



# OILFIELD RESEARCH LABORATORIES

536 NORTH HIGHLAND - CHANUTE, KANSAS 66720 - PHONE (316) 431-2650

June 30, 1981

ShoMor Gas & Oil Corporation  
10600 Mastin  
Overland Park, Kansas 66212

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Owens Lease, Well No. 16-A, located 1485' West of the East Line and 590' South of the North Line in The Northeast  $\frac{1}{4}$  in Section 8, T-18S, R-22E, in Miami County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and was submitted to our laboratory on June 26, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/kas

5 c to Overland Park, Kansas

## OILFIELD RESEARCH LABORATORIES

LOGName ShoMor Gas & Oil Corp. Lease Owens Well No. 16-A

<u>Depth Interval,</u> <u>Feet</u>	<u>Description</u>
	<u>CATTLEMAN SAND</u>
576.0 - 577.7	Dark brown slightly calcareous slightly carbonaceous sandstone.
577.7 - 578.3	Grayish light brown calcareous sandstone.
578.3 - 581.3	Dark brown slightly calcareous slightly carbonaceous sandstone.
581.3 - 589.8	Dark brown slightly calcareous slightly carbonaceous sandstone with shale partings.
589.8 - 591.5	Grayish brown shaly sandstone.

# Oilfield Research Laboratories

## RESULTS OF SATURATION & PERMEABILITY TESTS

### TABLE I

Company ShoMor Gas & Oil Corp. Lease Owens Well No. 16-A

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	576.5	22.0	42	22	64	717	139.
2	577.5	22.1	40	26	66	686	101.
3	578.5	18.0	67	18	85	936	24.
4	579.4	20.1	47	25	72	733	50.
5	580.6	20.4	40	28	68	633	57.
6	581.5	19.6	33	27	60	502	48.
7	582.6	16.1	44	40	84	550	10.
8	583.5	16.2	33	40	73	415	38.
9	584.4	15.2	36	54	90	425	27.
10	585.4	19.1	38	32	70	563	46.
11	586.5	20.2	46	27	73	721	47.
12	587.5	21.3	42	24	66	694	69.
13	588.6	20.8	54	27	81	871	47.
14	589.4	18.3	68	21	89	965	23.
15	590.5	15.4	51	38	89	609	1.2
16	591.4	13.4	30	61	91	312	0.27