



Planned Wellpath Report

SD EA 18 19 Fed P14 14H Rev A.0

Page 1 of 10



REFERENCE WELLPATH IDENTIFICATION

Operator	Chevron U.S.A. Inc.	Slot	SD EA 18 19 Fed P14 14H
Area	Lea County, NM	Well	SD EA 18 19 Fed P14 14H
Field	Jennings / Upper BN SPRN Shale (Lea County, NM)	Wellbore	SD EA 18 19 Fed P14 14H
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 1:06:49 PM
Convergence at slot	0.38° East	Database/Source file	WA_Midland/SD_EA_18_19_Fed_P14_14H_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	50.00	723922.00	382449.00	32°02'57.865"N	103°36'38.205"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 14H)	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°

HOBBS OCD
OCT 24 2017
RECEIVED



Planned Wellpath Report

SD EA 18 19 Fed P14 14H Rev A.0

Page 2 of 10



REFERENCE WELLPATH IDENTIFICATION

Operator	Chevron U.S.A. Inc.	Slot	SD EA 18 19 Fed P14 14H
Area	Lea County, NM	Well	SD EA 18 19 Fed P14 14H
Field	Jennings / Upper BN SPRN Shale (Lea County, NM)	Wellbore	SD EA 18 19 Fed P14 14H
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	25.296	0.00	0.00	0.00	0.00	723922.00	382449.00	32°02'57.865"N	103°36'38.205"W	0.00	0.00	0.00	
32.60†	0.000	25.296	32.60	0.00	0.00	0.00	723922.00	382449.00	32°02'57.865"N	103°36'38.205"W	0.00	0.00	0.00	Tie On
132.60†	0.000	25.296	132.60	0.00	0.00	0.00	723922.00	382449.00	32°02'57.865"N	103°36'38.205"W	0.00	0.00	0.00	
232.60†	0.000	25.296	232.60	0.00	0.00	0.00	723922.00	382449.00	32°02'57.865"N	103°36'38.205"W	0.00	0.00	0.00	
332.60†	0.000	25.296	332.60	0.00	0.00	0.00	723922.00	382449.00	32°02'57.865"N	103°36'38.205"W	0.00	0.00	0.00	
432.60†	0.000	25.296	432.60	0.00	0.00	0.00	723922.00	382449.00	32°02'57.865"N	103°36'38.205"W	0.00	0.00	0.00	
532.60†	0.000	25.296	532.60	0.00	0.00	0.00	723922.00	382449.00	32°02'57.865"N	103°36'38.205"W	0.00	0.00	0.00	
632.60†	0.000	25.296	632.60	0.00	0.00	0.00	723922.00	382449.00	32°02'57.865"N	103°36'38.205"W	0.00	0.00	0.00	
732.60†	0.000	25.296	732.60	0.00	0.00	0.00	723922.00	382449.00	32°02'57.865"N	103°36'38.205"W	0.00	0.00	0.00	
832.60†	0.000	25.296	832.60	0.00	0.00	0.00	723922.00	382449.00	32°02'57.865"N	103°36'38.205"W	0.00	0.00	0.00	
932.60†	0.000	25.296	932.60	0.00	0.00	0.00	723922.00	382449.00	32°02'57.865"N	103°36'38.205"W	0.00	0.00	0.00	
1032.60†	0.000	25.296	1032.60	0.00	0.00	0.00	723922.00	382449.00	32°02'57.865"N	103°36'38.205"W	0.00	0.00	0.00	
1132.60†	0.000	25.296	1132.60	0.00	0.00	0.00	723922.00	382449.00	32°02'57.865"N	103°36'38.205"W	0.00	0.00	0.00	
1232.60†	0.000	25.296	1232.60	0.00	0.00	0.00	723922.00	382449.00	32°02'57.865"N	103°36'38.205"W	0.00	0.00	0.00	
1332.60†	0.000	25.296	1332.60	0.00	0.00	0.00	723922.00	382449.00	32°02'57.865"N	103°36'38.205"W	0.00	0.00	0.00	
1432.60†	0.000	25.296	1432.60	0.00	0.00	0.00	723922.00	382449.00	32°02'57.865"N	103°36'38.205"W	0.00	0.00	0.00	
1532.60†	0.000	25.296	1532.60	0.00	0.00	0.00	723922.00	382449.00	32°02'57.865"N	103°36'38.205"W	0.00	0.00	0.00	
1632.60†	0.000	25.296	1632.60	0.00	0.00	0.00	723922.00	382449.00	32°02'57.865"N	103°36'38.205"W	0.00	0.00	0.00	
1700.00	0.000	25.296	1700.00	0.00	0.00	0.00	723922.00	382449.00	32°02'57.865"N	103°36'38.205"W	0.00	0.00	0.00	End of Tangent
1732.60†	0.326	25.296	1732.60	-0.08	0.08	0.04	723922.04	382449.08	32°02'57.866"N	103°36'38.205"W	1.00	1.00	77.60	
1832.60†	1.326	25.296	1832.59	-1.38	1.39	0.66	723922.66	382450.39	32°02'57.879"N	103°36'38.197"W	1.00	1.00	0.00	
1932.60†	2.326	25.296	1932.54	-4.26	4.27	2.02	723924.02	382453.27	32°02'57.907"N	103°36'38.181"W	1.00	1.00	0.00	
2032.60†	3.326	25.296	2032.41	-8.70	8.73	4.12	723926.12	382457.73	32°02'57.951"N	103°36'38.157"W	1.00	1.00	0.00	
2132.60†	4.326	25.296	2132.19	-14.72	14.76	6.97	723928.97	382463.76	32°02'58.011"N	103°36'38.123"W	1.00	1.00	0.00	
2232.60†	5.326	25.296	2231.83	-22.30	22.36	10.57	723932.57	382471.36	32°02'58.086"N	103°36'38.081"W	1.00	1.00	0.00	
2332.60†	6.326	25.296	2331.32	-31.45	31.54	14.91	723936.91	382480.54	32°02'58.176"N	103°36'38.029"W	1.00	1.00	0.00	
2432.60†	7.326	25.296	2430.61	-42.16	42.29	19.99	723941.98	382491.29	32°02'58.282"N	103°36'37.970"W	1.00	1.00	0.00	
2532.60†	8.326	25.296	2529.67	-54.44	54.60	25.80	723947.80	382503.60	32°02'58.404"N	103°36'37.901"W	1.00	1.00	0.00	
2632.60†	9.326	25.296	2628.49	-68.27	68.47	32.36	723954.36	382517.47	32°02'58.541"N	103°36'37.824"W	1.00	1.00	0.00	
2700.00	10.000	25.296	2694.93	-78.47	78.70	37.19	723959.19	382527.70	32°02'58.642"N	103°36'37.767"W	1.00	1.00	0.00	End of Build



