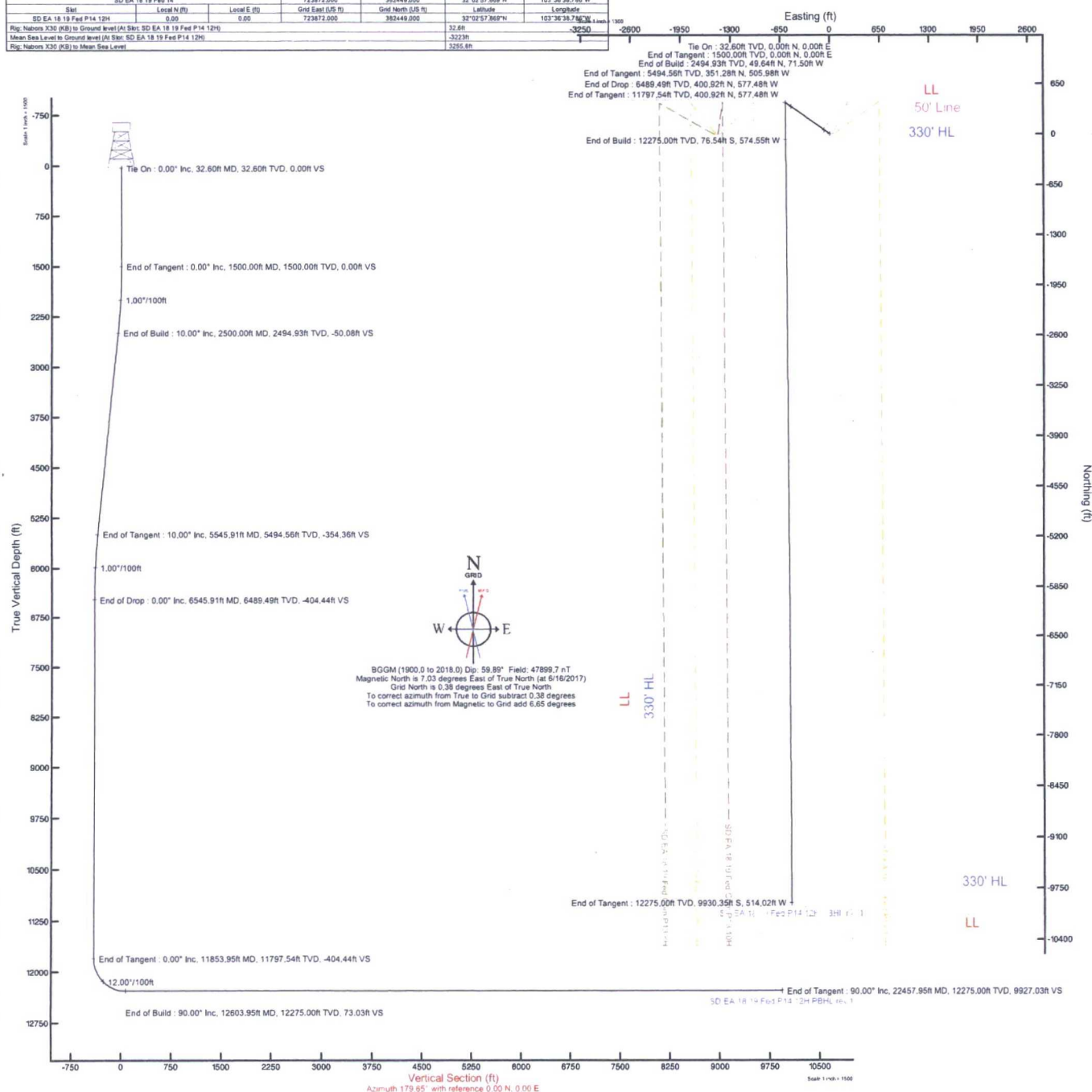






Planned Wellpath Report

SD EA 18 19 Fed P14 12H Rev A.0

Page 1 of 10



REFERENCE WELLPATH IDENTIFICATION

Operator	Chevron U.S.A. Inc.	Slot	SD EA 18 19 Fed P14 12H
Area	Lea County, NM	Well	SD EA 18 19 Fed P14 12H
Field	Jennings / Upper BN SPRN Shale (Lea County, NM)	Wellbore	SD EA 18 19 Fed P14 12H
Facility	SD EA 18 19 Fed 14		

REPORT SETUP INFORMATION

Projection System	NAD27 / TM New Mexico SP, Eastern Zone (3001), US feet	Software System	WellArchitect® 5.0
North Reference	Grid	User	Tranlam
Scale	0.999967	Report Generated	6/16/2017 at 1:01:10 PM
Convergence at slot	0.38° East	Database/Source file	WA_Midland/SD_EA_18_19_Fed_P14_12H_Rev_A.0.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	0.00	0.00	723872.00	382449.00	32°02'57.869"N	103°36'38.786"W
Facility Reference Pt			723872.00	382449.00	32°02'57.869"N	103°36'38.786"W
Field Reference Pt			152400.30	0.00	30°59'42.846"N	105°26'33.659"W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig: Nabors X30 (KB) to Facility Vertical Datum	3255.60ft
Horizontal Reference Pt	Slot	Rig: Nabors X30 (KB) to Mean Sea Level	3255.60ft
Vertical Reference Pt	Rig: Nabors X30 (KB)	Rig: Nabors X30 (KB) to Ground Level at Slot (SD EA 18 19 Fed P14 12H)	32.60ft
MD Reference Pt	Rig: Nabors X30 (KB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	179.65°



Planned Wellpath Report

SD EA 18 19 Fed P14 12H Rev A.0

Page 2 of 10



REFERENCE WELLPATH IDENTIFICATION

Operator	Chevron U.S.A. Inc.	Slot	SD EA 18 19 Fed P14 12H
Area	Lea County, NM	Well	SD EA 18 19 Fed P14 12H
Field	Jennings / Upper BN SPRN Shale (Lea County, NM)	Wellbore	SD EA 18 19 Fed P14 12H
Facility	SD EA 18 19 Fed 14		

