

Antero Resources
Gentry E5
Garfield County, CO



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Minimum of Curvature
Slot Location: 1622363.82', 2381086.91'
Plane of Vertical Section: 280.65°

Measured Depth Feet	BORE Inc Degrees	HOLE Direction Degrees	True Vertical Depth Feet	RECTANGULAR COORDINATES		LAMBERT COORDINATES		Vertical Section Feet	CLOSURES		Dogleg Severity Deg/100'
				North(-South) Feet	East(-West) Feet	Y Feet	X Feet		Distance Feet	Direction Deg	
200.00	0.00	0.00	200.00	0.00	0.00	1622363.8	2381086.9	0.00	0.00	0.00	0.00
KOP											
300.00	2.00	280.65	299.98	0.32	-1.72	1622364.1	2381085.2	1.75	1.75	280.65	2.00
400.00	4.00	280.65	399.84	1.29	-6.86	1622365.1	2381080.1	6.98	6.98	280.65	2.00
500.00	6.00	280.65	499.45	2.90	-15.42	1622366.7	2381071.5	15.69	15.69	280.65	2.00
600.00	8.00	280.65	598.70	5.15	-27.40	1622369.0	2381059.5	27.88	27.88	280.65	2.00
700.00	10.00	280.65	697.47	8.04	-42.77	1622371.9	2381044.1	43.52	43.52	280.65	2.00
783.05	11.66	280.65	779.04	10.92	-58.11	1622374.7	2381028.8	59.13	59.13	280.65	2.00
End Build											
1283.05	11.66	280.65	1268.72	29.60	-157.43	1622393.4	2380929.5	160.19	160.19	280.65	0.00
1783.05	11.66	280.65	1758.40	48.27	-256.75	1622412.1	2380830.2	261.25	261.25	280.65	0.00
2283.05	11.66	280.65	2248.08	66.94	-356.07	1622430.8	2380730.8	362.31	362.31	280.65	0.00
2783.05	11.66	280.65	2737.76	85.61	-455.39	1622449.4	2380631.5	463.37	463.37	280.65	0.00
3283.05	11.66	280.65	3227.44	104.28	-554.71	1622468.1	2380532.2	564.43	564.43	280.65	0.00
3783.05	11.66	280.65	3717.12	122.95	-654.03	1622486.8	2380432.9	665.49	665.49	280.65	0.00
3918.74	11.66	280.65	3850.00	128.02	-680.99	1622491.8	2380405.9	692.91	692.91	280.65	0.00
Mesaverde											
4418.74	11.66	280.65	4339.68	146.69	-780.31	1622510.5	2380306.6	793.97	793.97	280.65	0.00
4863.23	11.66	280.65	4775.00	163.29	-868.60	1622527.1	2380218.3	883.82	883.82	280.65	0.00
Price Coal											
5359.44	11.66	280.65	5260.97	181.82	-967.17	1622545.6	2380119.7	984.11	984.11	280.65	0.00
Start Drop											
5459.44	9.66	280.65	5359.23	185.24	-985.35	1622549.1	2380101.6	1002.61	1002.61	280.65	2.00
5559.44	7.66	280.65	5458.09	188.02	-1000.15	1622551.8	2380086.8	1017.67	1017.67	280.65	2.00
5659.44	5.66	280.65	5557.41	190.16	-1011.55	1622554.0	2380075.4	1029.27	1029.27	280.65	2.00
5759.44	3.66	280.65	5657.07	191.67	-1019.53	1622555.5	2380067.4	1037.39	1037.39	280.65	2.00
5859.44	1.66	280.65	5756.96	192.52	-1024.09	1622556.3	2380062.8	1042.03	1042.03	280.65	2.00

Measured Depth Feet	BORE Inc Degrees	HOLE Direction Degrees	True Vertical Depth Feet	RECTANGULAR COORDINATES		LAMBERT COORDINATES		Vertical Section Feet	CLOSURES		Dogleg Severity Deg/100'
				North(-South)	East(-West)	Y	X		Distance	Direction	
				Feet	Feet	Feet	Feet		Feet	Deg	
5942.49	0.00	280.65	5840.00	192.75	-1025.28	1622556.6	2380061.6	1043.24	1043.24	280.65	2.00
Top Gas											
6592.49	0.00	280.65	6490.00	192.75	-1025.28	1622556.6	2380061.6	1043.24	1043.24	280.65	0.00
Cameo											
7642.49	0.00	280.65	7540.00	192.75	-1025.28	1622556.6	2380061.6	1043.24	1043.24	280.65	0.00
Rollins SS											
8212.49	0.00	280.65	8110.00	192.75	-1025.28	1622556.6	2380061.6	1043.24	1043.24	280.65	0.00
Cozzette											
8462.49	0.00	280.65	8360.00	192.75	-1025.28	1622556.6	2380061.6	1043.24	1043.24	280.65	0.00
Corcoran											
8737.49	0.00	280.65	8635.00	192.75	-1025.28	1622556.6	2380061.6	1043.24	1043.24	280.65	0.00
TD											
Final Station Closure Distance: 1043.24' Direction: 280.65°											