

Scientific Drilling Inc.

Planning Report

Company: Texaco E & P Inc. Field: Teague SW (Glorieta - Upper Paddock) Site: Lea County, New Mexico Well: F. B. Davis #4H Wellpath: 1030' N Lateral	Date: 08/20/2000 Co-ordinate (NE) Reference: Site: Lea County, New Mexico, Grid North Vertical (TVD) Reference: SITE 0.0 above Mean Sea Level Section (VS) Reference: Site (0.0E, 0.0N, 5.3Az) Plan: Plan #1
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Field: Teague SW (Glorieta - Upper Paddock)

Map System: US State Plane Coordinate System 1927
Ellipsoid: Clarke - 1866
Sys Datum: Mean Sea Level

Map Zone: New Mexico, Eastern Zone
North Reference: Grid
Geomagnetic Model: igrf2000

Site: Lea County, New Mexico

Site Position:	Northing:	ft	Latitude:	
From: Local Only	Easting:	ft	Longitude:	
Position Uncertainty:	0.0 ft		Magnetic Declination:	0.00 deg
Water Depth:	0.0 ft		Grid Convergence:	deg

Well: F. B. Davis #4H

Well Position:	+N/-S	0.0 ft	Northing:	ft	Latitude:
From Slot:	+E/-W	0.0 ft	Easting:	ft	Longitude:
Position Uncertainty:		0.0 ft			

Wellpath: 1030' N Lateral

Drilled From: Surface
Tie-on Depth: ft
V.Section Direction: 5.30 deg
Above System Datum: Mean Sea Level

Vertical Section: +N/-S 0.0 ft
From: Site +E/-W 0.0 ft
Measured Depth Reference: SITE 0.0 ft

Plan: Plan #1

Date Composed: 06/20/2000
Version: 1

Principal: Yes

Locked: No

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
4800.0	0.00	5.30	4800.0	0.0	0.0	0.00	0.00	0.00	0.00	
5000.0	0.00	5.30	5000.0	0.0	0.0	0.00	0.00	0.00	5.30	
5204.9	90.30	5.30	5130.0	130.1	12.1	44.07	44.07	0.00	5.30	
5205.2	90.32	5.29	5130.0	130.4	12.1	6.00	5.76	-1.68	-16.29	
6103.6	90.32	5.29	5125.0	1025.0	95.0	0.00	0.00	0.00	0.00	Toe Davis 4H

Section 1 : 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
4800.0	0.00	5.30	4800.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
4900.0	0.00	5.30	4900.0	0.0	0.0	0.0	0.00	0.00	0.00	5.30
5000.0	0.00	5.30	5000.0	0.0	0.0	0.0	0.00	0.00	0.00	5.30

Section 2 : Start Build 44.07

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
5010.0	4.41	5.30	5010.0	0.4	0.0	0.4	44.07	44.07	0.00	0.00
5020.0	8.81	5.30	5019.9	1.5	0.1	1.5	44.07	44.07	0.00	0.00
5030.0	13.22	5.30	5029.7	3.4	0.3	3.4	44.07	44.07	0.00	0.00
5040.0	17.63	5.30	5039.4	6.1	0.6	6.1	44.07	44.07	0.00	0.00
5050.0	22.04	5.30	5048.8	9.5	0.9	9.5	44.07	44.07	0.00	0.00
5060.0	26.44	5.30	5057.9	13.5	1.3	13.6	44.07	44.07	0.00	0.00
5070.0	30.85	5.30	5066.7	18.3	1.7	18.4	44.07	44.07	0.00	0.00
5080.0	35.26	5.30	5075.0	23.7	2.2	23.8	44.07	44.07	0.00	0.00
5090.0	39.67	5.30	5083.0	29.8	2.8	29.9	44.07	44.07	0.00	0.00
5100.0	44.07	5.30	5090.4	36.4	3.4	36.6	44.07	44.07	0.00	0.00
5110.0	48.48	5.30	5097.3	43.6	4.0	43.8	44.07	44.07	0.00	0.00
5120.0	52.89	5.30	5103.7	51.3	4.8	51.6	44.07	44.07	0.00	0.00
5130.0	57.29	5.30	5109.4	59.5	5.5	59.8	44.07	44.07	0.00	0.00
5140.0	61.70	5.30	5114.5	68.1	6.3	68.4	44.07	44.07	0.00	0.00