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JUN 01 2015

WV GEOLOGICAL SURVEY
MORGANTOWN, WV



Vanscoy Unit 2H
Doddridge County WV
Northing: 14270664.53
Easting: 1727243.39
As Drilled



SITE DETAILS: Hobbs/Langfit/Vanscoy Pad
Site Center: Holden 2H
Site Centre Northing: 14270672.18
Easting: 1727282.25
Positional Uncertainty: 2.0
Convergence: 0.19
Local North: Grid

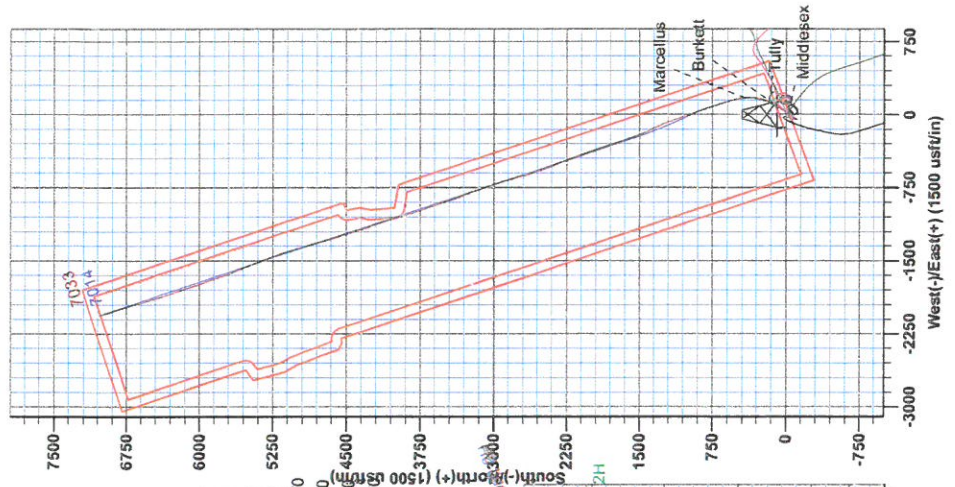
WELL DETAILS
Ground Level: 1180.0
Easting: 1727243.39 39° 17' 53.583 N 80° 41' 35.117 W
Longitude: 14270664.53
Northing: 1727243.39 39° 17' 53.583 N 80° 41' 35.117 W

PROJECT DETAILS: Doddridge County WV
Geodetic System: Universal Transverse Mercator (US Survey Feet)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: Zone 17N (84 W to 78 W)
System Datum: Mean Sea Level

Fracture Z3: GL 1180' + 22' RKB @ 1202.0uirt (Original Well Elev)

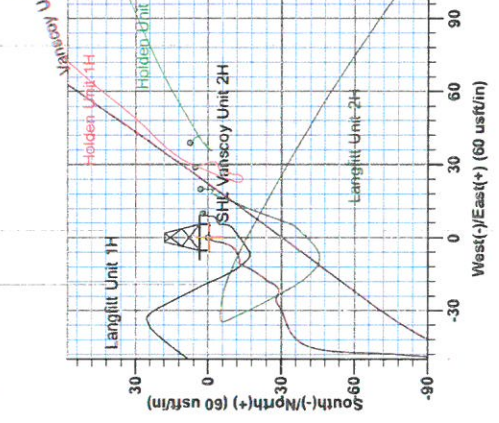
Azimuths to Grid North
True North: -0.19°
Magnetic North: -0.72°
Strength: 52332.18nT
Dip Angle: 96.84°
Date: 11/2014
Model: IGRF2010

To convert Magnetic North to Grid, Subtract 0.19°
To convert True North to Grid, Subtract 0.19°