Planned Wellpath Report

SD EA 18 19 Fed P14 14H Rev A.0

Page 3 of 10



REFERENCE WELLPATH IDENTIFICATION

Operator	Chevron U.S.A. Inc.	Slot	SD EA 18 19 Fed P14 14H
Area	Lea County, NM	Well	SD EA 18 19 Fed P14 14H
Field	Jennings / Upper BN SPRN Shale (Lea County, NM)	Wellbore	SD EA 18 19 Fed P14 14H
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	25.296	2727.04	-83.57	83.82	39.61	723961.61	382532.81	32°02'58.692"N	103°36'37.738"W	0.00	0.00	0.00	
2832.60†	10.000	25.296	2825.52	-99.23	99.52	47.03	723969.03	382548.51	32°02'58.847"N	103°36'37.651"W	0.00	0.00	0.00	
2932.60†	10.000	25.296	2924.00	-114.88	115.22	54.45	723976.45	382564.21	32°02'59.002"N	103°36'37.564"W	0.00	0.00	0.00	
3032.60†	10.000	25.296	3022.48	-130.54	130.92	61.87	723983.87	382579.91	32°02'59.157"N	103°36'37.476"W	0.00	0.00	0.00	
3132.60†	10.000	25.296	3120.96	-146.19	146.62	69.29	723991.29	382595.61	32°02'59.312"N	103°36'37.389"W	0.00	0.00	0.00	
3232.60†	10.000	25.296	3219.44	-161.84	162.32	76.71	723998.71	382611.31	32°02'59.466"N	103°36'37.301"W	0.00	0.00	0.00	
3332.60†	10.000	25.296	3317.92	-177.50	178.02	84.13	724006.13	382627.01	32°02'59.621"N	103°36'37.214"W	0.00	0.00	0.00	
3432.60†	10.000	25.296	3416.40	-193.15	193.71	91.55	724013.55	382642.71	32°02'59.776"N	103°36'37.126"W	0.00	0.00	0.00	
3532.60†	10.000	25.296	3514.88	-208.81	209.41	98.97	724020.97	382658.41	32°02'59.931"N	103°36'37.039"W	0.00	0.00	0.00	
3632.60†	10.000	25.296	3613.36	-224.46	225.11	106.39	724028.39	382674.11	32°03'00.086"N	103°36'36.952"W	0.00	0.00	0.00	
3732.60†	10.000	25.296	3711.84	-240.11	240.81	113.81	724035.81	382689.81	32°03'00.241"N	103°36'36.864"W	0.00	0.00	0.00	
3832.60†	10.000	25.296	3810.32	-255.77	256.51	121.23	724043.23	382705.50	32°03'00.396"N	103°36'36.777"W	0.00	0.00	0.00	
3932.60†	10.000	25.296	3908.80	-271.42	272.21	128.65	724050.65	382721.20	32°03'00.550"N	103°36'36.689"W	0.00	0.00	0.00	
4032.60†	10.000	25.296	4007.29	-287.08	287.91	136.07	724058.07	382736.90	32°03'00.705"N	103°36'36.602"W	0.00	0.00	0.00	
4132.60†	10.000	25.296	4105.77	-302.73	303.61	143.49	724065.49	382752.60	32°03'00.860"N	103°36'36.514"W	0.00	0.00	0.00	
4232.60†	10.000	25.296	4204.25	-318.39	319.31	150.91	724072.91	382768.30	32°03'01.015"N	103°36'36.427"W	0.00	0.00	0.00	
4292.51	10.000	25.296	4263.25	-327.76	328.72	155.36	724077.35	382777.71	32°03'01.108"N	103°36'36.375"W	0.00	0.00	0.00	End of Tangent
4332.60†	9.599	25.296	4302.75	-333.91	334.89	158.27	724080.27	382783.88	32°03'01.169"N	103°36'36.340"W	1.00	-1.00	0.00	
4432.60†	8.599	25.296	4401.49	-348.17	349.19	165.03	724087.02	382798.17	32°03'01.310"N	103°36'36.261"W	1.00	-1.00	0.00	
4532.60†	7.599	25.296	4500.49	-360.87	361.92	171.05	724093.04	382810.91	32°03'01.435"N	103°36'36.190"W	1.00	-1.00	0.00	
4632.60†	6.599	25.296	4599.73	-372.01	373.10	176.33	724098.32	382822.08	32°03'01.546"N	103°36'36.127"W	1.00	-1.00	0.00	
4732.60†	5.599	25.296	4699.16	-381.59	382.70	180.87	724102.86	382831.69	32°03'01.640"N	103°36'36.074"W	1.00	-1.00	0.00	
4832.60†	4.599	25.296	4798.76	-389.60	390.74	184.67	724106.66	382839.72	32°03'01.720"N	103°36'36.029"W	1.00	-1.00	0.00	
4932.60†	3.599	25.296	4898.50	-396.05	397.20	187.72	724109.72	382846.19	32°03'01.783"N	103°36'35.993"W	1.00	-1.00	0.00	
5032.60†	2.599	25.296	4998.36	-400.92	402.09	190.03	724112.03	382851.07	32°03'01.832"N	103°36'35.966"W	1.00	-1.00	0.00	
5132.60†	1.599	25.296	5098.29	-404.22	405.40	191.60	724113.59	382854.39	32°03'01.864"N	103°36'35.948"W	1.00	-1.00	0.00	
5232.60†	0.599	25.296	5198.27	-405.95	407.13	192.42	724114.41	382856.12	32°03'01.881"N	103°36'35.938"W	1.00	-1.00	0.00	
5292.51	0.000	179.648	5258.18	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	1.00	-1.00	-42.22	End of Drop
5332.60†	0.000	179.648	5298.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
5432.60†	0.000	179.648	5398.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	



