



Company: Trans Energy Inc.
 Site: Anderson
 Well: 8H
 Project: Wetzel County, West Virginia (NAD 83)
 Rig Name: H&P 285



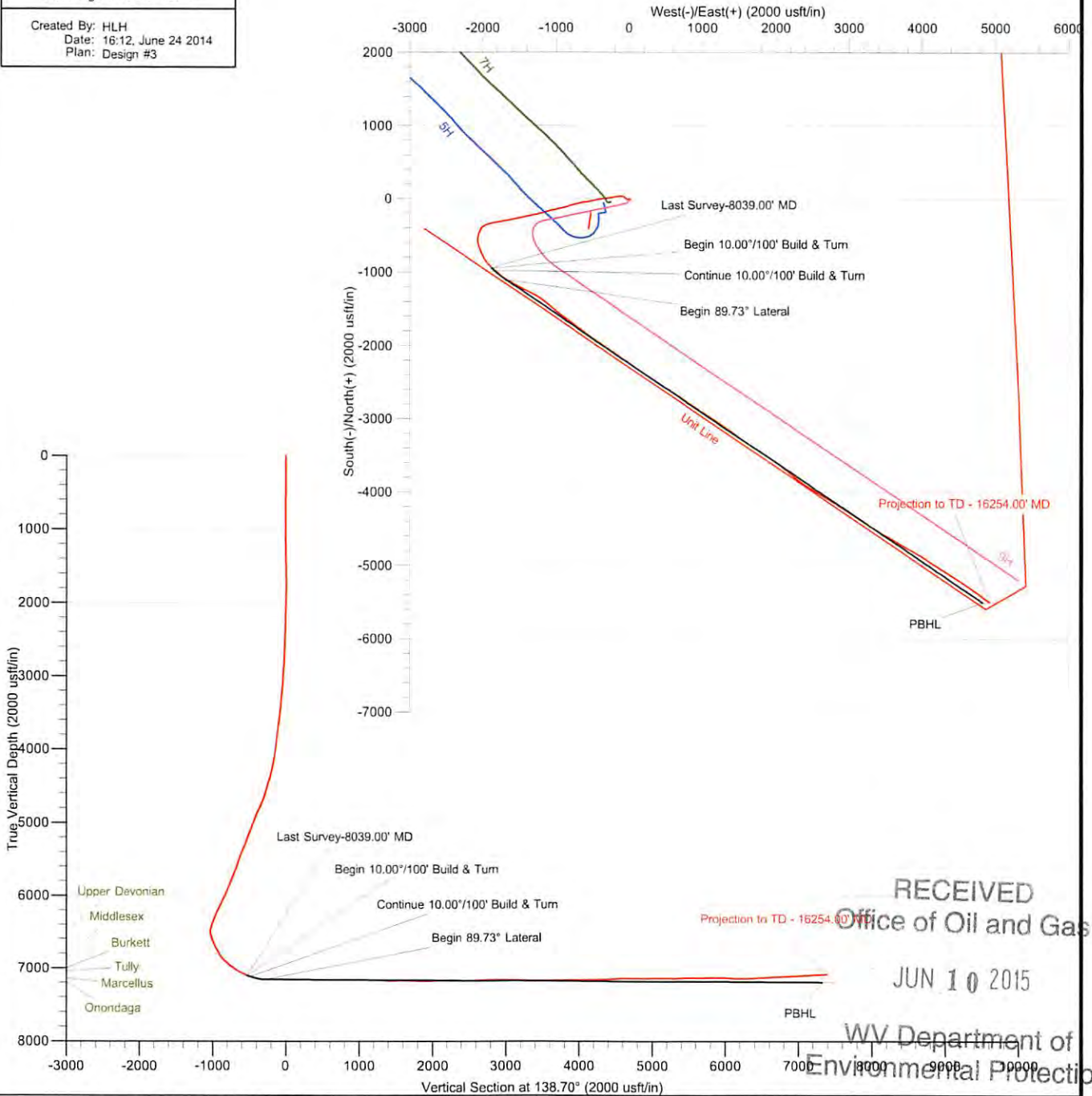
Azimuths to Grid North
 True North: 0.71°
 Magnetic North: -7.92°
 Magnetic Field
 Strength: 52372.3snT
 Dip Angle: 66.93°
 Date: 05/01/2014
 Model: WMM_2010