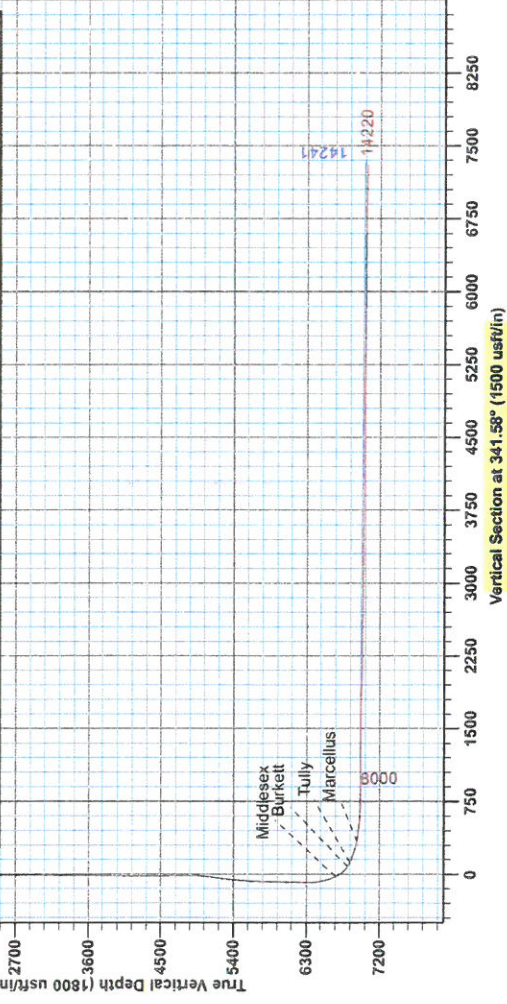
LEGEND

- Langfit Unit 1H, Original Wellpath, As Drilled VO
- Holden Unit 2H, Original Wellpath, As Drilled VO
- Holden Unit 1H, Original Wellpath, As Drilled VO
- Langfit Unit 2H, Original Wellpath, As Drilled VO
- Vanscoy Unit 2H, Original Wellpath, Plan 5 VO
- As Drilled



DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
SHL Vanscoy Unit 2H	0.0	0.0	0.014270664 53	1727243 389	17° 53.583 N	80° 41' 35.117 W	
Actual BHL Vanscoy Unit 2H	29033.5	7007.0	-2061.61427	6771.49	1725181.78	39° 19' 2.933 N	80° 42' 1.055 W





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MORGANTOWN, WV

Antero Resources

**Doddridge County WV
Holden/Langfitt/Vanscoy Pad
Vanscoy Unit 2H
Original Wellpath**

Design: As Drilled

EOW Completion Report

11 March, 2014



JUN 01 2015



WV GEOLOGICAL SURVEY
MORGANTOWN, WV

EOW Completion Report



Company: Antero Resources	Local Co-ordinate Reference: Well Vanscoy Unit 2H
Project: Doddridge County WV	TVD Reference: Frontier 23: GL 1180' + 22' RKB @ 1202.0usft (O
Site: Holden/Langfitt/Vanscoy Pad	MD Reference: Frontier 23: GL 1180' + 22' RKB @ 1202.0usft (O
Well: Vanscoy Unit 2H	North Reference: Grid
Wellbore: Original Wellpath	Survey Calculation Method: Minimum Curvature
Design: As Drilled	Database: Oklahoma District

Project	Doddridge County WV, McClellan District		
Map System:	Universal Transverse Mercator (US Survey Feet)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Zone 17N (84 W to 78 W)		

Site Holden/Langfitt/Vanscoy Pad

Site Position:		Northing:	14,270,672.18usft	Latitude:	39° 17' 53.658 N
From:	Map	Easting:	1,727,282.25usft	Longitude:	80° 41' 34.622 W
Position Uncertainty:	2.0 usft	Slot Radius:	13-3/16"	Grid Convergence:	0.19 °

Well Vanscoy Unit 2H, Marcellus

Well Position	+N/-S	0.0 usft	Northing:	14,270,664.53 usft	Latitude:	39° 17' 53.583 N
	+E/-W	0.0 usft	Easting:	1,727,243.39 usft	Longitude:	80° 41' 35.117 W
Position Uncertainty		2.0 usft	Wellhead Elevation:	1,202.0 usft	Ground Level:	1,180.0 usft

Wellbore Original Wellpath

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2/4/2014	-8.52	66.84	52,332

Design As Drilled

Audit Notes:

Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
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Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	341.58

Survey Program		Date			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
100.0	4,722.0	Survey #2 Def Gyro (Original Wellpath)	SDI Standard Keeper	Scientific Drilling Intl. Standard Wireline Keeper	
4,796.0	14,220.0	Survey #3 MWD (Original Wellpath)	MWD SDI	MWD - Standard ver 1.0.1	

