

Case 537

Lowry et al Operating Account
Core Analysis and
Water Permeability Report
Federal Lease
Wells 4-13-132 and 22-45-207
Rio Arriba County, New Mexico

Oilfield Research Laboratories

1028 South Santa Fe

Chanute, Kansas

August 30, 1952

Lowry et al Operating Account
616 East Central Avenue
Albuquerque, New Mexico

Gentlemen:

Attached hereto are the results of tests made on core samples taken from the Federal Lease, Well No. 4-13-132, and submitted to our laboratory on August 26, 1952.

Very truly yours,

OILFIELD RESEARCH LABORATORIES



Carl L. Pate

CLP:jam

9 c.c.

Oil Field Research Laboratories
RESULTS OF PERMEABILITY AND POROSITY TESTS
TABLE I A

Company Louvy Oil Company Lease Federal Well No. 4-13-
132

Sample No.	Depth, Feet	Permeability Millidarcys	Feet of Core		Permeability Capacity Ft. x Md.	Percent Porosity
			Ft.	Cum. Ft.		
1		182.				14.5
2		178.				17.8
3		282.				14.8
4		178.				15.7

Company Lowry Oil Company Lease Federal Well No. 4-13-132

Results Effective Permeability Tests

<u>Sample No.</u>	<u>Effective Permeability</u> <u>Millidarcys</u>
-------------------	---

Salt Water

1	39.00
2	69.30
3	51.20
4	65.30
5	Imp.

Fresh Water

1	21.40
2	34.80
3	38.20
4	61.10
5	Imp.

August 30, 1952

Lowry et al Operating Account
616 East Central Avenue
Albuquerque, New Mexico

Gentlemen:

Attached hereto are the results of tests made on core samples taken from the Federal Lease, Well No. 22-45-207, and submitted to our laboratory on August 26, 1952.

Very truly yours,

OILFIELD RESEARCH LABORATORIES


Carl L. Pate

CLP:MH

9 c.c.

Oil Field Research Laboratories
RESULTS OF PERMEABILITY AND POROSITY TESTS
TABLE I A

Company Lowry Oil Company Lease Federal Well No. 22-45-
207

Sample No.	Depth, Feet	Permeability Millidarcys	Feet of Core		Permeability Capacity Ft. x Md.	Percent Porosity
			Ft.	Cum. Ft.		
1		0.75				10.7
2		Imp.				-
3		151.				17.3
4		Imp.				-
5		110.				14.4
6		12.				16.3
7		37.				16.3
8		Imp.				-

Company Lowry Oil Company Lease Federal Well No. 22-45-207

Results of Effective Permeability Tests

<u>Sample No.</u>	<u>Effective Permeability Millidarcys</u>
-------------------	---

Salt Water

1	Imp.
2	Imp.
3	46.80
4	Imp.
5	26.35
6	5.14
7	13.23
8	Imp.

Fresh Water

1	Imp.
2	Imp.
3	61.0
4	Imp.
5	22.50
6	4.58
7	13.42
8	Imp.