WELLPATH DATA (233 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
0.00†	0.000	304.770	0.00	0.00	0.00	0.00	723872.00	382449.00	32°02'57.869"N	103°36'38.786"W	0.00	0.00	0.00	
32.60	0.000	304.770	32.60	0.00	0.00	0.00	723872.00	382449.00	32°02'57.869"N	103°36'38.786"W	0.00	0.00	0.00	Tie On
132.60†	0.000	304.770	132.60	0.00	0.00	0.00	723872.00	382449.00	32°02'57.869"N	103°36'38.786"W	0.00	0.00	0.00	
232.60†	0.000	304.770	232.60	0.00	0.00	0.00	723872.00	382449.00	32°02'57.869"N	103°36'38.786"W	0.00	0.00	0.00	
332.60†	0.000	304.770	332.60	0.00	0.00	0.00	723872.00	382449.00	32°02'57.869"N	103°36'38.786"W	0.00	0.00	0.00	
432.60†	0.000	304.770	432.60	0.00	0.00	0.00	723872.00	382449.00	32°02'57.869"N	103°36'38.786"W	0.00	0.00	0.00	
532.60†	0.000	304.770	532.60	0.00	0.00	0.00	723872.00	382449.00	32°02'57.869"N	103°36'38.786"W	0.00	0.00	0.00	
632.60†	0.000	304.770	632.60	0.00	0.00	0.00	723872.00	382449.00	32°02'57.869"N	103°36'38.786"W	0.00	0.00	0.00	
732.60†	0.000	304.770	732.60	0.00	0.00	0.00	723872.00	382449.00	32°02'57.869"N	103°36'38.786"W	0.00	0.00	0.00	
832.60†	0.000	304.770	832.60	0.00	0.00	0.00	723872.00	382449.00	32°02'57.869"N	103°36'38.786"W	0.00	0.00	0.00	
932.60†	0.000	304.770	932.60	0.00	0.00	0.00	723872.00	382449.00	32°02'57.869"N	103°36'38.786"W	0.00	0.00	0.00	
1032.60†	0.000	304.770	1032.60	0.00	0.00	0.00	723872.00	382449.00	32°02'57.869"N	103°36'38.786"W	0.00	0.00	0.00	
1132.60†	0.000	304.770	1132.60	0.00	0.00	0.00	723872.00	382449.00	32°02'57.869"N	103°36'38.786"W	0.00	0.00	0.00	
1232.60†	0.000	304.770	1232.60	0.00	0.00	0.00	723872.00	382449.00	32°02'57.869"N	103°36'38.786"W	0.00	0.00	0.00	
1332.60†	0.000	304.770	1332.60	0.00	0.00	0.00	723872.00	382449.00	32°02'57.869"N	103°36'38.786"W	0.00	0.00	0.00	
1432.60†	0.000	304.770	1432.60	0.00	0.00	0.00	723872.00	382449.00	32°02'57.869"N	103°36'38.786"W	0.00	0.00	0.00	
1500.00	0.000	304.770	1500.00	0.00	0.00	0.00	723872.00	382449.00	32°02'57.869"N	103°36'38.786"W	0.00	0.00	0.00	End of Tangent
1532.60†	0.326	304.770	1532.60	-0.05	0.05	-0.08	723871.92	382449.05	32°02'57.869"N	103°36'38.787"W	1.00	1.00	-169.42	
1632.60†	1.326	304.770	1632.59	-0.88	0.88	-1.26	723870.74	382449.87	32°02'57.877"N	103°36'38.801"W	1.00	1.00	0.00	
1732.60†	2.326	304.770	1732.54	-2.72	2.69	-3.88	723868.12	382451.69	32°02'57.896"N	103°36'38.831"W	1.00	1.00	0.00	
1832.60†	3.326	304.770	1832.41	-5.55	5.50	-7.93	723864.07	382454.50	32°02'57.924"N	103°36'38.878"W	1.00	1.00	0.00	
1932.60†	4.326	304.770	1932.19	-9.39	9.31	-13.41	723858.59	382458.31	32°02'57.962"N	103°36'38.941"W	1.00	1.00	0.00	
2032.60†	5.326	304.770	2031.83	-14.23	14.11	-20.32	723851.68	382463.11	32°02'58.010"N	103°36'39.021"W	1.00	1.00	0.00	
2132.60†	6.326	304.770	2131.32	-20.07	19.90	-28.66	723843.34	382468.90	32°02'58.067"N	103°36'39.117"W	1.00	1.00	0.00	
2232.60†	7.326	304.770	2230.61	-26.91	26.67	-38.42	723833.58	382475.67	32°02'58.135"N	103°36'39.230"W	1.00	1.00	0.00	
2332.60†	8.326	304.770	2329.67	-34.74	34.44	-49.61	723822.40	382483.44	32°02'58.213"N	103°36'39.360"W	1.00	1.00	0.00	
2432.60†	9.326	304.770	2428.49	-43.57	43.19	-62.21	723809.79	382492.19	32°02'58.300"N	103°36'39.505"W	1.00	1.00	0.00	
2500.00	10.000	304.770	2494.93	-50.08	49.64	-71.50	723800.50	382498.64	32°02'58.365"N	103°36'39.613"W	1.00	1.00	0.00	End of Build
2532.60†	10.000	304.770	2527.04	-53.33	52.87	-76.15	723795.85	382501.87	32°02'58.397"N	103°36'39.667"W	0.00	0.00	0.00	
2632.60†	10.000	304.770	2625.52	-63.32	62.77	-90.42	723781.59	382511.77	32°02'58.496"N	103°36'39.832"W	0.00	0.00	0.00	



Planned Wellpath Report

SD EA 18 19 Fed P14 12H Rev A.0

Page 3 of 10



REFERENCE WELLPATH IDENTIFICATION

Operator	Chevron U.S.A. Inc.	Slot	SD EA 18 19 Fed P14 12H
Area	Lea County, NM	Well	SD EA 18 19 Fed P14 12H
Field	Jennings / Upper BN SPRN Shale (Lea County, NM)	Wellbore	SD EA 18 19 Fed P14 12H
Facility	SD EA 18 19 Fed 14		

