

Unrecorded

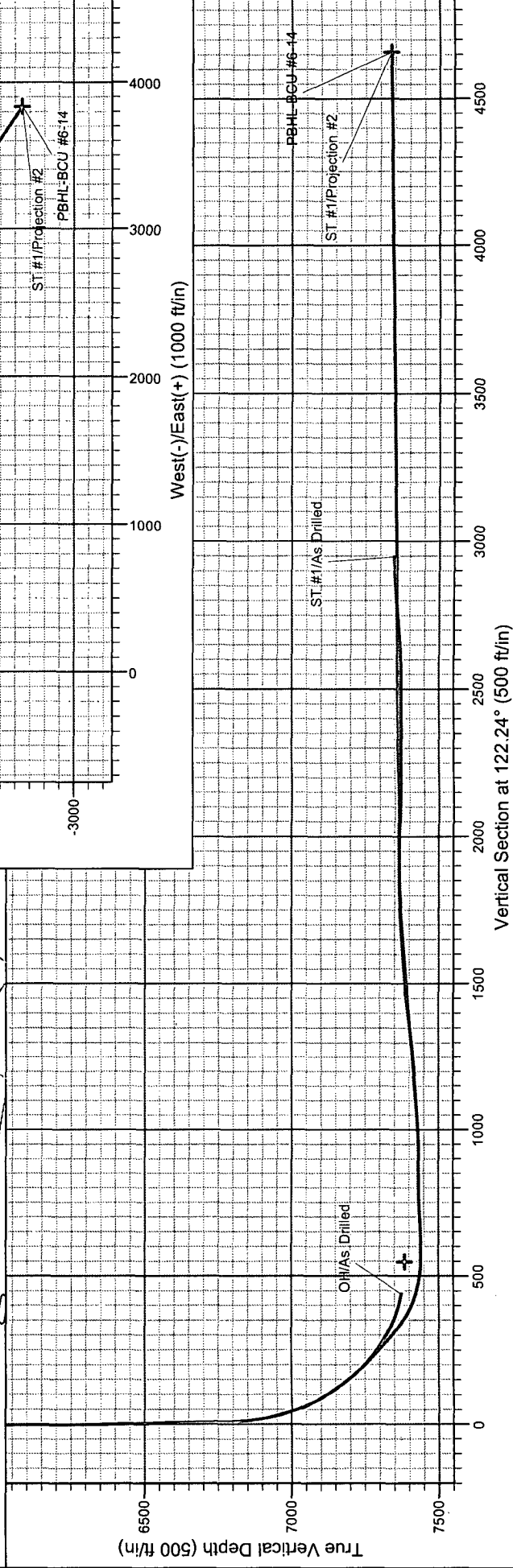
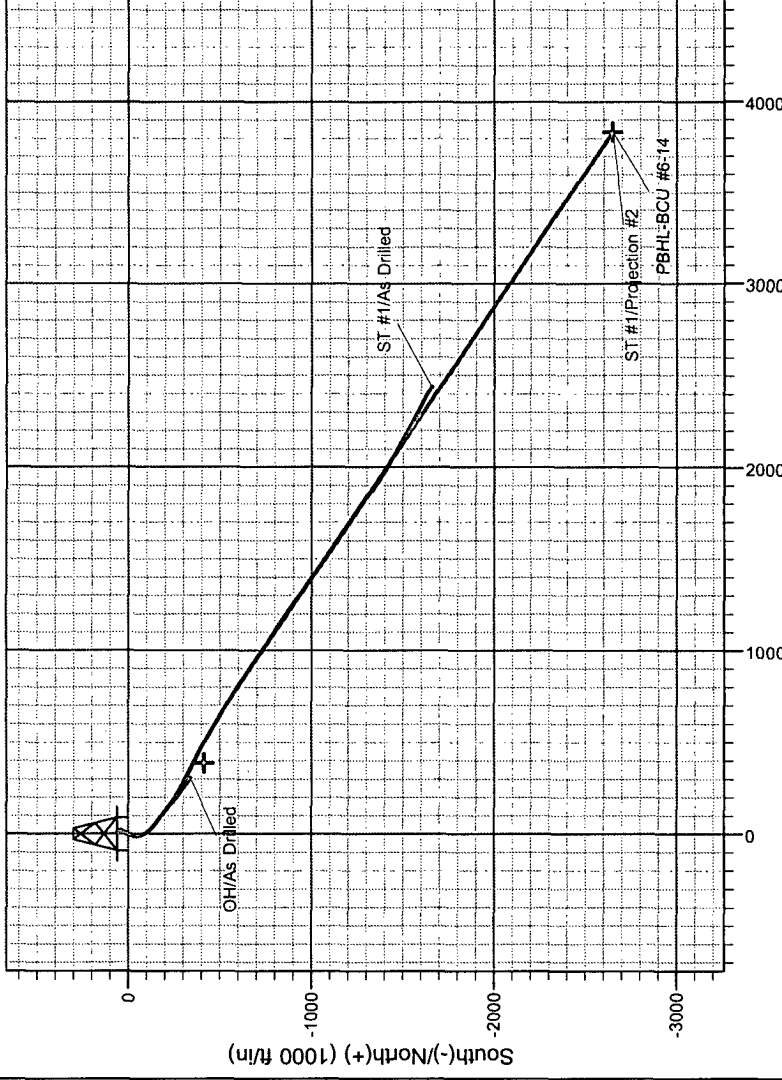
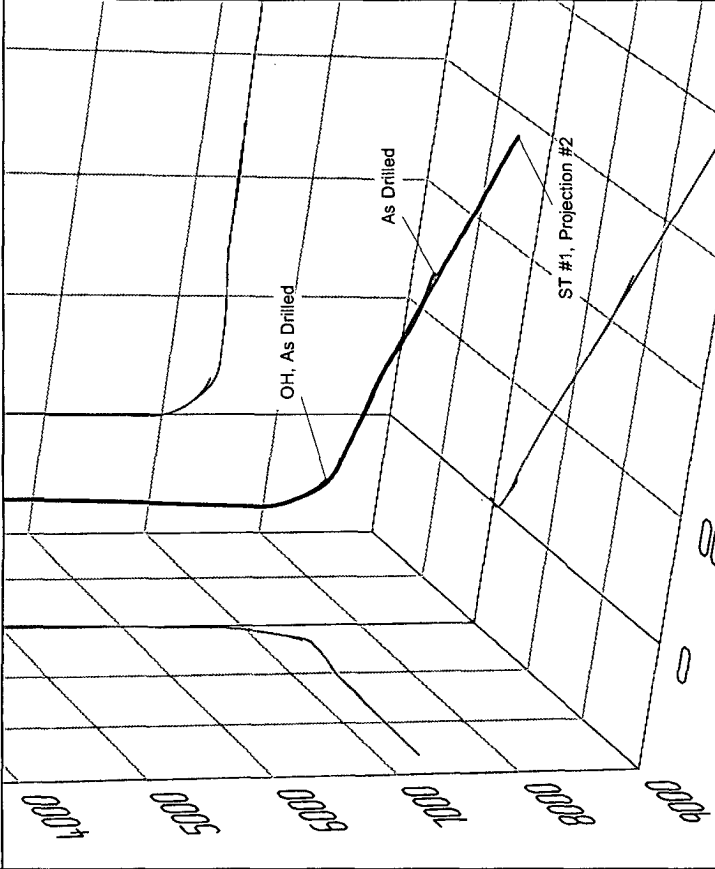
Project: Rio Arriba County, NM (NAD83 NME)
Site: Bear Canyon Unit #6-14
Well: Bear Canyon Unit #6-14
Wellbore: ST #1
Design: As Drilled