Planned Wellpath Report

SD EA 18 19 Fed P14 14H Rev A.0

Page 4 of 10



REFERENCE WELLPATH IDENTIFICATION

Operator	Chevron U.S.A. Inc.	Slot	SD EA 18 19 Fed P14 14H
Area	Lea County, NM	Well	SD EA 18 19 Fed P14 14H
Field	Jennings / Upper BN SPRN Shale (Lea County, NM)	Wellbore	SD EA 18 19 Fed P14 14H
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
5532.60†	0.000	179.648	5498.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
5632.60†	0.000	179.648	5598.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
5732.60†	0.000	179.648	5698.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
5832.60†	0.000	179.648	5798.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
5932.60†	0.000	179.648	5898.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
6032.60†	0.000	179.648	5998.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
6132.60†	0.000	179.648	6098.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
6232.60†	0.000	179.648	6198.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
6332.60†	0.000	179.648	6298.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
6432.60†	0.000	179.648	6398.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
6532.60†	0.000	179.648	6498.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
6632.60†	0.000	179.648	6598.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
6732.60†	0.000	179.648	6698.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
6832.60†	0.000	179.648	6798.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
6932.60†	0.000	179.648	6898.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
7032.60†	0.000	179.648	6998.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
7132.60†	0.000	179.648	7098.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
7232.60†	0.000	179.648	7198.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
7332.60†	0.000	179.648	7298.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
7432.60†	0.000	179.648	7398.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
7532.60†	0.000	179.648	7498.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
7632.60†	0.000	179.648	7598.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
7732.60†	0.000	179.648	7698.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
7832.60†	0.000	179.648	7798.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
7932.60†	0.000	179.648	7898.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
8032.60†	0.000	179.648	7998.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
8132.60†	0.000	179.648	8098.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
8232.60†	0.000	179.648	8198.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
8332.60†	0.000	179.648	8298.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
8432.60†	0.000	179.648	8398.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	



