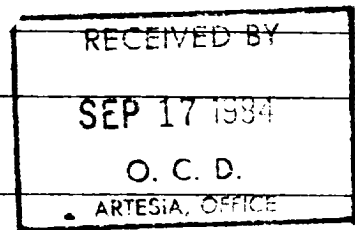


RIO PECOS  
WELL NAME AND NUMBER Rig #7 "R.S." Federal #1

LOCATION Section 21, T18S, R27E, Eddy County  
(Give Unit, Section, Township and Range)

OPERATOR Yates Petroleum Corporation

DRILLING CONTRACTOR McVay Drilling Company



The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
1-1/2 219	2 4,842	5 5,984
1-1/4 615	2-3/4 4,967	4-3/4 6,045
1-3/4 929	3 5,044	4-3/4 6,107
1 1,239	2-3/4 5,108	5 6,125
1-1/4 1,492	2-3/4 5,171	4-3/4 6,174
1 1,804	2-3/4 5,263	4-3/4 6,236
1 2,119	4 5,420	4-3/4 6,297
1 2,402	4 5,482	4 1/4 6,358
3/4 2,684	4 1/4 5,545	4 6,421
0 3,200	4 5,594	3-3/4 6,483
1/2 3,296	4 1/2 5,669	3 1/2 6,607
3/4 3,593	4 1/4 5,730	2-3/4 6,759
1 3,907	4-3/4 5,743	1/2 6,947
1 4,220	4 1/4 5,859	2 7,260
1-1/4 4,530	4 1/2 5,921	1 1/2 7,400

Drilling Contractor McVay Drilling Company

By: Don McVay

Subscribed and sworn to before me this 23<sup>rd</sup> day of May, 1984

Phyllis Jean Gundlach

Notary Public

My Commision Expires: September 27, 1987

County McKenzie