

SCIENTIFIC DRILLING INTERNATIONAL

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 Well Name : SANTA FE ENERGY P.G. 4 FEDERAL #1 Date
 Location : EDDY COUNTY, NEW MEXICO Filename : PG4FED1
 : SINGLE SHOT SURVEYS TAKEN BY JOE THOMPSON
 : FROM 11411 FT. - 12075 FT. No Interpolation

MD	INC	DIR	TVD	+N/-S	+E/-W	VS	D'LEG
ft	deg	deg	ft	ft	ft	ft	°/100
7801	21.75 N	4.40°W	7737.88	397.49	12.56	396.89	0.1
7894	21.54 N	5.55°W	7824.33	431.67	9.59	430.62	0.5
7987	21.54 N	7.25°W	7910.83	465.60	5.78	464.03	0.7
8080	21.46 N	8.46°W	7997.36	499.36	1.12	497.20	0.5
8173	21.25 N	9.58°W	8083.98	532.80	-4.19	529.99	0.5
8266	18.68 N	1.11°W	8171.40	564.32	-7.28	561.07	4.2
8359	19.01 N	1.75°E	8259.41	594.36	-7.11	590.98	1.1
8452	18.23 N	9.46°E	8347.56	623.85	-4.25	620.61	2.8
8545	20.63 N	8.84°E	8435.26	654.39	0.66	651.48	2.6
8638	21.03 N	8.48°E	8522.18	687.08	5.64	684.50	0.5
8731	19.97 N	7.58°E	8609.29	719.33	10.19	717.04	1.2
8824	18.89 N	7.61°E	8696.99	750.00	14.28	747.95	1.2
8917	17.48 N	5.86°E	8785.34	778.81	17.70	776.97	1.6
9010	17.13 N	4.61°E	8874.13	806.36	20.23	804.63	0.5
9103	18.08 N	5.37°E	8962.78	834.38	22.68	832.75	1.1
9289	20.28 N	15.50°E	9138.49	894.20	34.00	893.38	2.1
9382	23.82 N	17.81°E	9224.67	927.63	44.05	927.61	3.9
9475	24.80 N	18.47°E	9309.43	964.01	55.98	964.96	1.1
9568	25.37 N	17.06°E	9393.66	1001.55	68.00	1003.48	0.9
9661	25.48 N	14.56°E	9477.65	1039.96	78.88	1042.75	1.2
9754	24.98 N	12.59°E	9561.78	1078.49	88.18	1081.99	1.1
9847	24.07 N	11.13°E	9646.39	1116.27	96.13	1120.35	1.2
9940	23.66 N	11.18°E	9731.44	1153.18	103.41	1157.79	0.4
10033	22.77 N	11.19°E	9816.91	1189.14	110.52	1194.26	1.0
10126	22.04 N	11.32°E	9902.89	1223.91	117.43	1229.53	0.8
10219	22.27 N	11.42°E	9989.02	1258.29	124.35	1264.41	0.3
10312	22.49 N	11.53°E	10075.02	1292.99	131.39	1299.63	0.2
10405	22.72 N	11.46°E	10160.87	1328.02	138.52	1335.18	0.2
10498	22.68 N	11.10°E	10246.67	1363.22	145.54	1370.88	0.2
10591	22.71 N	10.96°E	10332.47	1398.44	152.40	1406.59	0.1
10684	21.88 N	10.42°E	10418.51	1433.10	158.95	1441.73	0.9
10777	21.11 N	10.81°E	10505.04	1466.60	165.22	1475.67	0.8
10870	20.17 N	10.13°E	10592.08	1498.83	171.19	1508.32	1.0
10963	19.35 N	10.01°E	10679.60	1529.79	176.68	1539.66	0.9
11056	18.23 N	9.91°E	10767.63	1559.33	181.87	1569.56	1.2
11149	17.35 N	10.23°E	10856.17	1587.35	186.84	1597.92	1.0
11242	17.19 N	9.05°E	10944.98	1614.56	191.47	1625.46	0.4
11411	14.00 N	9.00°E	11107.73	1659.43	198.60	1670.80	1.9
11570	11.00 N	8.00°E	11262.95	1693.45	203.72	1705.15	1.9
11765	7.50 N	7.00°E	11455.38	1724.52	207.86	1736.47	1.8