



OILFIELD RESEARCH LABORATORIES

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

March 17, 1982

Energy Exploration & Production, Inc.
1012 Baltimore
Suite 600
Kansas City, Missouri 64105

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Jones Lease, Well No. 1, located 660' North of the South Line and 660' East of the West Line of the Southwest $\frac{1}{4}$ of the Southeast $\frac{1}{4}$ in Section 15, T-32S, R-18E, in Labette County, Kansas.

The core was sampled and sealed in plastic bags by a representative of Oilfield Research Laboratories and was received in our laboratory on March 15, 1982.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/kas

5 c to Kansas City, Missouri

- REGISTERED ENGINEERS -

CORE ANALYSIS - WATER ANALYSIS - REPRESSURING ENGINEERING - SURVEYING & MAPPING - PROPERTY EVALUATION & OPERATION

OILFIELD RESEARCH LABORATORIES

LOGName Energy Exploration & Production, Inc.Lease Jones Well No. 1

<u>Depth Interval,</u> <u>Feet</u>	<u>Description</u>
	<u>BARTLESVILLE SAND</u>
731.0 - 731.4	Light brown slightly shaly sandstone.
731.4 - 733.0	Gray and brown laminated shale and sandstone.
733.0 - 733.8	Light brown sandstone.
733.8 - 734.9	Gray and brown finely laminated shale and sandstone.
734.9 - 735.3	Light brown slightly shaly sandstone.
735.3 - 736.0	Gray shaly sandstone.
736.0 - 736.2	Brown shaly sandstone.
736.2 - 736.5	Gray shale.
736.5 - 737.0	Brown sandstone.
737.0 - 739.0	Gray slightly sandy shale.
739.0 - 746.2	Light brown sandstone.
746.2 - 747.6	Gray and brown laminated shale and sandstone.
747.6 - 765.8	Light brown sandstone.
765.8 - 773.0	Brown sandstone.
773.0 - 773.2	Gray shale.
773.2 - 774.3	Brown sandstone.
774.3 - 776.4	Gray shale.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Energy Exploration & Production, Inc. Lease Jones Well No. 1

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	731.3	15.8	15	60	75	184	8.0
2	733.6	18.4	21	47	68	300	29.
3	735.2	16.4	22	53	75	280	9.6
4	736.6	17.4	25	46	71	338	37.
5	739.6	22.6	11	52	63	193	52.
6	740.6	21.6	15	47	62	251	188.
7	741.5	18.9	20	46	66	293	13.
8	742.5	17.9	12	50	62	167	15.
9	743.5	24.0	14	52	66	261	87.
10	744.7	22.5	10	61	71	175	92.
11	745.7	19.0	14	58	72	206	33.
12	746.6	19.2	17	55	72	253	17.
13	748.5	22.9	13	60	73	231	105.
14	749.5	21.9	17	56	73	289	86.
15	750.4	21.4	18	48	66	299	195.
16	751.4	22.7	17	49	66	299	181.
17	752.6	23.1	18	63	81	323	127.
18	753.6	17.8	26	51	77	359	15.
19	754.6	22.7	17	59	76	299	121.
20	755.5	21.3	14	80	94	231	44.
21	756.5	22.6	12	84	96	210	231.
22	757.5	23.8	7	81	88	129	346.
23	758.6	23.3	14	77	91	253	130.
24	759.7	24.0	8	76	84	149	133.
25	760.6	22.7	10	82	92	176	231.
26	761.5	22.9	11	81	92	195	203.
27	762.6	24.3	13	73	86	245	314.
28	763.6	23.3	10	83	93	181	296.
29	764.7	23.7	26	56	82	478	296.
30	765.6	22.0	20	59	79	341	288.
31	766.6	20.3	43	33	76	677	296.
32	767.6	22.4	40	30	70	695	273.
33	768.5	20.8	37	34	71	597	203.
34	769.4	22.8	49	22	71	867	296.
35	770.4	22.8	46	26	72	814	415.
36	771.5	22.4	39	43	82	678	203.
37	772.4	23.0	35	36	71	625	145.
38	773.4	20.7	23	46	69	369	346.