

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS d/100ft	ClsD ft	ClsA deg
5500	0.23	243.44	5499.9	8.7	24.1	-24.1	0.25	25.6	70.25
5600	0.27	204.21	5599.9	8.4	23.8	-23.8	0.17	25.3	70.69
5700	0.13	243.96	5699.9	8.1	23.7	-23.7	0.19	25	71.12
5800	0.36	259.16	5799.9	8	23.2	-23.2	0.24	24.6	71.05
5900	0.37	278.59	5899.9	8	22.6	-22.6	0.12	24	70.58
6000	0.39	298.62	5999.9	8.2	22	-22	0.13	23.5	69.6
6100	0.32	311.5	6099.9	8.5	21.5	-21.5	0.11	23.1	68.35
6200	0.33	12.43	6199.9	9	21.3	-21.3	0.33	23.2	67.14
6300	0.72	69.46	6299.9	9.5	22	-22	0.61	24	66.64
6400	0.72	70.86	6399.9	9.9	23.2	-23.2	0.02	25.2	66.81
6500	0.76	91.09	6499.8	10.1	24.4	-24.4	0.26	26.4	67.5
6600	0.82	94.36	6599.8	10.1	25.8	-25.8	0.08	27.7	68.72
6700	0.71	106.74	6699.8	9.8	27.1	-27.1	0.2	28.8	70.09
6800	0.19	146.65	6799.8	9.5	27.8	-27.8	0.58	29.4	71.13
6900	0.31	205.25	6899.8	9.1	27.8	-27.8	0.27	29.2	71.82
7000	0.41	237.84	6999.8	8.7	27.4	-27.4	0.22	28.7	72.39
7100	0.61	268.28	7099.8	8.5	26.5	-26.5	0.33	27.8	72.27
7200	0.6	255.71	7199.8	8.3	25.5	-25.5	0.13	26.8	71.89
7300	0.57	246.49	7299.8	8	24.5	-24.5	0.1	25.8	71.92
7400	0.6	265.19	7399.8	7.8	23.5	-23.5	0.19	24.8	71.75
7500	0.6	264.68	7499.8	7.7	22.5	-22.5	0.01	23.8	71.18
7600	0.7	280.96	7599.8	7.7	21.4	-21.4	0.21	22.7	70.1
7700	0.78	282.46	7699.8	8	20.1	-20.1	0.08	21.6	68.31
7800	0.81	283.18	7799.8	8.3	18.8	-18.8	0.03	20.5	66.11
7900	0.9	279.81	7899.8	8.6	17.3	-17.3	0.1	19.3	63.55
8000	0.9	281.13	7999.7	8.9	15.7	-15.7	0.02	18.1	60.56
8100	0.78	296.66	8099.7	9.3	14.4	-14.4	0.26	17.1	56.97
8200	0.58	323.5	8199.7	10.1	13.5	-13.5	0.37	16.8	53.24
8300	0.45	321.61	8299.7	10.8	12.9	-12.9	0.13	16.8	50.17
8400	0.52	339.83	8399.7	11.5	12.5	-12.5	0.17	17	47.41
8500	0.37	328.21	8499.7	12.2	12.2	-12.2	0.18	17.2	44.95
8600	0.42	300.39	8599.7	12.7	11.7	-11.7	0.18	17.2	42.72
8700	0.52	298.54	8699.7	13.1	11	-11	0.1	17.1	40.04
8800	0.61	293.29	8799.7	13.5	10.1	-10.1	0.1	16.8	36.79