Planned Wellpath Report

SD EA 18 19 Fed P14 14H Rev A.0

Page 5 of 10



REFERENCE WELLPATH IDENTIFICATION

Operator	Chevron U.S.A. Inc.	Slot	SD EA 18 19 Fed P14 14H
Area	Lea County, NM	Well	SD EA 18 19 Fed P14 14H
Field	Jennings / Upper BN SPRN Shale (Lea County, NM)	Wellbore	SD EA 18 19 Fed P14 14H
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	8498.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
8632.60†	0.000	179.648	8598.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
8732.60†	0.000	179.648	8698.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
8832.60†	0.000	179.648	8798.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
8932.60†	0.000	179.648	8898.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
9032.60†	0.000	179.648	8998.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
9132.60†	0.000	179.648	9098.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
9232.60†	0.000	179.648	9198.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
9332.60†	0.000	179.648	9298.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
9432.60†	0.000	179.648	9398.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
9532.60†	0.000	179.648	9498.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
9632.60†	0.000	179.648	9598.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
9732.60†	0.000	179.648	9698.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
9832.60†	0.000	179.648	9798.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
9932.60†	0.000	179.648	9898.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
10032.60†	0.000	179.648	9998.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
10132.60†	0.000	179.648	10098.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
10232.60†	0.000	179.648	10198.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
10332.60†	0.000	179.648	10298.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
10432.60†	0.000	179.648	10398.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
10532.60†	0.000	179.648	10498.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
10632.60†	0.000	179.648	10598.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
10732.60†	0.000	179.648	10698.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
10832.60†	0.000	179.648	10798.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
10932.60†	0.000	179.648	10898.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
11032.60†	0.000	179.648	10998.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
11132.60†	0.000	179.648	11098.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
11232.60†	0.000	179.648	11198.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
11332.60†	0.000	179.648	11298.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
11432.60†	0.000	179.648	11398.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	



Planned Wellpath Report

SD EA 18 19 Fed P14 14H Rev A.0

Page 6 of 10



REFERENCE WELLPATH IDENTIFICATION

Operator	Chevron U.S.A. Inc.	Slot	SD EA 18 19 Fed P14 14H
Area	Lea County, NM	Well	SD EA 18 19 Fed P14 14H
Field	Jennings / Upper BN SPRN Shale (Lea County, NM)	Wellbore	SD EA 18 19 Fed P14 14H
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	11498.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
11632.60†	0.000	179.648	11598.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
11732.60†	0.000	179.648	11698.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	
