



EQT (Chevron Data) 02-13-21

Marshall County, WV Chevron

Hines Pad EQT

M06H - Slot M06H

OH

Design: Hines M06H As Drilled

Standard Survey Report

19 July, 2021

05/27/2022



EQT
Survey Report

Database: EDM_Definitive	Local Co-ordinate Reference: Well M06H - Slot M06H
Company: EQT (Chevron Data) 02-13-21	TVD Reference: GL at 1125.00' & 25' KB @ 1149.998usft
Project: Marshall County, WV Chevron	MD Reference: GL at 1125.00' & 25' KB @ 1149.998usft
Site: Hines Pad EQT	North Reference: True
Well: M06H	Survey Calculation Method: Minimum Curvature
Wellbore: OH	
Design: Hines M06H As Drilled	

Project Marshall County, WV Chevron

Map: US State Plane 1983	System Datum: Mean Sea Level
Geo: North American Datum 1983	
Map Zone: West Virginia Northern Zone	

Site Hines Pad EQT

Site Position:	Northing: 514,501.050 usft	Latitude: 39.91
From: Map	Easting: 1,631,895.930 usft	Longitude: -80.70
Position Uncertainty: 1.500 usft	Slot Radius: 13-3/16 "	Grid Convergence: -0.7653 °

Well M06H - Slot M06H

Well Position: +N/-S 0.000 usft	Northing: 514,422.018 usft	Latitude: 39.9061759
+E/-W 0.000 usft	Easting: 1,632,054.071 usft	Longitude: 80.6993461°W
Position Uncertainty: 0.000 usft	Wellhead Elevation: 0.000 usft	Ground Level: 1,124.998 usft

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2000	12/31/2004	-8.4133	68.2443	53,878.81392253

Design Hines M06H As Drilled

Audio:

Version: 1.0	Phase: ACTUAL	Tie On Depth: 0.000
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Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.000	0.000	0.000	158.934

Survey Program Date 7/19/2021 ACTUAL Tie On Depth: 0.000

From (')	To (usft)	Survey (Wellbore)	Tool Name	Description
0.00	376.999	SDI Keeper v1.04 (OH)	SDI Standard Keeper 104	Standard Wireline Keeper ver 1.0.4
0.00	7,002.998	MWD (OH)	MWD c	MWD - Standard c
0.00	7,002.998	MWD + IFR1 + IFR2 + IFR3 + IFR4 + IFR5 + IFR6 + IFR7 + IFR8 + IFR9 + IFR10 + IFR11 + IFR12 + IFR13 + IFR14 + IFR15 + IFR16 + IFR17 + IFR18 + IFR19 + IFR20 + IFR21 + IFR22 + IFR23 + IFR24 + IFR25 + IFR26 + IFR27 + IFR28 + IFR29 + IFR30 + IFR31 + IFR32 + IFR33 + IFR34 + IFR35 + IFR36 + IFR37 + IFR38 + IFR39 + IFR40 + IFR41 + IFR42 + IFR43 + IFR44 + IFR45 + IFR46 + IFR47 + IFR48 + IFR49 + IFR50 + IFR51 + IFR52 + IFR53 + IFR54 + IFR55 + IFR56 + IFR57 + IFR58 + IFR59 + IFR60 + IFR61 + IFR62 + IFR63 + IFR64 + IFR65 + IFR66 + IFR67 + IFR68 + IFR69 + IFR70 + IFR71 + IFR72 + IFR73 + IFR74 + IFR75 + IFR76 + IFR77 + IFR78 + IFR79 + IFR80 + IFR81 + IFR82 + IFR83 + IFR84 + IFR85 + IFR86 + IFR87 + IFR88 + IFR89 + IFR90 + IFR91 + IFR92 + IFR93 + IFR94 + IFR95 + IFR96 + IFR97 + IFR98 + IFR99 + IFR100	MWD+IFR1+MWS MagVar 201	OWSG MWD + IFR1 + Multi-Station Corrected

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	Subsea Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0	0.000	0.000	0.000	-1,148.998	0.000	0.000	0.000	0.00000	0.00000	0.00000
1	0.000	341.890	25.000	-1,124.998	0.000	0.000	0.000	0.00000	0.00000	0.00000
2	0.000	74.400	100.000	-1,031.998	0.000	-0.723	-0.121	0.20432	0.20482	0.00000
3	0.000	120.4	132.999	-1,016.998	0.000	-0.637	-0.202	0.37466	0.16000	-103.6802
5	0.000	120.4	157.999	-991.998	0.284	-0.100	-0.284	0.12676	-0.12000	12.04002
3	0.000	337.980	182.999	-966.998	0.309	-0.132	-0.336	0.48714	-0.48000	45.88009



EQT
Survey Report

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Company:	EQT (Chevron Data) 02-13-21	TVD Reference:	GL at 1125.00' & 25' KB @ 1149.998usft
Project:	Marshall County, WV Chevron	MD Reference:	GL at 1125.00' & 25' KB @ 1149.998usft
Site:	Hines Pad EQT	North Reference:	True
Well:	M06H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Hines M06H As Drilled		