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00
100.0	0.56	219.01	100.0	-0.4	-0.3	-0.3	0.56
200.0	0.47	217.16	200.0	-1.1	-0.9	-0.8	0.09
300.0	0.42	206.04	300.0	-1.7	-1.3	-1.3	0.10
400.0	0.54	195.13	400.0	-2.5	-1.6	-1.9	0.15
500.0	0.60	187.55	500.0	-3.5	-1.7	-2.8	0.10
600.0	0.56	189.08	600.0	-4.5	-1.9	-3.7	0.04
700.0	0.64	191.02	700.0	-5.5	-2.1	-4.6	0.08
800.0	0.65	201.83	800.0	-6.6	-2.4	-5.5	0.12
900.0	0.61	197.44	900.0	-7.6	-2.8	-6.4	0.06
1,000.0	0.58	197.95	1,000.0	-8.6	-3.1	-7.2	0.03

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EOW Completion Report



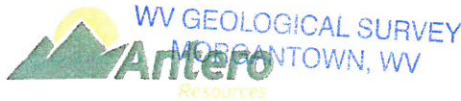
Company: Antero Resources
Project: Doddridge County WV
Site: Holden/Langfitt/Vanscoy Pad
Well: Vanscoy Unit 2H
Wellbore: Original Wellpath
Design: As Drilled

Local Co-ordinate Reference: Well Vanscoy Unit 2H
TVD Reference: Frontier 23: GL 1180' + 22' RKB @ 1202.0usft (O
MD Reference: Frontier 23: GL 1180' + 22' RKB @ 1202.0usft (O
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: Oklahoma District

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)
1,100.0	0.60	213.20	1,099.9	-9.6	-3.5	-7.9	0.16
1,200.0	0.68	230.49	1,199.9	-10.4	-4.3	-8.5	0.21
1,300.0	0.65	241.12	1,299.9	-11.0	-5.2	-8.8	0.13
1,400.0	0.52	241.55	1,399.9	-11.5	-6.1	-9.0	0.13
1,500.0	0.53	237.81	1,499.9	-12.0	-6.9	-9.2	0.04
1,600.0	0.61	252.54	1,599.9	-12.4	-7.8	-9.3	0.17
1,700.0	0.49	256.94	1,699.9	-12.6	-8.7	-9.2	0.13
1,800.0	0.32	254.63	1,799.9	-12.8	-9.4	-9.2	0.17
1,900.0	0.22	316.63	1,899.9	-12.7	-9.8	-9.0	0.29
2,000.0	0.24	280.77	1,999.9	-12.6	-10.2	-8.7	0.14
2,100.0	0.14	233.79	2,099.9	-12.6	-10.5	-8.6	0.18
2,200.0	0.16	261.51	2,199.9	-12.7	-10.7	-8.7	0.07