ENERVEST

WELL DETAILS: Bear Canyon Unit #6-14

+N/-S	+E/-W	Northing	Latitude	Longitude	Slot
0.0	0.0	1998997.58	36° 29' 28.409 N	107° 1' 34.571 W	



Company:	Enervest Operating, LLC	Local Co-ordinate Reference:	Well Bear Canyon Unit #6-14
Project:	Rio Arriba County, NM (NAD83 NME)	TVD Reference:	KB Elev. @ 7400.0ft (12 ft KB)
Site:	Bear Canyon Unit #6-14	MD Reference:	KB Elev. @ 7400.0ft (12 ft KB)
Well:	Bear Canyon Unit #6-14	North Reference:	Grid
Wellbore:	ST #1	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	EDM 5000:1 Single User Db

Project	Rio Arriba County, NM (NAD83 NME)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Central Zone		Using geodetic scale factor

Site:	Bear Canyon Unit #6-14		
Site Position:		Northing:	1,998,997.59 usft
From:	Lat/Long	Easting:	1,412,239.99 usft
Position Uncertainty:	0.0 ft	Slot Radius:	13-3/16 "
		Latitude:	36° 29' 28.409 N
		Longitude:	107° 1' 34.571 W
		Grid Convergence:	-0.46 °

Well	Bear Canyon Unit #6-14		
Well Position	+N/-S	0.0 ft	Northing: 1,998,997.59 usft
	+E/-W	0.0 ft	Easting: 1,412,239.99 usft
Position Uncertainty	0.0 ft	Wellhead Elevation:	7,400.0 ft
		Latitude:	36° 29' 28.409 N
		Longitude:	107° 1' 34.571 W
		Ground Level:	7,384.0 ft

Wellbore	ST #1		
Magnetics	Model Name	Sample Date	Declination
	IGRF200510	7/6/2010	9.65
			63.43
			50,808

Design	As Drilled		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	7,292.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(ft)	(ft)	(ft)
	0.0	0.0	0.0
			122.24

Survey Program	Date 9/2/2010		
From	To	Survey (Wellbore)	Tool Name
(ft)	(ft)		
100.0	4,000.0	SDI Gyro (OH)	Standard Keeper 103
4,058.0	7,292.0	SDI MWD (OH)	SDI MWD
7,292.0	10,125.0	SDI MWD (ST #1)	SDI MWD
			Description
			Standard Wireline Keeper ver 1.0.3
			SDI MWD - Standard ver 1.0.1
			SDI MWD - Standard ver 1.0.1

Survey										
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Vertical	Dogleg	Build	Turn	
Depth	(°)	(°)	Depth	(ft)	(ft)	Section	Rate	Rate	Rate	
(ft)			(ft)			(ft)	(°/100usft)	(°/100usft)	(°/100usft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
100.0	0.38	19.86	100.0	0.3	0.1	-0.1	0.38	0.38	0.00	
200.0	0.08	62.11	200.0	0.7	0.3	-0.1	0.33	-0.30	42.25	
300.0	0.18	44.22	300.0	0.8	0.5	0.0	0.11	0.10	-17.89	
400.0	0.24	32.02	400.0	1.1	0.7	0.0	0.07	0.06	-12.20	
500.0	0.44	37.53	500.0	1.6	1.0	0.0	0.20	0.20	5.51	
600.0	0.77	24.67	600.0	2.5	1.5	0.0	0.35	0.33	-12.86	
700.0	1.05	22.27	700.0	3.9	2.2	-0.3	0.28	0.28	-2.40	
800.0	1.41	25.70	800.0	5.9	3.0	-0.6	0.37	0.36	3.43	

Company:	Enervest Operating, LLC	Local Co-ordinate Reference:	Well Bear Canyon Unit #6-14
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Site:	Bear Canyon Unit #6-14	MD Reference:	KB Elev. @ 7400.0ft (12 ft KB)
Well:	Bear Canyon Unit #6-14	North Reference:	Grid
Wellbore:	ST #1	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	EDM 5000.1 Single User.Db

