

STATE OF NEW MEXICO
COUNTY OF EDDY

I, **Seth Crawley**, certify that; I am employed by **Skyline Directional Drilling, LLC**; that I did on the day(s) of **7/3/2020 to 7/23/2020** did conduct or supervise the taking of MWD surveys from a depth of **178 feet to a depth of 26,196 feet**; that the data is true, correct, complete and within the limitations of the tool as set forth by **Skyline Directional Drilling, LLC**; that I am authorized and qualified to make this report; that this survey was conducted at the request of **Devon Energy Production Co.** for the **Maldives 15-27 Fed Com 234H** with the **API # 30-015-47061** in the Bone Spring field of **Eddy County, New Mexico**; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by **Skyline Directional Drilling, LLC**.

A handwritten signature in cursive script that reads 'Seth Crawley'. The signature is written in black ink and is positioned above a horizontal line.

Seth Crawley
Senior Well Planner



Devon Energy Production Company, L.P.

Eddy Co, New Mexico (NAD-83)

Sec 15-T23S-R31E(Maldives)

Maldives 15-27 Fed Com 234H

Original Hole

Design: As Drilled

Standard Survey Report

07 October, 2020



Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Well Maldives 15-27 Fed Com 234H
Project:	Eddy Co, New Mexico (NAD-83)	TVD Reference:	Cactus 129: RKB @ 3433.9usft
Site:	Sec 15-T23S-R31E(Maldives)	MD Reference:	Cactus 129: RKB @ 3433.9usft
Well:	Maldives 15-27 Fed Com 234H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Compass_DSN

Project	Eddy Co, New Mexico (NAD-83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Sec 15-T23S-R31E(Maldives)		
Site Position:		Northing:	477,592.96 usft
From:	Map	Easting:	714,064.76 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 18' 42.255 N
		Longitude:	103° 46' 27.232 W

Well	Maldives 15-27 Fed Com 234H		
Well Position	+N/-S	0.0 usft	Northing:
	+E/-W	0.0 usft	Easting:
Position Uncertainty	0.5 usft	Wellhead Elevation:	usft
Grid Convergence:	0.30 °	Latitude:	32° 18' 48.608 N
		Longitude:	103° 45' 47.748 W
		Ground Level:	3,408.9 usft

Wellbore	Original Hole		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF2015	6/3/2020	6.73
			Dip Angle (°)
			60.08
			Field Strength (nT)
			47,666.45353353

Design	As Drilled		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.0	0.0	0.0
			Direction (°)
			180.00

Survey Program	Date	10/7/2020		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
178.0	26,196.0	Survey #1 (Original Hole)	MWD	MWD - Skyline

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
178.0	0.40	25.40	178.0	0.6	0.3	-0.6	0.22	0.22	0.00	
272.0	0.40	45.27	272.0	1.1	0.6	-1.1	0.15	0.00	21.14	
367.0	0.44	60.30	367.0	1.5	1.2	-1.5	0.12	0.04	15.82	
462.0	0.53	52.21	462.0	2.0	1.9	-2.0	0.12	0.09	-8.52	
557.0	0.40	35.69	557.0	2.5	2.4	-2.5	0.20	-0.14	-17.39	
651.0	0.53	39.47	651.0	3.1	2.9	-3.1	0.14	0.14	4.02	
677.0	0.57	38.76	677.0	3.3	3.0	-3.3	0.16	0.15	-2.73	
806.0	0.70	60.03	806.0	4.2	4.1	-4.2	0.21	0.10	16.49	
901.0	0.66	48.61	901.0	4.8	5.0	-4.8	0.15	-0.04	-12.02	

Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Well Maldives 15-27 Fed Com 234H
Project:	Eddy Co, New Mexico (NAD-83)	TVD Reference:	Cactus 129: RKB @ 3433.9usft
Site:	Sec 15-T23S-R31E(Maldives)	MD Reference:	Cactus 129: RKB @ 3433.9usft
Well:	Maldives 15-27 Fed Com 234H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Compass_DSN

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
995.0	0.62	38.32	995.0	5.6	5.7	-5.6	0.13	-0.04	-10.95
1,090.0	0.57	39.99	1,090.0	6.4	6.4	-6.4	0.06	-0.05	1.76
1,185.0	0.44	28.92	1,185.0	7.0	6.8	-7.0	0.17	-0.14	-11.65
1,280.0	0.35	25.93	1,280.0	7.6	7.1	-7.6	0.10	-0.09	-3.15
1,374.0	0.13	40.52	1,374.0	8.0	7.3	-8.0	0.24	-0.23	15.52
1,470.0	0.18	336.36	1,470.0	8.2	7.4	-8.2	0.18	0.05	-66.83
1,565.0	0.18	151.09	1,565.0	8.2	7.4	-8.2	0.38	0.00	183.93
1,660.0	0.13	197.76	1,659.9	7.9	7.4	-7.9	0.14	-0.05	49.13
1,756.0	0.09	212.44	1,755.9	7.8	7.3	-7.8	0.05	-0.04	15.29
1,851.0	0.18	161.37	1,850.9	7.6	7.3	-7.6	0.15	0.09	-53.76
1,947.0	0.31	173.76	1,946.9	7.2	7.4	-7.2	0.15	0.14	12.91
2,042.0	0.66	290.57	2,041.9	7.1	6.9	-7.1	0.89	0.37	122.96
2,137.0	1.45	318.78	2,136.9	8.2	5.6	-8.2	0.97	0.83	29.69
2,232.0	1.93	318.61	2,231.9	10.3	3.8	-10.3	0.51	0.51	-0.18
2,328.0	1.93	321.24	2,327.8	12.8	1.7	-12.8	0.09	0.00	2.74
2,424.0	1.98	318.61	2,423.8	15.3	-0.4	-15.3	0.11	0.05	-2.74
2,519.0	1.76	311.75	2,518.7	17.5	-2.6	-17.5	0.33	-0.23	-7.22
2,615.0	1.63	303.58	2,614.7	19.2	-4.8	-19.2	0.29	-0.14	-8.51
2,710.0	1.49	297.87	2,709.7	20.6	-7.0	-20.6	0.22	-0.15	-6.01
2,806.0	1.67	276.33	2,805.6	21.3	-9.5	-21.3	0.64	0.19	-22.44
2,901.0	1.76	221.05	2,900.6	20.3	-11.9	-20.3	1.68	0.09	-58.19
2,996.0	1.45	228.17	2,995.5	18.4	-13.7	-18.4	0.39	-0.33	7.49
3,092.0	1.85	224.48	3,091.5	16.5	-15.7	-16.5	0.43	0.42	-3.84
3,188.0	2.20	210.68	3,187.4	13.8	-17.7	-13.8	0.62	0.36	-14.38
3,283.0	2.77	198.64	3,282.4	10.1	-19.4	-10.1	0.81	0.60	-12.67
3,378.0	3.30	183.08	3,377.2	5.2	-20.3	-5.2	1.03	0.56	-16.38
3,473.0	3.16	172.88	3,472.1	-0.1	-20.1	0.1	0.62	-0.15	-10.74
3,569.0	3.52	157.59	3,567.9	-5.5	-18.7	5.5	1.00	0.38	-15.93
3,664.0	4.40	156.71	3,662.7	-11.5	-16.1	11.5	0.93	0.93	-0.93
3,759.0	3.91	173.68	3,757.4	-18.1	-14.3	18.1	1.39	-0.52	17.86
3,855.0	4.44	169.46	3,853.2	-25.0	-13.3	25.0	0.64	0.55	-4.40
3,951.0	4.84	167.26	3,948.9	-32.6	-11.7	32.6	0.46	0.42	-2.29
4,046.0	5.01	172.80	4,043.5	-40.6	-10.3	40.6	0.53	0.18	5.83
4,141.0	3.82	183.70	4,138.2	-47.9	-10.0	47.9	1.53	-1.25	11.47
4,237.0	2.90	192.84	4,234.1	-53.5	-10.7	53.5	1.11	-0.96	9.52
4,332.0	2.51	193.01	4,329.0	-57.8	-11.7	57.8	0.41	-0.41	0.18
4,427.0	2.07	200.48	4,423.9	-61.5	-12.8	61.5	0.56	-0.46	7.86
4,523.0	2.02	199.08	4,519.8	-64.7	-13.9	64.7	0.07	-0.05	-1.46
4,618.0	2.99	193.54	4,614.7	-68.7	-15.1	68.7	1.05	1.02	-5.83
4,714.0	3.30	191.69	4,710.6	-73.8	-16.2	73.8	0.34	0.32	-1.93
4,809.0	3.08	192.13	4,805.4	-79.0	-17.3	79.0	0.23	-0.23	0.46
4,904.0	3.25	188.44	4,900.3	-84.2	-18.2	84.2	0.28	0.18	-3.88
5,000.0	4.48	187.83	4,996.1	-90.6	-19.2	90.6	1.28	1.28	-0.64

Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Well Maldives 15-27 Fed Com 234H
Project:	Eddy Co, New Mexico (NAD-83)	TVD Reference:	Cactus 129: RKB @ 3433.9usft
Site:	Sec 15-T23S-R31E(Maldives)	MD Reference:	Cactus 129: RKB @ 3433.9usft
Well:	Maldives 15-27 Fed Com 234H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Compass_DSN