WELLPATH DATA (233 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
2732.60†	10.000	304.770	2724.00	-73.31	72.68	-104.68	723767.32	382521.67	32°02'58.595"N	103°36'39.997"W	0.00	0.00	0.00	
2832.60†	10.000	304.770	2822.48	-83.30	82.58	-118.95	723753.06	382531.58	32°02'58.694"N	103°36'40.162"W	0.00	0.00	0.00	
2932.60†	10.000	304.770	2920.96	-93.29	92.48	-133.21	723738.80	382541.48	32°02'58.793"N	103°36'40.327"W	0.00	0.00	0.00	
3032.60†	10.000	304.770	3019.44	-103.28	102.38	-147.47	723724.53	382551.38	32°02'58.892"N	103°36'40.491"W	0.00	0.00	0.00	
3132.60†	10.000	304.770	3117.92	-113.27	112.29	-161.74	723710.27	382561.28	32°02'58.990"N	103°36'40.656"W	0.00	0.00	0.00	
3232.60†	10.000	304.770	3216.40	-123.26	122.19	-176.00	723696.00	382571.19	32°02'59.089"N	103°36'40.821"W	0.00	0.00	0.00	
3332.60†	10.000	304.770	3314.88	-133.25	132.09	-190.27	723681.74	382581.09	32°02'59.188"N	103°36'40.986"W	0.00	0.00	0.00	
3432.60†	10.000	304.770	3413.36	-143.24	142.00	-204.53	723667.48	382590.99	32°02'59.287"N	103°36'41.151"W	0.00	0.00	0.00	
3532.60†	10.000	304.770	3511.84	-153.23	151.90	-218.79	723653.21	382600.89	32°02'59.386"N	103°36'41.316"W	0.00	0.00	0.00	
3632.60†	10.000	304.770	3610.32	-163.22	161.80	-233.06	723638.95	382610.80	32°02'59.485"N	103°36'41.481"W	0.00	0.00	0.00	
3732.60†	10.000	304.770	3708.80	-173.21	171.71	-247.32	723624.69	382620.70	32°02'59.584"N	103°36'41.646"W	0.00	0.00	0.00	
3832.60†	10.000	304.770	3807.29	-183.20	181.61	-261.59	723610.42	382630.60	32°02'59.683"N	103°36'41.811"W	0.00	0.00	0.00	
3932.60†	10.000	304.770	3905.77	-193.19	191.51	-275.85	723596.16	382640.50	32°02'59.782"N	103°36'41.976"W	0.00	0.00	0.00	
4032.60†	10.000	304.770	4004.25	-203.18	201.41	-290.12	723581.89	382650.41	32°02'59.881"N	103°36'42.141"W	0.00	0.00	0.00	
4132.60†	10.000	304.770	4102.73	-213.17	211.32	-304.38	723567.63	382660.31	32°02'59.980"N	103°36'42.306"W	0.00	0.00	0.00	
4232.60†	10.000	304.770	4201.21	-223.16	221.22	-318.64	723553.37	382670.21	32°03'00.079"N	103°36'42.471"W	0.00	0.00	0.00	
4332.60†	10.000	304.770	4299.69	-233.15	231.12	-332.91	723539.10	382680.11	32°03'00.178"N	103°36'42.636"W	0.00	0.00	0.00	
4432.60†	10.000	304.770	4398.17	-243.14	241.03	-347.17	723524.84	382690.02	32°03'00.277"N	103°36'42.801"W	0.00	0.00	0.00	
4532.60†	10.000	304.770	4496.65	-253.13	250.93	-361.44	723510.58	382699.92	32°03'00.376"N	103°36'42.966"W	0.00	0.00	0.00	
4632.60†	10.000	304.770	4595.13	-263.12	260.83	-375.70	723496.31	382709.82	32°03'00.475"N	103°36'43.131"W	0.00	0.00	0.00	
4732.60†	10.000	304.770	4693.61	-273.11	270.73	-389.97	723482.05	382719.73	32°03'00.573"N	103°36'43.296"W	0.00	0.00	0.00	
4832.60†	10.000	304.770	4792.09	-283.10	280.64	-404.23	723467.78	382729.63	32°03'00.672"N	103°36'43.461"W	0.00	0.00	0.00	
4932.60†	10.000	304.770	4890.57	-293.09	290.54	-418.49	723453.52	382739.53	32°03'00.771"N	103°36'43.626"W	0.00	0.00	0.00	
5032.60†	10.000	304.770	4989.05	-303.08	300.44	-432.76	723439.26	382749.43	32°03'00.870"N	103°36'43.791"W	0.00	0.00	0.00	
5132.60†	10.000	304.770	5087.54	-313.07	310.35	-447.02	723424.99	382759.34	32°03'00.969"N	103°36'43.955"W	0.00	0.00	0.00	
5232.60†	10.000	304.770	5186.02	-323.06	320.25	-461.29	723410.73	382769.24	32°03'01.068"N	103°36'44.120"W	0.00	0.00	0.00	
5332.60†	10.000	304.770	5284.50	-333.05	330.15	-475.55	723396.47	382779.14	32°03'01.167"N	103°36'44.285"W	0.00	0.00	0.00	
5432.60†	10.000	304.770	5382.98	-343.04	340.06	-489.82	723382.20	382789.04	32°03'01.266"N	103°36'44.450"W	0.00	0.00	0.00	
5532.60†	10.000	304.770	5481.46	-353.03	349.96	-504.08	723367.94	382798.95	32°03'01.365"N	103°36'44.615"W	0.00	0.00	0.00	
5545.91	10.000	304.770	5494.56	-354.36	351.28	-505.98	723366.04	382800.26	32°03'01.378"N	103°36'44.637"W	0.00	0.00	0.00	End of Tangent