11831.87	0.000	179.648	11797.54	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	0.00	0.00	0.00	End of Tangent
11832.60†	0.088	179.648	11798.27	-406.23	407.42	192.55	724114.54	382856.40	32°03'01.884"N	103°36'35.936"W	12.00	12.00	24525.24	
11932.60†	12.088	179.648	11897.52	-395.65	396.83	192.62	724114.61	382845.82	32°03'01.779"N	103°36'35.936"W	12.00	12.00	0.00	
12032.60†	24.088	179.648	11992.41	-364.66	365.84	192.81	724114.80	382814.83	32°03'01.473"N	103°36'35.937"W	12.00	12.00	0.00	
12132.60†	36.088	179.648	12078.77	-314.62	315.80	193.11	724115.11	382764.79	32°03'00.978"N	103°36'35.937"W	12.00	12.00	0.00	
12232.60†	48.088	179.648	12152.85	-247.71	248.90	193.52	724115.52	382697.89	32°03'00.315"N	103°36'35.937"W	12.00	12.00	0.00	
12332.60†	60.088	179.648	12211.40	-166.87	168.06	194.02	724116.01	382617.05	32°02'59.515"N	103°36'35.938"W	12.00	12.00	0.00	
12432.60†	72.088	179.648	12251.86	-75.62	76.81	194.58	724116.57	382525.80	32°02'58.612"N	103°36'35.939"W	12.00	12.00	0.00	
12532.60†	84.088	179.648	12272.46	22.05	-20.86	195.18	724117.17	382428.14	32°02'57.646"N	103°36'35.939"W	12.00	12.00	0.00	
12581.87	90.000	179.648	12275.00	71.23	-70.04	195.48	724117.48	382378.96	32°02'57.159"N	103°36'35.939"W	12.00	12.00	0.00	End of Build
12632.60†	90.000	179.648	12275.00	121.96	-120.77	195.80	724117.79	382328.23	32°02'56.657"N	103°36'35.940"W	0.00	0.00	0.00	
12732.60†	90.000	179.648	12275.00	221.96	-220.77	196.41	724118.40	382228.24	32°02'55.668"N	103°36'35.940"W	0.00	0.00	0.00	
12832.60†	90.000	179.648	12275.00	321.96	-320.77	197.02	724119.02	382128.25	32°02'54.678"N	103°36'35.941"W	0.00	0.00	0.00	
12932.60†	90.000	179.648	12275.00	421.96	-420.76	197.64	724119.63	382028.25	32°02'53.689"N	103°36'35.942"W	0.00	0.00	0.00	
13032.60†	90.000	179.648	12275.00	521.96	-520.76	198.25	724120.25	381928.26	32°02'52.699"N	103°36'35.942"W	0.00	0.00	0.00	
13132.60†	90.000	179.648	12275.00	621.96	-620.76	198.87	724120.86	381828.26	32°02'51.709"N	103°36'35.943"W	0.00	0.00	0.00	
13232.60†	90.000	179.648	12275.00	721.96	-720.76	199.48	724121.47	381728.27	32°02'50.720"N	103°36'35.944"W	0.00	0.00	0.00	
13332.60†	90.000	179.648	12275.00	821.96	-820.76	200.09	724122.09	381628.27	32°02'49.730"N	103°36'35.944"W	0.00	0.00	0.00	
13432.60†	90.000	179.648	12275.00	921.96	-920.75	200.71	724122.70	381528.28	32°02'48.741"N	103°36'35.945"W	0.00	0.00	0.00	
13532.60†	90.000	179.648	12275.00	1021.96	-1020.75	201.32	724123.32	381428.28	32°02'47.751"N	103°36'35.946"W	0.00	0.00	0.00	
13632.60†	90.000	179.648	12275.00	1121.96	-1120.75	201.94	724123.93	381328.29	32°02'46.762"N	103°36'35.946"W	0.00	0.00	0.00	
13732.60†	90.000	179.648	12275.00	1221.96	-1220.75	202.55	724124.54	381228.29	32°02'45.772"N	103°36'35.947"W	0.00	0.00	0.00	
13832.60†	90.000	179.648	12275.00	1321.96	-1320.75	203.17	724125.16	381128.30	32°02'44.782"N	103°36'35.948"W	0.00	0.00	0.00	
13932.60†	90.000	179.648	12275.00	1421.96	-1420.74	203.78	724125.77	381028.31	32°02'43.793"N	103°36'35.948"W	0.00	0.00	0.00	
14032.60†	90.000	179.648	12275.00	1521.96	-1520.74	204.39	724126.39	380928.31	32°02'42.803"N	103°36'35.949"W	0.00	0.00	0.00	
14132.60†	90.000	179.648	12275.00	1621.96	-1620.74	205.01	724127.00	380828.32	32°02'41.814"N	103°36'35.949"W	0.00	0.00	0.00	
14232.60†	90.000	179.648	12275.00	1721.96	-1720.74	205.62	724127.62	380728.32	32°02'40.824"N	103°36'35.950"W	0.00	0.00	0.00	