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
900.0	1.62	25.54	899.9	8.3	4.2	-0.9	0.21	0.21	-0.16	
1,000.0	1.49	31.55	999.9	10.7	5.5	-1.1	0.21	-0.13	6.01	
1,100.0	1.59	26.47	1,099.8	13.0	6.8	-1.2	0.17	0.10	-5.08	
1,200.0	1.50	19.08	1,199.8	15.5	7.8	-1.7	0.22	-0.09	-7.39	
1,300.0	1.19	23.46	1,299.8	17.7	8.7	-2.1	0.33	-0.31	4.38	
1,400.0	1.36	14.24	1,399.8	19.8	9.4	-2.6	0.27	0.17	-9.22	
1,500.0	0.99	35.32	1,499.7	21.6	10.2	-3.0	0.56	-0.37	21.08	
1,600.0	1.36	24.02	1,599.7	23.4	11.1	-3.1	0.43	0.37	-11.30	
1,700.0	2.02	25.80	1,699.7	26.1	12.4	-3.4	0.66	0.66	1.78	
1,800.0	2.07	28.01	1,799.6	29.3	14.0	-3.8	0.09	0.05	2.21	
1,900.0	1.94	23.30	1,899.5	32.4	15.5	-4.2	0.21	-0.13	-4.71	
2,000.0	1.24	32.02	1,999.5	34.9	16.8	-4.4	0.74	-0.70	8.72	
2,100.0	1.40	18.29	2,099.5	37.0	17.7	-4.7	0.35	0.16	-13.73	
2,200.0	1.25	14.70	2,199.5	39.2	18.4	-5.4	0.17	-0.15	-3.59	
2,300.0	0.81	8.16	2,299.4	41.0	18.8	-6.0	0.45	-0.44	-6.54	
2,400.0	0.77	0.05	2,399.4	42.3	18.9	-6.6	0.12	-0.04	-8.11	
2,500.0	0.88	5.38	2,499.4	43.8	18.9	-7.3	0.13	0.11	5.33	
2,600.0	0.76	6.06	2,599.4	45.2	19.1	-8.0	0.12	-0.12	0.68	
2,700.0	0.96	346.43	2,699.4	46.7	19.0	-8.9	0.35	0.20	-19.63	
2,800.0	0.74	339.48	2,799.4	48.1	18.5	-10.0	0.24	-0.22	-6.95	
2,900.0	0.68	338.03	2,899.4	49.2	18.1	-11.0	0.06	-0.06	-1.45	
3,000.0	0.66	327.97	2,999.4	50.3	17.6	-12.0	0.12	-0.02	-10.06	
3,100.0	0.57	317.80	3,099.4	51.1	16.9	-13.0	0.14	-0.09	-10.17	
3,200.0	0.47	321.44	3,199.4	51.8	16.3	-13.8	0.11	-0.10	3.64	
3,300.0	0.92	331.91	3,299.4	52.9	15.7	-14.9	0.47	0.45	10.47	
3,400.0	0.58	325.04	3,399.3	54.0	15.0	-16.1	0.35	-0.34	-6.87	
3,500.0	0.39	337.26	3,499.3	54.7	14.6	-16.8	0.22	-0.19	12.22	
3,600.0	0.65	297.58	3,599.3	55.3	14.0	-17.7	0.43	0.26	-39.68	
3,700.0	0.48	293.18	3,699.3	55.7	13.1	-18.7	0.18	-0.17	-4.40	
3,800.0	0.45	291.91	3,799.3	56.0	12.3	-19.5	0.03	-0.03	-1.27	
3,900.0	0.30	177.79	3,899.3	55.9	12.0	-19.7	0.63	-0.15	-114.12	
4,000.0	0.43	290.62	3,999.3	55.8	11.6	-19.9	0.61	0.13	112.83	
4,058.0	0.88	182.64	4,057.3	55.4	11.4	-19.9	1.88	0.78	-186.17	
4,153.0	1.24	167.95	4,152.3	53.7	11.6	-18.8	0.47	0.38	-15.46	
4,281.0	1.67	171.38	4,280.3	50.5	12.2	-16.6	0.34	0.34	2.68	
4,408.0	1.17	167.79	4,407.2	47.4	12.7	-14.5	0.40	-0.39	-2.83	
4,535.0	0.92	173.53	4,534.2	45.1	13.1	-13.0	0.21	-0.20	4.52	
4,662.0	0.96	184.31	4,661.2	43.0	13.1	-11.8	0.14	0.03	8.49	
4,789.0	1.06	188.89	4,788.2	40.8	12.9	-10.9	0.10	0.08	3.61	
4,917.0	1.04	185.68	4,916.1	38.5	12.6	-9.9	0.05	-0.02	-2.51	
5,043.0	0.99	189.55	5,042.1	36.3	12.3	-9.0	0.07	-0.04	3.07	
5,168.0	1.22	199.66	5,167.1	33.9	11.7	-8.2	0.24	0.18	8.09	
5,294.0	1.34	201.67	5,293.1	31.3	10.7	-7.7	0.10	0.10	1.60	

