



ANTERO RESOURCES CORPORATION



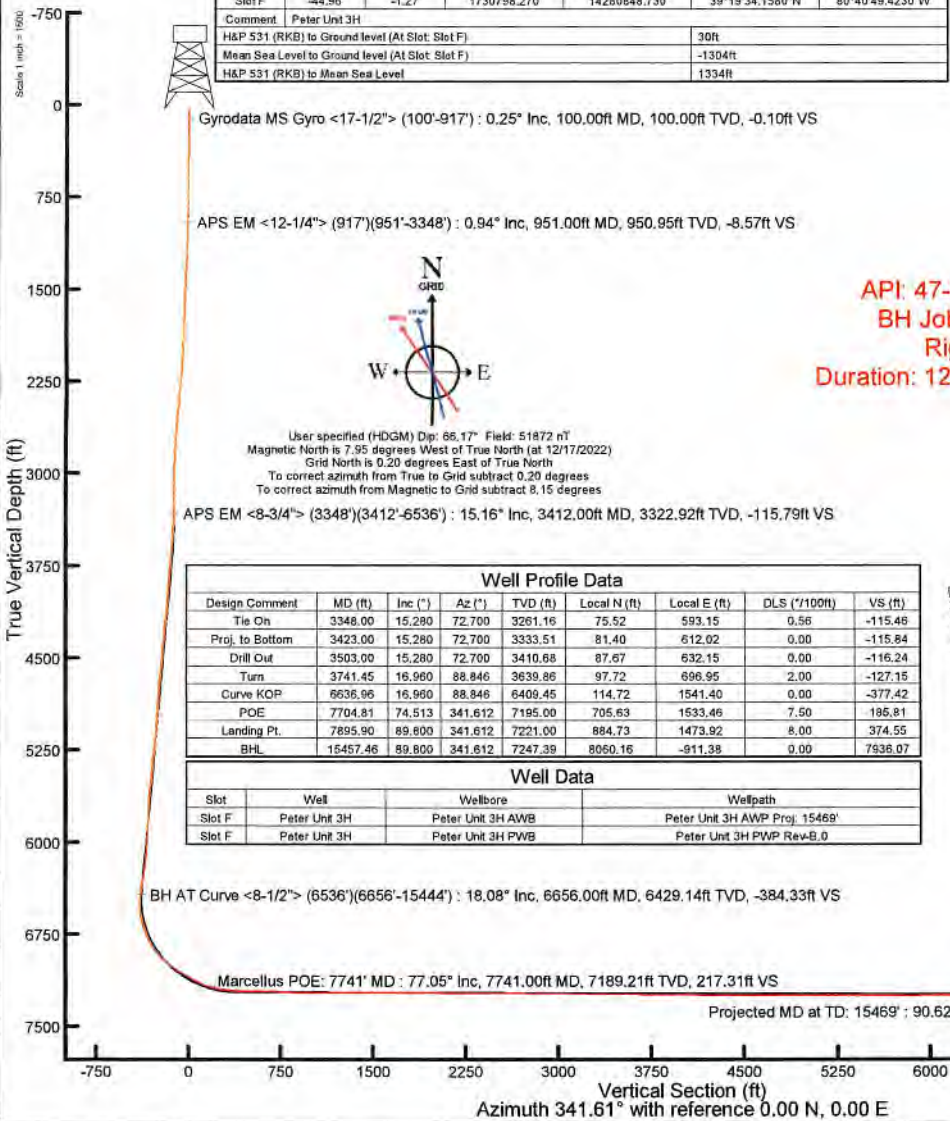
Location: Doddridge Co., WV
 Field: Doddridge
 Facility: Lemley Pad

Slot: Slot F
 Well: Peter Unit 3H
 Wellbore: Peter Unit 3H PWB

Plot reference wellbore is Peter Unit 3H PWP Rev-B.0	Grid System: NAD27 / UTM Zone 17 North, US feet
True vertical depths are referenced to H&P 531 (RKB)	North Reference: Grid north
Reference wellbore measured depths are referenced to H&P 531 (RKB)	Scale: True distance
H&P 531 (RKB) to Mean Sea Level: 1334 feet	Coordinates are in feet referenced to Slot
Mean Sea Level to Ground level (At Slot: Slot F): -1304 feet	Depths are in feet
Offset wellbore MDs are referenced to each path's default MD datum	Created by: inducary on 2023-01-06, Database: WA_MPS_EASTERNUS_Depts

Easting (ft)
 Scale 1 inch = 1500
 -3000 -2250 -1500 -750 0 750 1500 2250

Location Information					
Facility Name	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude	
Lemley Pad	-1730799.540	14280893.670	39°19'34.6023"N	80°40'49.4048"W	
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude
Slot F	-44.96	-1.27	1730798.270	14280848.730	39°19'34.1580"N
Comment	Peter Unit 3H				
H&P 531 (RKB) to Ground level (At Slot: Slot F)			30ft		
Mean Sea Level to Ground level (At Slot: Slot F)			-1304ft		
H&P 531 (RKB) to Mean Sea Level			1334ft		



Gyrodata MS Gyro <17-1/2"> (100°-917') : 0.25° Inc, 100.00ft MD, 100.00ft TVD, -0.10ft VS

APS EM <12-1/4"> (917')(951'-3348') : 0.94° Inc, 951.00ft MD, 950.95ft TVD, -8.57ft VS

APS EM <8-3/4"> (3348')(3412'-6536') : 15.16° Inc, 3412.00ft MD, 3322.92ft TVD, -115.79ft VS

Well Profile Data								
Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	3348.00	15.290	72.700	3261.16	75.52	593.15	0.56	-115.46
Proj. to Bottom	3423.00	15.280	72.700	3333.51	81.40	612.02	0.00	-115.84
Drill Out	3503.00	15.280	72.700	3410.68	87.67	632.15	0.00	-116.24
Turn	3741.45	16.960	88.846	3639.86	97.72	696.95	2.00	-127.15
Curve KOP	6636.96	16.960	88.846	6409.45	114.72	1541.40	0.00	-377.42
POE	7704.81	74.513	341.612	7195.00	705.63	1533.46	7.50	-186.81
Landing Pt.	7895.90	89.800	341.612	7221.00	884.73	1473.92	8.00	374.55
BHL	15457.46	89.800	341.612	7247.39	8060.16	-911.38	0.00	7936.07

