

SCIENTIFIC DRILLING INTERNATIONAL

Client :
 Well Name : SANTA FE ENERGY P.G. 4 FEDERAL #1
 Location : EDDY COUNTY, NEW MEXICO
 : SINGLE SHOT SURVEYS TAKEN BY JOE THOMPSON
 : FROM 11411 FT. - 12075 FT.

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 Date
 Filename : PG4FED1
 No Interpolation

MD	INC	DIR	TVD	+N/-S	+E/-W	VS	D'LEG
ft	deg	deg	ft	ft	ft	ft	°/100
4000	2.33	S32.68°E	3998.91	-8.14	39.77	-4.32	0.8
4100	1.92	S21.69°E	4098.84	-11.41	41.49	-7.41	0.6
4168	1.72	S12.89°E	4166.81	-13.46	42.13	-9.39	0.5
4262	1.23	S34.45°E	4260.78	-15.67	43.02	-11.51	0.8
4355	1.39	S34.89°E	4353.75	-17.42	44.23	-13.13	0.2
4449	0.78	S 4.35°E	4447.74	-18.99	44.93	-14.63	0.9
4542	0.49	S 0.89°E	4540.73	-20.02	44.98	-15.65	0.3
4635	0.37	S54.39°W	4633.73	-20.59	44.75	-16.24	0.4
4729	0.31	S40.45°E	4727.73	-20.96	44.66	-16.62	0.5
4822	0.49	S63.95°W	4820.73	-21.33	44.47	-17.00	0.7
4916	0.66	S 1.27°W	4914.72	-22.05	44.10	-17.75	0.7
5009	0.67	S36.64°W	5007.72	-23.02	43.76	-18.75	0.4
5102	0.17	S86.36°W	5100.71	-23.46	43.30	-19.24	0.6
5196	0.05	N79.01°W	5194.71	-23.46	43.12	-19.25	0.1
5289	0.20	S65.98°W	5287.71	-23.52	42.93	-19.33	0.2
5383	0.25	S 7.82°E	5381.71	-23.79	42.81	-19.61	0.3
5476	0.60	S51.41°W	5474.71	-24.30	42.46	-20.15	0.6
5569	0.51	N90.00°W	5567.71	-24.60	41.66	-20.53	0.4
5663	0.70	S29.69°W	5661.70	-25.10	40.96	-21.09	0.7
5756	0.80	N84.63°W	5754.70	-25.53	40.03	-21.61	0.9
5850	0.54	N84.63°W	5848.69	-25.43	38.94	-21.61	0.3
5943	0.77	S85.53°W	5941.69	-25.44	37.83	-21.72	0.3
6127	2.71	N 2.76°E	6125.61	-21.19	36.85	-17.59	1.6
6220	7.02	N 1.72°W	6218.26	-13.31	36.79	-9.75	4.6
6313	8.73	N 7.59°W	6310.38	-0.63	35.69	2.77	2.0
6406	9.58	N 9.66°W	6402.19	13.99	33.46	17.11	1.0
6499	9.85	N10.99°W	6493.86	29.43	30.64	32.21	0.4
6592	10.40	N13.96°W	6585.41	45.39	27.10	47.76	0.8
6685	11.16	N16.66°W	6676.77	62.16	22.49	64.02	1.0
6778	11.68	N18.90°W	6767.93	79.69	16.86	80.93	0.7
6871	12.03	N 5.67°W	6858.96	98.24	12.86	99.02	2.9
6964	14.20	N 8.04°E	6949.55	119.19	13.50	119.93	4.1
7057	15.84	N 7.19°E	7039.37	143.07	16.68	144.01	1.8
7150	17.12	N 4.34°E	7128.55	169.32	19.30	170.39	1.6
7243	18.48	N 2.30°E	7217.10	197.70	20.93	198.79	1.6
7334	19.77	N 0.88°E	7303.08	227.50	21.75	228.53	1.5
7429	20.83	N 1.19°W	7392.17	260.45	21.64	261.33	1.3
7522	21.77	N 4.04°W	7478.82	294.19	20.08	294.76	1.5
7615	21.92	N 4.12°W	7565.14	328.70	17.62	328.89	0.2
7708	21.70	N 4.16°W	7651.49	363.17	15.13	362.96	0.2