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,095.0	4.70	184.75	5,090.8	-98.1	-20.0	98.1	0.35	0.23	-3.24
5,191.0	4.18	190.11	5,186.5	-105.5	-20.9	105.5	0.69	-0.54	5.58
5,286.0	3.69	194.51	5,281.3	-111.8	-22.3	111.8	0.61	-0.52	4.63
5,382.0	3.30	194.68	5,377.1	-117.5	-23.8	117.5	0.41	-0.41	0.18
5,477.0	3.21	199.08	5,471.9	-122.7	-25.3	122.7	0.28	-0.09	4.63
5,572.0	3.34	199.16	5,566.8	-127.8	-27.1	127.8	0.14	0.14	0.08
5,668.0	4.04	195.47	5,662.6	-133.7	-28.9	133.7	0.77	0.73	-3.84
5,763.0	4.35	197.49	5,757.3	-140.4	-30.9	140.4	0.36	0.33	2.13
5,858.0	4.48	190.73	5,852.0	-147.4	-32.7	147.4	0.56	0.14	-7.12
5,954.0	4.31	191.34	5,947.8	-154.7	-34.1	154.7	0.18	-0.18	0.64
6,049.0	3.82	193.80	6,042.5	-161.2	-35.5	161.2	0.55	-0.52	2.59
6,144.0	3.56	196.53	6,137.3	-167.1	-37.1	167.1	0.33	-0.27	2.87
6,240.0	3.47	200.75	6,233.1	-172.7	-39.0	172.7	0.29	-0.09	4.40
6,335.0	3.43	202.15	6,328.0	-178.0	-41.1	178.0	0.10	-0.04	1.47
6,431.0	3.52	205.49	6,423.8	-183.4	-43.5	183.4	0.23	0.09	3.48
6,526.0	3.25	208.92	6,518.6	-188.3	-46.0	188.3	0.36	-0.28	3.61
6,622.0	2.42	210.59	6,614.5	-192.5	-48.4	192.5	0.87	-0.86	1.74
6,717.0	1.32	213.31	6,709.5	-195.1	-50.0	195.1	1.16	-1.16	2.86
6,812.0	1.05	219.91	6,804.4	-196.7	-51.1	196.7	0.32	-0.28	6.95
6,908.0	1.01	220.87	6,900.4	-198.0	-52.3	198.0	0.05	-0.04	1.00
7,003.0	0.92	218.15	6,995.4	-199.2	-53.3	199.2	0.11	-0.09	-2.86
7,098.0	0.92	203.91	7,090.4	-200.5	-54.1	200.5	0.24	0.00	-14.99
7,194.0	0.84	202.86	7,186.4	-201.9	-54.6	201.9	0.09	-0.08	-1.09
7,290.0	0.79	191.96	7,282.4	-203.2	-55.1	203.2	0.17	-0.05	-11.35
7,386.0	1.19	195.65	7,378.4	-204.8	-55.5	204.8	0.42	0.42	3.84
7,481.0	1.14	186.24	7,473.3	-206.7	-55.8	206.7	0.21	-0.05	-9.91
7,577.0	1.32	192.48	7,569.3	-208.7	-56.2	208.7	0.23	0.19	6.50
7,672.0	1.32	208.48	7,664.3	-210.7	-56.9	210.7	0.39	0.00	16.84
7,768.0	1.63	209.45	7,760.3	-212.9	-58.1	212.9	0.32	0.32	1.01
7,864.0	1.58	209.36	7,856.2	-215.2	-59.5	215.2	0.05	-0.05	-0.09
7,959.0	1.76	210.50	7,951.2	-217.6	-60.8	217.6	0.19	0.19	1.20
8,055.0	1.76	216.57	8,047.1	-220.1	-62.5	220.1	0.19	0.00	6.32
8,151.0	1.67	213.40	8,143.1	-222.5	-64.1	222.5	0.14	-0.09	-3.30
8,221.0	1.67	217.62	8,213.1	-224.1	-65.3	224.1	0.18	0.00	6.03
8,340.0	2.20	201.10	8,332.0	-227.6	-67.2	227.6	0.64	0.45	-13.88
8,436.0	1.36	117.51	8,428.0	-229.9	-66.8	229.9	2.56	-0.88	-87.07
8,531.0	1.67	126.83	8,522.9	-231.2	-64.7	231.2	0.42	0.33	9.81
8,626.0	2.11	161.63	8,617.9	-233.7	-63.1	233.7	1.27	0.46	36.63
8,721.0	1.54	113.56	8,712.8	-235.9	-61.3	235.9	1.66	-0.60	-50.60
8,817.0	1.98	119.80	8,808.8	-237.2	-58.7	237.2	0.50	0.46	6.50
8,912.0	1.27	185.01	8,903.8	-239.1	-57.4	239.1	1.95	-0.75	68.64
9,007.0	0.97	177.28	8,998.7	-240.9	-57.4	240.9	0.35	-0.32	-8.14
9,103.0	1.19	191.43	9,094.7	-242.7	-57.6	242.7	0.36	0.23	14.74

Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Well Maldives 15-27 Fed Com 234H
Project:	Eddy Co, New Mexico (NAD-83)	TVD Reference:	Cactus 129: RKB @ 3433.9usft
Site:	Sec 15-T23S-R31E(Maldives)	MD Reference:	Cactus 129: RKB @ 3433.9usft
Well:	Maldives 15-27 Fed Com 234H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Compass_DSN

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,198.0	1.41	170.16	9,189.7	-244.8	-57.6	244.8	0.55	0.23	-22.39
9,294.0	1.01	178.69	9,285.7	-246.8	-57.4	246.8	0.46	-0.42	8.89
9,389.0	0.75	197.85	9,380.7	-248.3	-57.5	248.3	0.41	-0.27	20.17
9,485.0	0.84	171.04	9,476.7	-249.6	-57.6	249.6	0.39	0.09	-27.93
9,580.0	1.63	185.98	9,571.6	-251.6	-57.7	251.6	0.89	0.83	15.73
9,633.0	1.89	214.81	9,624.6	-253.1	-58.2	253.1	1.72	0.49	54.40
KOP: 9633' MD, 1956' FEL									
9,771.0	8.92	185.89	9,761.9	-265.6	-60.6	265.6	5.31	5.09	-20.96
9,866.0	17.98	181.41	9,854.2	-287.6	-61.8	287.6	9.59	9.54	-4.72
9,962.0	24.48	179.74	9,943.7	-322.4	-62.0	322.4	6.80	6.77	-1.74
10,057.0	34.33	176.84	10,026.3	-368.9	-60.5	368.9	10.47	10.37	-3.05
10,153.0	43.82	176.93	10,100.8	-429.3	-57.2	429.3	9.89	9.89	0.09
10,248.0	51.74	178.95	10,164.6	-499.5	-54.7	499.5	8.48	8.34	2.13
10,344.0	58.15	179.48	10,219.7	-578.0	-53.7	578.0	6.69	6.68	0.55
10,414.9	64.51	181.02	10,253.7	-640.2	-54.0	640.2	9.17	8.98	2.17
Cross Section : 10415' MD, 1954' FEL									
10,439.0	66.68	181.50	10,263.6	-662.2	-54.4	662.2	9.17	8.99	2.01
10,535.0	77.54	181.23	10,293.1	-753.4	-56.6	753.4	11.32	11.31	-0.28
10,630.0	86.99	181.15	10,305.8	-847.4	-58.6	847.4	9.95	9.95	-0.08
10,726.0	89.45	179.92	10,308.8	-943.3	-59.5	943.3	2.86	2.56	-1.28
LP: 10726' MD, 1961' FEL									
10,822.0	91.08	177.98	10,308.4	-1,039.3	-57.7	1,039.3	2.64	1.70	-2.02
10,917.0	91.38	176.58	10,306.3	-1,134.2	-53.2	1,134.2	1.51	0.32	-1.47
11,012.0	92.75	176.22	10,302.9	-1,228.9	-47.2	1,228.9	1.49	1.44	-0.38
11,108.0	92.26	175.96	10,298.7	-1,324.6	-40.7	1,324.6	0.58	-0.51	-0.27
11,204.0	88.48	175.79	10,298.1	-1,420.3	-33.8	1,420.3	3.94	-3.94	-0.18
11,314.0	90.29	175.35	10,299.3	-1,530.0	-25.3	1,530.0	1.69	1.65	-0.40
11,410.0	90.59	177.02	10,298.5	-1,625.8	-18.9	1,625.8	1.77	0.31	1.74
11,505.0	90.95	178.86	10,297.3	-1,720.7	-15.5	1,720.7	1.97	0.38	1.94
11,601.0	90.55	180.18	10,296.0	-1,816.7	-14.7	1,816.7	1.44	-0.42	1.38
11,697.0	90.29	179.83	10,295.3	-1,912.7	-14.7	1,912.7	0.45	-0.27	-0.36
11,792.0	88.79	179.13	10,296.1	-2,007.7	-13.8	2,007.7	1.74	-1.58	-0.74
11,887.0	90.51	180.00	10,296.7	-2,102.6	-13.1	2,102.6	2.03	1.81	0.92
11,983.0	91.60	180.27	10,294.9	-2,198.6	-13.3	2,198.6	1.17	1.14	0.28
12,078.0	91.74	180.18	10,292.1	-2,293.6	-13.7	2,293.6	0.18	0.15	-0.09
12,174.0	92.57	180.44	10,288.5	-2,389.5	-14.2	2,389.5	0.91	0.86	0.27
12,270.0	92.62	180.44	10,284.2	-2,485.4	-15.0	2,485.4	0.05	0.05	0.00
12,366.0	93.14	180.27	10,279.3	-2,581.3	-15.6	2,581.3	0.57	0.54	-0.18
12,462.0	90.37	180.27	10,276.4	-2,677.2	-16.0	2,677.2	2.89	-2.89	0.00
12,557.0	90.86	180.79	10,275.4	-2,772.2	-16.9	2,772.2	0.75	0.52	0.55
12,653.0	90.46	181.50	10,274.3	-2,868.2	-18.8	2,868.2	0.85	-0.42	0.74
12,749.0	91.12	181.67	10,272.9	-2,964.2	-21.5	2,964.2	0.71	0.69	0.18
12,844.0	90.99	181.50	10,271.2	-3,059.1	-24.1	3,059.1	0.23	-0.14	-0.18
12,940.0	90.24	181.15	10,270.2	-3,155.1	-26.3	3,155.1	0.86	-0.78	-0.36

Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Well Maldives 15-27 Fed Com 234H
Project:	Eddy Co, New Mexico (NAD-83)	TVD Reference:	Cactus 129: RKB @ 3433.9usft
Site:	Sec 15-T23S-R31E(Maldives)	MD Reference:	Cactus 129: RKB @ 3433.9usft
Well:	Maldives 15-27 Fed Com 234H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Compass_DSN