Company:	Enervest Operating, LLC	Local Co-ordinate Reference:	Well Bear Canyon Unit #6-14
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Site:	Bear Canyon Unit #6-14	MD Reference:	KB Elev. @ 7400.0ft (12 ft KB)
Well:	Bear Canyon Unit #6-14	North Reference:	Grid
Wellbore:	ST #1	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	EDM 5000.1 Single User Db

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,418.0	1.69	198.73	5,417.0	28.2	9.5	-7.0	0.29	0.28	-2.37
5,544.0	2.08	208.28	5,543.0	24.5	7.9	-6.4	0.40	0.31	7.58
5,670.0	2.89	202.17	5,668.8	19.5	5.6	-5.7	0.68	0.64	-4.85
5,795.0	3.82	209.29	5,793.6	13.0	2.4	-4.9	0.81	0.74	5.70
5,920.0	3.13	207.11	5,918.4	6.3	-1.2	-4.4	0.56	-0.55	-1.74
6,045.0	2.96	208.19	6,043.2	0.4	-4.3	-3.9	0.14	-0.14	0.86
6,170.0	2.69	202.40	6,168.1	-5.2	-7.0	-3.1	0.31	-0.22	-4.63
6,296.0	2.33	198.21	6,293.9	-10.3	-8.9	-2.0	0.32	-0.29	-3.33
6,421.0	2.59	191.58	6,418.8	-15.5	-10.3	-0.4	0.31	0.21	-5.30
6,547.0	3.73	181.49	6,544.6	-22.4	-10.9	2.7	1.00	0.90	-8.01
6,672.0	3.67	211.51	6,669.4	-29.9	-13.1	4.8	1.53	-0.05	24.02
6,734.0	3.84	187.48	6,731.3	-33.6	-14.4	5.7	2.53	0.27	-38.76
6,765.0	4.38	198.73	6,762.2	-35.8	-14.9	6.4	3.12	1.74	36.29
6,796.0	4.71	192.20	6,793.1	-38.1	-15.6	7.1	1.98	1.06	-21.06
6,827.0	6.93	181.75	6,823.9	-41.2	-15.9	8.5	7.91	7.16	-33.71
6,859.0	9.86	172.76	6,855.6	-45.9	-15.6	11.3	10.01	9.16	-28.09
6,889.0	13.01	170.77	6,885.0	-51.8	-14.8	15.1	10.58	10.50	-6.63
6,915.0	15.11	167.54	6,910.2	-58.0	-13.6	19.4	8.62	8.08	-12.42
6,947.0	17.87	165.62	6,940.9	-66.8	-11.5	26.0	8.79	8.63	-6.00
6,978.0	19.90	162.10	6,970.2	-76.4	-8.6	33.5	7.51	6.55	-11.35
7,010.0	21.33	156.43	7,000.2	-87.0	-4.6	42.5	7.67	4.47	-17.72
7,041.0	23.39	149.63	7,028.8	-97.4	0.7	52.6	10.66	6.65	-21.94
7,072.0	25.79	141.72	7,057.0	-108.0	8.0	64.4	13.13	7.74	-25.52
7,104.0	28.29	138.86	7,085.5	-119.2	17.3	78.2	8.80	7.81	-8.94
7,136.0	30.63	133.23	7,113.4	-130.5	28.2	93.5	11.32	7.31	-17.59
7,167.0	32.42	130.24	7,139.8	-141.3	40.3	109.5	7.67	5.77	-9.65
7,199.0	35.28	127.14	7,166.4	-152.4	54.3	127.2	10.44	8.94	-9.69
7,230.0	38.33	124.84	7,191.2	-163.3	69.3	145.7	10.79	9.84	-7.42
7,261.0	41.10	126.49	7,215.1	-174.9	85.4	165.5	9.56	8.94	5.32
7,292.0	44.34	127.25	7,237.8	-187.5	102.2	186.5	10.58	10.45	2.45
7,433.0	49.65	124.55	7,334.0	-247.8	185.7	289.3	4.02	3.77	-1.91
7,465.0	51.25	120.20	7,354.4	-261.0	206.6	314.0	11.61	5.00	-13.59
7,497.0	54.12	118.35	7,373.8	-273.5	228.8	339.4	10.08	8.97	-5.78
7,529.0	59.53	117.32	7,391.3	-286.0	252.5	366.1	17.12	16.91	-3.22
7,561.0	65.41	117.39	7,406.0	-299.0	277.6	394.3	18.38	18.38	0.22
7,592.0	70.92	118.37	7,417.6	-312.5	303.1	423.0	18.01	17.77	3.16
7,626.0	75.84	117.29	7,427.3	-327.7	331.9	455.5	14.79	14.47	-3.18
7,660.0	79.81	118.28	7,434.5	-343.1	361.3	488.6	12.02	11.68	2.91
7,692.0	83.81	117.89	7,439.0	-358.1	389.2	520.2	12.56	12.50	-1.22
7,724.0	88.14	117.16	7,441.3	-372.8	417.5	552.0	13.72	13.53	-2.28
7,756.0	91.45	117.40	7,441.4	-387.5	445.9	583.9	10.37	10.34	0.75
7,788.0	91.48	118.82	7,440.6	-402.5	474.2	615.8	4.44	0.09	4.44
7,820.0	93.22	120.34	7,439.3	-418.3	502.0	647.7	7.22	5.44	4.75

