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STATE OF NEW MEXICO  
DEVIATION REPORT

NOV 15 1979


HANAGAN PETROLEUM Corp.  
P. O. BOX 1737  
Roswell, N.M. 88201

O. C. C.  
ARTESIA, OFFICE

Lease: Shamrock #1  
Sec. 34, T-18-S, R-28-E, Eddy County, New Mexico

<u>DEPTH</u>	<u>DEVIATION</u>	<u>DEPTH</u>	<u>DEVIATION</u>
200	$\frac{1}{4}$	6850	1
350	$\frac{1}{2}$	7042	$1\frac{1}{4}$
850	$\frac{3}{4}$	7262	1
1310	$\frac{3}{4}$	8075	1
1810	1	8575	$1\frac{1}{2}$
2310	$\frac{3}{4}$	9075	$1\frac{1}{4}$
2810	$\frac{3}{4}$	9575	2- $\frac{3}{4}$
3406	1	9654	3
3904	$\frac{1}{2}$	9717	3
4404	$\frac{3}{4}$	9780	3
4904	1	9842	3
5166	1	10154	$2\frac{1}{4}$
5355	1	10988	1- $\frac{3}{4}$
5481	$1\frac{1}{4}$	11205	1
5750	1		
5847	$1\frac{1}{2}$		
6040	$1\frac{1}{4}$		
6159	1- $\frac{3}{4}$		
6320	$1\frac{1}{2}$		
6452	2		
6540	1- $\frac{3}{4}$		
6640	$1\frac{1}{2}$		
6732	$1\frac{1}{4}$		

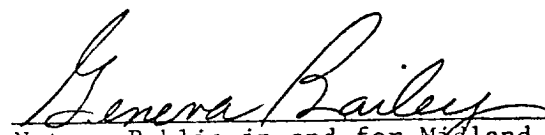
RIAL DRILLING COMPANY, INC.

  
By: Frank Swinehart  
Manager - Sales

STATE OF TEXAS     X  
                              X  
COUNTY OF MIDLAND   X

The foregoing instrument was acknowledged before me this 8th day of  
November, 19 79, by Frank Swinehart on behalf of  
Rial Drilling Company, Inc.

My Commission Expires:  
GENEVA BAILEY, Notary Public  
In and for Midland County, Texas  
My Commission Expires 9/21/80

  
Notary Public in and for Midland County,  
Texas.