2,300.0	0.19	196.08	2,299.9	-12.9	-10.9	-8.8	0.19
2,400.0	0.26	198.32	2,399.9	-13.2	-11.0	-9.1	0.07
2,500.0	0.10	190.19	2,499.9	-13.5	-11.1	-9.3	0.16
2,600.0	0.04	213.90	2,599.9	-13.7	-11.1	-9.4	0.07
2,700.0	0.34	216.51	2,699.9	-13.9	-11.3	-9.6	0.30
2,800.0	0.55	211.59	2,799.9	-14.6	-11.7	-10.1	0.21
2,900.0	0.55	194.15	2,899.9	-15.4	-12.1	-10.8	0.17
3,000.0	0.58	206.13	2,999.9	-16.4	-12.5	-11.6	0.12
3,100.0	0.64	212.01	3,099.9	-17.3	-13.0	-12.3	0.09
3,200.0	0.81	208.72	3,199.9	-18.4	-13.6	-13.1	0.17
3,300.0	0.85	215.58	3,299.9	-19.6	-14.4	-14.1	0.11
3,400.0	0.86	214.16	3,399.9	-20.8	-15.2	-15.0	0.02
3,500.0	0.78	214.08	3,499.9	-22.0	-16.0	-15.8	0.08
3,600.0	0.69	220.59	3,599.8	-23.0	-16.8	-16.5	0.12
3,700.0	0.79	222.73	3,699.8	-24.0	-17.7	-17.2	0.10
3,800.0	0.59	209.96	3,799.8	-25.0	-18.4	-17.9	0.25
3,900.0	0.48	187.98	3,899.8	-25.8	-18.7	-18.6	0.23
4,000.0	0.60	208.02	3,999.8	-26.7	-19.0	-19.3	0.22
4,100.0	0.47	228.07	4,099.8	-27.4	-19.6	-19.8	0.23
4,200.0	0.70	223.87	4,199.8	-28.1	-20.3	-20.3	0.23
4,300.0	0.40	239.83	4,299.8	-28.8	-21.0	-20.6	0.33
4,400.0	0.56	272.39	4,399.8	-28.9	-21.8	-20.5	0.31
4,500.0	0.55	287.73	4,499.8	-28.7	-22.8	-20.1	0.15
4,600.0	0.72	292.05	4,599.8	-28.4	-23.8	-19.4	0.18
4,700.0	0.79	291.03	4,699.8	-27.9	-25.0	-18.5	0.07
4,722.0	0.76	297.57	4,721.7	-27.8	-25.3	-18.3	0.43
4,796.0	2.66	239.60	4,795.7	-28.4	-27.2	-18.4	3.17
4,830.0	2.75	241.14	4,829.7	-29.2	-28.6	-18.7	0.34
4,862.0	3.58	243.59	4,861.7	-30.0	-30.2	-18.9	2.63
4,894.0	3.81	247.50	4,893.6	-30.9	-32.0	-19.2	1.07
4,926.0	4.36	252.45	4,925.5	-31.6	-34.2	-19.2	2.04
4,958.0	5.09	246.39	4,957.4	-32.6	-36.6	-19.3	2.76