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
13,035.0	89.93	179.74	10,270.0	-3,250.1	-27.0	3,250.1	1.52	-0.33	-1.48
13,131.0	87.82	178.95	10,271.9	-3,346.0	-26.0	3,346.0	2.35	-2.20	-0.82
13,227.0	87.74	178.07	10,275.6	-3,441.9	-23.5	3,441.9	0.92	-0.08	-0.92
13,322.0	87.12	177.46	10,279.9	-3,536.8	-19.8	3,536.8	0.92	-0.65	-0.64
13,418.0	87.38	177.02	10,284.5	-3,632.5	-15.1	3,632.5	0.53	0.27	-0.46
13,513.0	90.15	178.95	10,286.5	-3,727.4	-11.8	3,727.4	3.55	2.92	2.03
13,609.0	90.81	178.77	10,285.7	-3,823.4	-9.9	3,823.4	0.71	0.69	-0.19
13,705.0	90.73	179.83	10,284.4	-3,919.4	-8.7	3,919.4	1.11	-0.08	1.10
13,801.0	89.80	180.00	10,284.0	-4,015.4	-8.6	4,015.4	0.98	-0.97	0.18
13,896.0	89.58	179.56	10,284.5	-4,110.4	-8.2	4,110.4	0.52	-0.23	-0.46
13,991.0	91.25	180.36	10,283.8	-4,205.4	-8.1	4,205.4	1.95	1.76	0.84
14,087.0	89.63	180.44	10,283.1	-4,301.4	-8.8	4,301.4	1.69	-1.69	0.08
14,182.0	88.84	179.39	10,284.4	-4,396.4	-8.7	4,396.4	1.38	-0.83	-1.11
14,277.0	88.66	179.13	10,286.4	-4,491.3	-7.4	4,491.3	0.33	-0.19	-0.27
14,373.0	88.88	179.21	10,288.5	-4,587.3	-6.1	4,587.3	0.24	0.23	0.08
14,468.0	90.46	179.65	10,289.0	-4,682.3	-5.1	4,682.3	1.73	1.66	0.46
14,564.0	91.60	180.00	10,287.3	-4,778.3	-4.8	4,778.3	1.24	1.19	0.36
14,659.0	90.90	179.92	10,285.2	-4,873.3	-4.8	4,873.3	0.74	-0.74	-0.08
14,754.0	90.33	179.30	10,284.2	-4,968.3	-4.1	4,968.3	0.89	-0.60	-0.65
14,850.0	90.02	179.48	10,283.9	-5,064.2	-3.1	5,064.2	0.37	-0.32	0.19
14,945.0	89.85	179.48	10,284.0	-5,159.2	-2.2	5,159.2	0.18	-0.18	0.00
15,041.0	89.58	179.39	10,284.5	-5,255.2	-1.3	5,255.2	0.30	-0.28	-0.09
15,136.0	91.21	180.62	10,283.9	-5,350.2	-1.3	5,350.2	2.15	1.72	1.29
15,231.0	89.89	181.85	10,282.9	-5,445.2	-3.3	5,445.2	1.90	-1.39	1.29
15,326.0	89.71	181.94	10,283.3	-5,540.1	-6.5	5,540.1	0.21	-0.19	0.09
15,422.0	88.66	181.32	10,284.6	-5,636.1	-9.2	5,636.1	1.27	-1.09	-0.65
15,518.0	88.62	181.15	10,286.9	-5,732.0	-11.3	5,732.0	0.18	-0.04	-0.18
15,613.0	89.23	181.59	10,288.7	-5,827.0	-13.5	5,827.0	0.79	0.64	0.46
15,706.4	88.71	181.33	10,290.4	-5,920.4	-15.9	5,920.4	0.62	-0.55	-0.28
Cross Section : 15706' MD, 1945' FEL									
15,709.0	88.70	181.32	10,290.4	-5,923.0	-16.0	5,923.0	0.62	-0.55	-0.28
15,804.0	89.05	180.00	10,292.3	-6,017.9	-17.1	6,017.9	1.44	0.37	-1.39
15,899.0	90.46	179.83	10,292.7	-6,112.9	-16.9	6,112.9	1.49	1.48	-0.18
15,994.0	92.26	179.56	10,290.5	-6,207.9	-16.4	6,207.9	1.92	1.89	-0.28
16,090.0	92.00	179.92	10,286.9	-6,303.8	-16.0	6,303.8	0.46	-0.27	0.38
16,185.0	90.15	178.77	10,285.1	-6,398.8	-14.9	6,398.8	2.29	-1.95	-1.21
16,280.0	90.51	178.77	10,284.6	-6,493.8	-12.9	6,493.8	0.38	0.38	0.00
16,375.0	90.64	178.77	10,283.6	-6,588.7	-10.8	6,588.7	0.14	0.14	0.00
16,471.0	91.87	179.56	10,281.5	-6,684.7	-9.4	6,684.7	1.52	1.28	0.82
16,566.0	91.69	179.30	10,278.6	-6,779.7	-8.5	6,779.7	0.33	-0.19	-0.27
16,662.0	91.38	179.30	10,276.0	-6,875.6	-7.3	6,875.6	0.32	-0.32	0.00
16,757.0	89.23	178.60	10,275.5	-6,970.6	-5.6	6,970.6	2.38	-2.26	-0.74
16,853.0	87.65	178.60	10,278.1	-7,066.5	-3.2	7,066.5	1.65	-1.65	0.00
16,948.0	88.22	178.69	10,281.5	-7,161.4	-1.0	7,161.4	0.61	0.60	0.09

Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Well Maldives 15-27 Fed Com 234H
Project:	Eddy Co, New Mexico (NAD-83)	TVD Reference:	Cactus 129: RKB @ 3433.9usft
Site:	Sec 15-T23S-R31E(Maldives)	MD Reference:	Cactus 129: RKB @ 3433.9usft
Well:	Maldives 15-27 Fed Com 234H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Compass_DSN

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
17,044.0	89.01	178.42	10,283.8	-7,257.4	1.4	7,257.4	0.87	0.82	-0.28
17,140.0	89.10	178.51	10,285.4	-7,353.3	4.0	7,353.3	0.13	0.09	0.09
17,235.0	93.36	179.74	10,283.4	-7,448.3	5.5	7,448.3	4.67	4.48	1.29
17,330.0	93.93	180.36	10,277.3	-7,543.1	5.4	7,543.1	0.89	0.60	0.65
17,426.0	94.29	180.18	10,270.5	-7,638.8	4.9	7,638.8	0.42	0.38	-0.19
17,521.0	92.79	181.23	10,264.6	-7,733.6	3.8	7,733.6	1.93	-1.58	1.11
17,616.0	89.67	180.97	10,262.6	-7,828.6	1.9	7,828.6	3.30	-3.28	-0.27
17,712.0	87.65	180.27	10,264.8	-7,924.6	0.9	7,924.6	2.23	-2.10	-0.73
17,807.0	86.51	179.56	10,269.6	-8,019.4	1.0	8,019.4	1.41	-1.20	-0.75
17,903.0	88.66	179.56	10,273.7	-8,115.3	1.8	8,115.3	2.24	2.24	0.00
17,998.0	88.70	179.56	10,275.9	-8,210.3	2.5	8,210.3	0.04	0.04	0.00
18,094.0	89.80	179.48	10,277.1	-8,306.3	3.3	8,306.3	1.15	1.15	-0.08
18,189.0	89.14	179.13	10,278.0	-8,401.3	4.5	8,401.3	0.79	-0.69	-0.37
18,284.0	90.68	179.04	10,278.2	-8,496.3	6.0	8,496.3	1.62	1.62	-0.09
18,380.0	89.14	177.98	10,278.3	-8,592.2	8.5	8,592.2	1.95	-1.60	-1.10
18,476.0	91.16	178.77	10,278.1	-8,688.2	11.2	8,688.2	2.26	2.10	0.82
18,571.0	92.26	179.04	10,275.2	-8,783.1	13.0	8,783.1	1.19	1.16	0.28
18,667.0	92.88	178.77	10,270.9	-8,879.0	14.8	8,879.0	0.70	0.65	-0.28
18,762.0	93.10	179.65	10,266.0	-8,973.9	16.2	8,973.9	0.95	0.23	0.93
18,857.0	92.18	180.18	10,261.6	-9,068.8	16.3	9,068.8	1.12	-0.97	0.56
18,953.0	90.29	179.56	10,259.5	-9,164.7	16.5	9,164.7	2.07	-1.97	-0.65
19,049.0	88.97	179.56	10,260.1	-9,260.7	17.2	9,260.7	1.38	-1.38	0.00
19,144.0	89.49	179.92	10,261.4	-9,355.7	17.7	9,355.7	0.67	0.55	0.38
19,239.0	89.32	179.65	10,262.4	-9,450.7	18.0	9,450.7	0.34	-0.18	-0.28
19,335.0	89.05	179.74	10,263.8	-9,546.7	18.5	9,546.7	0.30	-0.28	0.09
19,430.0	88.75	179.74	10,265.6	-9,641.7	19.0	9,641.7	0.32	-0.32	0.00
19,525.0	88.04	179.65	10,268.2	-9,736.6	19.5	9,736.6	0.75	-0.75	-0.09
19,620.0	88.62	179.39	10,271.0	-9,831.6	20.3	9,831.6	0.67	0.61	-0.27
19,716.0	89.80	179.30	10,272.3	-9,927.6	21.4	9,927.6	1.23	1.23	-0.09
19,811.0	89.80	179.48	10,272.7	-10,022.6	22.4	10,022.6	0.19	0.00	0.19
19,907.0	91.69	179.65	10,271.4	-10,118.6	23.1	10,118.6	1.98	1.97	0.18
20,002.0	90.29	180.27	10,269.8	-10,213.5	23.2	10,213.5	1.61	-1.47	0.65
20,098.0	91.43	180.79	10,268.3	-10,309.5	22.3	10,309.5	1.31	1.19	0.54
20,193.0	91.08	179.83	10,266.3	-10,404.5	21.8	10,404.5	1.08	-0.37	-1.01
20,289.0	90.77	179.74	10,264.7	-10,500.5	22.1	10,500.5	0.34	-0.32	-0.09
20,384.0	87.96	179.04	10,265.8	-10,595.5	23.2	10,595.5	3.05	-2.96	-0.74
20,479.0	88.70	179.21	10,268.5	-10,690.4	24.6	10,690.4	0.80	0.78	0.18
20,575.0	90.95	179.74	10,268.8	-10,786.4	25.5	10,786.4	2.41	2.34	0.55
20,670.0	89.45	179.30	10,268.5	-10,881.4	26.3	10,881.4	1.65	-1.58	-0.46
20,765.0	90.37	179.74	10,268.6	-10,976.4	27.1	10,976.4	1.07	0.97	0.46
20,861.0	89.32	179.48	10,268.9	-11,072.4	27.7	11,072.4	1.13	-1.09	-0.27
20,956.0	87.21	179.13	10,271.8	-11,167.3	28.9	11,167.3	2.25	-2.22	-0.37
20,991.5	87.70	179.32	10,273.4	-11,202.8	29.4	11,202.8	1.49	1.39	0.55

Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Well Maldives 15-27 Fed Com 234H
Project:	Eddy Co, New Mexico (NAD-83)	TVD Reference:	Cactus 129: RKB @ 3433.9usft
Site:	Sec 15-T23S-R31E(Maldives)	MD Reference:	Cactus 129: RKB @ 3433.9usft
Well:	Maldives 15-27 Fed Com 234H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Compass_DSN