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	Subsea Depth (usft)	MD Reference		Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
					+N/-S (usft)	+E/-W (usft)				
207.999	0.000	207.970	207.999	-941.999	0.336	-0.005	-0.380	0.74865	0.68000	-20.12404
232.999	0.000	232.970	232.999	-816.999	0.336	0.000	-0.455	0.34611	0.08000	0.338018
257.999	0.000	257.970	257.999	-691.999	0.336	-0.005	-0.557	0.30045	0.24000	-37.24008
282.999	0.000	282.970	282.999	-567.000	0.336	+0.010	-0.643	0.39327	0.12000	-37.00014
307.998	0.328	219.750	307.998	-842.000	0.525	-0.052	-0.724	0.09324	-0.08000	-8.32002
332.997	0.400	284.780	332.997	-817.001	0.561	-0.811	-0.815	0.45887	0.44000	20.12004
357.996	0.450	219.180	357.996	-792.001	0.601	-0.992	-0.918	0.14190	-0.04000	-19.36004
382.995	0.520	277.000	382.995	-666.010	0.773	-2.471	-1.615	0.22870	0.22603	-3.56165
407.994	0.600	264.720	407.994	-541.013	0.774	-2.912	-1.770	0.65308	0.45181	-33.12910
536.993	0.690	263.650	536.993	-415.017	0.994	-3.445	-1.886	0.56663	0.46875	-18.96879
561.992	0.730	219.320	561.992	-290.024	0.606	-4.072	-1.936	1.29331	1.12903	-30.09684
586.991	0.820	215.090	586.991	-165.035	0.187	-4.826	-1.909	0.88293	0.80645	-13.64519
611.990	0.900	207.920	611.990	-40.050	-0.273	-5.664	-1.781	1.10018	0.83871	-22.12908
636.989	2.070	204.100	636.989	185.069	-0.874	-6.553	-1.540	0.68919	0.54839	-12.06454
721.000	0.990	202.190	721.000	-428.088	-1.531	-7.433	-1.243	0.34392	-0.25807	-6.41937
746.000	2.120	200.470	746.000	-303.109	-2.250	-8.330	-0.894	0.47822	0.43750	-5.37501
771.000	2.060	208.140	771.000	-178.130	-2.989	-9.190	-0.514	0.35560	-0.22581	-7.51614
796.000	1.720	222.310	796.000	-53.147	-3.705	-9.918	-0.108	1.25865	-1.09678	-18.80649
821.000	1.710	219.600	821.000	171.855	-4.406	-10.525	0.328	0.27317	-0.03226	-9.06453
877.000	1.310	211.590	877.000	-272.172	-5.065	-11.005	0.771	1.45319	-1.29033	-25.61296
902.000	1.000	204.370	902.000	-147.178	-5.613	-11.302	1.175	1.10198	-1.00000	-23.19360
927.000	0.910	182.970	927.000	-209.182	-6.121	-11.430	1.603	1.14209	-0.28125	-66.87514
952.000	0.670	154.130	952.000	-178.185	-6.530	-11.364	2.009	1.47414	-0.77420	-93.03245
977.000	0.580	133.420	977.000	-147.188	-6.820	-11.151	2.356	0.78078	0.03226	-66.58078
1,002.000	0.810	98.940	1,002.000	-116.190	-6.980	-10.801	2.631	1.48239	0.41936	-111.45184
1,027.000	0.670	92.780	1,027.000	-85.193	-7.023	-10.404	2.814	0.51881	-0.45161	-19.87101
1,052.000	0.900	75.730	1,052.000	-53.195	-6.977	-10.001	2.916	0.79065	0.40625	-53.28136
1,077.000	0.680	74.330	1,077.000	-22.198	-6.876	-9.619	2.959	0.45523	-0.45161	-4.51614
1,102.000	0.670	73.170	1,102.000	8.800	-6.783	-9.299	2.987	0.29307	-0.29032	-3.74194
1,127.000	0.170	90.470	1,127.000	39.799	-6.730	-9.107	3.007	1.29664	-1.29033	23.54843
1,152.000	0.100	181.060	1,152.000	71.799	-6.750	-9.060	3.043	0.66401	-0.21875	314.34438
1,177.000	0.650	204.390	1,177.000	102.798	-6.880	-9.204	3.112	1.92163	1.77420	172.03261
1,202.000	1.320	239.220	1,202.000	133.793	-7.173	-9.667	3.219	2.36888	2.35484	15.58068
1,227.000	2.050	239.670	1,227.000	164.779	-7.644	-10.467	3.371	2.16171	2.16129	1.45162
1,345.000	2.700	234.650	1,345.000	195.752	-8.347	-11.541	3.641	2.19957	2.09678	-16.19358
1,370.000	0.320	202.310	1,370.000	227.708	-9.351	-12.891	4.093	2.00556	1.96875	-7.31251
1,395.000	0.390	206.220	1,395.000	258.646	-10.627	-14.361	4.755	2.15832	1.77420	-19.61294
1,420.000	4.490	222.160	1,420.000	289.564	-12.252	-15.933	5.707	2.18741	1.96775	-13.12906
1,445.000	5.200	221.970	1,445.000	320.453	-14.196	-17.687	6.890	2.29091	2.29033	-0.61290
1,501.000	5.840	221.340	1,501.000	351.309	-16.425	-19.668	8.258	2.07372	2.06452	-2.03226
1,526.000	6.410	221.340	1,526.000	382.126	-18.988	-21.923	9.839	1.78125	1.78125	0.00000
1,551.000	6.590	219.520	1,551.000	412.927	-21.658	-24.196	11.513	0.86119	0.54839	-5.87098



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Well:	M06H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Hines M06H As Drilled		