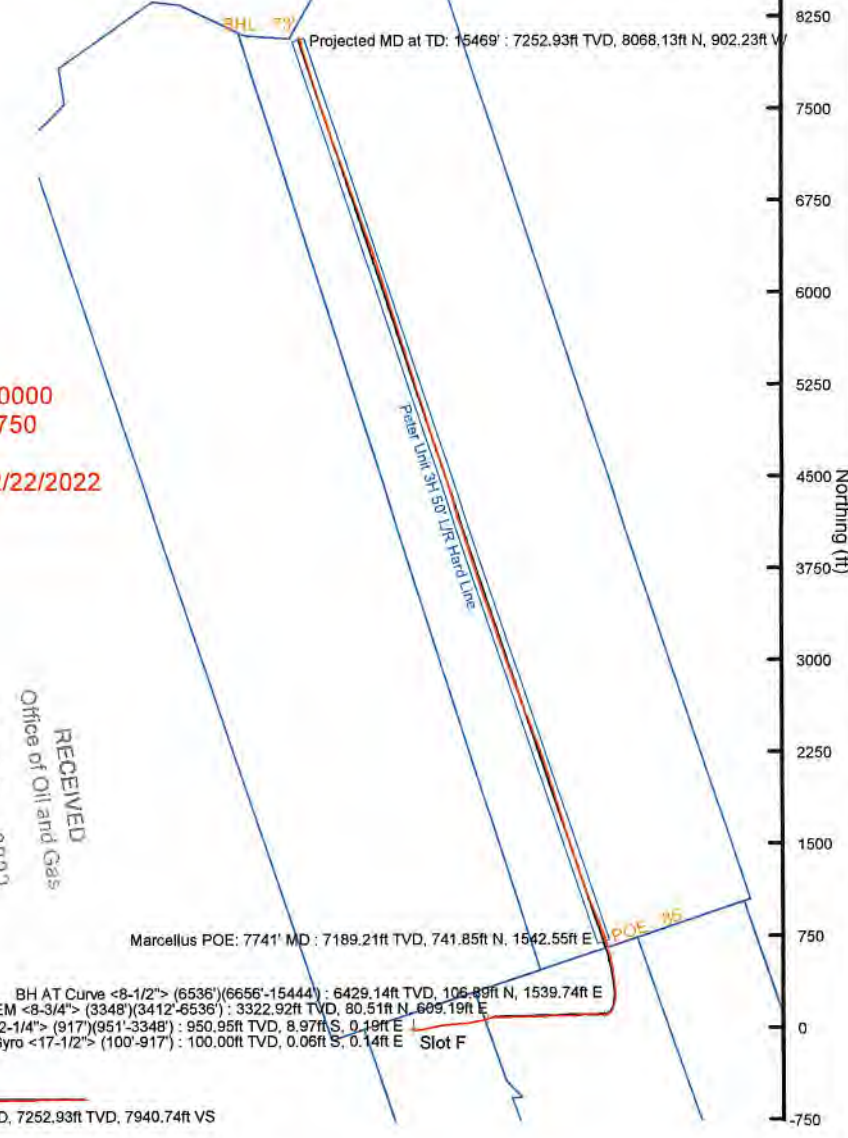
Well Data			
Slot	Well	Wellbore	Wellpath
Slot F	Peter Unit 3H	Peter Unit 3H AWP	Peter Unit 3H AWP Proj. 15469'
Slot F	Peter Unit 3H	Peter Unit 3H PWB	Peter Unit 3H PWP Rev-B.0

BH AT Curve <8-1/2"> (6536')(6656'-15444') : 18.08° Inc, 6656.00ft MD, 6429.14ft TVD, -384.33ft VS

Marcellus POE: 7741' MD : 77.05° Inc, 7741.00ft MD, 7189.21ft TVD, 217.31ft VS

Projected MD at TD: 15469' : 90.62° Inc, 15469.00ft MD, 7252.93ft TVD, 7940.74ft VS

BH AT Curve <8-1/2"> (6536')(6656'-15444') : 6429.14ft TVD, 106.89ft N, 1539.74ft E
 APS EM <8-3/4"> (3348')(3412'-6536') : 3322.92ft TVD, 80.51ft N, 609.19ft E
 APS EM <12-1/4"> (917')(951'-3348') : 950.95ft TVD, 8.97ft S, 0.19ft E
 Gyrodata MS Gyro <17-1/2"> (100°-917') : 100.00ft TVD, 0.06ft S, 0.14ft E Slot F



Projected MD at TD: 15469' : 7252.93ft TVD, 8068.13ft N, 902.23ft W

Peter Unit 3H 531 UPR Hand Line

Marcellus POE: 7741' MD : 7189.21ft TVD, 741.85ft N, 1542.55ft E



Actual Wellpath Report

Peter Unit 3H AWP Proj: 15469'

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANTERO RESOURCES CORPORATION	Well	Peter Unit 3H
Field	Doddridge	API	47-017-06935-0000
Facility	Lemley Pad	Wellbore	Peter Unit 3H AWB
Slot	Slot F		

REPORT SETUP INFORMATION

Projection System	NAD27 / UTM Zone 17 North, US feet	Software System	WellArchitect® 6.0
North Reference	Grid	User	Edsaryar
Scale	0.999609	Report Generated	1/6/2023 at 10:28:29 PM
Convergence at slot	0.20° East	Database	WA_MPL_EASTERNUS_Defn

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	-44.96	-1.27	1730798.27	14280848.73	39°19'34.1580"N	80°40'49.4230"W
Facility Reference Pt			1730799.54	14280893.67	39°19'34.6023"N	80°40'49.4048"W
Field Reference Pt			0.00	0.00	0°00'0.0000"	85°29'19.3013"W

WELLPATH DATUM

Calculation method	Minimum curvature	H&P 531 (RKB) to Facility Vertical Datum	1334.00ft
Horizontal Reference Pt	Slot	H&P 531 (RKB) to Mean Sea Level	1334.00ft
Vertical Reference Pt	H&P 531 (RKB)	H&P 531 (RKB) to Ground Level at Slot (Slot F)	30.00ft
MD Reference Pt	H&P 531 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	341.61°

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Field	Doddridge	API	47-017-06935-0000
Facility	Lemley Pad	Wellbore	Peter Unit 3H AWB
Slot	Slot F		

