

A-12-27-9

Huerfanito Well No. 8
Basin Dakota Field
San Juan County, New Mexico

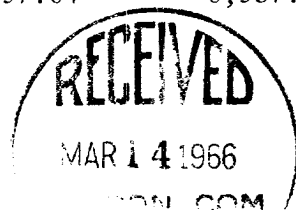
<u>Depth</u>	<u>Interval</u>	<u>Survey</u>	<u>Deviation</u>	<u>Cumulative Deviation</u>	<u>True Vertical Depth</u>
100'	100'	0°45'	1.31	1.31	99.99'
200'	100'	0°45'	1.31	2.62	199.98'
340'	140'	1°00'	2.45	5.07	339.95'
800'	460'	1°00'	8.05	13.12	799.86'
1,262'	462'	1°00'	8.09	21.21	1,261.76'
1,722'	460'	1°00'	8.05	29.26	1,721.67'
1,986'	264'	0°45'	3.46	32.72	1,985.64'
2,500'	514'	0°30'	4.47	37.19	2,499.64'
2,827'	327'	0°30'	2.84	40.03	2,826.64'
3,202'	375'	1°00'	6.56	46.59	3,201.57'
3,585'	383'	0°15'	1.68	48.27	3,584.57'
3,837'	252'	1°00'	4.41	52.68	3,836.52'
4,158'	321'	1°00'	5.62	58.30	4,157.46'
4,547'	389'	1°00'	6.81	65.11	4,546.38'
4,837'	290'	0°45'	3.80	68.91	4,836.35'
5,156'	319'	0°45'	4.18	73.09	5,155.32'
5,627'	471'	1°00'	8.24	81.33	5,626.23'
6,045'	418'	0°45'	5.48	86.81	6,044.19'
6,519'	474'	1°00'	8.30	95.11	6,518.10'
6,721'	202'	0°15'	0.89	96.00	6,720.10'
6,958' TD	237'	0°15'	1.04	97.04	6,957.10'

Extended

AFFIDAVIT

STATE OF TEXAS I

COUNTY OF Harris I



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 Senior Staff Engineer.

Subscribed and Sworn to before me on this the 9th day of March, 1966.

6. S. Lave
Notary Public in and for

Harris County, Texas