



EQT (Chevron Data) 02-13-21

Marshall County, WV Chevron

Freeland

M06H Plat

Wellbore #1

Design: Freeland M06H As Drilled

Standard Survey Report

23 August, 2021



EQT
Survey Report

Database:	EDM_Definitive	Local Co-ordinate Reference:	Well M06H Plat
Company:	EQT (Chevron Data) 02-13-21	TVD Reference:	KB@27 @ 1301.000usft
Project:	Marshall County, WV Chevron	MD Reference:	KB@27 @ 1301.000usft
Site:	Freeland	North Reference:	True
Well:	M06H Plat	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Freeland M06H As Drilled		

Project	Marshall County, WV Chevron		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	West Virginia Northern Zone		

Site	Freeland				
Site Position:		Northing:	500,572.528 usft	Latitude:	39.87
From:	Lat/Long	Easting:	1,614,533.947 usft	Longitude:	-80.76
Position Uncertainty:	0.000 usft	Slot Radius:	13-3/16 "	Grid Convergence:	-0.8043 °

Well	M06H Plat					
Well Position	+N/-S	0.000 usft	Northing:	500,627.740 usft	Latitude:	39.8676522
	+E/-W	0.000 usft	Easting:	1,614,549.440 usft	Longitude:	80.7610475°W
Position Uncertainty		0.000 usft	Wellhead Elevation:	usft	Ground Level:	1,274.000 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	User Defined	9/26/2019	-7.9000	66.8500	52,295.90000000

Design	Freeland M06H As Drilled				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.000
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.000	0.000	0.000	252.268	

Survey Program	Date	8/23/2021			
From ()	To (usft)	Survey (Wellbore)	Tool Name	Description	
0.00	630.000	Freeland M06H Gyro (Wellbore #1)	53_SDI_Keeper_WL_NS+CTSDI_101Ga	- SDI Keep static gyrocompass with con c	

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)	
0.000	0.000	0.000	0.000	-1,301.000	0.000	0.000	0.000	0.00000	0.00000	0.00000	
100.000	0.130	19.890	100.000	-1,201.000	0.107	0.039	-0.069	0.13000	0.13000	0.00000	
125.000	0.190	317.180	125.000	-1,176.000	0.164	0.020	-0.069	0.69685	0.24000	-250.8400	
150.000	0.060	299.380	150.000	-1,151.000	0.201	-0.020	-0.043	0.53653	-0.52000	-71.20000	
175.000	0.160	229.650	175.000	-1,126.000	0.184	-0.058	-0.001	0.60064	0.40000	-278.9200	
200.000	0.220	205.070	200.000	-1,101.000	0.118	-0.104	0.063	0.39959	0.24000	-98.32000	
225.000	0.220	190.120	224.999	-1,076.001	0.028	-0.133	0.118	0.22896	0.00000	-59.80000	



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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)
250.000	0.260	224.460	249.999	-1,051.001	-0.060	-0.181	0.191	0.58705	0.16000	137.36000
275.000	0.200	215.180	274.999	-1,026.001	-0.136	-0.246	0.276	0.28174	-0.24000	-37.12000
300.000	0.160	219.220	299.999	-1,001.001	-0.199	-0.293	0.340	0.16776	-0.16000	16.16000
325.000	0.180	234.420	324.999	-976.001	-0.249	-0.347	0.407	0.19657	0.08000	60.80000
350.000	0.210	251.740	349.999	-951.001	-0.286	-0.423	0.490	0.26315	0.12000	69.28000
375.000	0.160	259.970	374.998	-926.001	-0.307	-0.501	0.570	0.22599	-0.20000	32.92000
400.000	0.090	219.500	399.998	-901.002	-0.328	-0.548	0.621	0.43434	-0.28000	-161.88000
425.000	0.090	271.630	424.998	-876.002	-0.342	-0.580	0.657	0.31636	0.00000	208.52000
450.000	0.150	285.700	449.998	-851.002	-0.333	-0.631	0.702	0.26563	0.24000	56.28000
475.000	0.320	261.460	474.998	-826.002	-0.334	-0.731	0.799	0.77319	0.68000	-96.96000
500.000	0.210	271.250	499.998	-801.002	-0.344	-0.846	0.911	0.47425	-0.44000	39.16000
525.000	0.290	273.220	524.998	-776.002	-0.339	-0.955	1.013	0.32179	0.32000	7.88000
550.000	0.430	258.180	549.997	-751.003	-0.355	-1.110	1.166	0.67104	0.56000	-60.16000
575.000	0.430	248.660	574.996	-726.004	-0.408	-1.289	1.353	0.28546	0.00000	-38.08000
600.000	0.350	247.500	599.996	-701.004	-0.472	-1.447	1.522	0.32154	-0.32000	-4.64000
625.000	0.450	258.150	624.995	-676.005	-0.521	-1.614	1.696	0.49681	0.40000	42.60000
Final Gyro=630' MD/ TVD										
630.000	0.470	259.740	629.995	-671.005	-0.529	-1.653	1.736	0.47449	0.40000	31.80000