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	V Sect	Departure	Annotation
8039.00	66.10	134.50	7098.24	-943.81	-1879.86	-531.62	0.00	Last Survey-8039.00' MD
8047.57	66.10	134.50	7101.71	-949.30	-1874.27	-523.81	7.84	Begin 10.00°/100' Build & Turn
8088.13	70.00	133.30	7116.87	-975.37	-1847.17	-486.33	45.44	Continue 10.00°/100' Build & Turn
8305.44	89.73	124.00	7155.00	-1107.74	-1680.77	-277.07	258.30	Begin 89.73° Lateral
16159.65	89.73	124.00	7192.00	-5499.17	4830.96	7319.77	8112.42	PBHL

US State Plane 1983
 West Virginia Northern Zone

Created By: HLH
 Date: 16:12, June 24 2014
 Plan: Design #3



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The customer should only rely on this document after independently verifying all paths, targets, coordinates, lease and hard lines represented. Any decisions made or wells drilled utilizing this or any other information supplied by MS Energy are at the sole risk and responsibility of the customer. MS Energy is not responsible for the accuracy of this schematic or the information contained herein.



Trans Energy Inc.

Wetzel County, West Virginia (NAD 83)

Anderson

8H

Wellbore #1

Survey: MS MWD

Standard Survey Report

24 June, 2014

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Company:	Trans Energy Inc.	Local Co-ordinate Reference:	Well 8H
Project:	Wetzel County, West Virginia (NAD 83)	TVD Reference:	WELL @ 1032.00usft (H&P 285)
Site:	Anderson	MD Reference:	WELL @ 1032.00usft (H&P 285)
Well:	8H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000 Conroe Server

Project	Wetzel County, West Virginia (NAD 83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	West Virginia Northern Zone		

Well	8H				
Well Position	+N/-S	0.00 usft	Northing:	350,665.98 usft	Latitude: 39° 27' 26.809 N
	+E/-W	0.00 usft	Easting:	1,655,004.45 usft	Longitude: 80° 36' 37.181 W
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level: 1,012.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	WMM_2010	05/01/14	-8.63	66.93	52,372

Design	Surveys				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	138.70	

Survey Program	Date	06/24/14			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
1,053.00	16,254.00	MS MWD (Wellbore #1)	MWD	MWD - Standard	

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,053.00	0.10	353.00	1,053.00	0.91	-0.11	-0.76	0.01	0.01	0.00
1,143.00	0.20	115.20	1,143.00	0.92	0.02	-0.68	0.30	0.11	135.78
1,233.00	0.80	128.00	1,233.00	0.47	0.66	0.08	0.67	0.67	14.22
1,323.00	1.10	117.90	1,322.98	-0.32	1.92	1.51	0.38	0.33	-11.22
1,417.00	1.10	118.80	1,416.97	-1.18	3.50	3.20	0.02	0.00	0.96
1,512.00	1.40	122.50	1,511.94	-2.24	5.28	5.17	0.33	0.32	3.89
1,607.00	1.20	134.20	1,606.92	-3.56	6.97	7.28	0.35	-0.21	12.32
1,701.00	1.10	173.40	1,700.90	-5.14	7.78	9.00	0.83	0.11	11.70
1,796.00	1.20	259.20	1,795.89	-6.23	6.91	9.24	1.65	0.11	90.32
1,891.00	2.40	272.80	1,890.84	-6.32	3.95	7.36	1.33	1.26	11.32
1,985.00	2.40	275.70	1,984.76	-6.03	0.02	4.55	-0.13	0.00	3.09
2,080.00	2.50	309.70	2,079.68	-4.51	-3.55	1.04	1.51	0.11	35.79
2,175.00	2.90	258.90	2,174.58	-3.65	-7.50	-2.21	2.47	0.42	33.17
2,269.00	3.00	263.00	2,268.46	-4.41	-12.28	-4.79	0.25	0.11	4.36