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Wellbore:	ST #1	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	EDM 5000.1 Single User Db

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
7,851.0	93.09	119.90	7,437.5	-433.8	528.7	678.7	1.48	-0.42	-1.42
7,883.0	92.57	122.02	7,436.0	-450.3	556.1	710.6	6.81	-1.63	6.63
7,915.0	91.37	121.62	7,434.9	-467.2	583.3	742.6	3.95	-3.75	-1.25
7,946.0	90.97	120.34	7,434.2	-483.1	609.9	773.6	4.33	-1.29	-4.13
7,978.0	90.87	120.85	7,433.7	-499.4	637.4	805.6	1.62	-0.31	1.59
8,010.0	90.97	120.36	7,433.2	-515.7	665.0	837.5	1.56	0.31	-1.53
8,042.0	90.40	119.43	7,432.8	-531.6	692.7	869.5	3.41	-1.78	-2.91
8,075.0	90.67	121.17	7,432.5	-548.3	721.2	902.5	5.34	0.82	5.27
8,106.0	90.30	122.15	7,432.3	-564.5	747.6	933.5	3.38	-1.19	3.16
8,137.0	91.71	121.71	7,431.7	-580.9	773.9	964.5	4.76	4.55	-1.42
8,169.0	93.96	122.79	7,430.1	-598.0	800.9	996.4	7.80	7.03	3.38
8,201.0	93.56	124.29	7,428.0	-615.6	827.5	1,028.4	4.84	-1.25	4.69
8,233.0	93.56	124.61	7,426.0	-633.7	853.9	1,060.3	1.00	0.00	1.00
8,266.0	93.29	122.92	7,424.1	-652.0	881.3	1,093.2	5.18	-0.82	-5.12
8,298.0	92.76	123.07	7,422.4	-669.4	908.1	1,125.2	1.72	-1.66	0.47
8,330.0	93.97	124.43	7,420.5	-687.2	934.6	1,157.1	5.68	3.78	4.25
8,362.0	93.88	124.78	7,418.3	-705.3	960.9	1,189.0	1.13	-0.28	1.09
8,394.0	95.26	124.39	7,415.8	-723.4	987.2	1,220.9	4.48	4.31	-1.22
8,425.0	95.17	124.69	7,412.9	-740.9	1,012.6	1,251.7	1.01	-0.29	0.97
8,458.0	95.62	123.96	7,409.8	-759.4	1,039.7	1,284.5	2.59	1.36	-2.21
8,488.0	95.99	123.87	7,406.8	-776.1	1,064.5	1,314.4	1.27	1.23	-0.30
8,520.0	96.42	122.46	7,403.3	-793.5	1,091.1	1,346.2	4.58	1.34	-4.41
8,552.0	96.65	123.09	7,399.7	-810.7	1,117.8	1,378.0	2.08	0.72	1.97
8,583.0	96.97	123.34	7,396.0	-827.6	1,143.6	1,408.7	1.31	1.03	0.81
