



Huerfanito Well No. 5-10
Basin Dakota Field
San Juan County, New Mexico

<u>Depth</u>	<u>Interval</u>	<u>Survey</u>	<u>Deviation</u>	<u>Cumulative Deviation</u>	<u>True Vertical Depth</u>
120'	120'	0°			120.00'
335	215	1°	3.76'	3.76	334.95
1,287'	952	1°	8.28	12.04	1,286.95
1,773	486	3/4°	6.36	18.40	1,772.90
2,574	801	1°	3.52	21.92	2,573.90
2,699	125	1°	1.09	23.01	2,698.90
2,915	216	1°	1.88	24.89	2,914.90
3,224	309	1°	2.69	27.58	3,223.90
3,509	285	1°	2.48	30.06	3,508.90
3,778	269	1°	4.71	34.77	3,777.84
4,675	897	1°	7.80	42.57	4,674.84
4,984	309	1°	2.69	45.26	4,983.84
5,387	403	1°	7.05	52.31	5,386.76
5,666	279	1°	1.23	53.54	5,665.76
5,858	192	1°	0.84	54.38	5,857.76
6,379	521	1 1/4°	11.36	65.74	6,378.60
6,555	176	1°	0.77	66.51	6,554.60
6,631	76	1 1/4°	1.66	68.17	6,630.58
6,700	69	1°	1.21	69.38	6,699.56
6,803	103	1° extended	1.80	71.18	6,802.54

AFFIDAVIT

STATE OF TEXAS)

COUNTY OF Harris)

Before me, the undersigned authority, on this day personally appeared Marvin E. Smith, known to me to be the person whose name is subscribed to this instrument, who, after being by me duly sworn on oath, states that he is employed by or associated with Austral Oil Company Incorporated in the capacity of District Engineer.

Subscribed and Sworn to before me on this the 22 day of May, 1964
Marvin E. Smith
C. B. Pearson
Notary Public in and For
Harris, County, Texas