

INCLINATION REPORT

Field Name JENKINS CISCO & DEVONIAN County LEA State NEW MEXICO
Operator APACHE CORPORATION Address 2000 WILCO BUILDING City MIDLAND, TEXAS
Lease Name & No. BARNES Well No. ONE (1) Survey TOTCO

RECORD OF INCLINATION

Depth (feet)	Inclination (degrees)	Displacement (feet)	Accumulative Displacement (feet)
125	1/4	.55	.55
405	1/4	1.23	1.78
900	1/4	2.18	3.41
1510	0	-----	3.41
2100	1/4	2.60	6.01
2536	1 1/4	9.50	15.51
2935	1 1/4	8.70	24.21
3364	1 1/2	11.20	35.41
3600	1 1/4	5.10	40.51
3760	1	2.80	43.31
4034	1 1/2	7.20	50.51
4160	1 3/4	3.90	54.41
4250	1 3/4	2.80	57.21
4600	1	6.10	63.31
5000	1	7.00	70.31
5450	1	7.90	78.21
5940	3/4	6.50	84.71
6380	3/4	5.80	90.51
6730	1	6.10	96.61
7030	1	5.30	101.91
7340	1 3/4	9.50	111.41
7555	1	3.80	115.21
7880	1 1/4	7.10	122.31
8165	1 3/4	8.70	131.01
8380	1 1/4	4.70	135.71
8770	2	13.60	149.31
8865	1 3/4	2.90	152.21
8930	2 1/4	2.60	154.81
9000	2 1/2	3.10	157.91
9060	2 1/2	2.60	160.51
9169	2	3.80	164.31
9220	1 3/4	1.60	165.91
9310	2 1/4	3.50	169.41
9470	2 1/2	7.00	176.41
9564	2	3.30	179.71
9825	2	9.10	188.81
Total Displacement			<u>188.81</u>

Survey was run in OPEN HOLE, Location E/2 NW/4 Sec. 19, T-9-S, R-35-E,

I hereby certify that I have personal knowledge of the data and facts placed hereon, and that such information given above is true and complete.

Delton Marcus

MARSH DRILLING COMPANY

Sworn and Subscribed to before me, this the 3rd day of August, 1966.

Cliff M. Schaub
Notary Public in and for MIDLAND