

*Willard C. Dranks*

OIL - GEOLOGY  
BOX 163 - PHONE 656 - 2160  
BRIGGSDALE, COLORADO

March 26, 1964

MAIL OFFICE OCC

1964 MAR 28 PM 1:55

New Mexico Oil Conservation Commission  
Santa Fe, New Mexico

Att. Mr. Kapetina

Dear Mr. Kapetina:

Enclosed herewith are miscellaneous reports Form-103 covering the LaRoe No. 1 well, Colfax County, New Mexico.

Standard tool drilling on this well for a depth of approximately 450' has been slow but I have proceeded with care drilling with one crew on a daylight basis so that I could be on the well at all times. I have expected a heavy head of gas at such time that we penetrate the Dakota SS and from the amount of gas that has been showing from bottom of hole for the past 440' and the distillate-cut mud I am confident of a producing well.

Due to the heavy vibration from drilling the caprock of the Dakota the Bentonite section that carried a rotten shale section has been caving until it reached a point threatening the well with a possible cavein at any time so I decided it best to bring in a rotary rig to mud the hole and core the Dakota SS on which we were sitting at the time I decided to play safe. This caprock is the hardest I ever drilled.

You may assume that the first strata of the Dakota was encountered at 1720' but the main caprock was not encountered until 1750' or approximately so. The final log will make the proper correction if our measurements by rope are slightly off.

I appreciate your patience with me and I am happy that I have managed to hold on despite the extra expense. I did not mind mortgaging our ranch to continue. I will have a very fine well there and on the structure a few miles to the south.

Yours very truly,

*Willard C. Dranks*

P. S. I have a tight cap on the well to protect it.

*W.C.D.*

*Enc./s*



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# NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103  
(Rev 3-55)

## MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

Name of Company <b>Willard C. Franks</b>				Address <b>Briggsdale, Colorado</b>			
Lease <b>LaRoe</b>	Well No. <b>1</b>	Unit Letter <b>F</b>	Section <b>19</b>	Township <b>27N</b>	Range <b>22 E</b>		
Date Work Performed <b>Jan. 12 - March 19, 1964</b>	Pool <b>Wildcat</b>			County <b>Colfax</b>			

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations   
 ☐ Casing Test and Cement Job   
 ☒ Other (Explain):  
☐ Plugging   
 ☐ Remedial Work   
 Drilling with Standard rig.

Detailed account of work done, nature and quantity of materials used, and results obtained.

I ran a log at 1295' as reported to you and began drilling with a standard rig and drilled to caprock of Dakota Sandstone, encountered at 1750' where I suspended drilling with this rig due to cavings from BENTONITE section which was endangering the well. The vibration from drilling on top of the caprock was dislodging shale and bentonite. It is my plan to move rotary in to core the Dakota Sandstone and finish well which was showing gas from 1309' to bottom or total depth. There was absolutely no water in the well anywhere and the mud was distillate cut for the last 100'. Due to lack of information covering the area we had no geological control on which to base our deduction as to depth of the Dakota formation. The School of Mines estimated the depth to be 1598 plus or minus. I am going in search of rotary rig to core caprock and the Dakota Sandstone which will give us a producing well I firmly believe. Another log will be run on T. D. after I have run casing following coring -- a gamma-neutron log inside casing. I shall arrange contract covering completion of the above well and to drill an offset subject to your approval. (I feel very much elated over this well. The total absence of water indicates excellent structure and the rich petroleum gas and distillate encourage us.)

Witnessed by <b>Willard C. Franks</b>	Position	Company
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### FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA					
D F Elev.	T D	P BTD	Producing Interval	Completion Date	
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth		
Perforated Interval(s)					
Open Hole Interval			Producing Formation(s)		

### RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved by	Name <b>Willard C. Franks</b>
Title <b>For Record Only</b>	Position <b>Operator</b>
Date	Company <b>Sut</b>