8900	0.82	296.3	8899.7	14	9	-9	0.21	16.6	32.58
9000	0.7	295.46	8999.7	14.6	7.8	-7.8	0.12	16.5	28
9100	0.93	305.59	9099.7	15.3	6.5	-6.5	0.27	16.7	23.13
9200	0.64	302.89	9199.7	16.1	5.4	-5.4	0.29	17	18.6
9426	0.6	315.2	9425.7	17.6	3.5	-3.5	0.06	18	11.31
9452	0.8	302	9451.7	17.8	3.3	-3.3	0.98	18.1	10.41
9490	1.3	291.3	9489.6	18.1	2.6	-2.6	1.41	18.3	8.32
9521	1.4	291.3	9520.6	18.4	2	-2	0.32	18.5	6.11
9552	2.6	284.8	9551.6	18.7	0.9	-0.9	3.93	18.7	2.86
9583	4.3	276	9582.6	19	-0.9	0.9	5.73	19	357.28
9613	5.8	266.2	9612.4	19	-3.5	3.5	5.75	19.3	349.48
9645	6.5	264.3	9644.3	18.7	-6.9	6.9	2.28	20	339.65
9676	7	267.9	9675	18.5	-10.6	10.6	2.11	21.3	330.21
9708	7.2	265.6	9706.8	18.3	-14.5	14.5	1.09	23.3	321.49
9739	7.7	262.7	9737.5	17.8	-18.5	18.5	2.02	25.7	313.93
9771	8.3	261.3	9769.2	17.2	-22.9	22.9	1.97	28.7	306.91
9801	8.4	261.1	9798.9	16.6	-27.2	27.2	0.35	31.9	301.29
9832	8.1	264.2	9829.6	16	-31.7	31.7	1.73	35.5	296.8
9863	8.6	261.3	9860.3	15.4	-36.1	36.1	2.11	39.3	293.12
9894	9.1	264.8	9890.9	14.8	-40.8	40.8	2.37	43.5	289.97
9925	10.3	262.8	9921.4	14.3	-46	46	4.02	48.2	287.23
9956	10.8	261.2	9951.9	13.5	-51.7	51.7	1.87	53.4	284.63
9988	11.1	262.6	9983.3	12.6	-57.7	57.7	1.25	59	282.35
10019	11.8	261.7	10013.7	11.8	-63.8	63.8	2.33	64.9	280.47
10050	11.8	261.7	10044.1	10.9	-70	70	0	70.9	278.82
10082	12.5	263.6	10075.4	10	-76.7	76.7	2.52	77.4	277.43
10112	12.9	263.2	10104.6	9.3	-83.3	83.3	1.37	83.8	276.34
10221	13	260	10210.8	5.7	-107.4	107.4	0.66	107.6	273.03
10313	11.75	259	10300.7	2.1	-126.8	126.8	1.38	126.8	270.95
10407	11.5	264	10392.8	-0.7	-145.5	145.5	1.1	145.5	269.72
10507	10.5	265	10490.9	-2.5	-164.5	164.5	1.02	164.5	269.11
10665	11	264	10646.2	-5.4	-193.9	193.9	0.34	193.9	268.41
10790	11	262	10768.9	-8.3	-217.5	217.5	0.31	217.7	267.82
10946	11	259	10922	-13.2	-246.9	246.9	0.37	247.2	266.94
11070	11.75	258	11043.6	-18.1	-270.8	270.8	0.63	271.4	266.18
11174	11	253	11145.5	-23.2	-290.7	290.7	1.19	291.6	265.44

