

LOG

.P1

Company Advanced Recovery Services Co. Lease Albert Elmer Well No. M-3TUCKER SANDSTONE

<u>Depth Interval, Feet</u>	<u>Description</u>
581.0 - 584.0	Sandstone, light brown with widely scattered mica inclusions.
584.0 - 586.8	Sandstone, brown with widely scattered mica inclusions.
586.8 - 590.0	Sandstone, dark grayish brown, shaly with scattered mica and carbonaceous partings.
590.0 - 590.5	Sandstone, dark grayish brown with scattered mica and carbonaceous partings.
590.5 - 591.4	Sandstone, dark grayish brown, shaly with scattered mica and carbonaceous partings.
591.4 - 591.8	Sandstone, dark grayish brown with scattered mica and carbonaceous partings.
591.8 - 595.0	Sandstone, blackish brown, shaly, slightly carbonaceous with scattered mica partings.
595.0 - 597.7	Sandstone, dark gray, shaly with scattered shale and mica partings.

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WICHITA BRANCH

30-27-22e
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Oilfield Research Laboratories
RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Advanced Recovery Services Company Lease Albert Elmer Well No. M-3

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A. Ft.	Permeability, Millidarcys
			Oil	Water	Total		
1	581.5	18.9	16	61	77	235	84.
2	582.5	21.7	22	54	76	370	314.
3	583.6	21.9	23	55	78	391	371.
4	584.5	18.7	37	55	92	537	69.
5	585.5	20.6	31	56	87	495	141.
6	586.4	18.1	44	30	74	618	77.
7	587.5	13.4	54	43	97	561	1.4
8	588.5	15.9	43	42	85	530	Imp.
9	589.5	15.5	50	40	90	601	1.6
10	590.4	17.0	43	37	80	567	23.
11	591.5	19.1	32	31	63	474	50.
12	592.4	18.7	60	21	81	870	0.55
13	593.6	18.3	63	19	82	894	0.60
14	594.6	15.1	49	34	83	574	0.47
15	595.4	11.7	32	64	96	291	Imp.

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Black Diamond Drilling Co
Rt 2
Colony, Kansas 66015

- 36
Date 8-29-84

Albert Elmer # M-3

SW NE 30-27^s-22^e

Crawford, County 30-27-22

Soil & Clay	0-20
Shale	20-52
Lime	52-66
Shale	66-138
ne	138-184
Shale	184-240
Lime	240-261
Black Shale	261-269
Lime	269-274
ack Shale	274-276
Shale	276-580
Sand	580-592
Shale	592-630
TD	630

Set 21 ft of 7" Surface

Pipe, Cement to top

Core Run 580-600

Ran 622 ft. of 4½" Pipe

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