Planned Wellpath Report

SD EA 18 19 Fed P14 12H Rev A.0

Page 4 of 10



REFERENCE WELLPATH IDENTIFICATION			
Operator	Chevron U.S.A. Inc.	Slot	SD EA 18 19 Fed P14 12H
Area	Lea County, NM	Well	SD EA 18 19 Fed P14 12H
Field	Jennings / Upper BN SPRN Shale (Lea County, NM)	Wellbore	SD EA 18 19 Fed P14 12H
Facility	SD EA 18 19 Fed 14		

WELLPATH DATA (233 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
5632.60†	9.133	304.770	5580.05	-362.65	359.49	-517.81	723354.21	382808.48	32°03'01.460"N	103°36'44.774"W	1.00	-1.00	0.00	
5732.60†	8.133	304.770	5678.92	-371.28	368.05	-530.14	723341.88	382817.04	32°03'01.546"N	103°36'44.917"W	1.00	-1.00	0.00	
5832.60†	7.133	304.770	5778.03	-378.93	375.63	-541.05	723330.97	382824.62	32°03'01.621"N	103°36'45.043"W	1.00	-1.00	0.00	
5932.60†	6.133	304.770	5877.36	-385.57	382.22	-550.54	723321.48	382831.20	32°03'01.687"N	103°36'45.153"W	1.00	-1.00	0.00	
6032.60†	5.133	304.770	5976.87	-391.22	387.81	-558.60	723313.41	382836.80	32°03'01.743"N	103°36'45.246"W	1.00	-1.00	0.00	
6132.60†	4.133	304.770	6076.55	-395.87	392.42	-565.24	723306.78	382841.41	32°03'01.789"N	103°36'45.323"W	1.00	-1.00	0.00	
6232.60†	3.133	304.770	6176.34	-399.51	396.03	-570.44	723301.58	382845.02	32°03'01.825"N	103°36'45.383"W	1.00	-1.00	0.00	
6332.60†	2.133	304.770	6276.24	-402.15	398.65	-574.22	723297.80	382847.64	32°03'01.851"N	103°36'45.426"W	1.00	-1.00	0.00	
6432.60†	1.133	304.770	6376.19	-403.79	400.28	-576.56	723295.46	382849.26	32°03'01.868"N	103°36'45.453"W	1.00	-1.00	0.00	
6532.60†	0.133	304.770	6476.19	-404.43	400.91	-577.47	723294.55	382849.89	32°03'01.874"N	103°36'45.464"W	1.00	-1.00	0.00	
6545.91	0.000	179.648	6489.49	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	1.00	-1.00	415.10	End of Drop
6632.60†	0.000	179.648	6576.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
6732.60†	0.000	179.648	6676.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
6832.60†	0.000	179.648	6776.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
6932.60†	0.000	179.648	6876.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
7032.60†	0.000	179.648	6976.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
7132.60†	0.000	179.648	7076.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
7232.60†	0.000	179.648	7176.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
7332.60†	0.000	179.648	7276.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
7432.60†	0.000	179.648	7376.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
7532.60†	0.000	179.648	7476.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
7632.60†	0.000	179.648	7576.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
7732.60†	0.000	179.648	7676.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
7832.60†	0.000	179.648	7776.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
7932.60†	0.000	179.648	7876.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
8032.60†	0.000	179.648	7976.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
8132.60†	0.000	179.648	8076.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
8232.60†	0.000	179.648	8176.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
8332.60†	0.000	179.648	8276.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
8432.60†	0.000	179.648	8376.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	



Planned Wellpath Report

SD EA 18 19 Fed P14 12H Rev A.0

Page 5 of 10



REFERENCE WELLPATH IDENTIFICATION

Operator	Chevron U.S.A. Inc.	Slot	SD EA 18 19 Fed P14 12H
Area	Lea County, NM	Well	SD EA 18 19 Fed P14 12H
Field	Jennings / Upper BN SPRN Shale (Lea County, NM)	Wellbore	SD EA 18 19 Fed P14 12H
Facility	SD EA 18 19 Fed 14		

WELLPATH DATA (233 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
8532.60†	0.000	179.648	8476.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
8632.60†	0.000	179.648	8576.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
8732.60†	0.000	179.648	8676.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
8832.60†	0.000	179.648	8776.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
8932.60†	0.000	179.648	8876.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
9032.60†	0.000	179.648	8976.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
9132.60†	0.000	179.648	9076.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
9232.60†	0.000	179.648	9176.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
9332.60†	0.000	179.648	9276.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
9432.60†	0.000	179.648	9376.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
9532.60†	0.000	179.648	9476.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
9632.60†	0.000	179.648	9576.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
9732.60†	0.000	179.648	9676.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
9832.60†	0.000	179.648	9776.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
9932.60†	0.000	179.648	9876.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
10032.60†	0.000	179.648	9976.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
10132.60†	0.000	179.648	10076.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
10232.60†	0.000	179.648	10176.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
10332.60†	0.000	179.648	10276.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
10432.60†	0.000	179.648	10376.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
10532.60†	0.000	179.648	10476.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
10632.60†	0.000	179.648	10576.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
10732.60†	0.000	179.648	10676.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
10832.60†	0.000	179.648	10776.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
10932.60†	0.000	179.648	10876.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
11032.60†	0.000	179.648	10976.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
11132.60†	0.000	179.648	11076.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
11232.60†	0.000	179.648	11176.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
11332.60†	0.000	179.648	11276.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
11432.60†	0.000	179.648	11376.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	



Planned Wellpath Report

SD EA 18 19 Fed P14 12H Rev A.0

Page 6 of 10



REFERENCE WELLPATH IDENTIFICATION

Operator	Chevron U.S.A. Inc.	Slot	SD EA 18 19 Fed P14 12H
Area	Lea County, NM	Well	SD EA 18 19 Fed P14 12H
Field	Jennings / Upper BN SPRN Shale (Lea County, NM)	Wellbore	SD EA 18 19 Fed P14 12H
Facility	SD EA 18 19 Fed 14		