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Site:	Anderson	MD Reference:	WELL @ 1032.00usft (H&P 285)
Well:	8H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000 Conroe Server

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
2,364.00	3.40	266.90	2,363.31	-4.86	-17.56	-7.94	0.48	0.42	4.11
2,458.00	3.00	261.60	2,457.16	-5.37	-22.78	-11.00	0.53	-0.43	-5.64
2,553.00	2.30	259.50	2,552.06	-6.08	-27.11	-13.32	0.74	-0.74	-2.21
2,648.00	2.90	279.80	2,646.96	-6.02	-31.35	-16.17	1.15	0.63	21.37
2,743.00	2.80	303.10	2,741.85	-4.34	-35.66	-20.27	1.22	-0.11	24.53
2,837.00	3.50	312.10	2,835.71	-1.17	-39.72	-25.34	0.91	0.74	9.57
2,918.00	3.60	313.30	2,916.55	2.23	-43.40	-30.32	0.15	0.12	1.48
3,038.00	2.80	309.10	3,036.37	6.67	-48.42	-36.96	0.69	-0.67	-3.50
3,132.00	4.60	316.70	3,130.17	10.86	-52.79	-43.00	1.98	1.91	8.09
3,227.00	6.10	311.30	3,224.75	16.96	-59.19	-51.81	1.66	1.58	-5.68
3,321.00	6.50	297.60	3,318.19	22.72	-67.66	-61.73	1.65	0.43	-14.57
3,416.00	7.10	287.80	3,412.52	27.01	-78.01	-71.78	1.37	0.63	-10.32
3,510.00	6.50	286.20	3,505.86	30.27	-88.65	-81.25	0.67	-0.64	-1.70
3,605.00	9.10	283.30	3,599.97	33.50	-101.13	-91.91	2.77	2.74	-3.05
3,699.00	11.00	268.10	3,692.54	34.91	-117.33	-103.67	3.45	2.02	-16.17
3,793.00	12.00	261.70	3,784.66	33.20	-135.97	-114.68	1.72	1.06	-6.81
3,888.00	12.00	262.00	3,877.58	30.40	-155.52	-125.48	0.07	0.00	0.32
3,982.00	13.60	259.10	3,969.25	26.95	-176.05	-136.44	1.83	1.70	-3.09
4,077.00	16.20	259.80	4,061.04	22.50	-200.06	-148.94	2.74	2.74	0.74
4,171.00	18.50	259.90	4,150.76	17.56	-227.65	-163.44	2.45	2.45	0.11
4,265.00	21.60	260.50	4,239.05	12.09	-259.41	-180.29	3.31	3.30	0.64
4,360.00	24.50	263.00	4,326.46	6.80	-296.22	-200.61	3.22	3.05	2.63
4,454.00	28.10	263.40	4,410.72	1.88	-337.57	-224.20	3.83	3.83	0.43
4,548.00	29.60	259.60	4,493.05	-4.86	-382.40	-248.73	2.52	1.60	-4.04
4,643.00	31.60	257.20	4,574.82	-14.61	-429.75	-272.66	2.47	2.11	-2.53
4,737.00	33.50	256.80	4,654.06	-25.99	-479.03	-296.63	2.03	2.02	-0.43
4,832.00	40.80	260.80	4,729.74	-36.96	-535.27	-325.52	8.09	7.68	4.21
4,926.00	41.50	262.70	4,800.52	-45.83	-596.48	-359.25	1.52	0.74	2.02
5,020.00	41.00	258.20	4,871.21	-56.09	-657.57	-391.86	3.20	-0.53	-4.79
5,115.00	42.10	254.90	4,942.31	-70.76	-718.83	-421.27	2.58	1.16	-3.47
5,209.00	41.80	252.70	5,012.23	-88.29	-779.17	-447.92	1.60	-0.32	-2.34
5,303.00	41.30	253.40	5,082.57	-106.46	-838.80	-473.63	0.73	-0.53	0.74
5,398.00	40.70	256.20	5,154.28	-122.81	-898.93	-501.03	2.03	-0.63	2.95
5,492.00	38.90	255.80	5,226.49	-137.36	-957.31	-528.63	1.93	-1.91	-0.43
5,586.00	41.00	255.30	5,298.55	-152.43	-1,015.76	-555.89	2.26	2.23	-0.53
5,681.00	43.20	255.30	5,369.03	-168.59	-1,077.36	-584.40	2.32	2.32	0.00
5,775.00	40.80	254.60	5,438.88	-184.91	-1,138.10	-612.23	2.60	-2.55	-0.74
5,869.00	40.10	254.80	5,510.41	-201.01	-1,196.92	-638.96	0.76	0.76	0.21
5,964.00	39.50	256.30	5,583.40	-216.18	-1,255.80	-666.42	1.19	0.63	1.58
6,058.00	38.20	258.80	5,656.61	-228.91	-1,313.37	-694.85	2.17	-1.38	2.66
6,153.00	38.00	259.40	5,731.37	-240.00	-1,370.93	-724.51	0.44	-0.21	0.63
6,247.00	38.20	260.20	5,805.34	-250.27	-1,428.01	-754.47	0.57	0.21	0.85
6,341.00	38.00	256.40	5,879.33	-262.02	-1,484.78	-783.11	2.50	-0.21	-4.04
6,435.00	41.80	256.50	5,951.43	-276.14	-1,543.39	-811.19	4.04	4.04	0.11

