - Wellbore #1	9,700.0	6,610.5	1,304.7	1,212.9	14.210	SF
EXIST VERT BLOSKAS #1 - Wellbore #1 - Design #1	11,682.9	6,622.0	1,554.0	1,278.3	5.636	CC
EXIST VERT BLOSKAS #1 - Wellbore #1 - Design #1	11,700.0	6,622.0	1,554.1	1,277.9	5.626	ES
EXIST VERT BLOSKAS #1 - Wellbore #1 - Design #1	11,900.0	6,622.0	1,569.1	1,287.3	5.568	SF
EXIST VERT BLOSKAS #12-9 - Wellbore #1 - Wellbore	11,619.6	6,633.3	404.8	260.0	2.795	CC, ES, SF
EXIST VERT BLOSKAS #9-23 - Wellbore #1 - Wellbore	10,505.7	6,596.8	891.5	777.7	7.837	CC, ES
EXIST VERT BLOSKAS #9-23 - Wellbore #1 - Wellbore	10,700.0	6,597.5	912.4	793.3	7.657	SF
EXIST VERT BLOSKAS BOND #9D - Wellbore #1 - Wellbore	11,063.2	6,637.0	925.2	795.9	7.157	CC
EXIST VERT BLOSKAS BOND #9D - Wellbore #1 - Wellbore	11,100.0	6,634.9	925.9	795.6	7.106	ES
EXIST VERT BLOSKAS BOND #9D - Wellbore #1 - Wellbore	11,200.0	6,629.3	935.2	802.1	7.026	SF
EXIST VERT BOND #1 - Wellbore #1 - Wellbore #1	10,445.1	6,617.6	268.4	156.5	2.398	CC, ES, SF
EXIST VERT BOND #21-9 - Wellbore #1 - Design #1	10,368.4	6,630.0	1,581.8	1,342.7	6.615	CC
EXIST VERT BOND #21-9 - Wellbore #1 - Design #1	10,400.0	6,630.0	1,582.1	1,342.1	6.592	ES
EXIST VERT BOND #21-9 - Wellbore #1 - Design #1	10,700.0	6,630.0	1,616.2	1,367.8	6.507	SF
EXIST VERT BOND #32-9 - Wellbore #1 - Wellbore #1	9,054.2	6,600.0	266.1	192.9	3.636	CC, ES
EXIST VERT BOND #32-9 - Wellbore #1 - Wellbore #1	9,100.0	6,600.0	270.0	195.5	3.627	SF
EXIST VERT DR B #10-12 - Wellbore #1 - Wellbore #1	5,309.8	5,241.3	826.0	812.6	61.603	CC, ES
EXIST VERT DR B #10-12 - Wellbore #1 - Wellbore #1	16,300.0	6,500.0	9,860.2	9,586.5	36.017	SF
EXIST VERT HECKENDORF #1 - Wellbore #1 - Design	13,052.6	6,623.0	1,758.7	1,444.6	5.599	CC
EXIST VERT HECKENDORF #1 - Wellbore #1 - Design	13,100.0	6,623.0	1,759.3	1,443.9	5.578	ES
EXIST VERT HECKENDORF #1 - Wellbore #1 - Design	13,300.0	6,623.0	1,776.0	1,455.0	5.532	SF
EXIST VERT HEINRICH #41-9 - Wellbore #1 - Design #1	7,668.1	6,648.0	1,623.8	1,457.9	9.788	CC
EXIST VERT HEINRICH #41-9 - Wellbore #1 - Design #1	7,700.0	6,648.0	1,624.1	1,457.4	9.743	ES
EXIST VERT HEINRICH #41-9 - Wellbore #1 - Design #1	8,100.0	6,648.0	1,680.3	1,503.2	9.488	SF
EXIST VERT JURGENS #8-1 - Wellbore #1 - Wellbore #1	12,950.3	6,590.4	1,093.8	911.8	6.012	CC
EXIST VERT JURGENS #8-1 - Wellbore #1 - Wellbore #1	13,000.0	6,589.5	1,094.9	911.6	5.973	ES
EXIST VERT JURGENS #8-1 - Wellbore #1 - Wellbore #1	13,100.0	6,587.8	1,104.0	917.8	5.931	SF
EXIST VERT JURGENS #8-13 - Wellbore #1 - Wellbore	14,292.5	6,608.5	312.9	93.2	1.424	Level 3, CC