WELLPATH DATA (172 stations) † = interpolated, ‡ = extrapolated station

MD (ft)	Inclination (°)	Azimuth (°)	TVD (ft)	Vert Sect (ft)	North (ft)	East (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude	Closure Dist (ft)	Closure Dir (°)	DLS (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	Comments
0.00	†	0.000	113.860	0.00	0.00	0.00	1730798.27	14280848.73	39°19'34.1580"N	80°40'49.4230"W	0.00	0.000	0.00	0.00	0.00	
30.00	0.000	113.860	30.00	0.00	0.00	0.00	1730798.27	14280848.73	39°19'34.1580"N	80°40'49.4230"W	0.00	0.000	0.00	0.00	0.00	
100.00	0.250	113.860	100.00	-0.10	-0.06	0.14	1730798.41	14280848.67	39°19'34.1574"N	80°40'49.4212"W	0.15	113.860	0.36	0.36	0.00	Gyrodata MS Gyro <17-1/2"> (100'-917')
200.00	0.650	159.070	200.00	-0.82	-0.68	0.54	1730798.81	14280848.05	39°19'34.1512"N	80°40'49.4161"W	0.87	141.445	0.51	0.40	45.21	
300.00	0.690	155.360	299.99	-1.98	-1.76	1.00	1730799.27	14280846.97	39°19'34.1406"N	80°40'49.4104"W	2.02	150.464	0.06	0.04	-3.71	
400.00	0.580	163.580	399.98	-3.09	-2.79	1.39	1730799.66	14280845.94	39°19'34.1304"N	80°40'49.4054"W	3.12	153.522	0.14	-0.11	8.22	
500.00	0.650	169.850	499.98	-4.15	-3.83	1.63	1730799.90	14280844.90	39°19'34.1200"N	80°40'49.4024"W	4.17	156.932	0.10	0.07	6.27	
600.00	0.610	196.710	599.97	-5.15	-4.90	1.58	1730799.85	14280843.83	39°19'34.1095"N	80°40'49.4031"W	5.15	162.139	0.30	-0.04	26.86	
700.00	0.530	202.410	699.97	-5.94	-5.84	1.25	1730799.52	14280842.89	39°19'34.1002"N	80°40'49.4074"W	5.97	167.916	0.10	-0.08	5.70	
800.00	0.770	196.680	799.96	-6.84	-6.91	0.88	1730799.15	14280841.82	39°19'34.0897"N	80°40'49.4121"W	6.97	172.735	0.25	0.24	-5.73	
900.00	0.810	199.030	899.95	-7.95	-8.22	0.46	1730798.73	14280840.51	39°19'34.0767"N	80°40'49.4175"W	8.23	176.814	0.05	0.04	2.35	
917.00	0.880	199.410	916.95	-8.15	-8.46	0.38	1730798.64	14280840.27	39°19'34.0744"N	80°40'49.4186"W	8.47	177.461	0.41	0.41	2.24	
951.00	0.940	200.840	950.95	-8.57	-8.97	0.19	1730798.46	14280839.77	39°19'34.0694"N	80°40'49.4210"W	8.97	178.792	0.19	0.18	4.21	APS EM <12-1/4"> (917')(951'-3348')
1041.00	1.750	120.580	1040.93	-10.18	-10.36	1.11	1730799.38	14280838.38	39°19'34.0556"N	80°40'49.4093"W	10.41	173.884	2.05	0.90	-89.18	
1138.00	4.400	102.130	1137.78	-13.18	-11.89	6.02	1730804.29	14280836.84	39°19'34.0403"N	80°40'49.3469"W	13.33	153.134	2.88	2.73	-19.02	
1232.00	6.960	91.070	1231.31	-16.91	-12.75	15.24	1730813.51	14280835.98	39°19'34.0314"N	80°40'49.2296"W	19.88	129.918	2.95	2.72	-11.77	
1326.00	9.980	89.060	1324.28	-21.25	-12.73	29.09	1730827.35	14280836.01	39°19'34.0312"N	80°40'49.0534"W	31.75	113.633	3.23	3.21	-2.14	
1421.00	12.970	82.460	1417.37	-25.73	-11.19	47.89	1730846.14	14280837.54	39°19'34.0457"N	80°40'48.8141"W	49.18	103.155	3.43	3.15	-6.95	
1516.00	14.140	80.510	1509.72	-29.53	-7.88	69.91	1730868.15	14280840.85	39°19'34.0776"N	80°40'48.5338"W	70.35	96.432	1.32	1.23	-2.05	
1610.00	14.260	79.520	1600.85	-32.90	-3.88	92.61	1730890.85	14280844.85	39°19'34.1164"N	80°40'48.2446"W	92.70	92.400	0.29	0.13	-1.05	
1705.00	16.260	77.880	1692.50	-35.97	1.04	117.13	1730915.35	14280849.77	39°19'34.1642"N	80°40'47.9325"W	117.13	89.492	2.15	2.11	-1.73	
1799.00	18.090	76.430	1782.30	-38.63	7.23	144.18	1730942.39	14280855.95	39°19'34.2244"N	80°40'47.5880"W	144.36	87.131	2.00	1.95	-1.54	
1894.00	17.950	75.500	1872.64	-40.86	14.35	172.69	1730970.89	14280863.08	39°19'34.2938"N	80°40'47.2248"W	173.29	85.249	0.34	-0.15	-0.98	
1989.00	19.360	80.430	1962.66	-44.27	20.64	202.39	1731000.59	14280869.36	39°19'34.3549"N	80°40'46.8466"W	203.44	84.178	2.23	1.48	5.19	
2083.00	20.640	83.680	2050.99	-50.12	25.05	234.23	1731032.41	14280873.77	39°19'34.3974"N	80°40'46.4413"W	235.56	83.895	1.80	1.36	3.46	
2178.00	20.970	83.330	2139.79	-57.08	28.87	267.75	1731065.92	14280877.59	39°19'34.4339"N	80°40'46.0145"W	269.31	83.846	0.37	0.35	-0.37	
2272.00	21.480	83.430	2227.42	-64.02	32.79	301.56	1731099.71	14280881.51	39°19'34.4715"N	80°40'45.5842"W	303.34	83.794	0.54	0.54	0.11	
2367.00	20.930	85.110	2315.98	-71.54	36.23	335.74	1731133.88	14280884.94	39°19'34.5043"N	80°40'45.1490"W	337.69	83.841	0.86	-0.58	1.77	
2461.00	18.490	86.070	2404.47	-79.19	38.68	367.35	1731165.47	14280887.40	39°19'34.5274"N	80°40'44.7467"W	369.38	83.989	2.62	-2.60	1.02	
2556.00	15.650	86.560	2495.28	-86.25	40.48	395.17	1731193.29	14280889.20	39°19'34.5443"N	80°40'44.3926"W	397.24	84.151	2.99	-2.99	0.52	

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Peter Unit 3H AWP Proj: 15469'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ANTERO RESOURCES CORPORATION	Well	Peter Unit 3H
Field	Doddridge	API	47-017-06935-0000
Facility	Lemley Pad	Wellbore	Peter Unit 3H AWB
Slot	Slot F		