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
630.000	629.995	-0.529	-1.653	Final Gyro=630' MD/ TVD	

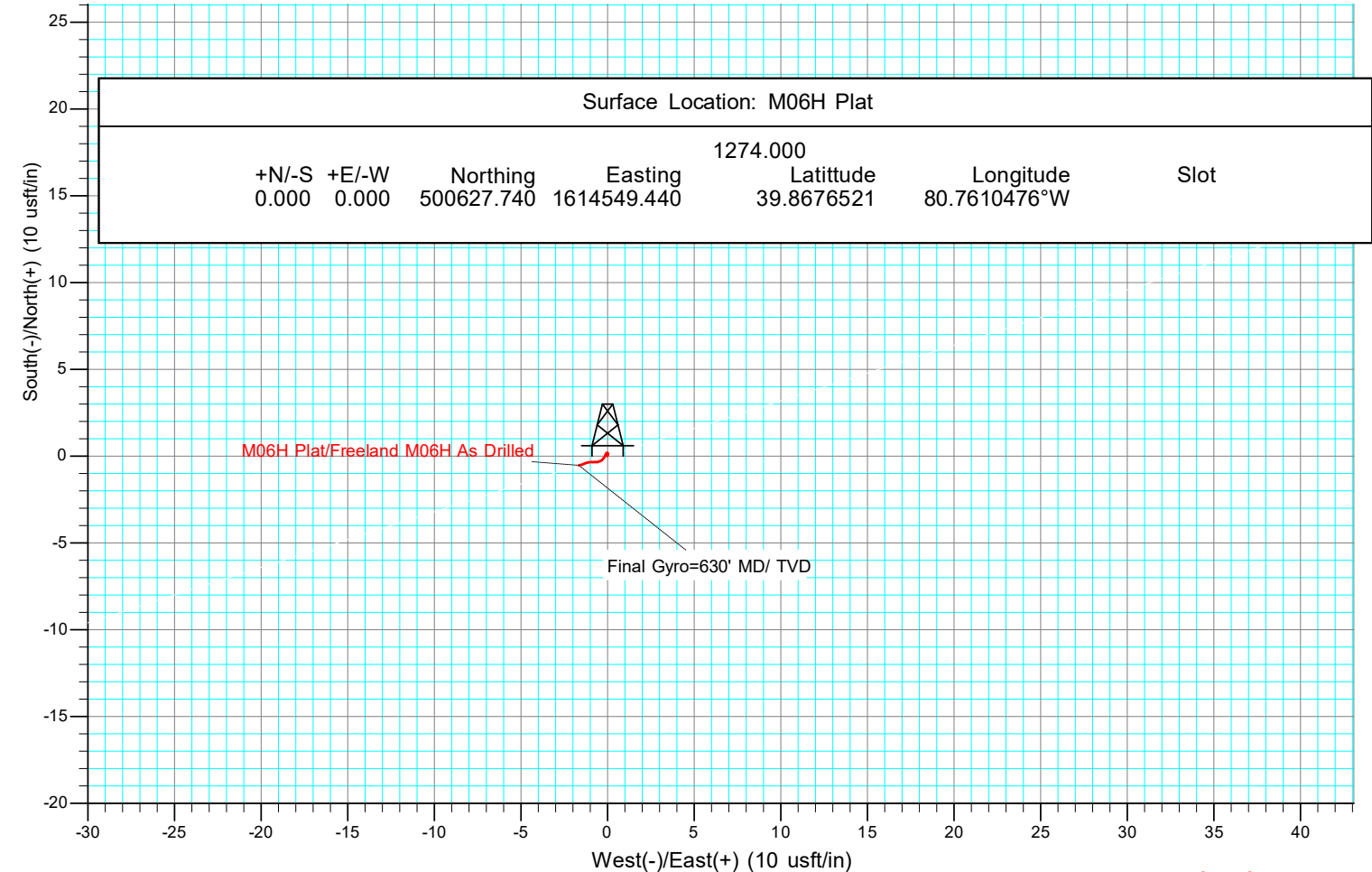
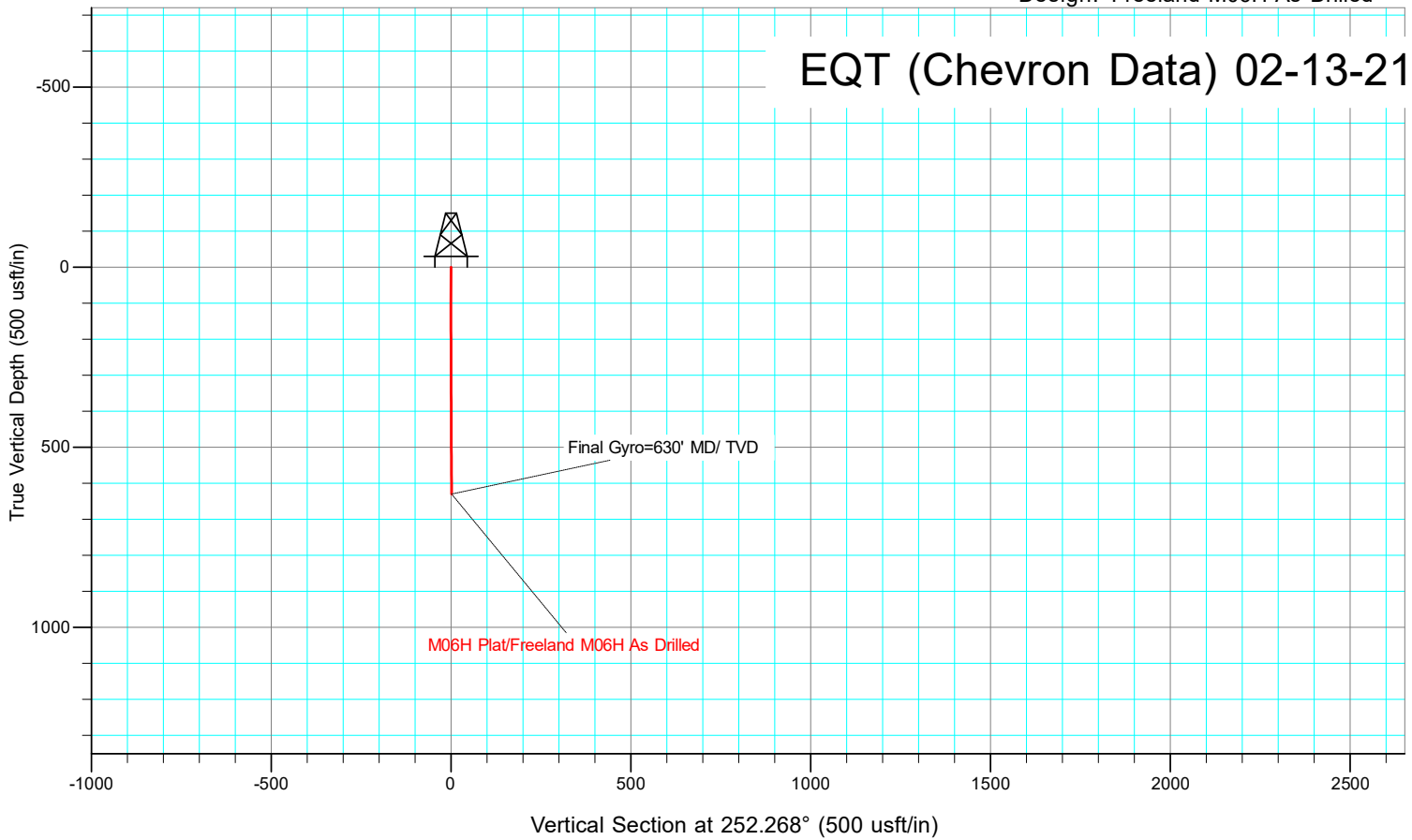
Checked By: _____ Approved By: _____ Date: _____



KB Elevation= KB@27 @ 1301.000usft
 Ground Elevation= 1274.000
 All measurements were taken from KB Elevation

Project: Marshall County, WV Chevron
 Site: Freeland
 Well: M06H Plat
 Wellbore: Wellbore #1
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11/19/2021