EXIST VERT JURGENS #8-13 - Wellbore #1 - Wellbore	14,300.0	6,608.6	313.0	93.1	1.424	Level 3, ES, SF
EXIST VERT JURGENS #8-14 - Wellbore #1 - Wellbore	13,242.0	6,600.0	78.9	-110.7	0.416	Level 1, CC, ES, SF
EXIST VERT JURGENS PC #B8-23 - Wellbore #1 - Wellbore	13,796.9	6,591.6	1,753.2	1,547.2	8.510	CC
EXIST VERT JURGENS PC #B8-23 - Wellbore #1 - Wellbore	13,800.0	6,591.6	1,753.2	1,547.1	8.506	ES
EXIST VERT JURGENS PC #B8-23 - Wellbore #1 - Wellbore	14,200.0	6,600.0	1,799.0	1,581.6	8.277	SF
EXIST VERT JURGENS PM B #B8-10 - Wellbore #1 - D	14,126.8	6,633.0	956.6	612.3	2.778	CC, ES
EXIST VERT JURGENS PM B #B8-10 - Wellbore #1 - D	14,200.0	6,633.0	959.4	613.0	2.770	SF
EXIST VERT LOWER LATHAM #8-15 - Wellbore #1 - W	13,680.3	6,594.0	602.0	399.4	2.971	CC
EXIST VERT LOWER LATHAM #8-15 - Wellbore #1 - W	13,700.0	6,594.2	602.3	399.2	2.965	ES, SF
EXIST VERT MILLAGE #11-10 - Wellbore #1 - Design #1	1,300.0	1,285.0	1,801.8	1,773.5	63.735	CC
EXIST VERT MILLAGE #11-10 - Wellbore #1 - Design #1	1,500.0	1,484.8	1,804.5	1,771.9	55.227	ES
EXIST VERT MILLAGE #11-10 - Wellbore #1 - Design #1	7,050.0	6,637.6	2,031.7	1,877.9	13.211	SF
EXIST VERT OGRADY #31-9 - Wellbore #1 - Design #1	8,863.7	6,640.0	1,812.3	1,614.6	9.169	CC
EXIST VERT OGRADY #31-9 - Wellbore #1 - Design #1	8,900.0	6,640.0	1,812.6	1,614.0	9.125	ES
EXIST VERT OGRADY #31-9 - Wellbore #1 - Design #1	9,300.0	6,640.0	1,864.0	1,654.4	8.892	SF
EXIST VERT PAULINE #5 - Wellbore #1 - Wellbore #1	15,847.6	6,613.2	83.8	-179.5	0.318	Level 1, CC, ES, SF
EXIST VERT PJ #2 - Wellbore #1 - Wellbore #1	15,489.7	6,400.0	823.3	577.3	3.346	CC
EXIST VERT PJ #2 - Wellbore #1 - Wellbore #1	15,500.0	6,400.0	823.4	577.1	3.343	ES
EXIST VERT PJ #2 - Wellbore #1 - Wellbore #1	15,600.0	6,400.0	830.7	581.6	3.336	SF
EXIST VERT PJ #3 - Wellbore #1 - Wellbore #1	17,032.5	6,500.0	181.0	-55.7	0.765	Level 1, CC, ES, SF

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

Anticollision Report



Company:	PDC ENERGY	Local Co-ordinate Reference:	Well WACKER 10G-214
Project:	WELD COUNTY, COLORADO	TVD Reference:	KB-EST @ 4634.0usft
Reference Site:	SW NW SEC. 10 T5N R64W 6th P.M.	MD Reference:	KB-EST @ 4634.0usft
Site Error:	0.0 usft	North Reference:	True
Reference Well:	WACKER 10G-214	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	Database:	EDM 5000.1 Single User Db
Reference Design:	PROPOSAL #2	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
SW NW SEC. 10 T5N R64W 6th P.M.						