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6,530.00	43.10	260.20	6,021.53	-289.06	-1,606.17	-842.92	2.96	1.37	3.89
6,624.00	41.40	260.60	6,091.11	-299.60	-1,668.49	-876.12	1.83	-1.81	0.43
6,719.00	41.50	261.80	6,162.32	-309.22	-1,730.63	-909.91	0.84	0.11	1.26
6,813.00	41.40	259.00	6,232.78	-319.60	-1,791.97	-942.60	1.97	-0.11	-2.98
6,907.00	41.20	256.70	6,303.40	-332.65	-1,852.61	-972.82	1.63	-0.21	-2.45
7,002.00	38.80	255.50	6,376.17	-347.30	-1,911.89	-1,000.93	2.65	-2.53	-1.26
7,065.00	36.90	252.10	6,425.92	-358.06	-1,949.00	-1,017.35	4.48	-3.02	-5.40
7,096.00	35.60	245.90	6,450.93	-364.61	-1,966.10	-1,023.71	12.54	-4.19	-20.00
7,128.00	35.10	236.30	6,477.05	-373.52	-1,982.27	-1,027.69	17.41	-1.56	-30.00
7,159.00	36.50	228.80	6,502.20	-384.55	-1,996.63	-1,028.88	14.85	4.52	-24.19
7,191.00	37.70	221.70	6,527.74	-398.13	-2,010.31	-1,027.71	13.89	3.75	-22.19
7,222.00	38.10	213.30	6,552.22	-413.21	-2,021.87	-1,024.01	16.69	1.29	-27.10
7,254.00	39.00	205.70	6,577.26	-430.54	-2,031.66	-1,017.45	15.06	2.81	-23.75
7,285.00	40.30	203.40	6,601.13	-448.53	-2,039.88	-1,009.35	6.32	4.19	-7.42
7,316.00	40.40	198.50	6,624.76	-467.27	-2,047.05	-1,000.01	10.24	0.32	-15.81
7,348.00	39.80	195.00	6,649.24	-487.00	-2,052.99	-989.11	7.29	-1.88	-10.94
7,379.00	38.80	193.90	6,673.23	-506.01	-2,057.89	-978.06	3.93	-3.23	-3.55
7,411.00	36.40	190.80	6,698.58	-525.07	-2,062.08	-966.51	9.55	-7.50	-9.69
7,442.00	34.80	184.90	6,723.79	-542.93	-2,064.56	-954.73	12.22	-5.16	-19.03
7,474.00	34.50	180.10	6,750.12	-561.09	-2,065.35	-941.61	8.58	-0.94	-15.00
7,505.00	34.50	174.90	6,775.68	-578.62	-2,064.59	-927.94	9.50	0.00	-16.77
7,537.00	35.60	170.67	6,801.88	-596.84	-2,062.27	-912.72	8.33	3.44	-13.22
7,568.00	38.60	168.70	6,826.60	-615.23	-2,058.91	-896.69	10.41	9.68	-6.35
7,599.00	40.80	167.00	6,850.45	-634.58	-2,054.74	-879.39	7.91	7.10	-5.48
7,631.00	43.60	163.20	6,874.16	-655.34	-2,049.20	-860.14	11.84	8.75	-11.88
7,662.00	46.50	160.90	6,896.06	-676.20	-2,042.43	-840.00	10.73	9.35	-7.42
7,694.00	48.90	159.20	6,917.59	-698.45	-2,034.35	-817.95	8.47	7.50	-5.31
7,725.00	51.60	157.70	6,937.42	-720.61	-2,025.59	-795.52	9.47	8.71	-4.84
7,756.00	53.10	157.10	6,956.35	-743.27	-2,016.15	-772.27	5.08	4.84	-1.94
7,788.00	53.00	156.00	6,975.59	-766.73	-2,005.98	-747.93	2.76	-0.31	-3.44
7,819.00	54.70	153.90	6,993.88	-789.40	-1,995.38	-723.90	7.75	5.48	-6.77
7,851.00	56.70	151.30	7,011.91	-812.86	-1,983.21	-698.25	9.17	6.25	-8.13
7,882.00	58.90	148.30	7,028.43	-835.52	-1,970.01	-672.51	10.84	7.10	-9.68
7,914.00	61.90	143.50	7,044.24	-858.54	-1,954.40	-644.92	16.06	9.38	-15.00
7,945.00	63.60	141.00	7,058.44	-880.33	-1,937.53	-617.41	9.03	5.48	-8.06
7,976.00	64.40	138.70	7,072.03	-901.62	-1,919.56	-589.56	7.15	2.58	-7.42
8,008.00	65.60	136.10	7,085.55	-922.96	-1,899.93	-560.57	8.26	3.75	-8.13
8,039.00	66.10	134.50	7,098.24	-943.07	-1,880.04	-532.33	4.98	1.61	-3.10
8,071.00	68.20	131.20	7,110.67	-963.11	-1,858.42	-503.01	11.55	6.56	-10.31
8,102.00	70.20	130.50	7,121.67	-982.07	-1,836.50	-474.30	6.79	6.45	-2.26
8,134.00	72.50	131.80	7,131.91	-1,002.02	-1,813.67	-444.25	8.15	7.19	-4.06
8,165.00	75.70	129.50	7,140.40	-1,021.43	-1,791.05	-414.73	12.55	10.32	-7.42
8,196.00	80.00	128.30	7,146.92	-1,040.46	-1,767.47	-384.88	14.38	13.87	-3.87

