

DEVIATION TEST DETAIL

OPERATOR: Union Oil Company of California      UNIT LETTER: A

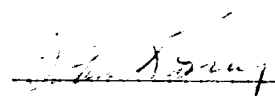
LEASE: State "13"      LOCATION OF WELL: 660' from the  
WELL NO.: 3      North line and 660' from the East  
line of Section 13, Township 10-S,  
Range 33-E, Lea County, New Mexico.

FIELD AND POOL: Inbe Permo Penn.

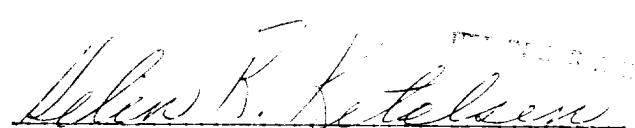
<u>TEST FOOTAGE</u>	<u>DEGREE</u>	<u>TEST FOOTAGE</u>	<u>DEGREE</u>	<u>TEST FOOTAGE</u>	<u>DEGREE</u>
405'	1/4	4000'	3/4	7526'	3/4
909'	1/2	4438'	3/4	8068'	1
1396'	1/2	4790'	3/4	8520'	1 1/4
1896'	1	5265'	1	8692'	3/4
2362'	1	5771'	3/4	8843'	3/4
2582'	1/4	6244'	1/4	9244'	1 1/4
3064'	1/2	6729'	1/2	9473'	1
3353'	1/2	6868'	3/4	9658'	1
3821'	1	7359'	3/4	9900'	1

A F F I D A V I T

Before me, the undersigned authority, personally appeared J. R. Gray, known to me to be the person whose name is subscribed hereto, whom after being duly sworn, on oath states; that he is authorized to make this detail of deviation which he states was taken from actual slope tests during the course of drilling the above mentioned well, and that the detail of deviation is true and correct.

  
\_\_\_\_\_  
J. R. Gray - Drilling Superintendent  
Signature and Title of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME, this the 24th day of September, 1968.

  
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Notary in and for the County of Midland,  
State of Texas.