EXIST VERT PJ #5 - Wellbore #1 - Design #1	16,353.3	6,627.0	837.3	430.6	2.059	CC
EXIST VERT PJ #5 - Wellbore #1 - Design #1	16,400.0	6,627.0	838.6	430.6	2.055	ES, SF
EXIST VERT SLW RANCH #1-10 - Wellbore #1 - Wellbo	5,969.5	6,000.0	3,777.5	3,761.9	242.446	ES
EXIST VERT SLW RANCH #1-10 - Wellbore #1 - Wellbo	5,986.9	6,023.0	3,777.3	3,762.8	260.503	CC
EXIST VERT SLW RANCH #1-10 - Wellbore #1 - Wellbo	12,600.0	6,666.4	9,960.2	9,788.2	57.931	SF
EXIST VERT TREBOR #B10-11 - Wellbore #1 - Wellbore	3,944.9	3,881.4	1,692.3	1,680.4	142.171	CC
EXIST VERT TREBOR #B10-11 - Wellbore #1 - Wellbore	4,000.0	3,934.2	1,692.4	1,680.4	140.855	ES
EXIST VERT TREBOR #B10-11 - Wellbore #1 - Wellbore	14,900.0	6,200.0	9,979.6	9,757.7	44.980	SF
EXIST VERT TREBOR B #10-10 - Wellbore #1 - Wellbor	3,533.6	3,458.3	2,690.5	2,681.5	299.440	CC
EXIST VERT TREBOR B #10-10 - Wellbore #1 - Wellbor	3,550.5	3,476.5	2,690.5	2,679.6	246.092	ES
EXIST VERT TREBOR B #10-10 - Wellbore #1 - Wellbor	13,800.0	6,591.9	9,994.0	9,788.3	48.582	SF
EXIST VERT WACKER #1 - Wellbore #1 - Wellbore #1	1,325.6	1,303.7	348.5	345.0	97.818	CC, ES
EXIST VERT WACKER #1 - Wellbore #1 - Wellbore #1	6,850.0	6,590.9	601.1	581.9	31.278	SF
EXIST VERT WACKER #10D - Wellbore #1 - Wellbore #	5,985.1	5,943.1	1,065.1	1,048.5	64.222	CC, ES
EXIST VERT WACKER #10D - Wellbore #1 - Wellbore #	15,700.0	6,712.4	9,905.5	9,646.7	38.266	SF
EXIST VERT WACKER #2 - Wellbore #1 - Wellbore #1	5,972.7	5,930.7	2,006.7	1,991.0	127.749	CC, ES
EXIST VERT WACKER #2 - Wellbore #1 - Wellbore #1	14,700.0	6,400.0	9,906.0	9,677.3	43.306	SF
EXIST VERT WACKER #22-10 - Wellbore #1 - Wellbore	3,450.8	3,361.0	1,399.1	1,389.6	147.808	CC, ES
EXIST VERT WACKER #22-10 - Wellbore #1 - Wellbore	11,800.0	6,400.0	6,871.7	6,776.1	71.911	SF
EXIST VERT WACKER #31-10 - Wellbore #1 - Wellbore	5,700.5	5,615.6	2,906.8	2,892.8	207.276	CC
EXIST VERT WACKER #31-10 - Wellbore #1 - Wellbore	5,800.0	5,700.0	2,907.0	2,892.8	204.123	ES
EXIST VERT WACKER #31-10 - Wellbore #1 - Wellbore	13,800.0	6,504.1	9,933.8	9,728.3	48.329	SF
EXIST VERT WACKER #32-10 - Wellbore #1 - Design #	5,969.5	5,923.8	2,406.0	2,275.7	18.465	CC, ES
EXIST VERT WACKER #32-10 - Wellbore #1 - Design #	6,050.0	6,004.1	2,410.4	2,279.4	18.401	SF
EXIST VERT WACKER #32-10 - Wellbore #1 - Wellbore	3,918.2	3,872.8	2,425.6	2,414.8	223.004	CC, ES
EXIST VERT WACKER #32-10 - Wellbore #1 - Wellbore	13,400.0	6,327.1	9,450.1	9,280.4	55.700	SF