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8,228.00	84.70	127.30	7,151.18	-1,059.89	-1,742.42	-353.74	15.01	14.69	-3.13
8,259.00	86.50	125.10	7,153.56	-1,078.14	-1,717.48	-323.57	9.15	5.81	-7.10
8,291.00	89.10	124.30	7,154.79	-1,096.34	-1,691.19	-292.55	8.50	8.13	-2.50
8,322.00	91.10	122.60	7,154.73	-1,113.43	-1,665.33	-262.64	8.47	6.45	-5.48
8,416.00	89.10	117.10	7,154.57	-1,160.19	-1,583.83	-173.72	6.23	-2.13	-5.85
8,510.00	90.40	120.00	7,154.98	-1,205.11	-1,501.28	-85.49	3.38	1.38	3.09
8,605.00	89.80	116.40	7,154.81	-1,250.00	-1,417.57	3.48	3.84	-0.63	-3.79
8,699.00	89.00	116.50	7,155.80	-1,291.86	-1,333.41	90.48	0.86	-0.85	0.11
8,793.00	89.50	122.10	7,157.03	-1,337.84	-1,251.48	179.10	5.98	0.53	5.96
8,887.00	89.50	128.00	7,157.85	-1,391.80	-1,174.56	270.40	6.28	0.00	6.28
8,982.00	89.60	129.00	7,158.60	-1,450.94	-1,100.22	363.89	1.06	0.11	1.05
9,076.00	89.90	129.60	7,159.01	-1,510.47	-1,027.48	456.63	0.71	0.32	0.64
9,170.00	89.80	128.30	7,159.25	-1,569.57	-954.38	549.27	1.39	-0.11	-1.38
9,264.00	89.60	124.90	7,159.74	-1,625.60	-878.92	641.17	3.62	-0.21	-3.62
9,359.00	89.50	124.60	7,160.49	-1,679.75	-800.87	733.36	0.33	-0.11	-0.32
9,453.00	89.90	126.00	7,160.98	-1,734.07	-724.15	824.80	1.55	0.43	1.49
9,547.00	89.50	126.40	7,161.48	-1,789.58	-648.30	916.57	0.60	-0.43	0.43
9,642.00	90.30	128.20	7,161.64	-1,847.15	-572.74	1,009.69	2.07	0.84	1.89
9,736.00	87.30	123.40	7,163.61	-1,902.10	-496.54	1,101.26	6.02	-3.19	-5.11
9,830.00	87.60	123.00	7,167.79	-1,953.52	-417.97	1,191.75	0.53	0.32	-0.43
9,925.00	87.60	122.80	7,171.77	-2,005.08	-338.27	1,283.08	0.21	0.00	-0.21
10,019.00	87.70	124.60	7,175.63	-2,057.19	-260.14	1,373.80	1.92	0.11	1.91
10,113.00	91.20	126.60	7,176.53	-2,111.89	-183.73	1,465.33	4.29	3.72	2.13
10,207.00	91.70	126.00	7,174.15	-2,167.52	-107.99	1,557.11	0.83	0.53	-0.64
10,302.00	88.20	122.50	7,174.23	-2,220.97	-29.49	1,649.07	5.21	-3.68	-3.68
10,396.00	88.60	124.70	7,176.86	-2,272.97	48.77	1,739.79	2.38	0.43	2.34
10,490.00	89.00	124.80	7,178.83	-2,326.54	125.98	1,830.99	0.44	0.43	0.11
10,521.00	88.60	124.70	7,179.48	-2,344.20	151.45	1,861.07	1.33	-1.29	-0.32
10,553.00	89.20	124.40	7,180.09	-2,362.35	177.80	1,892.10	2.10	1.88	-0.94
10,584.00	90.80	126.30	7,180.09	-2,380.28	203.08	1,922.26	8.01	5.16	6.13
10,615.00	92.00	125.80	7,179.33	-2,398.52	228.14	1,952.49	4.19	3.87	-1.61
10,647.00	92.30	124.30	7,178.13	-2,416.88	254.32	1,983.57	4.78	0.94	-4.69
10,678.00	92.80	124.60	7,176.75	-2,434.40	279.85	2,013.58	1.88	1.61	0.97
10,772.00	90.00	123.30	7,174.46	-2,486.88	357.80	2,104.45	3.28	-2.98	-1.38
10,866.00	90.10	123.60	7,174.37	-2,538.69	436.23	2,195.14	0.34	0.11	0.32
10,961.00	90.10	122.80	7,174.21	-2,590.71	515.72	2,286.68	0.84	0.00	-0.84
11,010.00	89.00	119.50	7,174.59	-2,616.05	557.65	2,333.39	7.10	2.24	-6.73
11,100.00	92.40	123.10	7,173.49	-2,662.79	634.52	2,419.24	5.50	3.78	4.00
11,190.00	92.10	124.40	7,169.96	-2,712.75	709.29	2,506.12	1.48	-0.33	1.44
11,280.00	92.00	124.70	7,166.74	-2,763.76	783.37	2,593.34	0.35	-0.11	0.33
11,374.00	92.10	123.90	7,163.38	-2,816.69	860.97	2,684.33	0.86	0.11	0.85
11,468.00	90.60	123.40	7,161.16	-2,868.76	939.20	2,775.07	1.68	-1.60	-0.53
11,562.00	89.80	121.10	7,160.83	-2,918.92	1,018.69	2,865.22	2.59	0.85	2.45