Survey					MD Reference:						
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	Subsea Depth (usft)	North Reference		Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
					+N/-S (usft)	+E/-W (usft)					
1,584.715	8.720	170.050	1,584.715	444.718	-94.410	-28.485	13.293	0.52721	0.46387	-1.80846	
1,625.498	8.590	170.010	1,625.498	475.500	-94.425	-29.700	15.171	0.75656	0.41936	-5.32259	
1,657.264	7.900	170.010	1,657.264	507.264	-94.430	-31.270	17.215	0.86602	0.65625	-7.43750	
1,658.029	7.600	170.810	1,658.029	538.029	-94.434	-31.710	18.200	0.93145	0.68452	-7.34517	
1,719.777	7.200	170.810	1,719.777	569.777	-94.439	-33.600	21.252	0.99037	0.84375	-11.16125	
1,750.510	7.420	210.000	1,750.510	600.521	-94.463	-38.365	23.240	0.47981	0.35484	2.51613	
1,781.264	7.070	220.000	1,781.264	631.266	-94.724	-40.900	25.176	0.60181	-0.51613	2.41936	
1,812.008	7.400	210.000	1,812.008	662.010	-94.757	-43.160	27.071	0.88320	0.61290	2.25484	
1,842.747	7.600	200.000	1,842.747	692.749	-94.807	-45.091	28.979	0.26804	-0.12902	-1.70968	
1,874.470	7.200	210.000	1,874.470	724.482	-94.819	-48.855	31.043	1.09792	-0.03125	-3.50002	
1,905.224	7.300	210.000	1,905.224	755.226	-94.840	-51.090	33.131	0.47646	-0.35484	-2.48388	
1,935.978	7.010	210.000	1,935.978	785.978	-94.836	-53.400	35.243	0.50689	-0.29032	-3.29033	
1,966.725	7.100	210.000	1,966.725	816.727	-61.203	-58.742	37.357	0.92205	0.58065	4.25485	
1,997.466	7.200	210.000	1,997.466	847.469	-61.208	-58.122	39.493	0.42332	0.06452	-3.48388	
2,107.766	5.450	208.780	2,107.766	957.769	-70.100	-64.853	46.767	1.92479	-1.78379	-3.54956	
2,196.518	3.610	209.160	2,196.518	1,046.521	-80.832	-68.030	50.978	2.71927	-2.71911	0.42697	
2,285.419	2.400	210.720	2,285.419	1,135.421	-84.841	-70.176	53.574	0.71059	-0.68539	4.00001	
2,375.378	1.320	217.700	2,375.378	1,225.380	-85.887	-72.222	54.188	2.44138	-1.20000	72.26681	
2,454.350	1.270	248.270	2,454.350	1,314.363	-84.779	-73.421	52.723	1.70096	-0.05618	80.34848	
2,553.336	1.400	12.000	2,553.336	1,403.339	-82.748	-73.373	50.845	0.61589	0.14607	25.87646	
2,643.323	1.130	110.190	2,643.323	1,493.325	-81.980	-72.306	50.512	2.12887	-0.30000	108.76689	
2,732.268	2.670	150.520	2,732.268	1,582.271	-84.223	-70.386	53.295	2.40184	1.95506	45.32593	
2,821.121	3.720	163.170	2,821.121	1,671.123	-88.934	-68.451	58.386	1.26020	0.96629	14.20228	
2,910.966	2.600	163.950	2,910.966	1,760.968	-93.985	-66.959	63.636	0.83502	-0.83334	0.91111	
3,000.874	2.150	167.000	3,000.874	1,850.877	-97.886	-65.934	67.645	0.92370	-0.91111	3.43334	
3,089.839	1.200	217.310	3,089.839	1,939.841	-100.263	-66.124	69.795	1.87643	-1.07865	56.43832	
3,179.825	0.750	218.330	3,179.825	2,029.827	-101.530	-67.037	70.649	0.46156	-0.45556	-4.36668	
3,268.815	0.810	217.830	3,268.815	2,118.817	-102.602	-67.806	71.373	0.15222	0.13483	4.77529	
3,358.804	0.900	218.570	3,358.804	2,208.806	-103.578	-68.818	71.920	0.29641	-0.01111	18.82226	
3,447.788	1.250	247.490	3,447.788	2,297.791	-104.349	-70.270	72.118	0.45633	0.37079	14.51688	
3,537.769	1.320	256.180	3,537.769	2,387.772	-104.929	-72.016	72.031	0.23195	-0.12222	9.63335	
3,626.754	0.670	275.200	3,626.754	2,476.757	-105.068	-73.611	71.588	0.42393	-0.16854	21.48319	
3,716.742	0.900	278.720	3,716.742	2,566.745	-104.891	-75.068	70.898	0.09966	-0.07778	3.82223	
3,805.736	0.450	284.870	3,805.736	2,655.738	-104.634	-76.083	70.294	0.53448	-0.49438	18.14610	
3,895.734	0.710	315.290	3,895.734	2,745.736	-104.309	-76.582	69.812	0.22339	-0.16667	22.68893	
3,985.732	0.250	344.970	3,985.732	2,835.734	-103.916	-76.813	69.362	0.17181	-0.02222	32.92229	
4,074.731	0.710	343.050	4,074.731	2,924.733	-103.543	-76.919	68.976	0.09034	-0.08989	-2.08989	
4,163.730	0.290	368.830	4,163.730	3,013.732	-103.243	-77.140	68.616	0.18228	0.08989	-37.33715	
4,253.728	0.370	327.430	4,253.728	3,103.731	-102.852	-77.471	68.132	0.14249	0.08889	19.55560	
4,342.727	0.350	303.070	4,342.727	3,192.729	-102.459	-77.852	67.629	0.16799	-0.02247	-26.69668	
4,432.724	0.300	290.050	4,432.724	3,282.726	-102.002	-78.329	67.031	0.21693	0.16667	19.08893	
4,521.721	0.460	308.790	4,521.721	3,371.723	-101.477	-78.852	66.353	0.12207	-0.04494	-13.58430	



