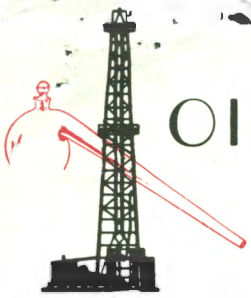


30-27-22E



OILFIELD RESEARCH LABORATORIES

P. O. BOX 647 - CHANUTE, KANSAS 66720 - PHONE (316) 431-2650 *



DW/DE
30-27^S-22^E

August 29, 1984

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OCT 09 1984

CONSERVATION DIVISION
Wichita, Kansas

Advanced Recovery Services Co.
6801 S. Emporia, Suite 205
P. O. Box 5351
Englewood, Colorado 80155

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Albert Elmer Lease, Well No. C-7, located in Section 30, T-27S, R-22E, Crawford County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on August 27, 1984.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Benjamin R. Pearman
Benjamin R. Pearman

BRP/rmc

5 c to Englewood, Colorado

OCT 19 1984

State Geological Survey
WICHITA BRANCH

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- REGISTERED ENGINEERS -

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

LOG

Company Advanced Recovery Services Co. Lease Albert Elmer Well No. C-7

NW/NE
30-27-22E

<u>Depth Interval, Feet</u>	<u>Description</u>
<u>TUCKER SANDSTONE</u>	
594.0 - 594.4	Sandstone and shale, brown and gray, laminated.
594.4 - 595.0	Shale, gray.
595.0 - 595.3	Sandstone, grayish brown, very shaly.
595.3 - 595.7	Sandstone, gray, very shaly.
595.7 - 596.7	Sandstone, brown, slightly shaly, with scattered gray shale and mica partings.
596.7 - 597.0	Shale, gray, slightly sandy.
597.0 - 598.0	Sandstone and shale, brown and gray, laminated.
598.0 - 598.9	Sandstone, dark brown, with scattered gray shale inclusions.
598.9 - 599.0	Shale, gray.
599.0 - 599.6	Sandstone, dark brown.
599.6 - 600.3	Sandstone and shale, dark brown and gray, laminated.
600.3 - 601.0	Sandstone, dark brown.
601.0 - 603.0	Sandstone, grayish black, slightly carbonaceous, with scattered mica partings.
603.0 - 606.0	Sandstone, grayish black, carbonaceous, with gray shale and mica partings.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Advanced Recovery Services Co. Lease Albert Elmer Well No. C-7

QK45
DW NE 30-27^s-22E

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A. Ft.	Permeability, Millidarcys
			Oil	Water	Total		
1	594.3	8.5	16	81	97	106	0.30
2	595.6	8.7	3	95	98	20	Imp.
3	596.6	20.4	67	25	92	1060	8.0
4	597.5	13.3	45	50	95	464	0.87
5	598.5	19.1	49	20	69	726	187.
6	599.5	19.5	48	28	76	726	152.
7	600.4	17.9	20	41	61	278	161.
8	601.6	14.4	67	28	95	748	12.
9	602.5	19.0	70	21	91	1032	13.
10	603.6	19.5	59	29	88	893	1.9
11	604.5	16.2	56	35	91	704	0.18
12	605.5	15.0	51	42	93	594	1.4

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 WICHITA BRANCH

Date 8-23-84

Albert Elmer # C-⁷

Crawford, County 30-27-22

NW/NE 30-27^S-22^E

Soil & Clay 0-25
Lime 25-27
Shale 27-59
Lime 59-71
Shale 71-134
Lime 134-142
Shale 142-163
Lime 163-201
Shale 201-256
Lime 256-275
Black Shale 275-281
5 Lime 281-286
Black Shale 286-288
Shale 288-593
Oil Sand 593-603
Shale 603-640
TD 640

Set 20 ft. of 7" Surface

Pipe, Cement to top

Core Run 593-613

Ran 634 ft of 4 1/2" pipe

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