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Company:	Trans Energy Inc.	Local Co-ordinate Reference:	Well 8H
Project:	Wetzel County, West Virginia (NAD 83)	TVD Reference:	WELL @ 1032.00usft (H&P 285)
Site:	Anderson	MD Reference:	WELL @ 1032.00usft (H&P 285)
Well:	8H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000 Conroe Server

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
11,656.00	88.80	123.30	7,161.98	-2,969.00	1,098.22	2,955.33	2.57	-1.06	2.34
11,751.00	89.50	124.40	7,163.39	-3,021.91	1,177.11	3,047.15	1.37	0.74	1.16
11,845.00	88.70	124.90	7,164.87	-3,075.35	1,254.43	3,138.32	1.00	-0.85	0.53
11,939.00	89.40	125.80	7,166.43	-3,129.73	1,331.08	3,229.77	1.21	0.74	0.96
12,033.00	88.40	125.00	7,168.23	-3,184.17	1,407.69	3,321.23	1.36	-1.06	-0.85
12,127.00	89.50	124.20	7,169.95	-3,237.54	1,485.05	3,412.38	1.45	1.17	-0.85
12,222.00	90.50	125.00	7,169.95	-3,291.48	1,563.25	3,504.52	1.35	1.05	0.84
12,316.00	91.60	125.80	7,168.23	-3,345.92	1,639.85	3,595.98	1.45	1.17	0.85
12,386.00	90.30	124.40	7,167.07	-3,386.17	1,697.11	3,664.00	2.73	-1.86	-2.00
12,480.00	90.60	123.00	7,166.33	-3,438.32	1,775.31	3,754.79	1.52	0.32	-1.49
12,575.00	92.10	123.70	7,164.10	-3,490.53	1,854.64	3,846.38	1.74	1.58	0.74
12,669.00	89.50	122.90	7,162.78	-3,542.13	1,933.20	3,936.98	2.89	-2.77	-0.85
12,763.00	90.50	126.20	7,162.78	-3,595.43	2,010.61	4,028.12	3.67	1.06	3.51
12,858.00	92.40	128.60	7,160.38	-3,653.10	2,086.04	4,121.24	3.22	2.00	2.53
12,952.00	90.30	129.10	7,158.16	-3,712.05	2,159.22	4,213.82	2.30	-2.23	0.53
13,046.00	91.70	129.10	7,156.52	-3,771.32	2,232.16	4,306.49	1.49	1.49	0.00
13,140.00	93.10	127.30	7,152.59	-3,829.40	2,305.96	4,398.83	2.42	1.49	-1.91
13,235.00	92.40	124.00	7,148.03	-3,884.69	2,383.06	4,491.25	3.55	-0.74	-3.47
13,329.00	91.90	123.90	7,144.50	-3,937.15	2,460.98	4,582.09	0.54	-0.53	-0.11