Planned Wellpath Report

SD EA 18 19 Fed P14 14H Rev A.0

Page 7 of 10



REFERENCE WELLPATH IDENTIFICATION

Operator	Chevron U.S.A. Inc.	Slot	SD EA 18 19 Fed P14 14H
Area	Lea County, NM	Well	SD EA 18 19 Fed P14 14H
Field	Jennings / Upper BN SPRN Shale (Lea County, NM)	Wellbore	SD EA 18 19 Fed P14 14H
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	1821.96	-1820.74	206.24	724128.23	380628.33	32°02'39.834"N	103°36'35.951"W	0.00	0.00	0.00	
14432.60†	90.000	179.648	12275.00	1921.96	-1920.74	206.85	724128.84	380528.33	32°02'38.845"N	103°36'35.951"W	0.00	0.00	0.00	
14532.60†	90.000	179.648	12275.00	2021.96	-2020.73	207.47	724129.46	380428.34	32°02'37.855"N	103°36'35.952"W	0.00	0.00	0.00	
14632.60†	90.000	179.648	12275.00	2121.96	-2120.73	208.08	724130.07	380328.34	32°02'36.866"N	103°36'35.953"W	0.00	0.00	0.00	
14732.60†	90.000	179.648	12275.00	2221.96	-2220.73	208.69	724130.69	380228.35	32°02'35.876"N	103°36'35.953"W	0.00	0.00	0.00	
14832.60†	90.000	179.648	12275.00	2321.96	-2320.73	209.31	724131.30	380128.35	32°02'34.887"N	103°36'35.954"W	0.00	0.00	0.00	
14932.60†	90.000	179.648	12275.00	2421.96	-2420.73	209.92	724131.92	380028.36	32°02'33.897"N	103°36'35.955"W	0.00	0.00	0.00	
15032.60†	90.000	179.648	12275.00	2521.96	-2520.72	210.54	724132.53	379928.37	32°02'32.907"N	103°36'35.955"W	0.00	0.00	0.00	
15132.60†	90.000	179.648	12275.00	2621.96	-2620.72	211.15	724133.14	379828.37	32°02'31.918"N	103°36'35.956"W	0.00	0.00	0.00	
15232.60†	90.000	179.648	12275.00	2721.96	-2720.72	211.77	724133.76	379728.38	32°02'30.928"N	103°36'35.957"W	0.00	0.00	0.00	
15332.60†	90.000	179.648	12275.00	2821.96	-2820.72	212.38	724134.37	379628.38	32°02'29.939"N	103°36'35.957"W	0.00	0.00	0.00	
15432.60†	90.000	179.648	12275.00	2921.96	-2920.72	212.99	724134.99	379528.39	32°02'28.949"N	103°36'35.958"W	0.00	0.00	0.00	
15532.60†	90.000	179.648	12275.00	3021.96	-3020.71	213.61	724135.60	379428.39	32°02'27.960"N	103°36'35.959"W	0.00	0.00	0.00	
15632.60†	90.000	179.648	12275.00	3121.96	-3120.71	214.22	724136.22	379328.40	32°02'26.970"N	103°36'35.959"W	0.00	0.00	0.00	
15732.60†	90.000	179.648	12275.00	3221.96	-3220.71	214.84	724136.83	379228.40	32°02'25.980"N	103°36'35.960"W	0.00	0.00	0.00	
15832.60†	90.000	179.648	12275.00	3321.96	-3320.71	215.45	724137.44	379128.41	32°02'24.991"N	103°36'35.960"W	0.00	0.00	0.00	
15932.60†	90.000	179.648	12275.00	3421.96	-3420.71	216.07	724138.06	379028.41	32°02'24.001"N	103°36'35.961"W	0.00	0.00	0.00	
16032.60†	90.000	179.648	12275.00	3521.96	-3520.71	216.68	724138.67	378928.42	32°02'23.012"N	103°36'35.962"W	0.00	0.00	0.00	
16132.60†	90.000	179.648	12275.00	3621.96	-3620.70	217.29	724139.29	378828.43	32°02'22.022"N	103°36'35.962"W	0.00	0.00	0.00	
16232.60†	90.000	179.648	12275.00	3721.96	-3720.70	217.91	724139.90	378728.43	32°02'21.033"N	103°36'35.963"W	0.00	0.00	0.00	
16332.60†	90.000	179.648	12275.00	3821.96	-3820.70	218.52	724140.51	378628.44	32°02'20.043"N	103°36'35.964"W	0.00	0.00	0.00	
16432.60†	90.000	179.648	12275.00	3921.96	-3920.70	219.14	724141.13	378528.44	32°02'19.053"N	103°36'35.964"W	0.00	0.00	0.00	
16532.60†	90.000	179.648	12275.00	4021.96	-4020.70	219.75	724141.74	378428.45	32°02'18.064"N	103°36'35.965"W	0.00	0.00	0.00	
16632.60†	90.000	179.648	12275.00	4121.96	-4120.69	220.37	724142.36	378328.45	32°02'17.074"N	103°36'35.966"W	0.00	0.00	0.00	
16732.60†	90.000	179.648	12275.00	4221.96	-4220.69	220.98	724142.97	378228.46	32°02'16.085"N	103°36'35.966"W	0.00	0.00	0.00	
16832.60†	90.000	179.648	12275.00	4321.96	-4320.69	221.59	724143.59	378128.46	32°02'15.095"N	103°36'35.967"W	0.00	0.00	0.00	
16932.60†	90.000	179.648	12275.00	4421.96	-4420.69	222.21	724144.20	378028.47	32°02'14.106"N	103°36'35.968"W	0.00	0.00	0.00	
17032.60†	90.000	179.648	12275.00	4521.96	-4520.69	222.82	724144.81	377928.47	32°02'13.116"N	103°36'35.968"W	0.00	0.00	0.00	
17132.60†	90.000	179.648	12275.00	4621.96	-4620.68	223.44	724145.43	377828.48	32°02'12.126"N	103°36'35.969"W	0.00	0.00	0.00	
17232.60†	90.000	179.648	12275.00	4721.96	-4720.68	224.05	724146.04	377728.48	32°02'11.137"N	103°36'35.969"W	0.00	0.00	0.00	