EXIST VERT WACKER #41-10 - Wellbore #1 - Wellbore	5,990.4	6,046.7	4,353.1	4,337.9	286.697	CC, ES
EXIST VERT WACKER #41-10 - Wellbore #1 - Wellbore	12,200.0	6,730.0	9,945.7	9,784.8	61.796	SF
EXIST VERT WACKER #42-10 - Wellbore #1 - Wellbore	3,453.5	3,286.7	3,873.1	3,863.7	411.083	CC
EXIST VERT WACKER #42-10 - Wellbore #1 - Wellbore	5,900.0	5,829.2	3,877.0	3,861.7	252.366	ES
EXIST VERT WACKER #42-10 - Wellbore #1 - Wellbore	12,500.0	6,500.0	9,988.3	9,824.9	61.153	SF
EXIST VERT WILLIAMS #1 - Wellbore #1 - Wellbore #1	7,551.0	6,582.1	949.5	916.0	28.316	CC, ES
EXIST VERT WILLIAMS #1 - Wellbore #1 - Wellbore #1	8,300.0	6,573.0	1,209.3	1,156.4	22.833	SF
WACKER 10F-204 - ORIGINAL WELLBORE - PROPOS	1,000.0	990.0	104.9	100.7	24.938	CC, ES
WACKER 10F-204 - ORIGINAL WELLBORE - PROPOS	15,100.0	15,033.1	1,030.2	552.4	2.156	SF
WACKER 10F-232 - ORIGINAL WELLBORE - PROPOS	1,300.0	1,290.0	45.2	39.6	8.129	CC, ES
WACKER 10F-232 - ORIGINAL WELLBORE - PROPOS	1,400.0	1,390.0	46.0	40.0	7.688	SF
WACKER 10F-234 - ORIGINAL WELLBORE - PROPOS	1,300.0	1,290.0	60.1	54.6	10.820	CC, ES
WACKER 10F-234 - ORIGINAL WELLBORE - PROPOS	15,000.0	14,995.1	565.6	90.5	1.191	Level 2, SF
WACKER 10F-302 - ORIGINAL WELLBORE - PROPOS	1,200.0	1,190.0	75.1	70.0	14.698	CC, ES
WACKER 10F-302 - ORIGINAL WELLBORE - PROPOS	7,800.0	6,700.0	786.6	725.0	12.764	SF
WACKER 10F-304 - ORIGINAL WELLBORE - PROPOS	1,100.0	1,090.0	90.0	85.3	19.324	CC, ES
WACKER 10F-304 - ORIGINAL WELLBORE - PROPOS	15,000.0	15,082.8	797.3	323.6	1.683	SF
WACKER 10G-212 - ORIGINAL WELLBORE - PROPOS	1,200.0	1,190.0	14.9	9.8	2.924	CC
WACKER 10G-212 - ORIGINAL WELLBORE - PROPOS	6,974.6	7,275.9	50.2	3.4	1.073	Level 2, ES, SF
WACKER 10G-302 - ORIGINAL WELLBORE - PROPOS	1,000.0	990.0	44.8	40.6	10.650	CC, ES
WACKER 10G-302 - ORIGINAL WELLBORE - PROPOS	7,500.0	6,852.5	264.8	210.8	4.905	SF
WACKER 10G-304 - ORIGINAL WELLBORE - PROPOS	1,100.0	1,100.0	29.9	25.2	6.399	CC
WACKER 10G-304 - ORIGINAL WELLBORE - PROPOS	17,487.5	17,580.9	226.1	-360.9	0.385	Level 1, ES, SF
WACKER 10G-312 - ORIGINAL WELLBORE - PROPOS	1,300.0	1,290.0	14.9	9.4	2.690	CC, ES
WACKER 10G-312 - ORIGINAL WELLBORE - PROPOS	1,400.0	1,390.0	15.8	9.8	2.645	SF
WACKER 10G-314 - ORIGINAL WELLBORE - PROPOS	1,300.0	1,290.0	29.9	24.3	5.378	CC
WACKER 10G-314 - ORIGINAL WELLBORE - PROPOS	15,000.0	15,049.3	243.8	-219.5	0.526	Level 1, ES, SF

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