WELLPATH DATA (233 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
11532.60†	0.000	179.648	11476.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
11632.60†	0.000	179.648	11576.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
11732.60†	0.000	179.648	11676.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
11832.60†	0.000	179.648	11776.19	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	
11853.95	0.000	179.648	11797.54	-404.44	400.92	-577.48	723294.54	382849.90	32°03'01.874"N	103°36'45.464"W	0.00	0.00	0.00	End of Tangent
11932.60†	9.438	179.648	11875.83	-397.97	394.45	-577.44	723294.58	382843.44	32°03'01.810"N	103°36'45.464"W	12.00	12.00	228.41	
12032.60†	21.438	179.648	11972.05	-371.40	367.88	-577.28	723294.74	382816.87	32°03'01.547"N	103°36'45.464"W	12.00	12.00	0.00	
12132.60†	33.438	179.648	12060.64	-325.41	321.89	-576.99	723295.03	382770.88	32°03'01.092"N	103°36'45.465"W	12.00	12.00	0.00	
12232.60†	45.438	179.648	12137.73	-262.00	258.48	-576.60	723295.42	382707.47	32°03'00.465"N	103°36'45.465"W	12.00	12.00	0.00	
12332.60†	57.438	179.648	12199.95	-183.95	180.43	-576.13	723295.90	382629.43	32°02'59.692"N	103°36'45.465"W	12.00	12.00	0.00	
12432.60†	69.438	179.648	12244.58	-94.67	91.15	-575.58	723296.44	382540.15	32°02'58.809"N	103°36'45.466"W	12.00	12.00	0.00	
12532.60†	81.438	179.648	12269.68	1.94	-5.46	-574.98	723297.04	382443.54	32°02'57.853"N	103°36'45.467"W	12.00	12.00	0.00	
12603.95	90.000	179.648	12275.00	73.03	-76.54	-574.55	723297.47	382372.46	32°02'57.149"N	103°36'45.467"W	12.00	12.00	0.00	End of Build
12632.60†	90.000	179.648	12275.00	101.68	-105.19	-574.37	723297.65	382343.81	32°02'56.866"N	103°36'45.467"W	0.00	0.00	0.00	
12732.60†	90.000	179.648	12275.00	201.68	-205.19	-573.76	723298.26	382243.82	32°02'55.876"N	103°36'45.468"W	0.00	0.00	0.00	
12832.60†	90.000	179.648	12275.00	301.68	-305.19	-573.14	723298.88	382143.82	32°02'54.887"N	103°36'45.468"W	0.00	0.00	0.00	
12932.60†	90.000	179.648	12275.00	401.68	-405.18	-572.53	723299.49	382043.83	32°02'53.897"N	103°36'45.469"W	0.00	0.00	0.00	
13032.60†	90.000	179.648	12275.00	501.68	-505.18	-571.91	723300.11	381943.84	32°02'52.907"N	103°36'45.470"W	0.00	0.00	0.00	
13132.60†	90.000	179.648	12275.00	601.68	-605.18	-571.30	723300.72	381843.84	32°02'51.918"N	103°36'45.470"W	0.00	0.00	0.00	
13232.60†	90.000	179.648	12275.00	701.68	-705.18	-570.69	723301.33	381743.85	32°02'50.928"N	103°36'45.471"W	0.00	0.00	0.00	
13332.60†	90.000	179.648	12275.00	801.68	-805.18	-570.07	723301.95	381643.85	32°02'49.939"N	103°36'45.472"W	0.00	0.00	0.00	
13432.60†	90.000	179.648	12275.00	901.68	-905.17	-569.46	723302.56	381543.86	32°02'48.949"N	103°36'45.472"W	0.00	0.00	0.00	
13532.60†	90.000	179.648	12275.00	1001.68	-1005.17	-568.84	723303.18	381443.86	32°02'47.960"N	103°36'45.473"W	0.00	0.00	0.00	
13632.60†	90.000	179.648	12275.00	1101.68	-1105.17	-568.23	723303.79	381343.87	32°02'46.970"N	103°36'45.473"W	0.00	0.00	0.00	
13732.60†	90.000	179.648	12275.00	1201.68	-1205.17	-567.61	723304.41	381243.87	32°02'45.980"N	103°36'45.474"W	0.00	0.00	0.00	
13832.60†	90.000	179.648	12275.00	1301.68	-1305.17	-567.00	723305.02	381143.88	32°02'44.991"N	103°36'45.475"W	0.00	0.00	0.00	
13932.60†	90.000	179.648	12275.00	1401.68	-1405.17	-566.39	723305.63	381043.88	32°02'44.001"N	103°36'45.475"W	0.00	0.00	0.00	
14032.60†	90.000	179.648	12275.00	1501.68	-1505.16	-565.77	723306.25	380943.89	32°02'43.012"N	103°36'45.476"W	0.00	0.00	0.00	
14132.60†	90.000	179.648	12275.00	1601.68	-1605.16	-565.16	723306.86	380843.90	32°02'42.022"N	103°36'45.477"W	0.00	0.00	0.00	
14232.60†	90.000	179.648	12275.00	1701.68	-1705.16	-564.54	723307.48	380743.90	32°02'41.033"N	103°36'45.477"W	0.00	0.00	0.00	



Planned Wellpath Report

SD EA 18 19 Fed P14 12H Rev A.0

Page 7 of 10



REFERENCE WELLPATH IDENTIFICATION

Operator	Chevron U.S.A. Inc.	Slot	SD EA 18 19 Fed P14 12H
Area	Lea County, NM	Well	SD EA 18 19 Fed P14 12H
Field	Jennings / Upper BN SPRN Shale (Lea County, NM)	Wellbore	SD EA 18 19 Fed P14 12H
Facility	SD EA 18 19 Fed 14		