WELLPATH DATA (172 stations)																
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS ["/100ft]	Build Rate ["/100ft]	Turn Rate ["/100ft]	Comments
2651.00	15.670	86.610	2586.75	-92.88	42.01	420.77	1731218.87	14280890.72	39°19'34.5585"N	80°40'44.0668"W	422.86	84.298	0.03	0.02	0.05	
2745.00	14.570	82.710	2677.50	-98.44	44.26	445.17	1731243.27	14280892.97	39°19'34.5799"N	80°40'43.7562"W	447.37	84.322	1.59	-1.17	-4.15	
2840.00	14.420	80.990	2769.47	-102.67	47.63	468.71	1731266.79	14280896.34	39°19'34.6123"N	80°40'43.4565"W	471.12	84.197	0.48	-0.16	-1.81	
2934.00	14.540	79.900	2860.49	-106.28	51.53	491.88	1731289.96	14280900.24	39°19'34.6501"N	80°40'43.1614"W	494.58	84.019	0.32	0.13	-1.16	
3029.00	14.210	78.440	2952.51	-109.39	55.96	515.05	1731313.12	14280904.67	39°19'34.6930"N	80°40'42.8665"W	518.08	83.799	0.52	-0.35	-1.54	
3124.00	13.940	77.960	3044.66	-112.04	60.68	537.66	1731335.72	14280909.39	39°19'34.7389"N	80°40'42.5785"W	541.08	83.560	0.31	-0.28	-0.51	
3219.00	14.940	75.210	3136.66	-114.07	66.20	560.70	1731358.75	14280914.90	39°19'34.7926"N	80°40'42.2851"W	564.59	83.267	1.28	1.05	-2.89	
3313.00	15.320	73.430	3227.40	-115.23	72.83	584.31	1731382.35	14280921.53	39°19'34.8573"N	80°40'41.9843"W	588.83	82.895	0.64	0.40	-1.89	
3348.00	15.280	72.700	3261.16	-115.46	75.52	593.15	1731391.19	14280924.22	39°19'34.8836"N	80°40'41.8718"W	597.94	82.744	0.56	-0.11	-2.09	
3412.00	15.160	72.730	3322.92	-115.79	80.51	609.19	1731407.22	14280929.21	39°19'34.9324"N	80°40'41.6674"W	614.49	82.471	0.19	-0.19	0.05	APS EM <8-3/4"> (3348')(3412-6536')
3507.00	15.010	79.150	3414.65	-117.64	86.52	633.14	1731431.16	14280935.21	39°19'34.9909"N	80°40'41.3624"W	639.02	82.219	1.76	-0.16	6.76	
3602.00	15.930	88.140	3506.22	-122.97	89.26	658.25	1731456.26	14280937.95	39°19'35.0171"N	80°40'41.0427"W	664.28	82.278	2.70	0.97	9.46	
3696.00	15.710	89.100	3596.66	-130.46	89.88	683.87	1731481.87	14280938.57	39°19'35.0223"N	80°40'40.7167"W	689.75	82.513	0.36	-0.23	1.02	
3791.00	17.110	90.510	3687.79	-138.86	89.95	710.71	1731508.70	14280938.65	39°19'35.0221"N	80°40'40.3752"W	716.38	82.786	1.53	1.47	1.48	
3885.00	17.230	89.820	3777.60	-147.69	89.87	738.46	1731536.44	14280938.57	39°19'35.0204"N	80°40'40.0221"W	743.90	83.061	0.25	0.13	-0.73	
3980.00	16.930	85.080	3868.41	-155.31	91.10	766.31	1731564.28	14280939.80	39°19'35.0315"N	80°40'39.6676"W	771.70	83.220	1.50	-0.32	-4.99	
4075.00	15.870	82.510	3959.55	-160.98	93.98	792.97	1731590.93	14280942.68	39°19'35.0591"N	80°40'39.3282"W	798.52	83.241	1.35	-1.12	-2.71	
4169.00	16.350	86.550	4049.86	-166.83	96.46	818.92	1731616.87	14280945.15	39°19'35.0826"N	80°40'38.9979"W	824.58	83.282	1.30	0.51	4.30	
4264.00	16.830	93.380	4140.91	-175.37	96.45	846.00	1731643.94	14280945.14	39°19'35.0816"N	80°40'38.6533"W	851.48	83.496	2.11	0.51	7.19	
4359.00	16.130	92.230	4232.01	-185.12	95.13	872.91	1731670.84	14280943.82	39°19'35.0675"N	80°40'38.3108"W	878.08	83.781	0.81	-0.74	-1.21	
4454.00	16.310	91.450	4323.23	-194.30	94.27	899.44	1731697.35	14280942.97	39°19'35.0582"N	80°40'37.9734"W	904.36	84.016	0.30	0.19	-0.82	
4548.00	17.270	90.650	4413.22	-203.33	93.78	926.58	1731724.49	14280942.48	39°19'35.0523"N	80°40'37.6279"W	931.32	84.221	1.05	1.02	-0.85	
4643.00	16.920	88.180	4504.03	-211.87	94.06	954.50	1731752.40	14280942.75	39°19'35.0541"N	80°40'37.2727"W	959.12	84.372	0.85	-0.37	-2.60	
4737.00	16.660	88.180	4594.02	-219.62	94.92	981.64	1731779.53	14280943.62	39°19'35.0617"N	80°40'36.9273"W	986.22	84.477	0.28	-0.28	0.00	
4832.00	17.860	89.430	4684.74	-227.96	95.50	1009.82	1731807.69	14280944.19	39°19'35.0664"N	80°40'36.5687"W	1014.33	84.597	1.32	1.26	1.32	
4926.00	17.780	86.860	4774.23	-236.14	96.43	1038.56	1731836.43	14280945.12	39°19'35.0746"N	80°40'36.2028"W	1043.03	84.695	0.84	-0.09	-2.73	
5020.00	16.320	82.970	4864.10	-242.52	98.83	1066.01	1731863.86	14280947.52	39°19'35.0973"N	80°40'35.8536"W	1070.58	84.703	1.97	-1.55	-4.14	
5115.00	15.910	83.630	4955.37	-247.86	101.91	1092.19	1731890.03	14280950.60	39°19'35.1268"N	80°40'35.5202"W	1096.94	84.669	0.47	-0.43	0.69	
5210.00	16.070	88.630	5046.69	-254.42	103.67	1118.28	1731916.11	14280952.36	39°19'35.1433"N	80°40'35.1881"W	1123.08	84.703	1.46	0.17	5.26	
5304.00	15.950	91.530	5137.05	-262.63	103.64	1144.20	1731942.02	14280952.33	39°19'35.1421"N	80°40'34.8583"W	1148.88	84.824	0.86	-0.13	3.09	

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Field	Doddridge		API	47-017-06935-0000
Facility	Lemley Pad		Wellbore	Peter Unit 3H AWB
Slot	Slot F			