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Survey Report

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Project:	Meredith County, WV Chevron	MD Reference:	GL at 1125.00' & 25' KB @ 1149.998usft
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Well:	M06H	Survey Calculation Method:	Minimum Curvature
Wellbore:	GH		
Design:	Hines M06H As Drilled		

Survey					MD Reference:						
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	Subsea Depth (usft)	North Reference:		Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
					+N/-S (usft)	+E/-W (usft)					
6,111.710	72.222	162.591	4,811.710	3,481.718	-698.339	-79.449	95.534	8.28068	0.23333	17.14448	
6,400.714	72.160	162.591	4,700.714	3,550.714	-100.002	-80.040	64.696	0.24374	-0.20225	-13.62924	
6,790.720	72.122	162.591	4,790.720	3,716.718	-160.008	-80.480	66.070	0.19213	-0.13333	19.80004	
MD=4823' MD/8331' TVD											
6,790.720	72.122	162.591	4,790.710	3,840.721	-160.019	-80.480	64.069	0.00239	0.63000	0.00000	
6,825.000	72.122	162.591	4,825.000	3,928.700	-160.022	-80.480	64.218	0.00237	1.28104	0.00000	
6,859.286	72.122	162.591	4,859.286	3,999.802	-160.025	-80.480	64.694	0.00239	2.48667	0.00000	
6,893.572	72.122	162.591	4,893.572	4,068.235	-160.028	-80.480	63.952	0.00241	3.19102	0.00000	
6,927.858	72.122	162.591	4,927.858	4,134.812	-160.032	-80.480	62.548	0.00394	1.48614	12.05266	
6,962.144	72.122	162.591	4,962.144	4,202.508	-160.035	-80.480	58.988	0.00572	5.23597	0.00000	
6,996.430	72.122	162.591	4,996.430	4,270.602	-160.038	-80.480	55.135	0.00779	5.51112	-5.52223	
5,311.200	72.122	162.591	5,311.200	4,225.105	-116.095	-180.547	51.798	0.05021	-2.05818	0.00371	
5,345.486	72.122	162.591	5,345.486	4,211.545	-120.099	-180.012	48.460	0.15683	2.15550	-0.26667	
5,379.772	72.122	162.591	5,379.772	4,197.430	-124.105	-210.907	45.645	0.29912	0.55556	-4.30001	
5,414.058	72.122	162.591	5,414.058	4,182.130	-128.209	-235.359	49.278	0.03092	0.88754	-19.24835	
5,448.344	72.122	162.591	5,448.344	4,166.046	-132.299	-257.469	58.878	0.02040	2.24445	-15.54448	
5,482.630	72.122	162.591	5,482.630	4,149.480	-136.374	-279.237	78.778	0.19040	4.10113	-18.85397	
5,516.916	72.122	162.591	5,516.916	4,132.503	-140.437	-285.260	110.110	0.94093	4.55057	-20.20229	
5,551.202	72.122	162.591	5,551.202	4,115.619	-144.485	-287.711	152.411	7.51010	6.41112	-7.82224	
5,585.488	72.122	162.591	5,585.488	4,098.830	-148.514	-285.815	203.115	7.49009	7.04496	-4.23596	
5,619.774	72.122	162.591	5,619.774	4,082.266	-152.528	-279.053	262.830	7.83019	7.22224	-4.41112	
5,654.060	72.122	162.591	5,654.060	4,065.920	-156.521	-267.280	330.214	7.60203	6.94446	-4.05556	
5,688.346	72.122	162.591	5,688.346	4,049.755	-160.496	-251.410	402.734	6.04240	5.83147	-1.92135	
5,722.632	72.122	162.591	5,722.632	4,033.870	-164.456	-231.225	481.252	7.88699	7.36668	-0.21112	
5,756.918	72.122	162.591	5,756.918	4,018.260	-168.403	-207.027	564.367	7.10671	6.97779	-1.45556	
Top of M06H 10' 14" TVD											
6,570.248	72.122	162.591	6,283.094	5,133.096	-698.339	-202.682	578.817	7.18962	7.15643	0.72732	
6,604.534	72.122	162.591	6,302.469	5,152.471	-786.298	-181.715	649.771	7.18962	7.15750	0.70384	
6,638.820	72.122	162.591	6,316.262	5,166.265	-849.652	-153.962	737.529	8.92235	8.26968	-3.39327	
6,673.106	72.122	162.591	6,320.960	5,170.982	-933.644	-122.053	827.378	5.34479	4.96668	-1.97778	
LP=823' MD/8331' TVD											
6,825.000	89.230	158.310	6,320.980	5,170.982	-933.657	-122.048	827.392	0.00626	0.00000	0.00000	
6,911.988	89.350	158.720	6,322.083	5,172.085	-1,016.453	-89.459	916.368	0.48004	0.13485	0.46075	
7,000.990	89.930	160.080	6,323.380	5,173.382	-1,099.752	-58.149	1,005.354	1.58348	-0.41573	1.52809	
7,089.995	90.890	155.630	6,324.993	5,174.985	-1,180.048	-24.165	1,095.298	5.05476	0.00000	-5.05557	
7,179.000	89.250	150.360	6,325.514	5,176.516	-1,262.277	16.283	1,183.771	5.78621	0.07865	-5.78653	
7,268.005	89.930	147.660	6,328.061	5,178.063	-1,339.419	62.598	1,272.405	3.02278	-0.07778	-3.02223	
7,358.000	89.950	147.010	6,329.669	5,179.671	-1,414.330	110.625	1,359.573	0.73100	-0.03371	-0.73034	
7,448.005	88.710	150.490	6,331.507	5,181.509	-1,491.208	157.359	1,448.110	3.77532	-0.26667	3.76667	
7,538.000	88.000	150.730	6,333.301	5,183.303	-1,568.722	201.054	1,536.150	0.52370	0.30337	0.42697	
7,627.984	88.000	151.450	6,334.974	5,184.976	-1,647.511	244.521	1,625.297	0.75100	-0.10000	0.74445	
7,717.984	88.000	152.050	6,336.722	5,186.724	-1,726.958	284.565	1,713.827	4.04431	-0.03371	4.04495	
7,808.984	89.200	157.990	6,338.246	5,188.248	-1,809.485	320.414	1,803.724	3.28798	0.37778	3.26667	