8,615.0	97.02	123.58	7,392.1	-845.1	1,170.1	1,440.5	0.76	0.16	0.75
8,646.0	95.23	126.00	7,388.8	-862.6	1,195.4	1,471.3	9.67	-5.77	7.81
8,678.0	93.93	126.21	7,386.3	-881.4	1,221.2	1,503.1	4.11	-4.06	0.66
8,710.0	94.61	124.27	7,383.9	-899.9	1,247.2	1,535.0	6.41	2.13	-6.06
8,741.0	93.97	124.36	7,381.6	-917.3	1,272.8	1,565.9	2.08	-2.06	0.29
8,772.0	94.11	123.17	7,379.4	-934.5	1,298.5	1,596.8	3.86	0.45	-3.84
8,803.0	93.70	124.04	7,377.3	-951.6	1,324.2	1,627.7	3.10	-1.32	2.81
8,835.0	93.57	124.52	7,375.2	-969.6	1,350.6	1,659.6	1.55	-0.41	1.50
8,866.0	93.50	125.63	7,373.3	-987.4	1,375.9	1,690.5	3.58	-0.23	3.58
8,898.0	93.13	126.88	7,371.5	-1,006.2	1,401.7	1,722.4	4.07	-1.16	3.91
8,930.0	92.59	126.53	7,369.9	-1,025.3	1,427.3	1,754.3	2.01	-1.69	-1.09
8,962.0	92.79	125.53	7,368.4	-1,044.1	1,453.2	1,786.1	3.18	0.63	-3.13
8,995.0	90.67	125.61	7,367.4	-1,063.3	1,480.0	1,819.1	6.43	-6.42	0.24
9,027.0	90.17	125.90	7,367.2	-1,082.0	1,506.0	1,851.0	1.81	-1.56	0.91
9,059.0	89.93	125.20	7,367.1	-1,100.6	1,532.0	1,883.0	2.31	-0.75	-2.19
9,091.0	89.97	124.66	7,367.2	-1,119.0	1,558.2	1,914.9	1.69	0.13	-1.69
9,122.0	89.83	124.18	7,367.2	-1,136.5	1,583.8	1,945.9	1.61	-0.45	-1.55
9,154.0	89.63	123.74	7,367.4	-1,154.4	1,610.4	1,977.9	1.51	-0.63	-1.38
9,186.0	89.16	123.66	7,367.7	-1,172.1	1,637.0	2,009.9	1.49	-1.47	-0.25
9,218.0	89.13	122.92	7,368.2	-1,189.7	1,663.7	2,041.9	2.31	-0.09	-2.31

Company:	Enervest Operating, LLC	Local Co-ordinate Reference:	Well Bear Canyon Unit #6-14
Project:	Rio Arriba County, NM (NAD83 NME)	TVD Reference:	KB Elev. @ 7400.0ft (12 ft KB)
Site:	Bear Canyon Unit #6-14	MD Reference:	KB Elev. @ 7400.0ft (12 ft KB)
Well:	Bear Canyon Unit #6-14	North Reference:	Grid
Wellbore:	ST #1	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	EDM 5000.1 Single User Db

