

Scientific Drilling Inc.

Planning Report

Company: Texaco E & P, Inc.	Date: 02/28/2000	Time: 10:54:22	Page: 2
Field: Indian Basin Penn	Co-ordinate(NE) Reference: Site: Eddy County, New Mexico, True North		
Site: Eddy County, New Mexico	Vertical (TVD) Reference: SITE 0.0 above Mean Sea Level		
Well: New Mexico "DF" State Com #3	Section (VS) Reference: Site (0.0E,0.0N,325.0Azi)		
Wellpath: Lateral Air	Plan:	Plan #1	

Section 2 : Start Build 70.00

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
6895.0	34.30	325.00	6892.1	11.7	-8.2	14.2	70.00	70.00	0.00	0.00
6900.0	37.80	325.00	6896.2	14.1	-9.9	17.2	70.00	70.00	0.00	0.00
6905.0	41.30	325.00	6900.0	16.7	-11.7	20.4	70.00	70.00	0.00	0.00
6910.0	44.80	325.00	6903.7	19.5	-13.6	23.8	70.00	70.00	0.00	0.00
6915.0	48.30	325.00	6907.1	22.4	-15.7	27.4	70.00	70.00	0.00	0.00
6920.0	51.80	325.00	6910.3	25.6	-17.9	31.2	70.00	70.00	0.00	0.00
6925.0	55.30	325.00	6913.3	28.9	-20.2	35.3	70.00	70.00	0.00	0.00
6930.0	58.80	325.00	6916.0	32.3	-22.6	39.5	70.00	70.00	0.00	0.00
6935.0	62.30	325.00	6918.5	35.9	-25.1	43.8	70.00	70.00	0.00	0.00
6940.0	65.80	325.00	6920.7	39.6	-27.7	48.3	70.00	70.00	0.00	0.00
6945.0	69.30	325.00	6922.6	43.3	-30.4	52.9	70.00	70.00	0.00	0.00
6949.6	72.51	325.00	6924.1	46.9	-32.8	57.3	70.00	70.00	0.00	0.00

Section 3 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
6949.8	72.51	325.00	6924.1	47.1	-33.0	57.5	0.00	0.00	0.00	0.00

Section 4 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
7000.0	72.51	325.00	6939.2	86.3	-60.4	105.3	0.00	0.00	0.00	0.00
7100.0	72.51	325.00	6969.3	164.4	-115.1	200.7	0.00	0.00	0.00	0.00
7200.0	72.51	325.00	6999.3	242.5	-169.8	296.1	0.00	0.00	0.00	0.00
7308.9	72.51	325.00	7032.0	327.7	-229.4	400.0	0.00	0.00	0.00	0.00