EQT
Survey Report

Database:	EDM_Definitive	Local Co-ordinate Reference:	Well M06H - Stop M06H
Company:	EQT (Chevron Data) 02-13-21	TVD Reference:	GL at 1125.00' & 25' KB @ 1149.998usft
Project:	Marshall County, WV Chevron	MD Reference:	GL at 1125.00' & 25' KB @ 1149.998usft
Site:	Hines Pad EQT	North Reference:	True
Well:	M06H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Hines M06H As Drilled		

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	Subsea Depth (usft)	MD Reference:		Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
					+N/-S (usft)	+E/-W (usft)				
1,000.000	86.770	158.100	6,339.840	5,189.842	-1,893.233	353.328	1,893.706	1.32246	-0.47778	1.23334
7,350.000	85.688	160.840	6,341.038	5,191.040	-1,892.215	379.930	1,982.423	2.23021	1.03071	-0.41193
8,000.000	85.688	160.840	6,341.163	5,191.166	-2,000.000	402.212	2,071.844	2.61341	0.21111	-0.73667
9,000.000	85.688	160.840	6,340.937	5,190.989	-2,000.000	400.000	2,160.722	5.91223	0.11371	-0.71012
10,000.000	85.688	160.840	6,341.155	5,191.387	-2,000.000	400.000	2,246.583	5.39320	-1.08909	-0.50001
11,000.000	85.688	160.840	6,342.520	5,192.523	-2,000.000	500.015	2,338.930	2,44383	0.16854	-2.43821
12,000.000	85.688	160.840	6,343.689	5,193.591	-2,000.000	550.474	2,427.637	0.00262	-0.06667	-3.92223
13,000.000	85.688	160.840	6,344.822	5,194.624	-2,000.000	600.884	2,515.657	1.20258	-0.16667	-1.32222
14,000.000	85.688	160.840	6,346.065	5,196.067	-2,000.000	650.914	2,602.982	3.45174	0.13463	3.44945
15,000.000	85.688	160.840	6,347.208	5,197.205	-2,000.000	700.057	2,692.051	3.04428	0.03333	0.04445
16,000.000	85.688	160.840	6,348.296	5,198.289	-2,000.000	750.311	2,781.737	4.01887	0.03333	4.91112
8,881.982	85.688	160.840	6,349.448	5,199.448	-2,000.000	799.490	2,870.681	1,14272	-0.13483	1.13483
9,871.980	85.688	160.840	6,350.659	5,200.988	-2,000.000	849.367	2,960.653	3,78335	-0.41111	3,73334
10,861.978	85.688	160.840	6,352.025	5,202.697	-2,000.000	899.014	3,050.495	0,81167	0,27778	0,82223
11,851.976	85.688	160.840	6,353.407	5,203.709	-3,000.436	849.487	3,138.839	2,58121	0,51585	2,63833
12,841.974	85.688	160.840	6,354.406	5,204.408	-3,100.796	871.067	3,228.132	1,47922	0,03333	-1,17778
13,831.972	85.688	160.840	6,355.082	5,205.084	-3,200.470	895.295	3,317.714	2,61104	0,00000	-2,61112
14,821.970	85.688	160.840	6,355.616	5,205.659	-3,300.866	923.000	3,406.609	3,82253	0,13483	-3,82523
15,811.968	85.688	160.840	6,356.214	5,206.217	-3,400.485	956.761	3,496.583	0,30588	-0,10000	-3,34445
16,801.966	85.688	160.840	6,356.812	5,206.815	-3,499.765	990.805	3,585.562	1,77556	0,03371	1,77528
17,791.964	85.688	160.840	6,357.417	5,207.419	-3,540.943	1,025.024	3,675.530	1,85582	-0,03333	-1,85556
18,781.962	85.688	160.840	6,357.844	5,207.847	-3,600.224	1,063.295	3,764.235	5,08636	0,28090	-5,07886
19,771.960	85.688	160.840	6,359.249	5,209.251	-3,701.037	1,100.780	3,852.051	5,03458	-0,24719	-5,02922
20,761.958	85.688	160.840	6,359.191	5,209.193	-3,776.721	1,156.972	3,940.179	0,52552	-0,51111	0,12222
10,045.97	85.688	160.840	6,360.628	5,210.530	-3,850.367	1,202.146	4,027.940	4,81003	-0,06742	4,81012
10,135.97	85.688	160.840	6,361.635	5,211.638	-3,933.701	1,242.682	4,117.476	3,47967	0,41111	3,45556
10,224.97	85.688	160.840	6,362.350	5,212.352	-4,013.843	1,281.381	4,206.171	1,25442	0,13483	-1,24719
10,314.97	85.688	160.840	6,362.978	5,212.980	-4,093.581	1,323.094	4,295.573	2,85549	0,00000	-2,85556
10,403.97	85.688	160.840	6,363.289	5,213.291	-4,170.347	1,368.105	4,383.388	3,36719	0,44944	-3,33709
10,492.97	85.688	160.840	6,363.716	5,213.718	-4,245.913	1,415.122	4,470.803	0,61961	-0,61798	-0,04494
10,582.97	85.688	160.840	6,364.927	5,214.929	-4,324.988	1,457.967	4,559.994	7,70372	-0,48889	7,68890
10,671.97	85.688	160.840	6,366.147	5,216.149	-4,406.918	1,492.660	4,648.918	4,60693	0,46068	4,58428
10,761.97	85.688	160.840	6,366.987	5,216.990	-4,490.820	1,525.212	4,738.913	0,66311	0,10000	-0,65556
10,850.97	85.688	160.840	6,367.539	5,217.541	-4,574.013	1,556.822	4,827.908	1,59096	0,30337	1,56180
10,940.97	85.688	160.840	6,368.026	5,218.028	-4,658.516	1,587.788	4,917.895	0,20276	-0,20000	-0,03333