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EOW Completion Report



Company: Antero Resources
Project: Doddridge County WV
Site: Holden/Langfitt/Vanscoy Pad
Well: Vanscoy Unit 2H
Wellbore: Original Wellpath
Design: As Drilled

Local Co-ordinate Reference: Well Vanscoy Unit 2H
TVD Reference: Frontier 23: GL 1180' + 22' RKB @ 1202.0usft (O
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MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)
4,990.0	5.97	236.54	4,989.3	-34.1	-39.3	-19.9	4.04
5,022.0	6.67	223.22	5,021.1	-36.3	-42.0	-21.2	5.06
5,087.0	8.21	191.32	5,085.5	-43.6	-45.5	-27.0	6.68
5,183.0	6.85	182.53	5,180.7	-56.1	-47.1	-38.3	1.85
5,279.0	5.69	181.06	5,276.1	-66.6	-47.4	-48.2	1.22
5,375.0	5.03	184.50	5,371.7	-75.5	-47.9	-56.5	0.76
5,471.0	4.24	183.85	5,467.4	-83.2	-48.4	-63.7	0.82
5,566.0	3.63	185.42	5,562.2	-89.7	-48.9	-69.7	0.65
5,660.0	2.77	184.23	5,656.0	-95.0	-49.4	-74.5	0.92
5,756.0	1.93	194.28	5,751.9	-98.9	-50.0	-78.0	0.97
5,853.0	1.13	188.77	5,848.9	-101.4	-50.5	-80.2	0.84
5,949.0	1.05	200.71	5,944.9	-103.1	-51.0	-81.7	0.25
6,045.0	0.90	206.94	6,040.9	-104.6	-51.6	-83.0	0.19
6,141.0	0.85	202.85	6,136.9	-106.0	-52.2	-84.0	0.08
6,236.0	0.99	210.67	6,231.9	-107.3	-52.9	-85.1	0.20
6,330.0	0.74	206.56	6,325.8	-108.6	-53.6	-86.1	0.27
6,362.0	1.14	65.39	6,357.8	-108.6	-53.4	-86.2	5.56
6,394.0	3.79	42.62	6,389.8	-107.7	-52.4	-85.6	8.67
6,426.0	7.53	37.78	6,421.7	-105.3	-50.4	-83.9	11.77
6,458.0	10.83	30.93	6,453.2	-101.0	-47.6	-80.8	10.85
6,490.0	14.27	26.23	6,484.5	-94.9	-44.3	-76.0	11.21
6,523.0	17.43	27.93	6,516.2	-86.9	-40.2	-69.7	9.68
6,555.0	20.58	32.34	6,546.5	-77.9	-34.9	-62.9	10.81
6,587.0	23.77	36.25	6,576.1	-67.9	-28.1	-55.6	10.98
6,619.0	27.39	37.23	6,605.0	-56.9	-19.8	-47.7	11.39
6,651.0	30.74	36.71	6,632.9	-44.5	-10.5	-38.9	10.50
6,683.0	34.57	36.19	6,659.9	-30.6	-0.2	-28.9	12.00
6,693.0	35.74	36.07	6,668.0	-25.9	3.2	-25.6	11.77
Middlesex							
6,715.0	38.33	35.84	6,685.6	-15.2	10.9	-17.9	11.77
6,748.0	41.94	35.84	6,710.8	2.0	23.4	-5.5	10.94
6,780.0	46.55	35.23	6,733.7	20.2	36.4	7.7	14.47
6,812.0	50.60	34.51	6,754.9	39.9	50.1	22.0	12.77
6,844.0	55.64	34.79	6,774.1	60.9	64.6	37.4	15.77
6,876.0	58.90	32.92	6,791.4	83.3	79.6	53.9	11.31
6,908.0	61.91	28.28	6,807.2	107.2	93.8	72.1	15.73
6,918.0	62.57	27.42	6,811.9	115.1	97.9	78.2	10.10
Burkett							
6,940.0	64.04	25.55	6,821.8	132.7	106.7	92.2	10.10
6,972.0	66.31	22.55	6,835.2	159.2	118.5	113.6	11.08
6,984.0	66.85	21.69	6,840.0	169.4	122.6	122.0	7.95
Tully							
7,004.0	67.76	20.28	6,847.7	186.6	129.2	136.2	7.95
7,036.0	69.35	18.89	6,859.4	214.7	139.2	159.7	6.41
7,067.0	70.76	17.37	6,870.0	242.4	148.3	183.1	6.48



