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DEVIATION SURVEY
YATES PETROLEUM CORPORATION - H. T. HILLIARD
TEXAS PACIFIC "BF" NO. 1-Y
1650' FNL & 630' FEL of SEC. 14-21-22
EDDY COUNTY, NEW MEXICO

<u>Depth Feet</u>	<u>Deviation</u>	
104	1 $\frac{1}{4}$	Deg.
192	1 $\frac{1}{4}$	"
317	$\frac{1}{2}$	"
360	1 $\frac{1}{2}$	"
470	1 $\frac{1}{2}$	"
574	$\frac{3}{4}$	"
596	$\frac{1}{2}$	"
816	1 $\frac{1}{4}$	"
859	1- $\frac{3}{4}$	"
942	1 $\frac{1}{4}$	"
950	1 $\frac{1}{2}$	"
1126	1 $\frac{1}{4}$	"
1380	1 $\frac{1}{4}$	"
1672	1	"
1950	$\frac{3}{4}$	"
2310	$\frac{3}{4}$	"
2682	$\frac{3}{4}$	"
2950	$\frac{3}{4}$	"
3440	2	"
3530	1- $\frac{3}{4}$	"
3800	2	"
3940	2 $\frac{1}{4}$	"
4064	2 $\frac{1}{4}$	"
4367	3	"
4454	2 $\frac{1}{2}$	"
4510	3- $\frac{3}{4}$	"
4619	3- $\frac{3}{4}$	"
4681	4- $\frac{3}{4}$	"
4700	4 $\frac{1}{2}$	"
4741	5	"
4773	5	"
4804	4 $\frac{1}{2}$	"
4897	5	"
4836	4 $\frac{1}{2}$	"
4928	5	"
4973	5	"
5024	5	"
5087	4- $\frac{3}{4}$	"

Cont'd on page 2.

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YPC-TP BF-1-Y

(Cont'd) Page 2:

<u>Depth Feet</u>	<u>Deviation</u>	
5128	5	Deg.
5182	4 $\frac{1}{4}$	"
5251	3 $\frac{1}{2}$	"
5340	3 $\frac{1}{4}$	"
5473	3	"
5600	2 $\frac{1}{2}$	"
5665	2 $\frac{1}{4}$	"
5789	2-3/4	"
5858	2	"
5995	2 $\frac{1}{4}$	"
6170	1-3/4	"
6339	1-3/4	"
6504	3/4	"
6784	1	"
7053	1 $\frac{1}{4}$	"
7160	1	"
7268	1 $\frac{1}{4}$	"
7553	1-3/4	"
7781	1-3/4	"
7824	2	"

Sworn to this 17th day of August, 1967.

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D. G. C.
ARTESIA, OFFICE

STATE OF NEW MEXICO)

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COUNTY OF EDDY)

The foregoing instrument was acknowledged before me this 17th day of August, 1967 by M. L. Armstrong, Agent for Yates Petroleum Corporation.

My Commission expires

11-17-68

M. L. Armstrong
M. L. Armstrong
Agent for Yates Petroleum Corporation

David L. Patterson
Notary Public in and for Eddy County,
New Mexico

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