EQT
Survey Report

Database:	EDM_Definitive	Local Co-ordinate Reference:	Well M06H - Slot M06H
Company:	EQT (Chevron Data) 02-13-21	TVD Reference:	GL at 1125.00' & 25' KB @ 1149.998usft
Project:	Marshall County, WV Chevron	MD Reference:	GL at 1125.00' & 25' KB @ 1149.998usft
Site:	Mines Pad EQT	North Reference:	True
Well:	M06H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Mines M06H As Drilled		

Wellbore	Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	Subsea Depth (usft)	North Reference:		Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
						+N/-S (usft)	+E/-W (usft)				
	111479.70	89.720	158.910	6,368.934	5,218.937	-5,767.793	1,411.172	5,008.886	1.21908	-0.41573	-1.14807
	111490.00	89.720	158.910	6,370.441	5,220.444	-5,768.822	1,411.172	5,050.080	0.00127	-0.00428	-0.00130
	111500.30	89.720	158.910	6,371.947	5,221.950	-5,770.051	1,411.172	5,101.274	4.76971	0.24444	-1.28693
	111510.60	89.720	158.910	6,373.454	5,223.016	-5,771.280	1,390.152	5,273.177	1.97138	0.62023	-0.31113
	111520.90	89.720	158.910	6,374.961	5,223.215	-5,772.509	1,369.033	5,389.651	0.32279	0.21111	-0.31113
	111479.70	89.720	158.910	6,373.453	5,223.456	-5,170.006	1,744.892	5,451.670	2.11981	-0.28090	-2.10113
	111588.90	89.750	160.490	6,373.870	5,223.872	-5,254.412	1,778.110	5,541.658	1.75590	0.03333	-1.75590
	111607.70	89.750	160.490	6,373.947	5,223.960	-5,237.028	1,808.867	5,636.645	1.24670	0.44644	-1.59427
	111626.50	89.750	160.490	6,373.947	5,223.960	-5,237.028	1,848.994	5,720.482	0.86695	-0.33333	-0.86695
	111645.30	89.750	160.490	6,373.813	5,223.816	-5,235.572	1,889.120	5,808.799	2.42357	0.82023	-1.26090
	111601.30	89.820	159.870	6,373.068	5,223.302	-5,570.878	1,930.152	5,897.754	1.65401	-0.84445	-1.42223
	12,013.97	89.800	158.880	6,373.532	5,223.535	-5,050.537	1,975.031	5,985.697	0.28479	0.06742	0.34832
	12,130.97	89.800	158.880	6,373.742	5,223.744	-5,130.486	2,019.403	6,073.549	0.48492	-0.03371	0.48315
	12,144.97	89.890	162.190	6,374.103	5,224.106	-5,804.537	2,082.688	6,162.736	2.09643	-0.17778	-2.08889
	12,231.91	89.890	163.280	6,374.849	5,224.851	-5,888.695	2,103.459	6,251.211	1.28288	-0.38202	1.22472
	12,317.87	89.900	163.380	6,376.193	5,226.195	-5,968.295	2,141.381	6,339.961	3.91810	-0.46315	0.93315
	12,400.97	89.760	160.120	6,377.214	5,227.217	-6,052.797	2,174.843	6,429.932	4.26371	0.95556	4.15556
	12,509.97	89.650	160.970	6,377.362	5,227.364	-6,136.714	2,204.266	6,518.895	0.86561	0.28090	0.86598
	12,619.97	90.460	157.290	6,378.977	5,226.979	-6,220.794	2,236.342	6,608.878	4.11807	0.47778	-4.08890
	12,728.9	89.480	158.290	6,378.713	5,226.715	-6,300.870	2,271.459	6,697.812	1.38784	-0.65169	-1.19101
	12,814.97	89.570	154.190	6,378.629	5,226.632	-6,380.384	2,308.774	6,786.619	2.29457	0.10112	-2.29214
	12,901.97	89.480	150.710	6,378.647	5,226.949	-6,460.197	2,350.391	6,876.629	3.88798	-0.10000	-3.88567
	12,987.97	89.600	149.040	6,377.183	5,227.185	-6,540.903	2,395.698	6,964.877	2.07884	-0.06667	-2.07778
	13,088.97	89.890	151.620	6,377.563	5,227.566	-6,618.153	2,439.884	7,052.843	3.12699	-0.14607	3.12360
	13,175.97	90.690	154.650	6,377.276	5,227.278	-6,697.503	2,480.166	7,141.368	3.47493	1.11236	3.29214
	13,264.97	89.690	155.590	6,376.321	5,226.323	-6,778.525	2,516.971	7,230.204	2.29666	-0.14607	2.29214
	13,354.97	89.800	159.640	6,376.784	5,226.786	-6,862.025	2,550.512	7,320.180	3.87421	-1.87778	3.38890
	13,443.97	89.000	165.600	6,378.385	5,228.388	-6,946.898	2,577.118	7,408.944	6.64398	0.24719	6.64046
	13,533.97	89.350	166.140	6,379.618	5,229.621	-7,034.157	2,599.125	7,498.281	0.72088	0.30000	0.65556