EOW Completion Report



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Site: Holden/Langfitt/Vanscoy Pad
Well: Vanscoy Unit 2H
Wellbore: Original Wellpath
Design: As Drilled

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7,100.0	71.73	16.04	6,880.6	272.3	157.3	208.6	4.82
7,132.0	71.79	11.54	6,890.6	301.8	164.5	234.4	13.36
7,164.0	71.75	6.26	6,900.6	331.8	169.2	261.3	15.67
7,196.0	72.89	2.39	6,910.3	362.2	171.5	289.5	12.06
7,228.0	75.85	359.09	6,918.9	393.0	171.9	318.6	13.57
7,254.0	77.85	356.08	6,924.9	418.3	170.8	342.9	13.66
Marcellus							
7,260.0	78.32	355.39	6,926.1	424.2	170.4	348.6	13.66
7,291.0	80.67	351.27	6,931.8	454.4	166.8	378.4	15.11
7,323.0	82.27	347.77	6,936.5	485.5	161.1	409.8	11.92
7,355.0	82.54	345.55	6,940.7	516.4	153.8	441.4	6.93
7,387.0	82.87	344.72	6,944.8	547.1	145.6	473.0	2.77
7,419.0	83.24	344.73	6,948.7	577.7	137.3	504.7	1.16
7,451.0	83.36	342.43	6,952.4	608.2	128.3	536.5	7.15
7,472.0	83.71	341.17	6,954.8	628.0	121.8	557.4	6.19
7,530.0	87.14	341.71	6,959.4	682.8	103.4	615.2	5.99
7,569.0	87.23	341.97	6,961.3	719.8	91.2	654.1	0.70
7,665.0	90.04	341.62	6,963.6	811.0	61.2	750.1	2.95
7,762.0	89.08	340.04	6,964.3	902.6	29.4	847.1	1.91
7,857.0	88.29	339.60	6,966.5	991.8	-3.4	942.0	0.95
7,954.0	91.28	342.06	6,966.9	1,083.4	-35.2	1,039.0	3.99
8,050.0	90.31	339.86	6,965.5	1,174.1	-66.5	1,135.0	2.50
8,147.0	88.72	335.91	6,966.4	1,263.9	-103.0	1,231.7	4.39
8,243.0	88.37	334.33	6,968.8	1,351.0	-143.4	1,327.1	1.69
8,339.0	90.75	336.61	6,969.5	1,438.3	-183.3	1,422.5	3.43
8,435.0	88.72	337.49	6,970.0	1,526.7	-220.7	1,518.2	2.30
8,532.0	91.19	342.59	6,970.1	1,617.8	-253.8	1,615.1	5.84
8,628.0	89.69	342.59	6,969.3	1,709.4	-282.5	1,711.1	1.56
8,724.0	87.85	341.80	6,971.4	1,800.8	-311.9	1,807.1	2.09
8,821.0	87.05	341.09	6,975.7	1,892.7	-342.7	1,904.0	1.10
8,917.0	87.14	340.83	6,980.6	1,983.3	-374.0	1,999.9	0.29
9,014.0	88.29	339.86	6,984.4	2,074.6	-406.6	2,096.8	1.55
9,110.0	90.22	339.78	6,985.7	2,164.7	-439.7	2,192.7	2.01
9,206.0	90.66	338.90	6,984.9	2,254.5	-473.6	2,288.6	1.02
9,297.0	90.66	338.46	6,983.9	2,339.3	-506.6	2,379.5	0.48
9,388.0	89.16	341.18	6,984.0	2,424.7	-538.0	2,470.5	3.41
9,478.0	88.64	340.22	6,985.8	2,509.6	-567.8	2,560.4	1.21
9,570.0	88.99	342.68	6,987.7	2,596.8	-597.0	2,652.4	2.70
9,660.0	88.46	341.97	6,989.7	2,682.5	-624.3	2,742.4	0.98
9,751.0	89.87	343.82	6,991.0	2,769.5	-651.1	2,833.3	2.56
9,842.0	90.04	343.82	6,991.1	2,856.9	-676.5	2,924.3	0.19
9,933.0	89.87	342.76	6,991.1	2,944.0	-702.6	3,015.2	1.18
10,024.0	89.16	341.01	6,991.9	3,030.5	-730.9	3,106.2	2.08
10,116.0	89.43	340.74	6,993.0	3,117.4	-761.1	3,198.2	0.42

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EOW Completion Report

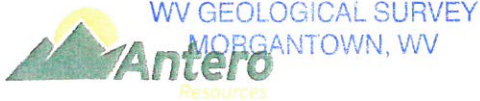


Company: Antero Resources
Project: Doddridge County WV
Site: Holden/Langfitt/Vanscoy Pad
Well: Vanscoy Unit 2H
Wellbore: Original Wellpath
Design: As Drilled

Local Co-ordinate Reference: Well Vanscoy Unit 2H
TVD Reference: Frontier 23: GL 1180' + 22' RKB @ 1202.0usft (O
MD Reference: Frontier 23: GL 1180' + 22' RKB @ 1202.0usft (O
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: Oklahoma District