Planned Wellpath Report

SD EA 18 19 Fed P14 14H Rev A.0

Page 8 of 10



REFERENCE WELLPATH IDENTIFICATION

Operator	Chevron U.S.A. Inc.	Slot	SD EA 18 19 Fed P14 14H
Area	Lea County, NM	Well	SD EA 18 19 Fed P14 14H
Field	Jennings / Upper BN SPRN Shale (Lea County, NM)	Wellbore	SD EA 18 19 Fed P14 14H
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	4821.96	-4820.68	224.67	724146.66	377628.49	32°02'10.147"N	103°36'35.970"W	0.00	0.00	0.00	
17432.60†	90.000	179.648	12275.00	4921.96	-4920.68	225.28	724147.27	377528.50	32°02'09.158"N	103°36'35.971"W	0.00	0.00	0.00	
17532.60†	90.000	179.648	12275.00	5021.96	-5020.68	225.89	724147.89	377428.50	32°02'08.168"N	103°36'35.971"W	0.00	0.00	0.00	
17632.60†	90.000	179.648	12275.00	5121.96	-5120.68	226.51	724148.50	377328.51	32°02'07.179"N	103°36'35.972"W	0.00	0.00	0.00	
17732.60†	90.000	179.648	12275.00	5221.96	-5220.67	227.12	724149.11	377228.51	32°02'06.189"N	103°36'35.973"W	0.00	0.00	0.00	
17832.60†	90.000	179.648	12275.00	5321.96	-5320.67	227.74	724149.73	377128.52	32°02'05.199"N	103°36'35.973"W	0.00	0.00	0.00	
17932.60†	90.000	179.648	12275.00	5421.96	-5420.67	228.35	724150.34	377028.52	32°02'04.210"N	103°36'35.974"W	0.00	0.00	0.00	
18032.60†	90.000	179.648	12275.00	5521.96	-5520.67	228.96	724150.96	376928.53	32°02'03.220"N	103°36'35.975"W	0.00	0.00	0.00	
18132.60†	90.000	179.648	12275.00	5621.96	-5620.67	229.58	724151.57	376828.53	32°02'02.231"N	103°36'35.975"W	0.00	0.00	0.00	
18232.60†	90.000	179.648	12275.00	5721.96	-5720.66	230.19	724152.19	376728.54	32°02'01.241"N	103°36'35.976"W	0.00	0.00	0.00	
18332.60†	90.000	179.648	12275.00	5821.96	-5820.66	230.81	724152.80	376628.54	32°02'00.251"N	103°36'35.977"W	0.00	0.00	0.00	
18432.60†	90.000	179.648	12275.00	5921.96	-5920.66	231.42	724153.41	376528.55	32°01'59.262"N	103°36'35.977"W	0.00	0.00	0.00	
18532.60†	90.000	179.648	12275.00	6021.96	-6020.66	232.04	724154.03	376428.56	32°01'58.272"N	103°36'35.978"W	0.00	0.00	0.00	
18632.60†	90.000	179.648	12275.00	6121.96	-6120.66	232.65	724154.64	376328.56	32°01'57.283"N	103°36'35.979"W	0.00	0.00	0.00	
18732.60†	90.000	179.648	12275.00	6221.96	-6220.65	233.26	724155.26	376228.57	32°01'56.293"N	103°36'35.979"W	0.00	0.00	0.00	
18832.60†	90.000	179.648	12275.00	6321.96	-6320.65	233.88	724155.87	376128.57	32°01'55.304"N	103°36'35.980"W	0.00	0.00	0.00	
18932.60†	90.000	179.648	12275.00	6421.96	-6420.65	234.49	724156.48	376028.58	32°01'54.314"N	103°36'35.980"W	0.00	0.00	0.00	
19032.60†	90.000	179.648	12275.00	6521.96	-6520.65	235.11	724157.10	375928.58	32°01'53.324"N	103°36'35.981"W	0.00	0.00	0.00	
19132.60†	90.000	179.648	12275.00	6621.96	-6620.65	235.72	724157.71	375828.59	32°01'52.335"N	103°36'35.982"W	0.00	0.00	0.00	
19232.60†	90.000	179.648	12275.00	6721.96	-6720.64	236.34	724158.33	375728.59	32°01'51.345"N	103°36'35.982"W	0.00	0.00	0.00	
19332.60†	90.000	179.648	12275.00	6821.96	-6820.64	236.95	724158.94	375628.60	32°01'50.356"N	103°36'35.983"W	0.00	0.00	0.00	
19432.60†	90.000	179.648	12275.00	6921.96	-6920.64	237.56	724159.56	375528.60	32°01'49.366"N	103°36'35.984"W	0.00	0.00	0.00	
19532.60†	90.000	179.648	12275.00	7021.96	-7020.64	238.18	724160.17	375428.61	32°01'48.377"N	103°36'35.984"W	0.00	0.00	0.00	
19632.60†	90.000	179.648	12275.00	7121.96	-7120.64	238.79	724160.78	375328.62	32°01'47.387"N	103°36'35.985"W	0.00	0.00	0.00	
19732.60†	90.000	179.648	12275.00	7221.96	-7220.64	239.41	724161.40	375228.62	32°01'46.397"N	103°36'35.986"W	0.00	0.00	0.00	
19832.60†	90.000	179.648	12275.00	7321.96	-7320.63	240.02	724162.01	375128.63	32°01'45.408"N	103°36'35.986"W	0.00	0.00	0.00	
19932.60†	90.000	179.648	12275.00	7421.96	-7420.63	240.64	724162.63	375028.63	32°01'44.418"N	103°36'35.987"W	0.00	0.00	0.00	
20032.60†	90.000	179.648	12275.00	7521.96	-7520.63	241.25	724163.24	374928.64	32°01'43.429"N	103°36'35.988"W	0.00	0.00	0.00	
20132.60†	90.000	179.648	12275.00	7621.96	-7620.63	241.86	724163.86	374828.64	32°01'42.439"N	103°36'35.988"W	0.00	0.00	0.00	
20232.60†	90.000	179.648	12275.00	7721.96	-7720.63	242.48	724164.47	374728.65	32°01'41.450"N	103°36'35.989"W	0.00	0.00	0.00	