Company: SABA ENERGY
Time: 15:09:50 Page: 1
Field: LEA COUNTY, NEW MEXICO
Reference: Site: MORRIS #1, True North
Site: MORRIS #1
Reference: SITE 0.0 above Mean Sea Level
Well: MORRIS #1
Reference: Slot (0.0E,0.0N,270.0Azi)
Wellpath: DIG SRG GYRO 0 - 9200
Culation Method: Minimum Curvature

Date: 8/3/98
Co-ordinate(NE)
Vertical (TVD)
Section (VS)
Survey Cal

SUR: 660/N & 660/W
BAL: 683/N & 369/W
D-8-135-36e
30-025-29247

Annotation

MD	TVD Survey									
MD	Incl	Azim	TVD	N/S	E/W	VS	DLS	ClsD	ClsA	
ft	deg	deg	ft	ft	ft	ft	d/100ft	ft	deg	
0	0	0	0	0	0	0	0	0	0	0
100	0.11	181.11	100	-0.1	0	0	0	0.11	0.1	181.11
200	0.04	332.6	200	-0.2	0	0	0	0.15	0.2	187.01
300	0.03	85.17	300	-0.1	0	0	0	0.06	0.1	184.37
400	0.21	224.1	400	-0.3	-0.1	0.1	0.23	0.3	203.39	
500	0.04	101	500	-0.4	-0.2	0.2	0.23	0.4	207.34	
600	0.15	168.57	600	-0.5	-0.1	0.1	0.14	0.5	195.22	
700	0.15	221.97	700	-0.8	-0.2	0.2	0.13	0.8	195.23	
800	0.13	163.82	800	-1	-0.3	0.3	0.14	1	195.22	
900	0.25	138.11	900	-1.2	-0.1	0.1	0.14	1.2	183.92	
1000	0.17	123.25	1000	-1.5	0.2	-0.2	0.1	1.5	172.85	
1100	0.17	143.04	1100	-1.7	0.4	-0.4	0.06	1.7	166.64	
1200	0.18	140.65	1200	-1.9	0.6	-0.6	0.01	2	162.97	
1300	0.08	26.34	1300	-2	0.7	-0.7	0.23	2.1	160.04	
1400	0.17	85.91	1400	-1.9	0.9	-0.9	0.15	2.1	154.77	
1500	0.2	86.34	1500	-1.9	1.2	-1.2	0.03	2.2	147.06	
1600	0.23	48.21	1600	-1.7	1.5	-1.5	0.14	2.3	138.38	
1700	0.55	56.07	1700	-1.3	2.1	-2.1	0.32	2.5	122.56	
1800	0.42	52.82	1800	-0.8	2.8	-2.8	0.13	2.9	106.91	
1900	0.23	76.66	1900	-0.6	3.3	-3.3	0.23	3.3	100.02	
2000	0.32	83.41	2000	-0.5	3.7	-3.7	0.1	3.8	97.6	
2100	0.3	57.27	2100	-0.3	4.2	-4.2	0.14	4.3	94.39	
2200	0.57	48.82	2200	0.1	4.8	-4.8	0.28	4.8	88.3	
2300	0.53	43.41	2300	0.8	5.5	-5.5	0.07	5.6	81.69	
2400	0.72	40.84	2400	1.6	6.3	-6.3	0.19	6.5	75.49	
2500	0.69	36.79	2500	2.6	7	-7	0.06	7.5	69.87	
2600	0.73	24.27	2600	3.6	7.6	-7.6	0.16	8.5	64.56	
2700	0.78	40.58	2699.9	4.7	8.4	-8.4	0.22	9.6	60.44	
2800	0.61	38.15	2799.9	5.7	9.1	-9.1	0.17	10.7	58.13	
2900	0.4	30.25	2899.9	6.4	9.6	-9.6	0.22	11.6	56.42	
3000	0.31	92.11	2999.9	6.7	10.1	-10.1	0.37	12.1	56.44	
3100	0.19	64.59	3099.9	6.7	10.5	-10.5	0.17	12.5	57.27	
3200	0.44	77.33	3199.9	6.9	11	-11	0.26	13	57.95	
3300	0.53	73.19	3299.9	7.1	11.8	-11.8	0.1	13.8	58.98	
3400	0.47	58.47	3399.9	7.5	12.6	-12.6	0.14	14.7	59.41	
3500	0.6	22.37	3499.9	8.2	13.2	-13.2	0.35	15.5	58.22	
3600	0.39	38.16	3599.9	8.9	13.6	-13.6	0.25	16.3	56.73	
3700	0.42	68.01	3699.9	9.3	14.1	-14.1	0.21	16.9	56.6	
3800	0.41	80.76	3799.9	9.5	14.8	-14.8	0.09	17.6	57.31	
3900	0.48	79.07	3899.9	9.7	15.6	-15.6	0.07	18.3	58.24	
4000	0.38	91.4	3999.9	9.7	16.3	-16.3	0.14	19	59.24	
4100	0.46	91.07	4099.9	9.7	17.1	-17.1	0.08	19.6	60.37	
4200	0.4	84.17	4199.9	9.7	17.8	-17.8	0.08	20.3	61.35	
4300	0.49	87.71	4299.9	9.8	18.6	-18.6	0.09	21	62.23	
4400	0.33	67.91	4399.9	9.9	19.3	-19.3	0.21	21.7	62.79	
4500	0.46	72.6	4499.9	10.1	19.9	-19.9	0.13	22.4	63.04	
4600	0.37	78.36	4599.9	10.3	20.6	-20.6	0.1	23.1	63.41	
4700	0.37	88.36	4699.9	10.4	21.3	-21.3	0.06	23.7	63.94	
4800	0.44	96.74	4799.9	10.4	22	-22	0.09	24.3	64.75	
4900	0.45	95.28	4899.9	10.3	22.8	-22.8	0.02	25	65.67	
5000	0.24	111.07	4999.9	10.2	23.3	-23.3	0.23	25.5	66.45	
5100	0.32	136.18	5099.9	9.9	23.7	-23.7	0.14	25.7	67.36	
5200	0.21	147.4	5199.9	9.5	24	-24	0.12	25.8	68.34	
5300	0.16	131.51	5299.9	9.3	24.2	-24.2	0.07	25.9	69.01	
5400	0.26	182.98	5399.9	9	24.3	-24.3	0.2	25.9	69.74	