13,423.00	89.10	121.40	7,143.68	-3,987.85	2,540.11	4,672.41	3.99	-2.98	-2.66
13,517.00	89.10	119.60	7,145.16	-4,035.55	2,621.09	4,761.69	1.91	0.00	-1.91
13,611.00	90.40	119.10	7,145.57	-4,081.63	2,703.02	4,850.38	1.48	1.38	-0.53
13,706.00	91.60	123.10	7,143.91	-4,130.68	2,784.33	4,940.89	4.40	1.26	4.21
13,800.00	92.30	122.10	7,140.71	-4,181.29	2,863.48	5,031.15	1.30	0.74	-1.06
13,894.00	88.40	123.00	7,140.14	-4,231.86	2,942.69	5,121.42	4.26	-4.15	0.96
13,988.00	89.40	122.60	7,141.94	-4,282.77	3,021.69	5,211.81	1.15	1.06	-0.43
14,083.00	90.10	123.70	7,142.36	-4,334.72	3,101.23	5,303.33	1.37	0.74	1.16
14,177.00	92.00	123.70	7,140.63	-4,386.86	3,179.41	5,394.11	2.02	2.02	0.00
14,271.00	91.50	123.40	7,137.76	-4,438.79	3,257.72	5,484.80	0.62	-0.53	-0.32
14,365.00	89.10	122.00	7,137.27	-4,489.56	3,336.81	5,575.15	2.96	-2.55	-1.49
14,460.00	91.60	122.50	7,136.69	-4,540.25	3,417.14	5,666.25	2.68	2.63	0.53
14,554.00	89.40	118.60	7,135.87	-4,588.02	3,498.07	5,755.55	4.76	-2.34	-4.15
14,648.00	90.70	120.00	7,135.79	-4,634.01	3,580.04	5,844.20	2.03	1.38	1.49
14,742.00	90.30	120.10	7,134.97	-4,681.08	3,661.41	5,933.26	0.44	-0.43	0.11
14,837.00	87.50	119.70	7,136.79	-4,728.43	3,743.74	6,023.17	2.98	-2.95	-0.42
14,931.00	86.80	119.10	7,141.46	-4,774.51	3,825.53	6,111.78	0.98	-0.74	-0.64
15,025.00	89.70	120.70	7,144.34	-4,821.34	3,906.97	6,200.71	3.52	3.09	1.70
15,120.00	90.60	121.80	7,144.09	-4,870.63	3,988.18	6,291.33	1.50	0.95	1.16
15,214.00	92.80	122.20	7,141.30	-4,920.41	4,067.86	6,381.32	2.38	2.34	0.43
15,309.00	94.40	122.90	7,135.33	-4,971.42	4,147.78	6,472.39	1.84	1.68	0.74
15,403.00	93.30	122.30	7,129.02	-5,021.95	4,226.79	6,562.50	1.33	-1.17	-0.64
15,497.00	93.60	122.20	7,123.36	-5,072.02	4,306.14	6,652.49	0.34	0.32	-0.11
15,592.00	92.80	122.20	7,118.06	-5,122.57	4,386.40	6,743.43	0.84	0.84	0.60
15,686.00	92.10	122.50	7,114.04	-5,172.82	4,465.74	6,833.55	0.81	0.74	0.32