EQT
Survey Report

Database:	EDM_Definitive	Local Co-ordinate Reference:	Well M06H - Sto(M06H
Company:	EQT (Chevron Data) 02-13-21	TVD Reference:	GL at 1125.00' & 25' KB @ 1149.988usft
Project:	Mason County, WV Chevron	MD Reference:	GL at 1125.00' & 25' KB @ 1149.988usft
Site:	Hines Pad EQT	North Reference:	True
Well:	M06H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Hines M06H As Drilled		

Survey

Wellbore	Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	Subsea Depth (usft)	MD Reference:		Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
						+N/-S (usft)	+E/-W (usft)				
	13.980	88.120	156.120	5,309.454	5,230.436	-7,011.763	2,820.454	7,580.894	0.02543	0.25050	-4.51786
	14.000	88.120	156.120	5,309.454	5,231.392	-7,011.763	2,820.454	7,580.894	0.02543	0.25050	-4.51786
	14.020	88.120	156.120	5,309.454	5,232.649	-7,011.763	2,820.454	7,580.894	2.67115	0.03667	0.17778
	14.040	88.200	156.680	5,305.618	5,233.822	-7,011.763	2,820.454	7,584.799	1.04540	0.03371	1.04495
	14.060	88.200	156.680	5,305.618	5,235.031	-7,011.763	2,745.843	7,944.734	0.18885	-0.06667	0.17778
	14.080	88.200	156.680	5,305.618	5,235.699	-7,011.763	2,777.065	8,033.715	3.89812	0.83146	-1.89888
	14.100	88.290	152.540	5,308.319	5,236.321	-7,011.763	2,814.911	8,122.480	5.70294	-0.76405	-5.65170
	14.248.97	88.860	149.170	5,387.796	5,237.798	-7,011.763	2,858.731	8,211.562	3.77023	-0.44445	-0.74445
	14.268.97	88.860	149.170	5,388.566	5,239.569	-7,011.763	2,904.473	8,299.227	0.23591	0.00000	-0.23591
	14.407.97	88.860	150.220	5,391.357	5,241.359	-7,011.763	2,980.020	8,388.013	1.39973	0.00000	1.40000
	14.516.97	88.860	153.450	5,393.268	5,243.270	-7,930.884	2,992.014	8,476.299	3.63402	-0.20225	3.62922
	14.660.97	88.110	150.130	5,395.004	5,245.006	-8,012.269	3,030.337	8,566.038	3.01532	0.47778	2.57778
	14.800.97	88.172	150.000	5,395.656	5,246.357	-8,056.058	3,065.660	8,655.968	1.70912	0.06667	1.70000
	14.780.97	88.000	150.000	5,397.719	5,247.717	-8,170.624	3,065.593	8,744.859	8.00016	-0.10112	8.00001
	14.874.97	88.350	154.020	5,398.934	5,248.937	-8,264.154	3,120.853	8,833.605	1.16544	0.30337	1.14607
	14.964.97	88.290	156.470	5,400.004	5,250.006	-8,348.790	3,151.248	8,923.510	8.38858	-0.06667	-8.38891
	15.050.97	88.200	152.900	5,401.130	5,251.133	-8,429.224	3,189.295	9,012.244	4.01106	-0.03371	-4.01124
	15.140.97	88.200	150.540	5,402.327	5,252.329	-8,506.353	3,230.014	9,100.721	0.29579	-0.06742	-0.29214
	15.230.97	88.140	150.870	5,403.630	5,253.633	-8,581.825	3,272.060	9,190.002	1.86758	-0.06667	-1.86667
	15.321.97	88.200	152.140	5,404.920	5,254.922	-8,655.834	3,315.055	9,278.244	1.42841	0.06742	1.42897
	15.411.969	88.140	150.170	5,406.223	5,256.226	-8,745.767	3,356.391	9,367.693	1.14627	-0.06667	1.14445
	15.500.97	88.710	154.900	5,407.893	5,257.896	-8,825.766	3,395.349	9,456.349	2.00263	-0.48315	1.94382
Final Survey=15581' MD/ 6408' TVD											
	15.591.97	88.710	154.900	5,407.894	5,257.896	-8,825.794	3,395.362	9,456.379	0.00000	0.00000	0.00000
Projection to TD/Deepest Point of Well=15558' MD/ 6409' TVD											
	15.556.96	88.710	154.900	5,409.131	5,259.134	-8,875.560	3,418.674	9,511.198	0.00000	0.00000	0.00000