Planned Wellpath Report

SD EA 18 19 Fed P14 14H Rev A.0

Page 9 of 10



REFERENCE WELLPATH IDENTIFICATION

Operator	Chevron U.S.A. Inc.	Slot	SD EA 18 19 Fed P14 14H
Area	Lea County, NM	Well	SD EA 18 19 Fed P14 14H
Field	Jennings / Upper BN SPRN Shale (Lea County, NM)	Wellbore	SD EA 18 19 Fed P14 14H
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	7821.96	-7820.62	243.09	724165.08	374628.65	32°01'40.460"N	103°36'35.989"W	0.00	0.00	0.00	
20432.60†	90.000	179.648	12275.00	7921.96	-7920.62	243.71	724165.70	374528.66	32°01'39.470"N	103°36'35.990"W	0.00	0.00	0.00	
20532.60†	90.000	179.648	12275.00	8021.96	-8020.62	244.32	724166.31	374428.66	32°01'38.481"N	103°36'35.991"W	0.00	0.00	0.00	
20632.60†	90.000	179.648	12275.00	8121.96	-8120.62	244.94	724166.93	374328.67	32°01'37.491"N	103°36'35.991"W	0.00	0.00	0.00	
20732.60†	90.000	179.648	12275.00	8221.96	-8220.62	245.55	724167.54	374228.67	32°01'36.502"N	103°36'35.992"W	0.00	0.00	0.00	
20832.60†	90.000	179.648	12275.00	8321.96	-8320.61	246.16	724168.16	374128.68	32°01'35.512"N	103°36'35.993"W	0.00	0.00	0.00	
20932.60†	90.000	179.648	12275.00	8421.96	-8420.61	246.78	724168.77	374028.69	32°01'34.522"N	103°36'35.993"W	0.00	0.00	0.00	
21032.60†	90.000	179.648	12275.00	8521.96	-8520.61	247.39	724169.38	373928.69	32°01'33.533"N	103°36'35.994"W	0.00	0.00	0.00	
21132.60†	90.000	179.648	12275.00	8621.96	-8620.61	248.01	724170.00	373828.70	32°01'32.543"N	103°36'35.995"W	0.00	0.00	0.00	
21232.60†	90.000	179.648	12275.00	8721.96	-8720.61	248.62	724170.61	373728.70	32°01'31.554"N	103°36'35.995"W	0.00	0.00	0.00	
21332.60†	90.000	179.648	12275.00	8821.96	-8820.61	249.24	724171.23	373628.71	32°01'30.564"N	103°36'35.996"W	0.00	0.00	0.00	
21432.60†	90.000	179.648	12275.00	8921.96	-8920.60	249.85	724171.84	373528.71	32°01'29.575"N	103°36'35.996"W	0.00	0.00	0.00	
21532.60†	90.000	179.648	12275.00	9021.96	-9020.60	250.46	724172.45	373428.72	32°01'28.585"N	103°36'35.997"W	0.00	0.00	0.00	
21632.60†	90.000	179.648	12275.00	9121.96	-9120.60	251.08	724173.07	373328.72	32°01'27.595"N	103°36'35.998"W	0.00	0.00	0.00	
21732.60†	90.000	179.648	12275.00	9221.96	-9220.60	251.69	724173.68	373228.73	32°01'26.606"N	103°36'35.998"W	0.00	0.00	0.00	
21832.60†	90.000	179.648	12275.00	9321.96	-9320.60	252.31	724174.30	373128.73	32°01'25.616"N	103°36'35.999"W	0.00	0.00	0.00	
21932.60†	90.000	179.648	12275.00	9421.96	-9420.59	252.92	724174.91	373028.74	32°01'24.627"N	103°36'36.000"W	0.00	0.00	0.00	
22032.60†	90.000	179.648	12275.00	9521.96	-9520.59	253.54	724175.53	372928.75	32°01'23.637"N	103°36'36.000"W	0.00	0.00	0.00	
22132.60†	90.000	179.648	12275.00	9621.96	-9620.59	254.15	724176.14	372828.75	32°01'22.648"N	103°36'36.001"W	0.00	0.00	0.00	
22232.60†	90.000	179.648	12275.00	9721.96	-9720.59	254.76	724176.75	372728.76	32°01'21.658"N	103°36'36.002"W	0.00	0.00	0.00	
22332.60†	90.000	179.648	12275.00	9821.96	-9820.59	255.38	724177.37	372628.76	32°01'20.668"N	103°36'36.002"W	0.00	0.00	0.00	
22432.60†	90.000	179.648	12275.00	9921.96	-9920.58	255.99	724177.98	372528.77	32°01'19.679"N	103°36'36.003"W	0.00	0.00	0.00	
22435.37	90.000	179.648	12275.00	9924.73	-9923.35	256.01	724178.00	372526.00	32°01'19.651"N	103°36'36.003"W	0.00	0.00	0.00	End of Tangent



Planned Wellpath Report

SD EA 18 19 Fed P14 14H Rev A.0

Page 10 of 10



REFERENCE WELLPATH IDENTIFICATION

Operator	Chevron U.S.A. Inc.	Slot	SD EA 18 19 Fed P14 14H
Area	Lea County, NM	Well	SD EA 18 19 Fed P14 14H
Field	Jennings / Upper BN SPRN Shale (Lea County, NM)	Wellbore	SD EA 18 19 Fed P14 14H
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 14H PBHL rev 1	22435.37	12275.00	-9923.35	256.01	724178.00	372526.00	32°01'19.651"N	103°36'36.003"W	point

SURVEY PROGRAM - Ref Wellbore: SD EA 18 19 Fed P14 14H Ref Wellpath: SD EA 18 19 Fed P14 14H Rev A.0

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
32.60	22435.37	BHI NaviTrak (Standard)		SD EA 18 19 Fed P14 14H