

Austral Oil

H-1-10-2-11

Huerfanito Well No. 1-33
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>
335'	335'	0°15'	1.57	1.51'	335.0'
800'	465'	0°45'	6.1	7.6'	799.9'
1,169'	369'	0°45'	4.8	12.4'	1,168.9'
2,249'	1080'	0°45'	14.1	26.5'	2,248.8'
3,032'	783'	0°45'	10.3	36.8'	3,031.7'
3,356'	324'	0°45'	4.2	41.0'	3,355.7'
3,750'	394'	1°00'	6.9	47.9'	3,749.6'
3,912'	162'	0°45'	2.1	50.0'	3,911.6'
4,006'	94'	0°15'	0.4	50.4'	4,005.6'
4,122'	116'	0°15'	0.5	50.9'	4,121.6'
4,592'	470'	0°45'	6.2	57.1'	4,591.5'
4,837'	245'	0°45'	3.2	60.3'	4,836.5'
5,018'	181'	0°30'	1.6	61.9'	5,017.5'
5,227'	209'	0°30'	1.8	63.7'	5,226.5'
5,488'	261'	1°00'	4.6	68.3'	5,487.4'
5,933'	445'	1°45'	13.6	81.9'	5,932.2'
6,127'	194'	2°30'	8.5	90.4'	6,126.0'
6,285'	158'	2°45'	6.5	96.9'	6,283.8'
6,410'	125'	2°00'	4.4	101.3'	6,408.7'
6,625'	215'	2°00'	7.5	108.8'	6,623.6'
6,922'	297'	3°00'	15.5	124.3'	6,920.2'
7,039' (TD)	117'	3°00' (Extended)	6.1	130.4'	7,037.0'

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 Petroleum Engineer.

Subscribed and Sworn to before me on this the 6th day of May, 1963

Notary Public in and for
County of Harris, Texas
My Comm. Expires Dec. 1, 1963

W. H. McFarley
Notary Public in and for

Harris County, Texas

