

SCIENTIFIC DRILLING INTERNATIONAL

Company : SANTA FE ENERGY
 Well Name : HARROUN TRUST ''19'' #1-N
 Location : EDDY COUNTY, NM
 SHL :
 BHL :

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 Date 2 DECEMBER 1994
 Filename : HARROUN1

ACTUAL BHL :
 Height Of WELLSITE Datum Above Field Datum 0.00 ft

No Interpolation

MD	INC	DIR	TVD	+N/-S	+E/-W	VS	D'LEG
ft	deg	deg	ft	ft	ft	ft	°/100
8000.0	0.24	S75.58°W	7997.00	-76.79	-17.42	72.61	1.79
8100.0	0.90	N18.01°W	8097.00	-76.10	-17.87	72.31	0.92
8200.0	0.81	N38.32°W	8196.99	-74.80	-18.55	71.64	0.31
8300.0	0.48	N41.83°W	8296.98	-73.93	-19.27	71.36	0.33
8400.0	0.45	N10.70°E	8396.98	-73.23	-19.47	70.91	0.41
8500.0	0.72	N41.72°E	8496.97	-72.38	-18.98	69.93	0.41
8600.0	0.74	N68.31°E	8596.97	-71.67	-17.96	68.76	0.34
8700.0	0.80	S23.17°E	8696.96	-72.07	-17.09	68.58	1.08
8800.0	1.19	S41.30°W	8796.95	-73.50	-17.50	69.98	1.11
8900.0	3.14	S72.98°W	8896.88	-75.08	-20.81	73.18	2.22
9000.0	3.44	S69.27°W	8996.71	-76.94	-26.23	77.85	0.37
9100.0	3.18	S67.62°W	9096.54	-79.06	-31.60	82.70	0.28
9200.0	2.23	S78.41°W	9196.43	-80.51	-36.07	86.48	1.07
9300.0	1.74	S79.85°W	9296.37	-81.17	-39.47	88.99	0.49
9400.0	1.50	S71.54°W	9396.33	-81.85	-42.21	91.13	0.34
9500.0	1.77	S80.08°W	9496.29	-82.53	-44.97	93.29	0.36
9600.0	1.69	S78.06°W	9596.24	-83.10	-47.93	95.48	0.10
9700.0	1.70	S78.23°W	9696.20	-83.71	-50.83	97.66	0.00
9800.0	1.81	S72.00°W	9796.15	-84.50	-53.78	100.02	0.22
9900.0	1.23	S70.47°W	9896.12	-85.34	-56.30	102.17	0.58
10000.0	1.80	S49.54°W	9996.08	-86.72	-58.50	104.57	0.79
10100.0	1.94	S63.93°W	10096.03	-88.49	-61.22	107.59	0.49
10200.0	1.81	S59.75°W	10195.98	-90.02	-64.10	110.52	0.19
10220.0	1.40	S46.91°W	10215.97	-90.35	-64.56	111.04	2.71

Origin of Bottom Hole Closure WELLSITE CENTRE
 Bottom Hole Closure 111 ft S35.55°W