WELLPATH DATA (172 stations) † = interpolated, ‡ = extrapolated station																
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
5399.00	17.700	94.510	5227.98	-272.70	102.15	1171.65	1731969.46	14280950.84	39°19'35.1264"N	80°40'34.5091"W	1176.09	85.017	2.05	1.84	3.14	
5495.00	18.550	92.180	5319.22	-283.74	100.42	1201.45	1731999.25	14280949.11	39°19'35.1083"N	80°40'34.1299"W	1205.64	85.222	1.16	0.89	-2.43	
5590.00	17.460	86.300	5409.57	-292.67	100.77	1230.78	1732028.57	14280949.46	39°19'35.1107"N	80°40'33.7567"W	1234.90	85.319	2.23	-1.15	-6.19	
5684.00	17.540	86.950	5499.22	-299.99	102.43	1259.00	1732056.77	14280951.12	39°19'35.1261"N	80°40'33.3976"W	1263.16	85.349	0.22	0.09	0.69	
5779.00	19.340	90.190	5589.34	-308.79	103.14	1289.03	1732086.79	14280951.83	39°19'35.1320"N	80°40'33.0154"W	1293.15	85.425	2.18	1.89	3.41	
5874.00	17.910	86.580	5679.37	-317.58	103.96	1319.34	1732117.09	14280952.65	39°19'35.1391"N	80°40'32.6296"W	1323.43	85.494	1.93	-1.51	-3.80	
5968.00	16.140	82.320	5769.25	-323.74	106.57	1346.72	1732144.46	14280955.26	39°19'35.1639"N	80°40'32.2811"W	1350.93	85.475	2.30	-1.88	-4.53	
6063.00	15.110	80.720	5860.74	-328.15	110.33	1372.03	1732169.76	14280959.02	39°19'35.2002"N	80°40'31.9589"W	1376.46	85.402	1.18	-1.08	-1.68	
6157.00	16.020	84.810	5951.29	-333.06	113.48	1397.04	1732194.76	14280962.17	39°19'35.2304"N	80°40'31.6405"W	1401.64	85.356	1.52	0.97	4.35	
6252.00	15.290	86.740	6042.77	-339.32	115.38	1422.60	1732220.31	14280964.06	39°19'35.2482"N	80°40'31.3151"W	1427.27	85.363	0.94	-0.77	2.03	
6347.00	16.130	89.230	6134.22	-346.58	116.27	1448.30	1732246.00	14280964.95	39°19'35.2561"N	80°40'30.9880"W	1452.96	85.410	1.13	0.88	2.62	
6441.00	16.440	93.310	6224.45	-355.45	115.68	1474.64	1732272.33	14280964.36	39°19'35.2493"N	80°40'30.6529"W	1479.17	85.515	1.26	0.33	4.34	
6536.00	18.300	101.280	6315.13	-367.81	111.98	1502.69	1732300.37	14280960.67	39°19'35.2118"N	80°40'30.2961"W	1506.86	85.738	3.17	1.96	8.39	
6656.00	18.080	94.340	6429.14	-384.33	106.89	1539.74	1732337.40	14280955.58	39°19'35.1602"N	80°40'29.8249"W	1543.44	86.029	1.81	-0.18	-5.78	BH AT Curve <8-1/2"> (6536')(6656'-15444')
6751.00	18.400	70.160	6519.50	-389.66	110.87	1568.58	1732366.23	14280959.55	39°19'35.1985"N	80°40'29.4577"W	1572.49	85.957	7.92	0.34	-25.45	
6845.00	18.340	33.760	6609.00	-380.18	128.25	1590.83	1732388.47	14280976.93	39°19'35.3695"N	80°40'29.1738"W	1595.99	85.391	12.02	-0.06	-38.72	
6940.00	22.480	20.930	6698.06	-356.93	157.67	1605.63	1732403.27	14281006.34	39°19'35.6597"N	80°40'28.9841"W	1613.36	84.392	6.39	4.36	-13.51	
7023.00†	28.574	17.712	6772.93	-328.59	191.43	1617.35	1732414.99	14281040.09	39°19'35.9930"N	80°40'28.8334"W	1628.64	83.250	7.53	7.34	-3.88	Sycamore: 7023' MD
7035.00	29.460	17.350	6783.42	-323.88	196.98	1619.11	1732416.74	14281045.64	39°19'36.0478"N	80°40'28.8108"W	1631.04	83.063	7.53	7.38	-3.02	
7129.00	35.920	5.470	6862.57	-279.81	246.60	1628.65	1732426.28	14281095.23	39°19'36.5378"N	80°40'28.6871"W	1647.21	81.390	9.66	6.87	-12.64	
7206.00†	42.233	356.313	6922.37	-234.04	294.99	1629.14	1732426.77	14281143.61	39°19'37.0162"N	80°40'28.6787"W	1655.63	79.736	11.09	8.20	-11.89	Middlesex: 7206' MD
7224.00	43.800	354.500	6935.53	-222.11	307.23	1628.15	1732425.78	14281155.84	39°19'37.1372"N	80°40'28.6907"W	1656.89	79.314	11.09	8.71	-10.07	
7318.00	52.630	353.080	6998.10	-153.66	376.83	1620.52	1732418.15	14281225.42	39°19'37.8253"N	80°40'28.7846"W	1663.76	76.909	9.46	9.39	-1.51	
7413.00	56.770	350.940	7052.99	-77.41	453.59	1609.71	1732407.35	14281302.14	39°19'38.5843"N	80°40'28.9187"W	1672.39	74.263	4.73	4.36	-2.25	
7450.00†	58.288	350.391	7072.86	-46.59	484.39	1604.64	1732402.28	14281332.93	39°19'38.8889"N	80°40'28.9817"W	1676.16	73.203	4.29	4.10	-1.48	Burkett: 7450' MD
7507.00	60.630	349.580	7101.82	1.98	532.73	1596.10	1732393.75	14281381.25	39°19'39.3670"N	80°40'29.0882"W	1682.66	71.543	4.29	4.11	-1.42	Tully: 7507' MD
7602.00	64.900	346.440	7145.30	85.89	615.31	1578.52	1732376.17	14281463.80	39°19'40.1838"N	80°40'29.3081"W	1694.20	68.704	5.37	4.49	-3.31	
7643.00†	68.976	345.041	7161.35	123.50	651.86	1569.22	1732366.88	14281500.33	39°19'40.5454"N	80°40'29.4248"W	1699.23	67.442	10.42	9.94	-3.41	Hamilton: 7643' MD
7696.00	74.260	343.340	7178.06	173.73	700.23	1555.51	1732353.17	14281548.68	39°19'41.0239"N	80°40'29.5970"W	1705.86	65.765	10.42	9.97	-3.21	
7741.00†	77.051	342.055	7189.21	217.31	741.85	1542.55	1732340.21	14281590.29	39°19'41.4357"N	80°40'29.7601"W	1711.66	64.316	6.79	6.20	-2.86	Marcellus POE: 7741' MD

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Actual Wellpath Report

Peter Unit 3H AWP Proj: 15469'

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REFERENCE WELLPATH IDENTIFICATION				
Operator	ANTERO RESOURCES CORPORATION		Well	Peter Unit 3H
Field	Doddridge		API	47-017-06935-0000
Facility	Lemley Pad		Wellbore	Peter Unit 3H AWB
Slot	Slot F			