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)
10,207.0	88.99	338.99	6,994.3	3,202.9	-792.4	3,289.1	1.98
10,298.0	90.31	338.90	6,994.9	3,287.8	-825.1	3,380.0	1.45
10,394.0	88.55	340.22	6,995.8	3,377.7	-858.6	3,476.0	2.29
10,490.0	89.16	341.45	6,997.7	3,468.4	-890.1	3,571.9	1.43
10,587.0	90.22	342.50	6,998.3	3,560.6	-920.1	3,668.9	1.54
10,683.0	89.78	340.57	6,998.3	3,651.7	-950.5	3,764.9	2.06
10,780.0	89.52	340.22	6,998.8	3,743.0	-983.1	3,861.9	0.45
10,876.0	89.16	341.27	7,000.0	3,833.7	-1,014.7	3,957.9	1.16
10,972.0	89.87	344.35	7,000.8	3,925.4	-1,043.1	4,053.8	3.29
11,069.0	90.22	342.94	7,000.7	4,018.4	-1,070.4	4,150.8	1.50
11,165.0	90.48	343.03	7,000.1	4,110.2	-1,098.5	4,246.8	0.29
11,262.0	90.13	341.53	6,999.6	4,202.6	-1,128.0	4,343.7	1.59
11,358.0	89.08	339.60	7,000.2	4,293.2	-1,160.0	4,439.7	2.29
11,455.0	90.22	343.03	7,000.8	4,385.0	-1,191.0	4,536.7	3.73
11,551.0	90.48	342.15	7,000.3	4,476.6	-1,219.8	4,632.7	0.96
11,647.0	89.60	339.51	7,000.2	4,567.3	-1,251.3	4,728.7	2.90
11,744.0	89.78	344.08	7,000.7	4,659.4	-1,281.6	4,825.6	4.71
11,840.0	89.69	344.61	7,001.2	4,751.8	-1,307.5	4,921.5	0.56
11,936.0	89.78	345.49	7,001.6	4,844.6	-1,332.2	5,017.3	0.92
12,033.0	88.64	343.47	7,002.9	4,938.0	-1,358.2	5,114.2	2.39
12,129.0	88.81	343.73	7,005.1	5,030.1	-1,385.3	5,210.1	0.32
12,226.0	87.93	339.86	7,007.8	5,122.2	-1,415.6	5,307.1	4.09
12,322.0	87.23	340.04	7,011.9	5,212.3	-1,448.5	5,402.9	0.75
12,418.0	89.52	339.69	7,014.6	5,302.4	-1,481.5	5,498.8	2.41
12,514.0	90.75	340.74	7,014.4	5,392.7	-1,514.0	5,594.8	1.68
12,611.0	90.04	339.25	7,013.7	5,483.9	-1,547.2	5,691.8	1.70
12,707.0	88.90	335.65	7,014.6	5,572.5	-1,584.0	5,787.5	3.93
12,804.0	88.20	337.23	7,017.1	5,661.4	-1,622.7	5,884.1	1.78
12,900.0	90.48	341.97	7,018.2	5,751.3	-1,656.2	5,980.0	5.48
12,996.0	90.92	341.71	7,017.0	5,842.5	-1,686.1	6,076.0	0.53
13,093.0	90.31	339.16	7,016.0	5,933.9	-1,718.6	6,172.9	2.70
13,189.0	89.87	342.50	7,015.8	6,024.6	-1,750.1	6,268.9	3.51
13,286.0	88.72	341.53	7,017.0	6,116.8	-1,780.0	6,365.9	1.55
13,382.0	88.72	342.06	7,019.1	6,208.0	-1,810.0	6,461.9	0.55
13,479.0	89.25	340.48	7,020.9	6,299.9	-1,841.2	6,558.9	1.72
13,575.0	88.81	341.27	7,022.5	6,390.5	-1,872.6	6,654.8	0.94
13,672.0	89.33	344.62	7,024.1	6,483.3	-1,901.1	6,751.8	3.49
13,768.0	89.16	345.14	7,025.3	6,575.9	-1,926.1	6,847.6	0.57
13,865.0	88.99	343.47	7,026.9	6,669.3	-1,952.3	6,944.5	1.73
13,961.0	88.99	342.68	7,028.6	6,761.1	-1,980.3	7,040.4	0.82
14,058.0	88.81	341.53	7,030.4	6,853.4	-2,010.1	7,137.4	1.20
14,161.0	88.99	341.01	7,032.4	6,950.9	-2,043.1	7,240.4	0.53
14,220.0	89.00	342.50	7,033.5	7,007.0	-2,061.6	7,299.4	2.53



EOW Completion Report



Company:	Antero Resources	Local Co-ordinate Reference:	Well Vanscoy Unit 2H
Project:	Doddridge County WV	TVD Reference:	Frontier 23: GL 1180' + 22' RKB @ 1202.0usft (O
Site:	Holden/Langfitt/Vanscoy Pad	MD Reference:	Frontier 23: GL 1180' + 22' RKB @ 1202.0usft (O
Well:	Vanscoy Unit 2H	North Reference:	Grid
Wellbore:	Original Wellpath	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Oklahoma District

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N-S (usft)	+E-W (usft)	
6,693.0	6,668.0	-25.9	3.2	Middlesex
6,918.0	6,811.9	115.1	97.9	Burkett
6,984.0	6,840.0	169.4	122.6	Tully
7,254.0	6,924.9	418.3	170.8	Marcellus

Checked By: _____	Approved By: _____	Date: _____
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