WELLPATH DATA (233 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
14332.60†	90.000	179.648	12275.00	1801.68	-1805.16	-563.93	723308.09	380643.91	32°02'40.043"N	103°36'45.478"W	0.00	0.00	0.00	
14432.60†	90.000	179.648	12275.00	1901.68	-1905.16	-563.31	723308.71	380543.91	32°02'39.053"N	103°36'45.478"W	0.00	0.00	0.00	
14532.60†	90.000	179.648	12275.00	2001.68	-2005.15	-562.70	723309.32	380443.92	32°02'38.064"N	103°36'45.479"W	0.00	0.00	0.00	
14632.60†	90.000	179.648	12275.00	2101.68	-2105.15	-562.09	723309.93	380343.92	32°02'37.074"N	103°36'45.480"W	0.00	0.00	0.00	
14732.60†	90.000	179.648	12275.00	2201.68	-2205.15	-561.47	723310.55	380243.93	32°02'36.085"N	103°36'45.480"W	0.00	0.00	0.00	
14832.60†	90.000	179.648	12275.00	2301.68	-2305.15	-560.86	723311.16	380143.93	32°02'35.095"N	103°36'45.481"W	0.00	0.00	0.00	
14932.60†	90.000	179.648	12275.00	2401.68	-2405.15	-560.24	723311.78	380043.94	32°02'34.105"N	103°36'45.481"W	0.00	0.00	0.00	
15032.60†	90.000	179.648	12275.00	2501.68	-2505.14	-559.63	723312.39	379943.94	32°02'33.116"N	103°36'45.482"W	0.00	0.00	0.00	
15132.60†	90.000	179.648	12275.00	2601.68	-2605.14	-559.01	723313.01	379843.95	32°02'32.126"N	103°36'45.483"W	0.00	0.00	0.00	
15232.60†	90.000	179.648	12275.00	2701.68	-2705.14	-558.40	723313.62	379743.96	32°02'31.137"N	103°36'45.483"W	0.00	0.00	0.00	
15332.60†	90.000	179.648	12275.00	2801.68	-2805.14	-557.79	723314.23	379643.96	32°02'30.147"N	103°36'45.484"W	0.00	0.00	0.00	
15432.60†	90.000	179.648	12275.00	2901.68	-2905.14	-557.17	723314.85	379543.97	32°02'29.158"N	103°36'45.485"W	0.00	0.00	0.00	
15532.60†	90.000	179.648	12275.00	3001.68	-3005.14	-556.56	723315.46	379443.97	32°02'28.168"N	103°36'45.485"W	0.00	0.00	0.00	
15632.60†	90.000	179.648	12275.00	3101.68	-3105.13	-555.94	723316.08	379343.98	32°02'27.178"N	103°36'45.486"W	0.00	0.00	0.00	
15732.60†	90.000	179.648	12275.00	3201.68	-3205.13	-555.33	723316.69	379243.98	32°02'26.189"N	103°36'45.486"W	0.00	0.00	0.00	
15832.60†	90.000	179.648	12275.00	3301.68	-3305.13	-554.71	723317.30	379143.99	32°02'25.199"N	103°36'45.487"W	0.00	0.00	0.00	
15932.60†	90.000	179.648	12275.00	3401.68	-3405.13	-554.10	723317.92	379043.99	32°02'24.210"N	103°36'45.488"W	0.00	0.00	0.00	
16032.60†	90.000	179.648	12275.00	3501.68	-3505.13	-553.49	723318.53	378944.00	32°02'23.220"N	103°36'45.488"W	0.00	0.00	0.00	
16132.60†	90.000	179.648	12275.00	3601.68	-3605.12	-552.87	723319.15	378844.00	32°02'22.231"N	103°36'45.489"W	0.00	0.00	0.00	
16232.60†	90.000	179.648	12275.00	3701.68	-3705.12	-552.26	723319.76	378744.01	32°02'21.241"N	103°36'45.489"W	0.00	0.00	0.00	
16332.60†	90.000	179.648	12275.00	3801.68	-3805.12	-551.64	723320.38	378644.01	32°02'20.251"N	103°36'45.490"W	0.00	0.00	0.00	
16432.60†	90.000	179.648	12275.00	3901.68	-3905.12	-551.03	723320.99	378544.02	32°02'19.262"N	103°36'45.491"W	0.00	0.00	0.00	
16532.60†	90.000	179.648	12275.00	4001.68	-4005.12	-550.41	723321.60	378444.03	32°02'18.272"N	103°36'45.491"W	0.00	0.00	0.00	
16632.60†	90.000	179.648	12275.00	4101.68	-4105.11	-549.80	723322.22	378344.03	32°02'17.283"N	103°36'45.492"W	0.00	0.00	0.00	
16732.60†	90.000	179.648	12275.00	4201.68	-4205.11	-549.19	723322.83	378244.04	32°02'16.293"N	103°36'45.493"W	0.00	0.00	0.00	
16832.60†	90.000	179.648	12275.00	4301.68	-4305.11	-548.57	723323.45	378144.04	32°02'15.304"N	103°36'45.493"W	0.00	0.00	0.00	
16932.60†	90.000	179.648	12275.00	4401.68	-4405.11	-547.96	723324.06	378044.05	32°02'14.314"N	103°36'45.494"W	0.00	0.00	0.00	
17032.60†	90.000	179.648	12275.00	4501.68	-4505.11	-547.34	723324.68	377944.05	32°02'13.324"N	103°36'45.494"W	0.00	0.00	0.00	
17132.60†	90.000	179.648	12275.00	4601.68	-4605.11	-546.73	723325.29	377844.06	32°02'12.335"N	103°36'45.495"W	0.00	0.00	0.00	
17232.60†	90.000	179.648	12275.00	4701.68	-4705.10	-546.12	723325.90	377744.06	32°02'11.345"N	103°36'45.496"W	0.00	0.00	0.00	



Planned Wellpath Report

SD EA 18 19 Fed P14 12H Rev A.0

Page 8 of 10



REFERENCE WELLPATH IDENTIFICATION

Operator	Chevron U.S.A. Inc.	Slot	SD EA 18 19 Fed P14 12H
Area	Lea County, NM	Well	SD EA 18 19 Fed P14 12H
Field	Jennings / Upper BN SPRN Shale (Lea County, NM)	Wellbore	SD EA 18 19 Fed P14 12H
Facility	SD EA 18 19 Fed 14		