WELLPATH DATA (172 stations)																
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS ["/100ft]	Build Rate ["/100ft]	Turn Rate ["/100ft]	Comments
7791.00	80.160	340.660	7199.09	266.32	788.28	1526.88	1732324.55	14281636.70	39°19'41.8952"N	80°40'29.9574"W	1718.35	62.694	6.79	6.22	-2.79	
7886.00	85.870	337.410	7210.64	360.47	876.28	1493.14	1732290.83	14281724.67	39°19'42.7662"N	80°40'30.3826"W	1731.28	59.593	6.90	6.01	-3.42	
7980.00	89.780	337.600	7214.21	454.14	963.05	1457.21	1732254.91	14281811.40	39°19'43.6250"N	80°40'30.8359"W	1746.69	56.540	4.16	4.16	0.20	
8075.00	89.570	337.690	7214.74	548.91	1050.91	1421.08	1732218.79	14281899.22	39°19'44.4947"N	80°40'31.2917"W	1767.45	53.517	0.24	-0.22	0.09	
8169.00	88.980	340.960	7215.93	642.82	1138.83	1387.90	1732185.62	14281987.12	39°19'45.3649"N	80°40'31.7099"W	1795.33	50.630	3.53	-0.63	3.48	
8264.00	87.410	342.040	7218.93	737.76	1228.88	1357.77	1732155.51	14282077.12	39°19'46.2559"N	80°40'32.0892"W	1831.30	47.853	2.01	-1.65	1.14	
8358.00	87.910	342.060	7222.76	831.68	1318.23	1328.82	1732126.57	14282166.44	39°19'47.1400"N	80°40'32.4535"W	1871.76	45.229	0.53	0.53	0.02	
8453.00	88.210	342.090	7225.98	926.63	1408.56	1299.60	1732097.36	14282256.74	39°19'48.0339"N	80°40'32.8212"W	1916.51	42.696	0.32	0.32	0.03	
8548.00	89.480	342.600	7227.90	1021.60	1499.07	1270.80	1732068.57	14282347.21	39°19'48.9294"N	80°40'33.1837"W	1965.23	40.289	1.44	1.34	0.54	
8643.00	89.940	342.210	7228.38	1116.59	1589.62	1242.08	1732039.86	14282437.73	39°19'49.8255"N	80°40'33.5450"W	2017.34	38.003	0.63	0.48	-0.41	
8737.00	89.880	343.930	7228.52	1210.55	1679.54	1214.71	1732012.50	14282527.61	39°19'50.7152"N	80°40'33.8892"W	2072.77	35.876	1.83	-0.06	1.83	
8832.00	90.400	342.460	7228.29	1305.51	1770.48	1187.24	1731985.05	14282618.52	39°19'51.6150"N	80°40'34.2346"W	2131.70	33.845	1.64	0.55	-1.55	
8927.00	90.490	343.470	7227.55	1400.48	1861.31	1159.41	1731957.23	14282709.31	39°19'52.5137"N	80°40'34.5846"W	2192.88	31.919	1.07	0.09	1.06	
9022.00	90.120	343.690	7227.05	1495.42	1952.44	1132.56	1731930.39	14282800.40	39°19'53.4152"N	80°40'34.9222"W	2257.14	30.117	0.45	-0.39	0.23	
9116.00	90.400	343.400	7226.62	1589.37	2042.58	1105.93	1731903.77	14282890.51	39°19'54.3072"N	80°40'35.2569"W	2322.77	28.433	0.43	0.30	-0.31	
9211.00	90.550	341.590	7225.83	1684.35	2133.18	1077.36	1731875.21	14282981.07	39°19'55.2036"N	80°40'35.6164"W	2389.80	26.796	1.91	0.16	-1.91	
9306.00	90.250	341.250	7225.17	1779.35	2223.22	1047.09	1731844.95	14283071.08	39°19'56.0946"N	80°40'35.9975"W	2457.46	25.219	0.48	-0.32	-0.36	
9400.00	88.740	339.390	7226.00	1873.31	2311.72	1015.44	1731813.31	14283159.55	39°19'56.9704"N	80°40'36.3963"W	2524.91	23.714	2.55	-1.61	-1.98	
9495.00	89.290	337.660	7227.63	1968.16	2400.11	980.67	1731778.55	14283247.90	39°19'57.8453"N	80°40'36.8348"W	2592.73	22.225	1.91	0.58	-1.82	
9590.00	89.320	341.250	7228.79	2063.07	2489.05	947.34	1731745.23	14283336.80	39°19'58.7254"N	80°40'37.2550"W	2663.23	20.837	3.78	0.03	3.78	
9684.00	89.080	336.510	7230.10	2156.92	2576.70	913.48	1731711.39	14283424.42	39°19'59.5930"N	80°40'37.6819"W	2733.83	19.520	5.05	-0.26	-5.04	
9778.00	89.320	340.980	7231.41	2250.77	2664.28	879.41	1731677.34	14283511.96	39°20'0.4597"N	80°40'38.1114"W	2805.66	18.267	4.76	0.26	4.76	
9873.00	89.510	340.310	7232.38	2345.75	2753.90	847.93	1731645.87	14283601.55	39°20'1.3467"N	80°40'38.5080"W	2881.49	17.114	0.73	0.20	-0.71	
9967.00	90.000	340.670	7232.78	2439.74	2842.50	816.54	1731614.49	14283690.12	39°20'2.2235"N	80°40'38.9035"W	2957.46	16.027	0.65	0.52	0.38	
10062.00	89.780	341.420	7232.97	2534.73	2932.35	785.68	1731583.64	14283779.93	39°20'3.1126"N	80°40'39.2921"W	3035.78	14.999	0.82	-0.23	0.79	
10157.00	89.850	341.030	7233.27	2629.73	3022.30	755.10	1731553.08	14283869.84	39°20'4.0026"N	80°40'39.6772"W	3115.20	14.028	0.42	0.07	-0.41	
10251.00	89.660	341.290	7233.67	2723.72	3111.26	724.75	1731522.73	14283958.77	39°20'4.8830"N	80°40'40.0594"W	3194.56	13.113	0.34	-0.20	0.28	
10346.00	89.380	341.920	7234.47	2818.72	3201.40	694.77	1731492.77	14284048.87	39°20'5.7749"N	80°40'40.4369"W	3275.92	12.245	0.73	-0.29	0.66	
10440.00	89.780	341.090	7235.16	2912.72	3290.54	664.95	1731462.96	14284137.98	39°20'6.6570"N	80°40'40.8123"W	3357.06	11.424	0.98	0.43	-0.88	
10535.00	89.110	341.320	7236.08	3007.71	3380.47	634.35	1731432.37	14284227.87	39°20'7.5469"N	80°40'41.1977"W	3439.47	10.628	0.75	-0.71	0.24	

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Peter Unit 3H AWP Proj: 15469'

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Field	Doddridge		API	47-017-06935-0000
Facility	Lemley Pad		Wellbore	Peter Unit 3H AWB
Slot	Slot F			

