OILFIELD RESEARCH LABORATORIES
536 NORTH HIGHLAND - CHANUTE, KANSAS - PHONE HE1-2650

March 12, 1966

15-28-20E

Colorado Drilling Company
c/o Mr. Clyde G. Kissenger
2432 South Downing Street
Box 8878
Denver, Colorado

Gentlemen:

Attached hereto are the results of permeability tests run on the Rotary core taken from the Schumisch-Tlougan Lease, Well No. W-27, Neosho County, Kansas, and submitted to our laboratory on March 2, 1966.

This core was picked up by a representative of Oilfield Research Laboratories.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Benjamin R. Pearman

Benjamin R. Pearman

BRP:cm

5 c. - Chanute, Kansas

SCHUMISCH-TLOUGAN W-27

Oilfield Research Laboratories

GENERAL INFORMATION & SUMMARY

Company Colorado Drilling Co. Lease Schumish-Tlougan Well No. W-27

Location 330' NSL & 2640' EWL

Section 15 Twp. 28S Rge. 20E County Neosho State Kansas

Name of Sand	Bartlesville
Top of Core	473.0
Bottom of Core	482.0
Top of Sand	473.0
Bottom of Sand	481.0
Total Feet of Permeable Sand	7.0
Total Feet of Floodable Sand	

Distribution of Permeable Sand: Permeability Range Millidarcys	Feet	Cum. Ft.
0 - 25	4.0	4.0
25 - 50	3.0	7.0

Average Permeability Millidarcys	25.5
Average Percent Porosity	
Average Percent Oil Saturation	
Average Percent Water Saturation	
Average Oil Content, Bbls./A. Ft.	
Total Oil Content, Bbls./Acre	
Average Percent Oil Recovery by Laboratory Flooding Tests	
Average Oil Recovery by Laboratory Flooding Tests, Bbls./A. Ft.	
Total Oil Recovery by Laboratory Flooding Tests, Bbls./Acre	
Total Calculated Oil Recovery, Bbls./Acre	
Packer Setting, Feet	
Viscosity, Centipoises @	
A. P. I. Gravity, degrees @ 60 °F	
Elevation, Feet	

Company Colorado Drilling Co. Lease Schumisch-Tlougan Well No. W-27

Depth Interval, Feet	Description
473.0 - 479.0	Dark brown slightly shaly sandstone.
479.0 - 480.0	Light brown and dark brown laminated shaly sandstone.
480.0 - 481.0	Dark carbonaceous sandstone.
481.0 - 482.0	Sandy shale.

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RESULTS OF PERMEABILITY TESTS

TABLE I

Company Colorado Drilling Co. Lease Schumish-Tlougan Well No. W-27

Sample No.	Depth Feet	Permeability Millidarcys	Feet of Core		Permeability Capacity Ft. x Md.
			Ft.	Cum. Ft.	
1	473.5	46.			
2	474.5	31.			
3	475.5	17.			
4	476.5	23.			
5	477.5	8.70			
6	478.5	49.			
7	479.5	3.70			
8	480.5	Imp.			