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Company:	Trans Energy Inc.	Local Co-ordinate Reference:	Well 8H
Project:	Wetzel County, West Virginia (NAD 83)	TVD Reference:	WELL @ 1032.00usft (H&P 285)
Site:	Anderson	MD Reference:	WELL @ 1032.00usft (H&P 285)
Well:	8H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000 Conroe Server

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
15,781.00	92.60	124.40	7,110.15	-5,225.14	4,544.93	6,925.12	2.07	0.53	2.00	
15,875.00	92.50	124.80	7,105.97	-5,278.46	4,622.23	7,016.20	0.44	-0.11	0.43	
15,969.00	93.30	125.10	7,101.21	-5,332.24	4,699.18	7,107.39	0.91	0.85	0.32	
16,063.00	93.10	125.20	7,095.96	-5,386.27	4,775.92	7,198.63	0.24	-0.21	0.11	
16,158.00	93.80	125.50	7,090.25	-5,441.14	4,853.26	7,290.89	0.80	0.74	0.32	
16,254.00	93.80	125.50	7,083.88	-5,496.76	4,931.25	7,384.15	0.00	0.00	0.00	
Projection to TD - 16254.00' MD										

Survey Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
16,254.00	7,083.88	-5,496.76	4,931.25	Projection to TD - 16254.00' MD	

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