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
Cross Section : 20992' MD, 1928' FEL									
21,051.0	88.53	179.65	10,275.3	-11,262.3	29.9	11,262.3	1.49	1.39	0.55
21,146.0	88.18	179.56	10,278.0	-11,357.2	30.5	11,357.2	0.38	-0.37	-0.09
21,242.0	89.01	179.83	10,280.4	-11,453.2	31.1	11,453.2	0.91	0.86	0.28
21,337.0	90.46	179.74	10,280.8	-11,548.2	31.4	11,548.2	1.53	1.53	-0.09
21,433.0	89.23	179.21	10,281.1	-11,644.2	32.3	11,644.2	1.40	-1.28	-0.55
21,528.0	92.53	179.39	10,279.6	-11,739.1	33.4	11,739.1	3.48	3.47	0.19
21,624.0	92.40	179.74	10,275.5	-11,835.1	34.2	11,835.1	0.39	-0.14	0.36
21,719.0	93.49	179.74	10,270.6	-11,929.9	34.6	11,929.9	1.15	1.15	0.00
21,814.0	89.85	179.39	10,267.9	-12,024.9	35.3	12,024.9	3.85	-3.83	-0.37
21,910.0	90.33	179.74	10,267.7	-12,120.9	36.1	12,120.9	0.62	0.50	0.36
22,005.0	90.02	179.83	10,267.4	-12,215.9	36.4	12,215.9	0.34	-0.33	0.09
22,100.0	89.49	179.92	10,267.8	-12,310.9	36.6	12,310.9	0.57	-0.56	0.09
22,196.0	89.67	180.09	10,268.5	-12,406.9	36.6	12,406.9	0.26	0.19	0.18
22,291.0	91.82	180.88	10,267.3	-12,501.8	35.8	12,501.8	2.41	2.26	0.83
22,387.0	90.99	180.97	10,264.9	-12,597.8	34.3	12,597.8	0.87	-0.86	0.09
22,482.0	90.29	180.97	10,263.9	-12,692.8	32.7	12,692.8	0.74	-0.74	0.00
22,578.0	91.78	181.15	10,262.1	-12,788.7	30.9	12,788.7	1.56	1.55	0.19
22,673.0	90.46	181.23	10,260.3	-12,883.7	28.9	12,883.7	1.39	-1.39	0.08
22,769.0	88.22	180.00	10,261.4	-12,979.7	27.9	12,979.7	2.66	-2.33	-1.28
22,864.0	88.00	180.18	10,264.5	-13,074.6	27.7	13,074.6	0.30	-0.23	0.19
22,960.0	88.57	179.92	10,267.4	-13,170.6	27.6	13,170.6	0.65	0.59	-0.27
23,055.0	89.23	179.65	10,269.2	-13,265.6	28.0	13,265.6	0.75	0.69	-0.28
23,150.0	90.81	179.74	10,269.2	-13,360.6	28.5	13,360.6	1.67	1.66	0.09
23,245.0	91.96	180.00	10,266.9	-13,455.5	28.7	13,455.5	1.24	1.21	0.27
23,341.0	91.38	179.83	10,264.1	-13,551.5	28.9	13,551.5	0.63	-0.60	-0.18
23,436.0	89.89	178.95	10,263.0	-13,646.5	29.9	13,646.5	1.82	-1.57	-0.93
23,531.0	88.44	178.69	10,264.4	-13,741.4	31.8	13,741.4	1.55	-1.53	-0.27
23,627.0	88.22	178.69	10,267.2	-13,837.4	34.0	13,837.4	0.23	-0.23	0.00
23,722.0	89.58	179.39	10,269.0	-13,932.3	35.6	13,932.3	1.61	1.43	0.74
23,817.0	89.63	179.48	10,269.7	-14,027.3	36.6	14,027.3	0.11	0.05	0.09
23,913.0	89.89	179.21	10,270.1	-14,123.3	37.6	14,123.3	0.39	0.27	-0.28
24,008.0	88.84	179.30	10,271.2	-14,218.3	38.9	14,218.3	1.11	-1.11	0.09
24,103.0	90.77	179.74	10,271.5	-14,313.3	39.7	14,313.3	2.08	2.03	0.46
24,199.0	90.59	179.13	10,270.3	-14,409.3	40.6	14,409.3	0.66	-0.19	-0.64
24,294.0	89.10	179.13	10,270.6	-14,504.3	42.1	14,504.3	1.57	-1.57	0.00
24,389.0	88.53	179.65	10,272.6	-14,599.3	43.1	14,599.3	0.81	-0.60	0.55
24,484.0	90.64	179.04	10,273.2	-14,694.2	44.2	14,694.2	2.31	2.22	-0.64
24,579.0	87.82	178.86	10,274.5	-14,789.2	45.9	14,789.2	2.97	-2.97	-0.19
24,674.0	91.25	178.07	10,275.3	-14,884.2	48.4	14,884.2	3.71	3.61	-0.83
24,769.0	90.33	177.72	10,274.0	-14,979.1	51.9	14,979.1	1.04	-0.97	-0.37
24,865.0	90.11	177.54	10,273.6	-15,075.0	55.9	15,075.0	0.30	-0.23	-0.19
24,960.0	89.85	176.93	10,273.6	-15,169.9	60.5	15,169.9	0.70	-0.27	-0.64

Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Well Maldives 15-27 Fed Com 234H
Project:	Eddy Co, New Mexico (NAD-83)	TVD Reference:	Cactus 129: RKB @ 3433.9usft
Site:	Sec 15-T23S-R31E(Maldives)	MD Reference:	Cactus 129: RKB @ 3433.9usft
Well:	Maldives 15-27 Fed Com 234H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Compass_DSN

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
25,056.0	89.27	177.19	10,274.4	-15,265.8	65.4	15,265.8	0.66	-0.60	0.27
25,151.0	89.45	178.16	10,275.4	-15,360.7	69.3	15,360.7	1.04	0.19	1.02
25,246.0	86.33	179.04	10,278.9	-15,455.6	71.6	15,455.6	3.41	-3.28	0.93
25,342.0	87.52	179.74	10,284.1	-15,551.4	72.6	15,551.4	1.44	1.24	0.73
25,438.0	89.14	179.39	10,286.9	-15,647.4	73.3	15,647.4	1.73	1.69	-0.36
25,533.0	89.36	179.30	10,288.1	-15,742.4	74.4	15,742.4	0.25	0.23	-0.09
25,628.0	89.98	180.09	10,288.7	-15,837.4	74.9	15,837.4	1.06	0.65	0.83
25,723.0	89.98	180.62	10,288.7	-15,932.4	74.3	15,932.4	0.56	0.00	0.56
25,818.0	89.10	179.83	10,289.5	-16,027.3	74.0	16,027.3	1.24	-0.93	-0.83
25,913.0	90.55	180.00	10,289.8	-16,122.3	74.1	16,122.3	1.54	1.53	0.18
26,009.0	93.10	179.92	10,286.7	-16,218.3	74.2	16,218.3	2.66	2.66	-0.08
26,104.0	91.12	179.83	10,283.2	-16,313.2	74.4	16,313.2	2.09	-2.08	-0.09
26,123.0	90.90	179.56	10,282.9	-16,332.2	74.5	16,332.2	1.83	-1.16	-1.42
Last Survey									
26,176.3	90.90	179.56	10,282.0	-16,385.5	74.9	16,385.5	0.00	0.00	0.00
Cross 100' FSL: 26176' MD, 1910' FEL									
26,196.0	90.90	179.56	10,281.7	-16,405.2	75.0	16,405.2	0.00	0.00	0.00
PTB: 26196' MD, 80' FSL									

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
9,633.0	9,624.6	-253.1	-58.2	KOP: 9633' MD, 1956' FEL
10,414.9	10,253.7	-640.2	-54.0	Cross Section : 10415' MD, 1954' FEL
10,726.0	10,308.8	-943.3	-59.5	LP: 10726' MD, 1961' FEL
15,706.4	10,290.4	-5,920.4	-15.9	Cross Section : 15706' MD, 1945' FEL
20,991.5	10,273.4	-11,202.8	29.4	Cross Section : 20992' MD, 1928' FEL
26,123.0	10,282.9	-16,332.2	74.5	Last Survey
26,176.3	10,282.0	-16,385.5	74.9	Cross 100' FSL: 26176' MD, 1910' FEL
26,196.0	10,281.7	-16,405.2	75.0	PTB: 26196' MD, 80' FSL

Checked By: _____	Approved By: _____	Date: _____
-------------------	--------------------	-------------



Devon Energy Production Company, L.P.

Eddy Co, New Mexico (NAD-83)

Sec 15-T23S-R31E(Maldives)

Maldives 15-27 Fed Com 234H

Original Hole

Design: As Drilled

Survey Report - Geographic

07 October, 2020



Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Well Maldives 15-27 Fed Com 234H
Project:	Eddy Co, New Mexico (NAD-83)	TVD Reference:	Cactus 129: RKB @ 3433.9usft
Site:	Sec 15-T23S-R31E(Maldives)	MD Reference:	Cactus 129: RKB @ 3433.9usft
Well:	Maldives 15-27 Fed Com 234H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Compass_DSN

Project	Eddy Co, New Mexico (NAD-83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Sec 15-T23S-R31E(Maldives)		
Site Position:		Northing:	477,592.96 usft
From:	Map	Easting:	714,064.76 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 18' 42.255 N
		Longitude:	103° 46' 27.232 W
		Grid Convergence:	0.30 °

Well	Maldives 15-27 Fed Com 234H		
Well Position	+N/-S	0.0 usft	Northing: 478,252.81 usft
	+E/-W	0.0 usft	Easting: 717,449.75 usft
Position Uncertainty	0.5 usft	Wellhead Elevation:	usft
		Latitude:	32° 18' 48.608 N
		Longitude:	103° 45' 47.748 W
		Ground Level:	3,408.9 usft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	6/3/2020	6.73	60.08	47,666.45353353

Design	As Drilled				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	180.00	

Survey Program	Date	10/7/2020			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
178.0	26,196.0	Survey #1 (Original Hole)	MWD	MWD - Skyline	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
0.0	0.00	0.00	0.0	0.0	0.0	478,252.81	717,449.75	32° 18' 48.608 N	103° 45' 47.748 W	
178.0	0.40	25.40	178.0	0.6	0.3	478,253.37	717,450.01	32° 18' 48.614 N	103° 45' 47.745 W	
272.0	0.40	45.27	272.0	1.1	0.6	478,253.90	717,450.39	32° 18' 48.619 N	103° 45' 47.740 W	
367.0	0.44	60.30	367.0	1.5	1.2	478,254.31	717,450.94	32° 18' 48.623 N	103° 45' 47.734 W	
462.0	0.53	52.21	462.0	2.0	1.9	478,254.76	717,451.60	32° 18' 48.627 N	103° 45' 47.726 W	
557.0	0.40	35.69	557.0	2.5	2.4	478,255.30	717,452.14	32° 18' 48.633 N	103° 45' 47.720 W	
651.0	0.53	39.47	651.0	3.1	2.9	478,255.90	717,452.61	32° 18' 48.639 N	103° 45' 47.714 W	
677.0	0.57	38.76	677.0	3.3	3.0	478,256.10	717,452.77	32° 18' 48.640 N	103° 45' 47.712 W	
806.0	0.70	60.03	806.0	4.2	4.1	478,256.99	717,453.85	32° 18' 48.649 N	103° 45' 47.700 W	
901.0	0.66	48.61	901.0	4.8	5.0	478,257.64	717,454.77	32° 18' 48.656 N	103° 45' 47.689 W	
995.0	0.62	38.32	995.0	5.6	5.7	478,258.40	717,455.49	32° 18' 48.663 N	103° 45' 47.680 W	
1,090.0	0.57	39.99	1,090.0	6.4	6.4	478,259.17	717,456.11	32° 18' 48.671 N	103° 45' 47.673 W	

Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Well Maldives 15-27 Fed Com 234H
Project:	Eddy Co, New Mexico (NAD-83)	TVD Reference:	Cactus 129: RKB @ 3433.9usft
Site:	Sec 15-T23S-R31E(Maldives)	MD Reference:	Cactus 129: RKB @ 3433.9usft
Well:	Maldives 15-27 Fed Com 234H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Compass_DSN