WELLPATH DATA (233 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
17332.60†	90.000	179.648	12275.00	4801.68	-4805.10	-545.50	723326.52	377644.07	32°02'10.356"N	103°36'45.496"W	0.00	0.00	0.00	
17432.60†	90.000	179.648	12275.00	4901.68	-4905.10	-544.89	723327.13	377544.07	32°02'09.366"N	103°36'45.497"W	0.00	0.00	0.00	
17532.60†	90.000	179.648	12275.00	5001.68	-5005.10	-544.27	723327.75	377444.08	32°02'08.377"N	103°36'45.497"W	0.00	0.00	0.00	
17632.60†	90.000	179.648	12275.00	5101.68	-5105.10	-543.66	723328.36	377344.09	32°02'07.387"N	103°36'45.498"W	0.00	0.00	0.00	
17732.60†	90.000	179.648	12275.00	5201.68	-5205.09	-543.04	723328.98	377244.09	32°02'06.397"N	103°36'45.499"W	0.00	0.00	0.00	
17832.60†	90.000	179.648	12275.00	5301.68	-5305.09	-542.43	723329.59	377144.10	32°02'05.408"N	103°36'45.499"W	0.00	0.00	0.00	
17932.60†	90.000	179.648	12275.00	5401.68	-5405.09	-541.82	723330.20	377044.10	32°02'04.418"N	103°36'45.500"W	0.00	0.00	0.00	
18032.60†	90.000	179.648	12275.00	5501.68	-5505.09	-541.20	723330.82	376944.11	32°02'03.429"N	103°36'45.501"W	0.00	0.00	0.00	
18132.60†	90.000	179.648	12275.00	5601.68	-5605.09	-540.59	723331.43	376844.11	32°02'02.439"N	103°36'45.501"W	0.00	0.00	0.00	
18232.60†	90.000	179.648	12275.00	5701.68	-5705.08	-539.97	723332.05	376744.12	32°02'01.449"N	103°36'45.502"W	0.00	0.00	0.00	
18332.60†	90.000	179.648	12275.00	5801.68	-5805.08	-539.36	723332.66	376644.12	32°02'00.460"N	103°36'45.502"W	0.00	0.00	0.00	
18432.60†	90.000	179.648	12275.00	5901.68	-5905.08	-538.74	723333.27	376544.13	32°01'59.470"N	103°36'45.503"W	0.00	0.00	0.00	
18532.60†	90.000	179.648	12275.00	6001.68	-6005.08	-538.13	723333.89	376444.13	32°01'58.481"N	103°36'45.504"W	0.00	0.00	0.00	
18632.60†	90.000	179.648	12275.00	6101.68	-6105.08	-537.52	723334.50	376344.14	32°01'57.491"N	103°36'45.504"W	0.00	0.00	0.00	
18732.60†	90.000	179.648	12275.00	6201.68	-6205.07	-536.90	723335.12	376244.15	32°01'56.502"N	103°36'45.505"W	0.00	0.00	0.00	
18832.60†	90.000	179.648	12275.00	6301.68	-6305.07	-536.29	723335.73	376144.15	32°01'55.512"N	103°36'45.505"W	0.00	0.00	0.00	
18932.60†	90.000	179.648	12275.00	6401.68	-6405.07	-535.67	723336.35	376044.16	32°01'54.522"N	103°36'45.506"W	0.00	0.00	0.00	
19032.60†	90.000	179.648	12275.00	6501.68	-6505.07	-535.06	723336.96	375944.16	32°01'53.533"N	103°36'45.507"W	0.00	0.00	0.00	
19132.60†	90.000	179.648	12275.00	6601.68	-6605.07	-534.44	723337.57	375844.17	32°01'52.543"N	103°36'45.507"W	0.00	0.00	0.00	
19232.60†	90.000	179.648	12275.00	6701.68	-6705.07	-533.83	723338.19	375744.17	32°01'51.554"N	103°36'45.508"W	0.00	0.00	0.00	
19332.60†	90.000	179.648	12275.00	6801.68	-6805.06	-533.22	723338.80	375644.18	32°01'50.564"N	103°36'45.509"W	0.00	0.00	0.00	
19432.60†	90.000	179.648	12275.00	6901.68	-6905.06	-532.60	723339.42	375544.18	32°01'49.575"N	103°36'45.509"W	0.00	0.00	0.00	
19532.60†	90.000	179.648	12275.00	7001.68	-7005.06	-531.99	723340.03	375444.19	32°01'48.585"N	103°36'45.510"W	0.00	0.00	0.00	
19632.60†	90.000	179.648	12275.00	7101.68	-7105.06	-531.37	723340.65	375344.19	32°01'47.595"N	103°36'45.510"W	0.00	0.00	0.00	
19732.60†	90.000	179.648	12275.00	7201.68	-7205.06	-530.76	723341.26	375244.20	32°01'46.606"N	103°36'45.511"W	0.00	0.00	0.00	
19832.60†	90.000	179.648	12275.00	7301.68	-7305.05	-530.14	723341.87	375144.21	32°01'45.616"N	103°36'45.512"W	0.00	0.00	0.00	
19932.60†	90.000	179.648	12275.00	7401.68	-7405.05	-529.53	723342.49	375044.21	32°01'44.627"N	103°36'45.512"W	0.00	0.00	0.00	
20032.60†	90.000	179.648	12275.00	7501.68	-7505.05	-528.92	723343.10	374944.22	32°01'43.637"N	103°36'45.513"W	0.00	0.00	0.00	
20132.60†	90.000	179.648	12275.00	7601.68	-7605.05	-528.30	723343.72	374844.22	32°01'42.648"N	103°36'45.513"W	0.00	0.00	0.00	
20232.60†	90.000	179.648	12275.00	7701.68	-7705.05	-527.69	723344.33	374744.23	32°01'41.658"N	103°36'45.514"W	0.00	0.00	0.00	