WELLPATH DATA (172 stations)																
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
10629.00	89.260	340.520	7237.42	3101.69	3469.30	603.62	1731401.66	14284316.67	39°20'8.4259"N	80°40'41.5847"W	3521.42	9.870	0.87	0.16	-0.85	
10724.00	89.600	342.450	7238.36	3196.68	3559.37	573.46	1731371.50	14284406.70	39°20'9.3172"N	80°40'41.9645"W	3605.27	9.152	2.06	0.36	2.03	
10818.00	89.350	342.160	7239.22	3290.67	3648.92	544.89	1731342.95	14284496.22	39°20'10.2033"N	80°40'42.3241"W	3689.38	8.493	0.41	-0.27	-0.31	
10913.00	89.170	342.110	7240.45	3385.66	3739.33	515.75	1731313.82	14284586.59	39°20'11.0979"N	80°40'42.6909"W	3774.73	7.853	0.20	-0.19	-0.05	
11008.00	89.570	341.870	7241.49	3480.65	3829.67	486.38	1731284.46	14284676.90	39°20'11.9918"N	80°40'43.0606"W	3860.43	7.238	0.49	0.42	-0.25	
11102.00	89.170	342.590	7242.53	3574.64	3919.18	457.69	1731255.78	14284766.37	39°20'12.8775"N	80°40'43.4216"W	3945.82	6.661	0.88	-0.43	0.77	
11197.00	89.320	342.760	7243.78	3669.61	4009.86	429.40	1731227.50	14284857.02	39°20'13.7748"N	80°40'43.7775"W	4032.79	6.112	0.24	0.16	0.18	
11291.00	89.290	339.140	7244.92	3763.58	4098.69	398.73	1731196.84	14284945.81	39°20'14.6538"N	80°40'44.1639"W	4118.04	5.556	3.85	-0.03	-3.85	
11386.00	90.000	343.390	7245.51	3858.56	4188.64	368.22	1731166.35	14285035.72	39°20'15.5439"N	80°40'44.5481"W	4204.79	5.024	4.54	0.75	4.47	
11480.00	89.510	342.850	7245.91	3952.52	4278.59	340.93	1731139.07	14285125.64	39°20'16.4338"N	80°40'44.8914"W	4292.15	4.556	0.78	-0.52	-0.57	
11575.00	89.050	343.050	7247.11	4047.49	4369.40	313.08	1731111.23	14285216.42	39°20'17.3324"N	80°40'45.2418"W	4380.60	4.098	0.53	-0.48	0.21	
11670.00	88.920	342.460	7248.79	4142.46	4460.12	284.92	1731083.08	14285307.10	39°20'18.2300"N	80°40'45.5961"W	4469.21	3.655	0.64	-0.14	-0.62	
11764.00	90.000	341.680	7249.67	4236.45	4549.55	255.98	1731054.15	14285396.49	39°20'19.1149"N	80°40'45.9603"W	4556.74	3.220	1.42	1.15	-0.83	
11859.00	89.140	341.250	7250.39	4331.44	4639.61	225.78	1731023.97	14285486.52	39°20'20.0061"N	80°40'46.3406"W	4645.11	2.786	1.01	-0.91	-0.45	
11953.00	90.250	341.430	7250.89	4425.44	4728.67	195.71	1730993.90	14285575.54	39°20'20.8874"N	80°40'46.7193"W	4732.72	2.370	1.20	1.18	0.19	
12048.00	89.690	342.960	7250.94	4520.43	4819.12	166.66	1730964.87	14285665.96	39°20'21.7823"N	80°40'47.0850"W	4822.00	1.981	1.72	-0.59	1.61	
12143.00	89.660	342.590	7251.48	4615.41	4909.86	138.53	1730936.75	14285756.66	39°20'22.6801"N	80°40'47.4389"W	4911.81	1.616	0.39	-0.03	-0.39	
12237.00	90.180	343.050	7251.61	4709.39	4999.66	110.77	1730908.99	14285846.43	39°20'23.5687"N	80°40'47.7882"W	5000.89	1.269	0.74	0.55	0.49	
12331.00	89.690	340.540	7251.71	4803.38	5088.95	81.40	1730879.64	14285935.68	39°20'24.4522"N	80°40'48.1580"W	5089.60	0.916	2.72	-0.52	-2.67	
12426.00	91.140	342.250	7251.03	4898.37	5178.97	51.09	1730849.34	14286025.67	39°20'25.3430"N	80°40'48.5396"W	5179.23	0.565	2.36	1.53	1.80	
12521.00	89.110	343.110	7250.82	4993.35	5269.66	22.81	1730821.08	14286116.32	39°20'26.2403"N	80°40'48.8955"W	5269.71	0.248	2.32	-2.14	0.91	
12615.00	89.660	342.990	7251.83	5087.31	5359.57	-4.59	1730793.68	14286206.20	39°20'27.1299"N	80°40'49.2402"W	5359.57	359.951	0.60	0.59	-0.13	
12710.00	89.880	342.390	7252.21	5182.29	5450.27	-32.85	1730765.43	14286296.86	39°20'28.0273"N	80°40'49.5959"W	5450.37	359.655	0.67	0.23	-0.63	
12804.00	89.690	342.360	7252.56	5276.29	5539.86	-61.32	1730736.98	14286386.41	39°20'28.9138"N	80°40'49.9541"W	5540.19	359.366	0.20	-0.20	-0.03	
12898.00	89.780	342.350	7253.00	5370.28	5629.43	-89.81	1730708.50	14286475.95	39°20'29.8001"N	80°40'50.3127"W	5630.15	359.086	0.10	0.10	-0.01	
12993.00	90.030	342.210	7253.15	5465.27	5719.92	-118.72	1730679.59	14286566.41	39°20'30.6955"N	80°40'50.6767"W	5721.16	358.811	0.30	0.26	-0.15	
13088.00	89.660	342.440	7253.41	5560.26	5810.44	-147.57	1730650.76	14286656.89	39°20'31.5911"N	80°40'51.0397"W	5812.31	358.545	0.46	-0.39	0.24	
13183.00	90.060	342.750	7253.64	5655.25	5901.09	-175.98	1730622.36	14286747.50	39°20'32.4880"N	80°40'51.3973"W	5903.71	358.292	0.53	0.42	0.33	
13371.00	89.850	342.520	7253.79	5843.22	6080.52	-232.09	1730566.27	14286826.86	39°20'33.4263"N	80°40'52.1035"W	6084.95	357.814	0.17	-0.11	-0.12	
13466.00	90.580	341.930	7253.43	5938.21	6170.98	-261.09	1730537.28	14287017.29	39°20'35.1585"N	80°40'52.4685"W	6176.50	357.577	0.99	0.77	-0.62	

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Peter Unit 3H AWP Proj: 15469'

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REFERENCE WELLPATH IDENTIFICATION				
Operator	ANTERO RESOURCES CORPORATION		Well	Peter Unit 3H
Field	Doddridge		API	47-017-06935-0000
Facility	Lemley Pad		Wellbore	Peter Unit 3H AWP
Slot	Slot F			