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
1,185.0	0.44	28.92	1,185.0	7.0	6.8	478,259.85	717,456.59	32° 18' 48.677 N	103° 45' 47.667 W
1,280.0	0.35	25.93	1,280.0	7.6	7.1	478,260.43	717,456.89	32° 18' 48.683 N	103° 45' 47.664 W
1,374.0	0.13	40.52	1,374.0	8.0	7.3	478,260.77	717,457.09	32° 18' 48.686 N	103° 45' 47.662 W
1,470.0	0.18	336.36	1,470.0	8.2	7.4	478,260.99	717,457.10	32° 18' 48.689 N	103° 45' 47.661 W
1,565.0	0.18	151.09	1,565.0	8.2	7.4	478,260.99	717,457.11	32° 18' 48.689 N	103° 45' 47.661 W
1,660.0	0.13	197.76	1,659.9	7.9	7.4	478,260.76	717,457.15	32° 18' 48.686 N	103° 45' 47.661 W
1,756.0	0.09	212.44	1,755.9	7.8	7.3	478,260.59	717,457.08	32° 18' 48.685 N	103° 45' 47.662 W
1,851.0	0.18	161.37	1,850.9	7.6	7.3	478,260.39	717,457.08	32° 18' 48.683 N	103° 45' 47.662 W
1,947.0	0.31	173.76	1,946.9	7.2	7.4	478,259.99	717,457.16	32° 18' 48.679 N	103° 45' 47.661 W
2,042.0	0.66	290.57	2,041.9	7.1	6.9	478,259.92	717,456.68	32° 18' 48.678 N	103° 45' 47.666 W
2,137.0	1.45	318.78	2,136.9	8.2	5.6	478,261.02	717,455.37	32° 18' 48.689 N	103° 45' 47.682 W
2,232.0	1.93	318.61	2,231.9	10.3	3.8	478,263.12	717,453.52	32° 18' 48.710 N	103° 45' 47.703 W
2,328.0	1.93	321.24	2,327.8	12.8	1.7	478,265.60	717,451.44	32° 18' 48.735 N	103° 45' 47.727 W
2,424.0	1.98	318.61	2,423.8	15.3	-0.4	478,268.10	717,449.33	32° 18' 48.759 N	103° 45' 47.752 W
2,519.0	1.76	311.75	2,518.7	17.5	-2.6	478,270.31	717,447.16	32° 18' 48.781 N	103° 45' 47.777 W
2,615.0	1.63	303.58	2,614.7	19.2	-4.8	478,272.04	717,444.92	32° 18' 48.799 N	103° 45' 47.803 W
2,710.0	1.49	297.87	2,709.7	20.6	-7.0	478,273.37	717,442.70	32° 18' 48.812 N	103° 45' 47.828 W
2,806.0	1.67	276.33	2,805.6	21.3	-9.5	478,274.10	717,440.21	32° 18' 48.819 N	103° 45' 47.857 W
2,901.0	1.76	221.05	2,900.6	20.3	-11.9	478,273.16	717,437.88	32° 18' 48.810 N	103° 45' 47.885 W
2,996.0	1.45	228.17	2,995.5	18.4	-13.7	478,271.26	717,436.02	32° 18' 48.791 N	103° 45' 47.906 W
3,092.0	1.85	224.48	3,091.5	16.5	-15.7	478,269.34	717,434.03	32° 18' 48.773 N	103° 45' 47.930 W
3,188.0	2.20	210.68	3,187.4	13.8	-17.7	478,266.65	717,432.01	32° 18' 48.746 N	103° 45' 47.954 W
3,283.0	2.77	198.64	3,282.4	10.1	-19.4	478,262.91	717,430.34	32° 18' 48.709 N	103° 45' 47.973 W
3,378.0	3.30	183.08	3,377.2	5.2	-20.3	478,258.00	717,429.46	32° 18' 48.661 N	103° 45' 47.984 W
3,473.0	3.16	172.88	3,472.1	-0.1	-20.1	478,252.67	717,429.64	32° 18' 48.608 N	103° 45' 47.982 W
3,569.0	3.52	157.59	3,567.9	-5.5	-18.7	478,247.32	717,431.09	32° 18' 48.555 N	103° 45' 47.965 W
3,664.0	4.40	156.71	3,662.7	-11.5	-16.1	478,241.28	717,433.64	32° 18' 48.495 N	103° 45' 47.936 W
3,759.0	3.91	173.68	3,757.4	-18.1	-14.3	478,234.71	717,435.44	32° 18' 48.430 N	103° 45' 47.915 W
3,855.0	4.44	169.46	3,853.2	-25.0	-13.3	478,227.80	717,436.48	32° 18' 48.361 N	103° 45' 47.904 W
3,951.0	4.84	167.26	3,948.9	-32.6	-11.7	478,220.20	717,438.05	32° 18' 48.286 N	103° 45' 47.886 W
4,046.0	5.01	172.80	4,043.5	-40.6	-10.3	478,212.18	717,439.46	32° 18' 48.207 N	103° 45' 47.870 W
4,141.0	3.82	183.70	4,138.2	-47.9	-10.0	478,204.90	717,439.77	32° 18' 48.135 N	103° 45' 47.867 W
4,237.0	2.90	192.84	4,234.1	-53.5	-10.7	478,199.34	717,439.03	32° 18' 48.080 N	103° 45' 47.876 W
4,332.0	2.51	193.01	4,329.0	-57.8	-11.7	478,194.97	717,438.02	32° 18' 48.036 N	103° 45' 47.888 W
4,427.0	2.07	200.48	4,423.9	-61.5	-12.8	478,191.34	717,436.96	32° 18' 48.001 N	103° 45' 47.901 W
4,523.0	2.02	199.08	4,519.8	-64.7	-13.9	478,188.12	717,435.80	32° 18' 47.969 N	103° 45' 47.914 W
4,618.0	2.99	193.54	4,614.7	-68.7	-15.1	478,184.13	717,434.67	32° 18' 47.929 N	103° 45' 47.928 W
4,714.0	3.30	191.69	4,710.6	-73.8	-16.2	478,178.99	717,433.52	32° 18' 47.878 N	103° 45' 47.941 W
4,809.0	3.08	192.13	4,805.4	-79.0	-17.3	478,173.81	717,432.43	32° 18' 47.827 N	103° 45' 47.954 W
4,904.0	3.25	188.44	4,900.3	-84.2	-18.2	478,168.65	717,431.50	32° 18' 47.776 N	103° 45' 47.965 W
5,000.0	4.48	187.83	4,996.1	-90.6	-19.2	478,162.25	717,430.59	32° 18' 47.713 N	103° 45' 47.976 W
5,095.0	4.70	184.75	5,090.8	-98.1	-20.0	478,154.69	717,429.76	32° 18' 47.638 N	103° 45' 47.987 W
5,191.0	4.18	190.11	5,186.5	-105.5	-20.9	478,147.33	717,428.82	32° 18' 47.565 N	103° 45' 47.998 W
5,286.0	3.69	194.51	5,281.3	-111.8	-22.3	478,140.96	717,427.45	32° 18' 47.502 N	103° 45' 48.014 W
5,382.0	3.30	194.68	5,377.1	-117.5	-23.8	478,135.30	717,425.98	32° 18' 47.447 N	103° 45' 48.032 W
5,477.0	3.21	199.08	5,471.9	-122.7	-25.3	478,130.14	717,424.41	32° 18' 47.396 N	103° 45' 48.050 W
5,572.0	3.34	199.16	5,566.8	-127.8	-27.1	478,125.01	717,422.64	32° 18' 47.345 N	103° 45' 48.072 W
5,668.0	4.04	195.47	5,662.6	-133.7	-28.9	478,119.11	717,420.82	32° 18' 47.287 N	103° 45' 48.093 W
5,763.0	4.35	197.49	5,757.3	-140.4	-30.9	478,112.45	717,418.84	32° 18' 47.221 N	103° 45' 48.117 W
5,858.0	4.48	190.73	5,852.0	-147.4	-32.7	478,105.37	717,417.07	32° 18' 47.151 N	103° 45' 48.138 W
5,954.0	4.31	191.34	5,947.8	-154.7	-34.1	478,098.15	717,415.66	32° 18' 47.079 N	103° 45' 48.154 W
6,049.0	3.82	193.80	6,042.5	-161.2	-35.5	478,091.57	717,414.20	32° 18' 47.014 N	103° 45' 48.172 W
6,144.0	3.56	196.53	6,137.3	-167.1	-37.1	478,085.67	717,412.61	32° 18' 46.956 N	103° 45' 48.191 W
6,240.0	3.47	200.75	6,233.1	-172.7	-39.0	478,080.10	717,410.73	32° 18' 46.901 N	103° 45' 48.213 W
6,335.0	3.43	202.15	6,328.0	-178.0	-41.1	478,074.78	717,408.64	32° 18' 46.849 N	103° 45' 48.238 W

Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Well Maldives 15-27 Fed Com 234H
Project:	Eddy Co, New Mexico (NAD-83)	TVD Reference:	Cactus 129: RKB @ 3433.9usft
Site:	Sec 15-T23S-R31E(Maldives)	MD Reference:	Cactus 129: RKB @ 3433.9usft
Well:	Maldives 15-27 Fed Com 234H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Compass_DSN

