



HANSON OIL COMPANY

PETROLEUM BUILDING

P. O. BOX 1515

ROSWELL, NEW MEXICO 88201

505 622-7330

February 6, 1970

The following deviation tests were run by Ard Drilling Company, Midland, Texas, on the dates and at the depths indicated during the drilling of the Hanson Oil Company - El Miller Federal, 990' FSL & 990' FEL, Sec. 26, T-14-S, R-27-E, N.M.P.M., Chaves County, New Mexico:

12- 4-69	225'	1/2°
12- 6-69	985'	1/2°
12- 6-69	1383'	1/2°
12- 7-69	1615'	1°
12- 9-69	2244'	1°
12-10-69	2870'	0°
12-11-69	3230'	3/4°
12-12-69	3460'	1°
12-13-69	3780'	0°
12-15-69	4720'	1/2°
12-16-69	5023'	1-1/4°
12-17-69	5451'	3°
12-17-69	5646'	2-1/2°
12-18-69	5877'	3-3/4°
12-18-69	5950'	2-3/4°
12-20-69	6340'	2-1/4°
12-24-69		

TOTCO re-ran the following surveys this date.

	5600'	4°
	5800'	4°
	6000'	5°
	6400'	7-3/4°
	6700'	11-3/4°
	6848'	11-3/4°
	6948'	11-3/4°
	7170'	13°
	7180'	13°
12-25-69	Began plugging back to re-drill hole from 5469'	
1- 5-70	5694'	1-3/4° (S-17°-E)
1- 5-70	5704'	1-1/4° (S- 3°-E)
1- 6-70	5790'	2°
1- 6-70	5815'	2°
1- 7-70	5965'	1-1/2°
1- 7-70	6020'	1-1/4°
1- 8-70	6160'	1°
1- 9-70	6409'	3/4°
1- 9-70	6584'	3/4°
1-10-70	6640'	3/4°
1-10-70	6775'	1°
1-11-70	7050'	1°
1-12-70	7211'	1°
1-14-70	7610'	1-1/4°
1-16-70	8010'	1-1/4°

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 U. S. GEOLOGICAL SURVEY
 ARTESIA, NEW MEXICO

I swear that the information given herewith is complete and correct insofar as can be determined from the mechanical devices used in taking the described survey.

Date: February 6, 1970

Harry F. Schram
 Harry F. Schram
 Executive Vice President

Sworn to before me by Harry F. Schram, this sixth day of February, 1970.

My Commission Expires:

Nan Clayton Pretti
 Nan Clayton Pretti
 Notary Public

May 19, 1970