Planned Wellpath Report

SD EA 18 19 Fed P14 12H Rev A.0

Page 9 of 10



REFERENCE WELLPATH IDENTIFICATION

Operator	Chevron U.S.A. Inc.	Slot	SD EA 18 19 Fed P14 12H
Area	Lea County, NM	Well	SD EA 18 19 Fed P14 12H
Field	Jennings / Upper BN SPRN Shale (Lea County, NM)	Wellbore	SD EA 18 19 Fed P14 12H
Facility	SD EA 18 19 Fed 14		

WELLPATH DATA (233 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
20332.60†	90.000	179.648	12275.00	7801.68	-7805.04	-527.07	723344.95	374644.23	32°01'40.668"N	103°36'45.515"W	0.00	0.00	0.00	
20432.60†	90.000	179.648	12275.00	7901.68	-7905.04	-526.46	723345.56	374544.24	32°01'39.679"N	103°36'45.515"W	0.00	0.00	0.00	
20532.60†	90.000	179.648	12275.00	8001.68	-8005.04	-525.84	723346.17	374444.24	32°01'38.689"N	103°36'45.516"W	0.00	0.00	0.00	
20632.60†	90.000	179.648	12275.00	8101.68	-8105.04	-525.23	723346.79	374344.25	32°01'37.700"N	103°36'45.517"W	0.00	0.00	0.00	
20732.60†	90.000	179.648	12275.00	8201.68	-8205.04	-524.62	723347.40	374244.25	32°01'36.710"N	103°36'45.517"W	0.00	0.00	0.00	
20832.60†	90.000	179.648	12275.00	8301.68	-8305.04	-524.00	723348.02	374144.26	32°01'35.720"N	103°36'45.518"W	0.00	0.00	0.00	
20932.60†	90.000	179.648	12275.00	8401.68	-8405.03	-523.39	723348.63	374044.26	32°01'34.731"N	103°36'45.518"W	0.00	0.00	0.00	
21032.60†	90.000	179.648	12275.00	8501.68	-8505.03	-522.77	723349.25	373944.27	32°01'33.741"N	103°36'45.519"W	0.00	0.00	0.00	
21132.60†	90.000	179.648	12275.00	8601.68	-8605.03	-522.16	723349.86	373844.28	32°01'32.752"N	103°36'45.520"W	0.00	0.00	0.00	
21232.60†	90.000	179.648	12275.00	8701.68	-8705.03	-521.55	723350.47	373744.28	32°01'31.762"N	103°36'45.520"W	0.00	0.00	0.00	
21332.60†	90.000	179.648	12275.00	8801.68	-8805.03	-520.93	723351.09	373644.29	32°01'30.773"N	103°36'45.521"W	0.00	0.00	0.00	
21432.60†	90.000	179.648	12275.00	8901.68	-8905.02	-520.32	723351.70	373544.29	32°01'29.783"N	103°36'45.521"W	0.00	0.00	0.00	
21532.60†	90.000	179.648	12275.00	9001.68	-9005.02	-519.70	723352.32	373444.30	32°01'28.793"N	103°36'45.522"W	0.00	0.00	0.00	
21632.60†	90.000	179.648	12275.00	9101.68	-9105.02	-519.09	723352.93	373344.30	32°01'27.804"N	103°36'45.523"W	0.00	0.00	0.00	
21732.60†	90.000	179.648	12275.00	9201.68	-9205.02	-518.47	723353.54	373244.31	32°01'26.814"N	103°36'45.523"W	0.00	0.00	0.00	
21832.60†	90.000	179.648	12275.00	9301.68	-9305.02	-517.86	723354.16	373144.31	32°01'25.825"N	103°36'45.524"W	0.00	0.00	0.00	
21932.60†	90.000	179.648	12275.00	9401.68	-9405.01	-517.25	723354.77	373044.32	32°01'24.835"N	103°36'45.525"W	0.00	0.00	0.00	
22032.60†	90.000	179.648	12275.00	9501.68	-9505.01	-516.63	723355.39	372944.32	32°01'23.846"N	103°36'45.525"W	0.00	0.00	0.00	
22132.60†	90.000	179.648	12275.00	9601.68	-9605.01	-516.02	723356.00	372844.33	32°01'22.856"N	103°36'45.526"W	0.00	0.00	0.00	
22232.60†	90.000	179.648	12275.00	9701.68	-9705.01	-515.40	723356.62	372744.34	32°01'21.866"N	103°36'45.526"W	0.00	0.00	0.00	
22332.60†	90.000	179.648	12275.00	9801.68	-9805.01	-514.79	723357.23	372644.34	32°01'20.877"N	103°36'45.527"W	0.00	0.00	0.00	
22432.60†	90.000	179.648	12275.00	9901.68	-9905.01	-514.17	723357.84	372544.35	32°01'19.887"N	103°36'45.528"W	0.00	0.00	0.00	
22457.95	90.000	179.648	12275.00†	9927.03	-9930.35	-514.02	723358.00	372519.00	32°01'19.636"N	103°36'45.528"W	0.00	0.00	0.00	End of Tangent



Planned Wellpath Report

SD EA 18 19 Fed P14 12H Rev A.0

Page 10 of 10



REFERENCE WELLPATH IDENTIFICATION

Operator	Chevron U.S.A. Inc.	Slot	SD EA 18 19 Fed P14 12H
Area	Lea County, NM	Well	SD EA 18 19 Fed P14 12H
Field	Jennings / Upper BN SPRN Shale (Lea County, NM)	Wellbore	SD EA 18 19 Fed P14 12H
Facility	SD EA 18 19 Fed 14		

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
1) SD EA 18 19 Fed P14 12H PBHL rev 1	22457.95	12275.00	-9930.35	-514.02	723358.00	372519.00	32°01'19.636"N	103°36'45.528"W	point

SURVEY PROGRAM - Ref Wellbore: SD EA 18 19 Fed P14 12H Ref Wellpath: SD EA 18 19 Fed P14 12H Rev A.0

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
32.60	22457.95	BHI NaviTrak (Standard)		SD EA 18 19 Fed P14 12H