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
6,431.0	3.52	205.49	6,423.8	-183.4	-43.5	478,069.46	717,406.29	32° 18' 46.796 N	103° 45' 48.265 W
6,526.0	3.25	208.92	6,518.6	-188.3	-46.0	478,064.47	717,403.73	32° 18' 46.747 N	103° 45' 48.296 W
6,622.0	2.42	210.59	6,614.5	-192.5	-48.4	478,060.34	717,401.38	32° 18' 46.706 N	103° 45' 48.323 W
6,717.0	1.32	213.31	6,709.5	-195.1	-50.0	478,057.70	717,399.76	32° 18' 46.680 N	103° 45' 48.342 W
6,812.0	1.05	219.91	6,804.4	-196.7	-51.1	478,056.12	717,398.60	32° 18' 46.664 N	103° 45' 48.356 W
6,908.0	1.01	220.87	6,900.4	-198.0	-52.3	478,054.80	717,397.49	32° 18' 46.651 N	103° 45' 48.369 W
7,003.0	0.92	218.15	6,995.4	-199.2	-53.3	478,053.57	717,396.47	32° 18' 46.639 N	103° 45' 48.381 W
7,098.0	0.92	203.91	7,090.4	-200.5	-54.1	478,052.27	717,395.69	32° 18' 46.627 N	103° 45' 48.390 W
7,194.0	0.84	202.86	7,186.4	-201.9	-54.6	478,050.92	717,395.10	32° 18' 46.613 N	103° 45' 48.397 W
7,290.0	0.79	191.96	7,282.4	-203.2	-55.1	478,049.62	717,394.69	32° 18' 46.600 N	103° 45' 48.402 W
7,386.0	1.19	195.65	7,378.4	-204.8	-55.5	478,048.02	717,394.28	32° 18' 46.585 N	103° 45' 48.407 W
7,481.0	1.14	186.24	7,473.3	-206.7	-55.8	478,046.13	717,393.92	32° 18' 46.566 N	103° 45' 48.411 W
7,577.0	1.32	192.48	7,569.3	-208.7	-56.2	478,044.10	717,393.57	32° 18' 46.546 N	103° 45' 48.415 W
7,672.0	1.32	208.48	7,664.3	-210.7	-56.9	478,042.07	717,392.81	32° 18' 46.526 N	103° 45' 48.424 W
7,768.0	1.63	209.45	7,760.3	-212.9	-58.1	478,039.91	717,391.62	32° 18' 46.504 N	103° 45' 48.438 W
7,864.0	1.58	209.36	7,856.2	-215.2	-59.5	478,037.57	717,390.30	32° 18' 46.481 N	103° 45' 48.454 W
7,959.0	1.76	210.50	7,951.2	-217.6	-60.8	478,035.17	717,388.91	32° 18' 46.458 N	103° 45' 48.470 W
8,055.0	1.76	216.57	8,047.1	-220.1	-62.5	478,032.71	717,387.29	32° 18' 46.433 N	103° 45' 48.489 W
8,151.0	1.67	213.40	8,143.1	-222.5	-64.1	478,030.36	717,385.64	32° 18' 46.410 N	103° 45' 48.508 W
8,221.0	1.67	217.62	8,213.1	-224.1	-65.3	478,028.70	717,384.45	32° 18' 46.394 N	103° 45' 48.522 W
8,340.0	2.20	201.10	8,332.0	-227.6	-67.2	478,025.20	717,382.57	32° 18' 46.359 N	103° 45' 48.545 W
8,436.0	1.36	117.51	8,428.0	-229.9	-66.8	478,022.95	717,382.92	32° 18' 46.337 N	103° 45' 48.541 W
8,531.0	1.67	126.83	8,522.9	-231.2	-64.7	478,021.60	717,385.03	32° 18' 46.324 N	103° 45' 48.516 W
8,626.0	2.11	161.63	8,617.9	-233.7	-63.1	478,019.11	717,386.69	32° 18' 46.299 N	103° 45' 48.497 W
8,721.0	1.54	113.56	8,712.8	-235.9	-61.3	478,016.94	717,388.41	32° 18' 46.277 N	103° 45' 48.477 W
8,817.0	1.98	119.80	8,808.8	-237.2	-58.7	478,015.60	717,391.03	32° 18' 46.264 N	103° 45' 48.447 W
8,912.0	1.27	185.01	8,903.8	-239.1	-57.4	478,013.74	717,392.36	32° 18' 46.245 N	103° 45' 48.431 W
9,007.0	0.97	177.28	8,998.7	-240.9	-57.4	478,011.88	717,392.31	32° 18' 46.227 N	103° 45' 48.432 W
9,103.0	1.19	191.43	9,094.7	-242.7	-57.6	478,010.10	717,392.15	32° 18' 46.209 N	103° 45' 48.434 W
9,198.0	1.41	170.16	9,189.7	-244.8	-57.6	478,007.98	717,392.15	32° 18' 46.188 N	103° 45' 48.434 W
9,294.0	1.01	178.69	9,285.7	-246.8	-57.4	478,005.97	717,392.38	32° 18' 46.169 N	103° 45' 48.431 W
9,389.0	0.75	197.85	9,380.7	-248.3	-57.5	478,004.54	717,392.20	32° 18' 46.154 N	103° 45' 48.434 W
9,485.0	0.84	171.04	9,476.7	-249.6	-57.6	478,003.25	717,392.12	32° 18' 46.142 N	103° 45' 48.435 W
9,580.0	1.63	185.98	9,571.6	-251.6	-57.7	478,001.21	717,392.09	32° 18' 46.121 N	103° 45' 48.435 W
9,633.0	1.89	214.81	9,624.6	-253.1	-58.2	477,999.75	717,391.51	32° 18' 46.107 N	103° 45' 48.442 W
KOP: 9633' MD, 1956' FEL									
9,771.0	8.92	185.89	9,761.9	-265.6	-60.6	477,987.22	717,389.11	32° 18' 45.983 N	103° 45' 48.471 W
9,866.0	17.98	181.41	9,854.2	-287.6	-61.8	477,965.19	717,387.99	32° 18' 45.765 N	103° 45' 48.485 W
9,962.0	24.48	179.74	9,943.7	-322.4	-62.0	477,930.45	717,387.72	32° 18' 45.421 N	103° 45' 48.490 W
10,057.0	34.33	176.84	10,026.3	-368.9	-60.5	477,883.90	717,389.29	32° 18' 44.961 N	103° 45' 48.475 W
10,153.0	43.82	176.93	10,100.8	-429.3	-57.2	477,823.55	717,392.57	32° 18' 44.363 N	103° 45' 48.441 W
10,248.0	51.74	178.95	10,164.6	-499.5	-54.7	477,753.30	717,395.02	32° 18' 43.668 N	103° 45' 48.416 W
10,344.0	58.15	179.48	10,219.7	-578.0	-53.7	477,674.76	717,396.08	32° 18' 42.891 N	103° 45' 48.409 W
10,414.9	64.51	181.02	10,253.7	-640.2	-54.0	477,612.59	717,395.78	32° 18' 42.276 N	103° 45' 48.416 W
Cross Section : 10415' MD, 1954' FEL									
10,439.0	66.68	181.50	10,263.6	-662.2	-54.4	477,590.65	717,395.30	32° 18' 42.059 N	103° 45' 48.423 W
10,535.0	77.54	181.23	10,293.1	-753.4	-56.6	477,499.45	717,393.13	32° 18' 41.156 N	103° 45' 48.454 W
10,630.0	86.99	181.15	10,305.8	-847.4	-58.6	477,405.44	717,391.18	32° 18' 40.226 N	103° 45' 48.483 W
10,726.0	89.45	179.92	10,308.8	-943.3	-59.5	477,309.50	717,390.29	32° 18' 39.277 N	103° 45' 48.499 W
LP: 10726' MD, 1961' FEL									
10,822.0	91.08	177.98	10,308.4	-1,039.3	-57.7	477,213.53	717,392.05	32° 18' 38.327 N	103° 45' 48.484 W
10,917.0	91.38	176.58	10,306.3	-1,134.2	-53.2	477,118.66	717,396.55	32° 18' 37.388 N	103° 45' 48.438 W
11,012.0	92.75	176.22	10,302.9	-1,228.9	-47.2	477,023.91	717,402.51	32° 18' 36.450 N	103° 45' 48.374 W
11,108.0	92.26	175.96	10,298.7	-1,324.6	-40.7	476,928.23	717,409.05	32° 18' 35.503 N	103° 45' 48.304 W
11,204.0	88.48	175.79	10,298.1	-1,420.3	-33.8	476,832.49	717,415.96	32° 18' 34.555 N	103° 45' 48.229 W

Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Well Maldives 15-27 Fed Com 234H
Project:	Eddy Co, New Mexico (NAD-83)	TVD Reference:	Cactus 129: RKB @ 3433.9usft
Site:	Sec 15-T23S-R31E(Maldives)	MD Reference:	Cactus 129: RKB @ 3433.9usft
Well:	Maldives 15-27 Fed Com 234H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Compass_DSN

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
11,314.0	90.29	175.35	10,299.3	-1,530.0	-25.3	476,722.83	717,424.45	32° 18' 33.470 N	103° 45' 48.137 W
11,410.0	90.59	177.02	10,298.5	-1,625.8	-18.9	476,627.05	717,430.84	32° 18' 32.522 N	103° 45' 48.069 W
11,505.0	90.95	178.86	10,297.3	-1,720.7	-15.5	476,532.13	717,434.26	32° 18' 31.582 N	103° 45' 48.035 W
11,601.0	90.55	180.18	10,296.0	-1,816.7	-14.7	476,436.14	717,435.06	32° 18' 30.632 N	103° 45' 48.031 W
11,697.0	90.29	179.83	10,295.3	-1,912.7	-14.7	476,340.14	717,435.05	32° 18' 29.682 N	103° 45' 48.037 W
11,792.0	88.79	179.13	10,296.1	-2,007.7	-13.8	476,245.15	717,435.91	32° 18' 28.742 N	103° 45' 48.033 W
11,887.0	90.51	180.00	10,296.7	-2,102.6	-13.1	476,150.16	717,436.63	32° 18' 27.802 N	103° 45' 48.031 W
11,983.0	91.60	180.27	10,294.9	-2,198.6	-13.3	476,054.18	717,436.41	32° 18' 26.852 N	103° 45' 48.039 W
12,078.0	91.74	180.18	10,292.1	-2,293.6	-13.7	475,959.22	717,436.04	32° 18' 25.913 N	103° 45' 48.050 W
12,174.0	92.57	180.44	10,288.5	-2,389.5	-14.2	475,863.29	717,435.52	32° 18' 24.964 N	103° 45' 48.062 W
12,270.0	92.62	180.44	10,284.2	-2,485.4	-15.0	475,767.39	717,434.78	32° 18' 24.015 N	103° 45' 48.076 W
12,366.0	93.14	180.27	10,279.3	-2,581.3	-15.6	475,671.52	717,434.19	32° 18' 23.066 N	103° 45' 48.089 W
12,462.0	90.37	180.27	10,276.4	-2,677.2	-16.0	475,575.57	717,433.73	32° 18' 22.117 N	103° 45' 48.100 W
12,557.0	90.86	180.79	10,275.4	-2,772.2	-16.9	475,480.58	717,432.85	32° 18' 21.177 N	103° 45' 48.116 W
12,653.0	90.46	181.50	10,274.3	-2,868.2	-18.8	475,384.61	717,430.94	32° 18' 20.227 N	103° 45' 48.145 W
12,749.0	91.12	181.67	10,272.9	-2,964.2	-21.5	475,288.66	717,428.28	32° 18' 19.278 N	103° 45' 48.181 W
12,844.0	90.99	181.50	10,271.2	-3,059.1	-24.1	475,193.71	717,425.65	32° 18' 18.338 N	103° 45' 48.218 W
12,940.0	90.24	181.15	10,270.2	-3,155.1	-26.3	475,097.74	717,423.43	32° 18' 17.389 N	103° 45' 48.250 W
13,035.0	89.93	179.74	10,270.0	-3,250.1	-27.0	475,002.75	717,422.70	32° 18' 16.449 N	103° 45' 48.264 W
13,131.0	87.82	178.95	10,271.9	-3,346.0	-26.0	474,906.78	717,423.79	32° 18' 15.499 N	103° 45' 48.257 W
13,227.0	87.74	178.07	10,275.6	-3,441.9	-23.5	474,810.88	717,426.29	32° 18' 14.550 N	103° 45' 48.234 W
13,322.0	87.12	177.46	10,279.9	-3,536.8	-19.8	474,716.05	717,429.99	32° 18' 13.611 N	103° 45' 48.197 W
13,418.0	87.38	177.02	10,284.5	-3,632.5	-15.1	474,620.27	717,434.61	32° 18' 12.663 N	103° 45' 48.149 W
13,513.0	90.15	178.95	10,286.5	-3,727.4	-11.8	474,525.37	717,437.94	32° 18' 11.724 N	103° 45' 48.116 W
13,609.0	90.81	178.77	10,285.7	-3,823.4	-9.9	474,429.39	717,439.85	32° 18' 10.774 N	103° 45' 48.100 W
13,705.0	90.73	179.83	10,284.4	-3,919.4	-8.7	474,333.41	717,441.03	32° 18' 9.824 N	103° 45' 48.092 W
13,801.0	89.80	180.00	10,284.0	-4,015.4	-8.6	474,237.41	717,441.17	32° 18' 8.874 N	103° 45' 48.096 W
13,896.0	89.58	179.56	10,284.5	-4,110.4	-8.2	474,142.41	717,441.53	32° 18' 7.934 N	103° 45' 48.098 W
13,991.0	91.25	180.36	10,283.8	-4,205.4	-8.1	474,047.42	717,441.60	32° 18' 6.994 N	103° 45' 48.103 W
14,087.0	89.63	180.44	10,283.1	-4,301.4	-8.8	473,951.43	717,440.93	32° 18' 6.044 N	103° 45' 48.117 W
14,182.0	88.84	179.39	10,284.4	-4,396.4	-8.7	473,856.44	717,441.07	32° 18' 5.105 N	103° 45' 48.121 W
14,277.0	88.66	179.13	10,286.4	-4,491.3	-7.4	473,761.47	717,442.30	32° 18' 4.165 N	103° 45' 48.113 W
14,373.0	88.88	179.21	10,288.5	-4,587.3	-6.1	473,665.50	717,443.69	32° 18' 3.215 N	103° 45' 48.102 W
14,468.0	90.46	179.65	10,289.0	-4,682.3	-5.1	473,570.51	717,444.63	32° 18' 2.275 N	103° 45' 48.097 W
14,564.0	91.60	180.00	10,287.3	-4,778.3	-4.8	473,474.53	717,444.93	32° 18' 1.325 N	103° 45' 48.100 W
14,659.0	90.90	179.92	10,285.2	-4,873.3	-4.8	473,379.55	717,444.99	32° 18' 0.385 N	103° 45' 48.105 W
14,754.0	90.33	179.30	10,284.2	-4,968.3	-4.1	473,284.56	717,445.64	32° 17' 59.445 N	103° 45' 48.103 W
14,850.0	90.02	179.48	10,283.9	-5,064.2	-3.1	473,188.57	717,446.66	32° 17' 58.495 N	103° 45' 48.097 W
14,945.0	89.85	179.48	10,284.0	-5,159.2	-2.2	473,093.57	717,447.52	32° 17' 57.555 N	103° 45' 48.093 W
15,041.0	89.58	179.39	10,284.5	-5,255.2	-1.3	472,997.58	717,448.47	32° 17' 56.605 N	103° 45' 48.088 W
15,136.0	91.21	180.62	10,283.9	-5,350.2	-1.3	472,902.58	717,448.46	32° 17' 55.665 N	103° 45' 48.094 W
15,231.0	89.89	181.85	10,282.9	-5,445.2	-3.3	472,807.61	717,446.41	32° 17' 54.726 N	103° 45' 48.124 W
15,326.0	89.71	181.94	10,283.3	-5,540.1	-6.5	472,712.67	717,443.27	32° 17' 53.786 N	103° 45' 48.166 W
15,422.0	88.66	181.32	10,284.6	-5,636.1	-9.2	472,616.72	717,440.54	32° 17' 52.837 N	103° 45' 48.204 W
15,518.0	88.62	181.15	10,286.9	-5,732.0	-11.3	472,520.77	717,438.47	32° 17' 51.888 N	103° 45' 48.234 W
15,613.0	89.23	181.59	10,288.7	-5,827.0	-13.5	472,425.81	717,436.20	32° 17' 50.948 N	103° 45' 48.266 W
15,706.4	88.71	181.33	10,290.4	-5,920.4	-15.9	472,332.46	717,433.83	32° 17' 50.024 N	103° 45' 48.300 W
Cross Section : 15706' MD, 1945' FEL									
15,709.0	88.70	181.32	10,290.4	-5,923.0	-16.0	472,329.86	717,433.77	32° 17' 49.999 N	103° 45' 48.301 W
15,804.0	89.05	180.00	10,292.3	-6,017.9	-17.1	472,234.88	717,432.67	32° 17' 49.059 N	103° 45' 48.319 W
15,899.0	90.46	179.83	10,292.7	-6,112.9	-16.9	472,139.89	717,432.81	32° 17' 48.119 N	103° 45' 48.324 W
15,994.0	92.26	179.56	10,290.5	-6,207.9	-16.4	472,044.92	717,433.32	32° 17' 47.179 N	103° 45' 48.324 W
16,090.0	92.00	179.92	10,286.9	-6,303.8	-16.0	471,948.99	717,433.75	32° 17' 46.230 N	103° 45' 48.325 W
16,185.0	90.15	178.77	10,285.1	-6,398.8	-14.9	471,854.02	717,434.84	32° 17' 45.290 N	103° 45' 48.318 W
16,280.0	90.51	178.77	10,284.6	-6,493.8	-12.9	471,759.04	717,436.88	32° 17' 44.350 N	103° 45' 48.300 W

Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Well Maldives 15-27 Fed Com 234H
Project:	Eddy Co, New Mexico (NAD-83)	TVD Reference:	Cactus 129: RKB @ 3433.9usft
Site:	Sec 15-T23S-R31E(Maldives)	MD Reference:	Cactus 129: RKB @ 3433.9usft
Well:	Maldives 15-27 Fed Com 234H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Compass_DSN

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
16,375.0	90.64	178.77	10,283.6	-6,588.7	-10.8	471,664.07	717,438.92	32° 17' 43.410 N	103° 45' 48.282 W
16,471.0	91.87	179.56	10,281.5	-6,684.7	-9.4	471,568.10	717,440.32	32° 17' 42.460 N	103° 45' 48.272 W
16,566.0	91.69	179.30	10,278.6	-6,779.7	-8.5	471,473.15	717,441.26	32° 17' 41.521 N	103° 45' 48.267 W
16,662.0	91.38	179.30	10,276.0	-6,875.6	-7.3	471,377.19	717,442.43	32° 17' 40.571 N	103° 45' 48.259 W
16,757.0	89.23	178.60	10,275.5	-6,970.6	-5.6	471,282.22	717,444.17	32° 17' 39.631 N	103° 45' 48.244 W
16,853.0	87.65	178.60	10,278.1	-7,066.5	-3.2	471,186.29	717,446.52	32° 17' 38.682 N	103° 45' 48.223 W
16,948.0	88.22	178.69	10,281.5	-7,161.4	-1.0	471,091.37	717,448.76	32° 17' 37.743 N	103° 45' 48.203 W
17,044.0	89.01	178.42	10,283.8	-7,257.4	1.4	470,995.43	717,451.18	32° 17' 36.793 N	103° 45' 48.180 W
17,140.0	89.10	178.51	10,285.4	-7,353.3	4.0	470,899.48	717,453.76	32° 17' 35.843 N	103° 45' 48.156 W
17,235.0	93.36	179.74	10,283.4	-7,448.3	5.5	470,804.54	717,455.21	32° 17' 34.904 N	103° 45' 48.145 W
17,330.0	93.93	180.36	10,277.3	-7,543.1	5.4	470,709.73	717,455.12	32° 17' 33.966 N	103° 45' 48.152 W
17,426.0	94.29	180.18	10,270.5	-7,638.8	4.9	470,613.98	717,454.67	32° 17' 33.018 N	103° 45' 48.163 W
17,521.0	92.79	181.23	10,264.6	-7,733.6	3.8	470,519.17	717,453.51	32° 17' 32.080 N	103° 45' 48.183 W
17,616.0	89.67	180.97	10,262.6	-7,828.6	1.9	470,424.22	717,451.68	32° 17' 31.141 N	103° 45' 48.210 W
17,712.0	87.65	180.27	10,264.8	-7,924.6	0.9	470,328.26	717,450.64	32° 17' 30.191 N	103° 45' 48.228 W
17,807.0	86.51	179.56	10,269.6	-8,019.4	1.0	470,233.39	717,450.78	32° 17' 29.252 N	103° 45' 48.232 W
17,903.0	88.66	179.56	10,273.7	-8,115.3	1.8	470,137.48	717,451.52	32° 17' 28.303 N	103° 45' 48.230 W
17,998.0	88.70	179.56	10,275.9	-8,210.3	2.5	470,042.51	717,452.25	32° 17' 27.363 N	103° 45' 48.227 W
18,094.0	89.80	179.48	10,277.1	-8,306.3	3.3	469,946.52	717,453.05	32° 17' 26.413 N	103° 45' 48.224 W
18,189.0	89.14	179.13	10,278.0	-8,401.3	4.5	469,851.53	717,454.21	32° 17' 25.473 N	103° 45' 48.216 W
18,284.0	90.68	179.04	10,278.2	-8,496.3	6.0	469,756.55	717,455.72	32° 17' 24.533 N	103° 45' 48.204 W
18,380.0	89.14	177.98	10,278.3	-8,592.2	8.5	469,660.58	717,458.22	32° 17' 23.584 N	103° 45' 48.181 W
18,476.0	91.16	178.77	10,278.1	-8,688.2	11.2	469,564.63	717,460.94	32° 17' 22.634 N	103° 45' 48.155 W
18,571.0	92.26	179.04	10,275.2	-8,783.1	13.0	469,469.69	717,462.76	32° 17' 21.694 N	103° 45' 48.140 W
18,667.0	92.88	178.77	10,270.9	-8,879.0	14.8	469,373.80	717,464.59	32° 17' 20.746 N	103° 45' 48.125 W
18,762.0	93.10	179.65	10,266.0	-8,973.9	16.2	469,278.94	717,465.90	32° 17' 19.807 N	103° 45' 48.115 W
18,857.0	92.18	180.18	10,261.6	-9,068.8	16.3	469,184.05	717,466.04	32° 17' 18.868 N	103° 45' 48.120 W
18,953.0	90.29	179.56	10,259.5	-9,164.7	16.5	469,088.07	717,466.26	32° 17' 17.918 N	103° 45' 48.123 W
19,049.0	88.97	179.56	10,260.1	-9,260.7	17.2	468,992.08	717,466.99	32° 17' 16.968 N	103° 45' 48.120 W
19,144.0	89.49	179.92	10,261.4	-9,355.7	17.7	468,897.09	717,467.42	32° 17' 16.028 N	103° 45' 48.121 W
19,239.0	89.32	179.65	10,262.4	-9,450.7	18.0	468,802.10	717,467.78	32° 17' 15.088 N	103° 45' 48.123 W
19,335.0	89.05	179.74	10,263.8	-9,546.7	18.5	468,706.11	717,468.29	32° 17' 14.138 N	103° 45' 48.123 W
19,430.0	88.75	179.74	10,265.6	-9,641.7	19.0	468,611.13	717,468.72	32° 17' 13.198 N	103° 45' 48.124 W
19,525.0	88.04	179.65	10,268.2	-9,736.6	19.5	468,516.17	717,469.23	32° 17' 12.259 N	103° 45' 48.124 W
19,620.0	88.62	179.39	10,271.0	-9,831.6	20.3	468,421.21	717,470.02	32° 17' 11.319 N	103° 45' 48.120 W
19,716.0	89.80	179.30	10,272.3	-9,927.6	21.4	468,325.23	717,471.12	32° 17' 10.369 N	103° 45' 48.114 W
19,811.0	89.80	179.48	10,272.7	-10,022.6	22.4	468,230.23	717,472.13	32° 17' 9.429 N	103° 45' 48.108 W
19,907.0	91.69	179.65	10,271.4	-10,118.6	23.1	468,134.25	717,472.86	32° 17' 8.479 N	103° 45' 48.105 W
20,002.0	90.29	180.27	10,269.8	-10,213.5	23.2	468,039.26	717,472.93	32° 17' 7.539 N	103° 45' 48.110 W
20,098.0	91.43	180.79	10,268.3	-10,309.5	22.3	467,943.28	717,472.04	32° 17' 6.589 N	103° 45' 48.126 W
20,193.0	91.08	179.83	10,266.3	-10,404.5	21.8	467,848.31	717,471.53	32° 17' 5.650 N	103° 45' 48.138 W
20,289.0	90.77	179.74	10,264.7	-10,500.5	22.1	467,752.32	717,471.89	32° 17' 4.700 N	103° 45' 48.140 W
20,384.0	87.96	179.04	10,265.8	-10,595.5	23.2	467,657.34	717,472.90	32° 17' 3.760 N	103° 45' 48.134 W
20,479.0	88.70	179.21	10,268.5	-10,690.4	24.6	467,562.39	717,474.35	32° 17' 2.820 N	103° 45' 48.123 W
20,575.0	90.95	179.74	10,268.8	-10,786.4	25.5	467,466.40	717,475.23	32° 17' 1.870 N	103° 45' 48.119 W
20,670.0	89.45	179.30	10,268.5	-10,881.4	26.3	467,371.41	717,476.02	32° 17' 0.930 N	103° 45' 48.115 W
20,765.0	90.37	179.74	10,268.6	-10,976.4	27.1	467,276.42	717,476.82	32° 16' 59.990 N	103° 45' 48.112 W
20,861.0	89.32	179.48	10,268.9	-11,072.4	27.7	467,180.42	717,477.47	32° 16' 59.040 N	103° 45' 48.110 W
20,956.0	87.21	179.13	10,271.8	-11,167.3	28.9	467,085.48	717,478.62	32° 16' 58.101 N	103° 45' 48.103 W
20,991.5	87.70	179.32	10,273.4	-11,202.8	29.4	467,050.01	717,479.10	32° 16' 57.750 N	103° 45' 48.100 W
Cross Section : 20992' MD, 1928' FEL									
21,051.0	88.53	179.65	10,275.3	-11,262.3	29.9	466,990.55	717,479.63	32° 16' 57.161 N	103° 45' 48.097 W
21,146.0	88.18	179.56	10,278.0	-11,357.2	30.5	466,895.59	717,480.29	32° 16' 56.222 N	103° 45' 48.095 W
21,242.0	89.01	179.83	10,280.4	-11,453.2	31.1	466,799.62	717,480.80	32° 16' 55.272 N	103° 45' 48.095 W
21,337.0	90.46	179.74	10,280.8	-11,548.2	31.4	466,704.63	717,481.16	32° 16' 54.332 N	103° 45' 48.097 W

Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Well Maldives 15-27 Fed Com 234H
Project:	Eddy Co, New Mexico (NAD-83)	TVD Reference:	Cactus 129: RKB @ 3433.9usft
Site:	Sec 15-T23S-R31E(Maldives)	MD Reference:	Cactus 129: RKB @ 3433.9usft
Well:	Maldives 15-27 Fed Com 234H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Compass_DSN

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
21,433.0	89.23	179.21	10,281.1	-11,644.2	32.3	466,608.63	717,482.04	32° 16' 53.382 N	103° 45' 48.093 W
21,528.0	92.53	179.39	10,279.6	-11,739.1	33.4	466,513.66	717,483.20	32° 16' 52.442 N	103° 45' 48.085 W
21,624.0	92.40	179.74	10,275.5	-11,835.1	34.2	466,417.76	717,483.92	32° 16' 51.493 N	103° 45' 48.082 W
21,719.0	93.49	179.74	10,270.6	-11,929.9	34.6	466,322.88	717,484.35	32° 16' 50.554 N	103° 45' 48.083 W
21,814.0	89.85	179.39	10,267.9	-12,024.9	35.3	466,227.94	717,485.08	32° 16' 49.615 N	103° 45' 48.081 W
21,910.0	90.33	179.74	10,267.7	-12,120.9	36.1	466,131.95	717,485.80	32° 16' 48.665 N	103° 45' 48.078 W
22,005.0	90.02	179.83	10,267.4	-12,215.9	36.4	466,036.95	717,486.16	32° 16' 47.725 N	103° 45' 48.080 W
22,100.0	89.49	179.92	10,267.8	-12,310.9	36.6	465,941.95	717,486.37	32° 16' 46.785 N	103° 45' 48.083 W
22,196.0	89.67	180.09	10,268.5	-12,406.9	36.6	465,845.95	717,486.36	32° 16' 45.835 N	103° 45' 48.089 W
22,291.0	91.82	180.88	10,267.3	-12,501.8	35.8	465,750.97	717,485.56	32° 16' 44.895 N	103° 45' 48.105 W
22,387.0	90.99	180.97	10,264.9	-12,597.8	34.3	465,655.01	717,484.01	32° 16' 43.945 N	103° 45' 48.129 W
22,482.0	90.29	180.97	10,263.9	-12,692.8	32.7	465,560.03	717,482.40	32° 16' 43.006 N	103° 45' 48.153 W
22,578.0	91.78	181.15	10,262.1	-12,788.7	30.9	465,464.07	717,480.62	32° 16' 42.056 N	103° 45' 48.180 W
22,673.0	90.46	181.23	10,260.3	-12,883.7	28.9	465,369.11	717,478.65	32° 16' 41.116 N	103° 45' 48.209 W
22,769.0	88.22	180.00	10,261.4	-12,979.7	27.9	465,273.13	717,477.62	32° 16' 40.167 N	103° 45' 48.227 W
22,864.0	88.00	180.18	10,264.5	-13,074.6	27.7	465,178.18	717,477.47	32° 16' 39.227 N	103° 45' 48.234 W
22,960.0	88.57	179.92	10,267.4	-13,170.6	27.6	465,082.22	717,477.39	32° 16' 38.278 N	103° 45' 48.241 W
23,055.0	89.23	179.65	10,269.2	-13,265.6	28.0	464,987.24	717,477.74	32° 16' 37.338 N	103° 45' 48.243 W
23,150.0	90.81	179.74	10,269.2	-13,360.6	28.5	464,892.25	717,478.25	32° 16' 36.398 N	103° 45' 48.243 W
23,245.0	91.96	180.00	10,266.9	-13,455.5	28.7	464,797.28	717,478.46	32° 16' 35.458 N	103° 45' 48.246 W
23,341.0	91.38	179.83	10,264.1	-13,551.5	28.9	464,701.32	717,478.61	32° 16' 34.508 N	103° 45' 48.251 W
23,436.0	89.89	178.95	10,263.0	-13,646.5	29.9	464,606.33	717,479.62	32° 16' 33.568 N	103° 45' 48.245 W
23,531.0	88.44	178.69	10,264.4	-13,741.4	31.8	464,511.37	717,481.57	32° 16' 32.628 N	103° 45' 48.228 W
23,627.0	88.22	178.69	10,267.2	-13,837.4	34.0	464,415.43	717,483.77	32° 16' 31.679 N	103° 45' 48.208 W
23,722.0	89.58	179.39	10,269.0	-13,932.3	35.6	464,320.46	717,485.36	32° 16' 30.739 N	103° 45' 48.196 W
23,817.0	89.63	179.48	10,269.7	-14,027.3	36.6	464,225.47	717,486.30	32° 16' 29.799 N	103° 45' 48.190 W
23,913.0	89.89	179.21	10,270.1	-14,123.3	37.6	464,129.48	717,487.39	32° 16' 28.849 N	103° 45' 48.184 W
24,008.0	88.84	179.30	10,271.2	-14,218.3	38.9	464,034.49	717,488.63	32° 16' 27.909 N	103° 45' 48.175 W
24,103.0	90.77	179.74	10,271.5	-14,313.3	39.7	463,939.50	717,489.42	32° 16' 26.969 N	103° 45' 48.172 W
24,199.0	90.59	179.13	10,270.3	-14,409.3	40.6	463,843.51	717,490.37	32° 16' 26.019 N	103° 45' 48.167 W
24,294.0	89.10	179.13	10,270.6	-14,504.3	42.1	463,748.53	717,491.81	32° 16' 25.079 N	103° 45' 48.156 W
24,389.0	88.53	179.65	10,272.6	-14,599.3	43.1	463,653.55	717,492.82	32° 16' 24.139 N	103° 45' 48.150 W
24,484.0	90.64	179.04	10,273.2	-14,694.2	44.2	463,558.57	717,493.91	32° 16' 23.199 N	103° 45' 48.143 W
24,579.0	87.82	178.86	10,274.5	-14,789.2	45.9	463,463.60	717,495.65	32° 16' 22.260 N	103° 45' 48.129 W
24,674.0	91.25	178.07	10,275.3	-14,884.2	48.4	463,368.66	717,498.20	32° 16' 21.320 N	103° 45' 48.105 W
24,769.0	90.33	177.72	10,274.0	-14,979.1	51.9	463,273.73	717,501.68	32° 16' 20.380 N	103° 45' 48.070 W
24,865.0	90.11	177.54	10,273.6	-15,075.0	55.9	463,177.81	717,505.65	32° 16' 19.431 N	103° 45' 48.030 W
24,960.0	89.85	176.93	10,273.6	-15,169.9	60.5	463,082.92	717,510.24	32° 16' 18.492 N	103° 45' 47.982 W
25,056.0	89.27	177.19	10,274.4	-15,265.8	65.4	462,987.05	717,515.16	32° 16' 17.543 N	103° 45' 47.931 W
25,151.0	89.45	178.16	10,275.4	-15,360.7	69.3	462,892.14	717,519.01	32° 16' 16.603 N	103° 45' 47.892 W
25,246.0	86.33	179.04	10,278.9	-15,455.6	71.6	462,797.24	717,521.33	32° 16' 15.664 N	103° 45' 47.871 W
25,342.0	87.52	179.74	10,284.1	-15,551.4	72.6	462,701.39	717,522.35	32° 16' 14.716 N	103° 45' 47.865 W
25,438.0	89.14	179.39	10,286.9	-15,647.4	73.3	462,605.44	717,523.08	32° 16' 13.766 N	103° 45' 47.862 W
25,533.0	89.36	179.30	10,288.1	-15,742.4	74.4	462,510.45	717,524.17	32° 16' 12.826 N	103° 45' 47.855 W
25,628.0	89.98	180.09	10,288.7	-15,837.4	74.9	462,415.46	717,524.68	32° 16' 11.886 N	103° 45' 47.855 W
25,723.0	89.98	180.62	10,288.7	-15,932.4	74.3	462,320.46	717,524.09	32° 16' 10.946 N	103° 45' 47.868 W
25,818.0	89.10	179.83	10,289.5	-16,027.3	74.0	462,225.46	717,523.71	32° 16' 10.006 N	103° 45' 47.878 W
25,913.0	90.55	180.00	10,289.8	-16,122.3	74.1	462,130.47	717,523.85	32° 16' 9.066 N	103° 45' 47.883 W
26,009.0	93.10	179.92	10,286.7	-16,218.3	74.2	462,034.52	717,523.92	32° 16' 8.117 N	103° 45' 47.888 W
26,104.0	91.12	179.83	10,283.2	-16,313.2	74.4	461,939.59	717,524.13	32° 16' 7.177 N	103° 45' 47.891 W
26,123.0	90.90	179.56	10,282.9	-16,332.2	74.5	461,920.60	717,524.23	32° 16' 6.989 N	103° 45' 47.891 W
Last Survey									
26,176.3	90.90	179.56	10,282.0	-16,385.5	74.9	461,867.30	717,524.64	32° 16' 6.462 N	103° 45' 47.890 W
Cross 100' FSL: 26176' MD, 1910' FEL									



Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Well Maldives 15-27 Fed Com 234H
Project:	Eddy Co, New Mexico (NAD-83)	TVD Reference:	Cactus 129: RKB @ 3433.9usft
Site:	Sec 15-T23S-R31E(Maldives)	MD Reference:	Cactus 129: RKB @ 3433.9usft
Well:	Maldives 15-27 Fed Com 234H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Compass_DSN

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
26,196.0	90.90	179.56	10,281.7	-16,405.2	75.0	461,847.61	717,524.79	32° 16' 6.267 N	103° 45' 47.889 W
PTB: 26196' MD, 80' FSL									

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
9,633.0	9,624.6	-253.1	-58.2	KOP: 9633' MD, 1956' FEL	
10,414.9	10,253.7	-640.2	-54.0	Cross Section : 10415' MD, 1954' FEL	
10,726.0	10,308.8	-943.3	-59.5	LP: 10726' MD, 1961' FEL	
15,706.4	10,290.4	-5,920.4	-15.9	Cross Section : 15706' MD, 1945' FEL	
20,991.5	10,273.4	-11,202.8	29.4	Cross Section : 20992' MD, 1928' FEL	
26,123.0	10,282.9	-16,332.2	74.5	Last Survey	
26,176.3	10,282.0	-16,385.5	74.9	Cross 100' FSL: 26176' MD, 1910' FEL	
26,196.0	10,281.7	-16,405.2	75.0	PTB: 26196' MD, 80' FSL	

Checked By: _____	Approved By: _____	Date: _____
-------------------	--------------------	-------------