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,250.0	88.69	123.87	7,368.8	-1,207.3	1,690.4	2,073.9	3.27	-1.38	2.97
9,282.0	88.39	123.87	7,369.6	-1,225.1	1,717.0	2,105.8	0.94	-0.94	0.00
9,314.0	89.66	123.71	7,370.1	-1,242.9	1,743.6	2,137.8	4.00	3.97	-0.50
9,346.0	89.16	124.53	7,370.5	-1,260.9	1,770.1	2,169.8	3.00	-1.56	2.56
9,378.0	87.95	124.23	7,371.3	-1,278.9	1,796.5	2,201.8	3.90	-3.78	-0.94
9,409.0	89.73	126.13	7,371.9	-1,296.8	1,821.8	2,232.7	8.40	5.74	6.13
9,441.0	90.00	125.12	7,372.0	-1,315.4	1,847.8	2,264.7	3.27	0.84	-3.16
9,475.0	89.60	126.34	7,372.1	-1,335.3	1,875.4	2,298.6	3.78	-1.18	3.59
9,507.0	89.83	124.97	7,372.3	-1,353.9	1,901.4	2,330.5	4.34	0.72	-4.28
9,539.0	89.90	123.59	7,372.3	-1,371.9	1,927.9	2,362.5	4.32	0.22	-4.31
9,571.0	90.34	122.53	7,372.3	-1,389.4	1,954.7	2,394.5	3.59	1.38	-3.31
9,602.0	89.73	120.64	7,372.2	-1,405.6	1,981.1	2,425.5	6.41	-1.97	-6.10
9,634.0	90.00	120.48	7,372.3	-1,421.9	2,008.6	2,457.5	0.98	0.84	-0.50
9,666.0	89.77	119.09	7,372.4	-1,437.8	2,036.4	2,489.5	4.40	-0.72	-4.34
9,700.0	90.10	120.00	7,372.4	-1,454.6	2,066.0	2,523.4	2.85	0.97	2.68
9,732.0	90.10	119.79	7,372.4	-1,470.5	2,093.7	2,555.4	0.66	0.00	-0.66
9,764.0	91.99	118.79	7,371.8	-1,486.2	2,121.6	2,587.3	6.68	5.91	-3.13
9,796.0	94.66	118.86	7,369.9	-1,501.6	2,149.6	2,619.2	8.35	8.34	0.22
9,827.0	94.53	119.75	7,367.4	-1,516.7	2,176.6	2,650.1	2.89	-0.42	2.87
9,859.0	94.56	119.45	7,364.9	-1,532.4	2,204.3	2,682.0	0.94	0.09	-0.94
9,891.0	93.98	119.25	7,362.5	-1,548.1	2,232.1	2,713.8	1.92	-1.81	-0.63
9,923.0	94.15	119.27	7,360.3	-1,563.7	2,260.0	2,745.7	0.53	0.53	0.06
9,955.0	94.23	117.88	7,357.9	-1,579.0	2,288.0	2,777.6	4.34	0.25	-4.34
9,987.0	93.86	118.14	7,355.7	-1,593.9	2,316.2	2,809.4	1.41	-1.16	0.81
10,019.0	94.07	117.10	7,353.5	-1,608.7	2,344.5	2,841.2	3.31	0.66	-3.25
10,050.0	93.75	118.17	7,351.3	-1,623.1	2,371.9	2,872.0	3.59	-1.03	3.45
10,125.0	92.98	120.76	7,346.9	-1,659.9	2,437.0	2,946.8	3.60	-1.03	3.45

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
PBHL-BCU #6-14	0.00	3.94	7,337.0	-2,650.7	3,835.1	1,996,347.00	1,416,074.93	36° 29' 2.502 N	107° 0' 47.350 W
- actual wellpath misses target center by 1713.6ft at 10125.0ft MD (7346.9 TVD, -1659.9 N, 2437.0 E)									
- Point									
Landing PT - BCU #6	0.00	360.00	7,386.6	-416.4	384.3	1,998,581.23	1,412,624.27	36° 29' 24.323 N	107° 1' 29.824 W
- actual wellpath misses target center by 76.5ft at 7710.9ft MD (7440.6 TVD, -366.8 N, 405.8 E)									
- Point									

Checked By: _____ Approved By: _____ Date: _____