EQT
Survey Report

Database:	EDM_Definitive	Local Co-ordinate Reference:	Well M06H - Slot M06H
Company:	EQT (Chevron Data) 02-13-21	TVD Reference:	GL at 1125.00' & 25' KB @ 1149.899usft
Project:	Marcellus County, WV Chevron	MD Reference:	GL at 1125.00' & 25' KB @ 1149.998usft
Site:	Hines Pad EQT	North Reference:	True
Well:	M06H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Hines M06H As Drilled		

Design Targets										
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
- hit/miss target	(°)	(°)	(usft)	(-99.553)	(-80.254)	(usft)	(usft)			
- Shape										
KOP=4757'	0.000	0.000	4,750.72	-99.553	-80.254	614,299.490	1,331,972.490	39.3059026	80.6996321°W	
Target center	0.255	0.000	0.000	MD (4791.2)	TVD (-4791.2)	(-86 E)				
KOP=6277'	0.000	0.000	6,320.56	-99.553	-80.254	614,299.490	1,331,915.890	39.3033310	80.6997600°W	
Target center	0.255	0.000	0.000	MD (6320.2)	TVD (-6320.2)	(-86 E)				
KOP=8408'	0.000	0.000	8,408.12	-99.553	-80.254	614,299.490	1,335,354.180	39.3318099	80.6871632°W	
Target center	0.255	0.000	0.000	MD (8408.1)	TVD (-8408.1)	(-86 E)				

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
6,277.600	6,277.600	Top of Marcellus@6277' TVD		-0.5000		

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
4,750.72	4,750.715	-99.553	-80.254	KOP=4757' MD/4791' TVD	
6,320.56	6,320.560	-99.553	-80.254	KOP=6277' MD/6320' TVD	
8,408.12	8,408.120	-99.553	-80.254	KOP=8408' MD/8408' TVD	

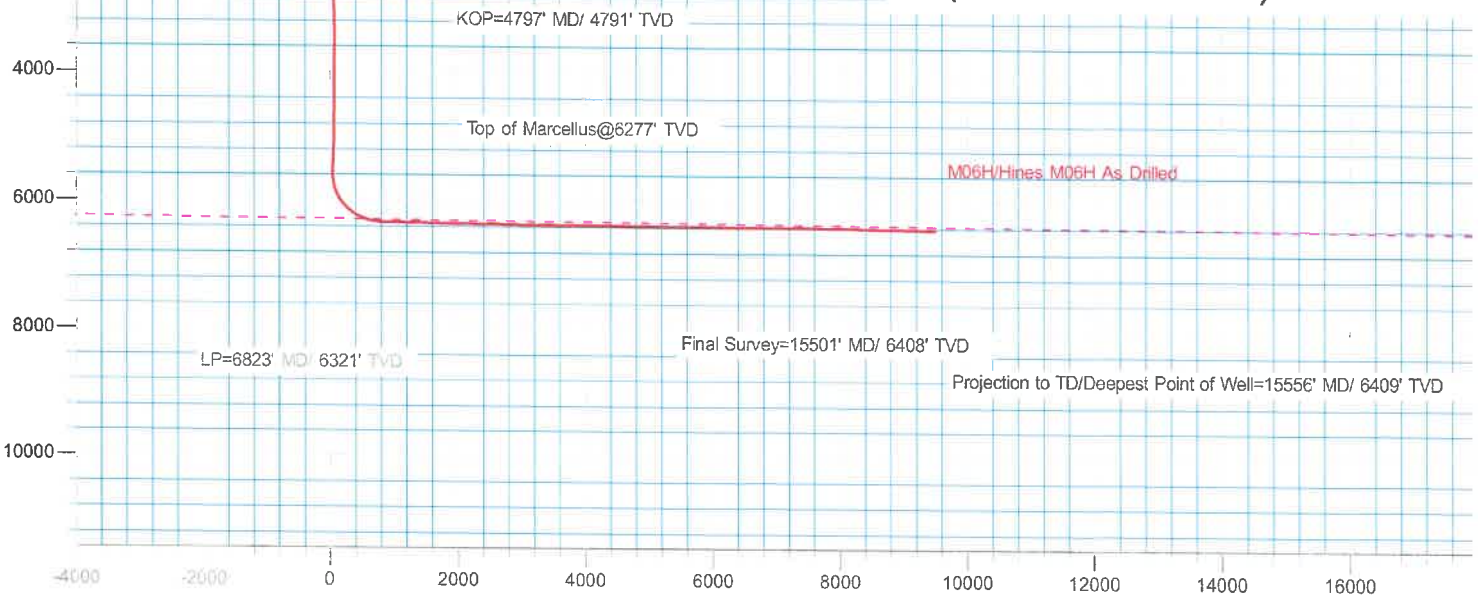
Checked By: _____ Approved By: _____ Date: _____



KB Elevation= GL at 1125.00' & 25' KB @ 1149.998usft
 Ground Elevation= 1124.998
 All measurements were taken from KB Elevation

Project: Marathon County, OH - Chevron
 Site: Hines Pad EQT
 Well: M06H
 Wellbore: OH
 Design: Hines M06H As Drilled

EQT (Chevron Data) 02-13-21



Surface Location: M06H							
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot	
0.000	0.000	514422.018	1632054.071	39.9061758	80.6993461°W	M06H	
DESIGN TARGET DETAILS							
Name	TVD	Northing	Easting	Latitude	Longitude		
Hines 6H KOP	4790.720	514323.546	1631972.495	39.9059025	80.6996322°W		
Hines 6H LP	6320.982	513490.177	1631919.803	39.9036130	80.6997803°W		
Hines 6H BHL	6409.134	505501.714	1635354.186	39.8818096	80.6871632°W		