WELLPATH DATA (172 stations) † = interpolated, ‡ = extrapolated station																
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS ["/100ft]	Build Rate ["/100ft]	Turn Rate ["/100ft]	Comments
13561.00	90.830	342.280	7252.27	6033.20	6261.38	-290.28	1730508.10	14287107.65	39°20'36.0530"N	80°40'52.8360"W	6268.11	357.346	0.45	0.26	0.37	
13655.00	89.970	340.020	7251.61	6127.19	6350.33	-320.65	1730477.74	14287196.57	39°20'36.9332"N	80°40'53.2185"W	6358.42	357.109	2.57	-0.91	-2.40	
13750.00	89.570	339.770	7251.99	6222.14	6439.54	-353.31	1730445.10	14287285.74	39°20'37.8160"N	80°40'53.6302"W	6449.23	356.860	0.50	-0.42	-0.26	
13844.00	89.660	340.350	7252.62	6316.11	6527.90	-385.36	1730413.06	14287374.07	39°20'38.6905"N	80°40'54.0342"W	6539.27	356.622	0.62	0.10	0.62	
13938.00	90.120	340.410	7252.80	6410.08	6616.45	-416.93	1730381.51	14287462.58	39°20'39.5667"N	80°40'54.4320"W	6629.57	356.394	0.49	0.49	0.06	
14033.00	90.090	340.820	7252.63	6505.07	6706.06	-448.46	1730349.99	14287552.16	39°20'40.4535"N	80°40'54.8293"W	6721.04	356.174	0.43	-0.03	0.43	
14127.00	89.690	340.020	7252.81	6599.05	6794.62	-479.96	1730318.50	14287640.68	39°20'41.3299"N	80°40'55.2263"W	6811.55	355.959	0.95	-0.43	-0.85	
14222.00	90.550	341.180	7252.61	6694.03	6884.23	-511.51	1730286.96	14287730.25	39°20'42.2166"N	80°40'55.6239"W	6903.20	355.751	1.52	0.91	1.22	
14316.00	89.110	341.010	7252.89	6788.02	6973.15	-541.97	1730256.51	14287819.14	39°20'43.0966"N	80°40'56.0076"W	6994.18	355.556	1.54	-1.53	-0.18	
14411.00	89.380	339.400	7254.14	6882.98	7062.53	-574.14	1730224.36	14287908.49	39°20'43.9811"N	80°40'56.4131"W	7085.83	355.352	1.72	0.28	-1.69	
14505.00	89.720	339.970	7254.88	6976.93	7150.68	-606.77	1730191.74	14287996.60	39°20'44.8534"N	80°40'56.8245"W	7176.38	355.150	0.71	0.36	0.61	
14600.00	90.280	339.730	7254.88	7071.88	7239.86	-639.50	1730159.03	14288085.75	39°20'45.7360"N	80°40'57.2371"W	7268.05	354.952	0.64	0.59	-0.25	
14694.00	90.280	342.710	7254.42	7165.87	7328.85	-669.75	1730128.78	14288174.70	39°20'46.6166"N	80°40'57.6182"W	7359.39	354.778	3.17	0.00	3.17	
14789.00	89.940	342.400	7254.24	7260.85	7419.48	-698.23	1730100.31	14288265.29	39°20'47.5133"N	80°40'57.9767"W	7452.26	354.624	0.48	-0.36	-0.33	
14883.00	89.970	342.040	7254.31	7354.85	7508.99	-726.94	1730071.62	14288354.77	39°20'48.3990"N	80°40'58.3381"W	7544.09	354.470	0.38	0.03	-0.38	
14978.00	90.220	342.210	7254.15	7449.84	7599.40	-756.10	1730042.47	14288445.15	39°20'49.2936"N	80°40'58.7052"W	7636.92	354.318	0.32	0.26	0.18	
15073.00	90.250	342.280	7253.76	7544.84	7689.88	-785.07	1730013.51	14288535.59	39°20'50.1888"N	80°40'59.0699"W	7729.85	354.171	0.08	0.03	0.07	
15168.00	90.030	342.490	7253.53	7639.83	7780.42	-813.82	1729984.77	14288626.10	39°20'51.0847"N	80°40'59.4318"W	7822.87	354.029	0.32	-0.23	0.22	
15262.00	90.430	342.730	7253.15	7733.81	7870.12	-841.91	1729956.69	14288715.76	39°20'51.9723"N	80°40'59.7854"W	7915.03	353.894	0.50	0.43	0.26	
15357.00	89.450	342.880	7253.25	7828.79	7960.88	-869.99	1729928.62	14288806.48	39°20'52.8702"N	80°41'0.1388"W	8008.27	353.763	1.04	-1.03	0.16	
15444.00	90.620	343.520	7253.20	7915.76	8044.16	-895.14	1729903.48	14288889.73	39°20'53.6942"N	80°41'0.4552"W	8093.81	353.650	1.53	1.34	0.74	
15469.00‡	90.620	343.520	7252.93	7940.74	8068.13	-902.23	1729896.39	14288913.70	39°20'53.9314"N	80°41'0.5444"W	8118.42	353.619	0.00	0.00	0.00	Projected MD at TD: 15469'

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Peter Unit 3H AWP Proj: 15469'

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Operator	ANTERO RESOURCES CORPORATION	Well	Peter Unit 3H
Field	Doddridge	API	47-017-06935-0000
Facility	Lemley Pad	Wellbore	Peter Unit 3H AWB
Slot	Slot F		

HOLE & CASING SECTIONS - Ref Wellbore: Peter Unit 3H AWB Ref Wellpath: Peter Unit 3H AWP Proj: 15469'

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
20in Conductor	30.00	130.00	100.00	30.00	130.00	0.00	0.00	-0.15	0.26
17.5in Open Hole	130.00	891.00	761.00	130.00	890.95	-0.15	0.26	-8.10	0.50
13.375in Casing Surface	30.00	871.00	841.00	30.00	870.95	0.00	0.00	-7.84	0.59
12.25in Open Hole	891.00	3423.00	2532.00	890.95	3333.54	-8.10	0.50	81.35	611.94
9.625in Casing Intermediate	30.00	3403.00	3373.00	30.00	3314.23	0.00	0.00	79.81	606.94
8.75in Open Hole	3423.00	6609.00	3186.00	3333.54	6384.47	81.35	611.94	108.34	1525.20
8.5in Open Hole	6609.00	15469.00	8860.00	6384.47	7252.93	108.34	1525.20	8068.13	-902.23
5.5in Casing Production	30.00	15449.00	15419.00	30.00	7253.15	0.00	0.00	8048.96	-896.56

TARGETS

Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Peter Unit 3H POE Rev-2	7195.00	705.63	1533.46	1732331.13	14281554.08	39°19'41.0781"N	80°40'29.8774"W	point
Peter Unit 3H LP Rev-2	7221.00	884.73	1473.92	1732271.61	14281733.11	39°19'42.8504"N	80°40'30.6268"W	point
Peter Unit 3H BHL Rev-2	7247.39	8060.16	-911.38	1729887.25	14288905.73	39°20'53.8530"N	80°41'0.6612"W	point
Peter Unit 3H 50' L/R Hard Line	7500.00	4382.90	311.04	1731109.19	14285229.91	39°20'17.4658"N	80°40'45.2671"W	rectangle

2D Rectangle 7750.26 x 100.

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Field	Doddridge	API	47-017-06935-0000
Facility	Lemley Pad	Wellbore	Peter Unit 3H AWB
Slot	Slot F		

WELLPATH COMPOSITION - Ref Wellbore: Peter Unit 3H AWB Ref Wellpath: Peter Unit 3H AWP Proj: 15469'					
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date
30.00	917.00	Gyrodatta 2015 - GC+WIR+DPIPE	01_Gyrodatta MS Gyro <17-1/2"> (100'-917')	Peter Unit 3H AWB	10/19/2022
917.00	3348.00	BH NaviTrak (2019) (Axial Corr+HRGM)	02_APS EM <12-1/4"> (917')(951'-3348')	Peter Unit 3H AWB	10/19/2022
3348.00	6536.00	BH NaviTrak (2019) (Axial Corr+HRGM)	03_APS EM <8-3/4"> (3348')(3412'-6536')	Peter Unit 3H AWB	12/17/2022
6536.00	15469.00	BH AutoTrak Curve/eXpress (2019) (HRGM, Short spacing)	04_BH AT Curve <8-1/2"> (6536')(6656'-15444')	Peter Unit 3H AWB	12/17/2022

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Field	Doddridge	API	47-017-06935-0000
Facility	Lemley Pad	Wellbore	Peter Unit 3H AWB
Slot	Slot F		

COMMENTS

Wellpath general comments

API: 47-017-06935-0000
BH Job #: 111534750
Rig: H&P 531
Duration: 12/19/2022-12/22/2022
Gyrodata MS Gyro <17-1/2"> (100'-917')
APS EM <12-1/4"> (917')(951'-3348')
APS EM <8-3/4"> (3348')(3412'-6536')
BH AT Curve <8-1/2"> (6536')(6656'-15444')
Sycamore: 7023' MD
Middlesex: 7206' MD
Burkett: 7450' MD
Tully: 7507' MD
Hamilton: 7643' MD
Marcellus POE: 7741' MD
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