

State Geological Survey
WICHITA BRANCH

CORE ANALYSIS REPORT

FOR

ANADOR RESOURCES
SCHULTZ NO. 1-34 WELL
RUSH COUNTY, KANSAS

34-19-19W

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
OKLAHOMA CITY, OKLAHOMA

MAY 22, 1981

REPLY TO
SUITE 133
400 SOUTH VERMONT
OKLAHOMA CITY, OKLA.
73108

ANADOR RESOURCES
5700 S. QUEBEC - SUITE 320
ENGLEWOOD, COLORADO 80111

ATTN: MR. DAVE DUDZIK

SUBJECT: CORE ANALYSIS DATA
SCHULTZ NO. 1-34 WELL
RUSH COUNTY, KANSAS
CLI FILE 3402-10702

GENTLEMEN:

CORES TAKEN IN THE SUBJECT WELL IN THE WINFIELD FORMATION
WERE RECEIVED AT THE OKLAHOMA CITY LABORATORY FOR SPECIAL
ANALYTICAL TESTING DESCRIBED ON THE PROCEDURE PAGE.

THE ACCOMPANYING COREGRAPH PRESENTS THE SURFACE CORE GAMMA LOG
AND BINOMIALLY AVERAGED CORE ANALYSIS DATA IN GRAPHICAL FORM TO
AID CORRELATION WITH DOWNHOLE ELECTRICAL SURVEYS.

TABULAR PRESENTATION OF THE MEASURED PHYSICAL PROPERTIES MAY
BE FOUND ON PAGES ONE THROUGH SIX OF THIS REPORT.

IT IS A PLEASURE TO HAVE THIS OPPORTUNITY OF SERVING YOU.

VERY TRULY YOURS,

CORE LABORATORIES, INC.



DAVID C. MONK FOR
DALE E. BOYLE
DISTRICT MANAGER

7 CC - ADDRESSEE

ANADOR RESOURCES
SCHULTZ NO. 1-34 WELL
FILE NO: 3402-10702

PROCEDURE PAGE

HANDLING AND ANALYTICAL PROCEDURES

DIAMOND CORING EQUIPMENT AND WATER BASE MUD WERE USED TO OBTAIN 3.5 INCH DIAMETER CORES BETWEEN 2227 AND 2458 FEET.

THE CORES WERE NOT PRESERVED.

THE CORES WERE TRANSPORTED TO OKLAHOMA CITY BY CLI PERSONNEL.

A CORE GAMMA LOG WAS RECORDED FOR DOWNHOLE E-LOG CORRELATION.

CORE ANALYSIS WAS MADE IN THE INTERVALS REQUESTED ON RIGHT CYLINDER FULL DIAMETER SAMPLES.

FLUID REMOVAL WAS ACCOMPLISHED USING VACUUM RETORTS.

POROSITY WAS DETERMINED BY DENSITY BALANCE METHOD.

AIR PERMEABILITY IN TWO HORIZONTAL DIRECTIONS AND VERTICAL DIRECTION MEASURED WITHOUT KLINKENBERG CORRECTION.

CORES HAVE BEEN SHIPPED TO TRIPLE 'A' SLABBING, DENVER, COLORADO.

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering

DALLAS, TEXAS

1

ANADOR RESOURCES
 SCHULTZ NO. 1-34 WELL
 RUSH COUNTY, KANSAS

FILE NO: 3402-10702
 ENGINEER: BOYLE
 ELEVATION:

DATE: 5/22/81
 FORMATION: WINFIELD
 DRLG. FLUID: WATER BASE MUD
 LOCATION:

* INDICATES PLUG PERM

SMP. NO.	DEPTH	PERM. MAXIMUM	TO AIR MD. 90 DEG	VERT.	POROSITY PERCENT	FLUID SATS. OIL	SATS. WTR.	GR. DEN.	DESCRIPTION
WHOLE CORE ANALYSIS									
# 1	2277.0-78.0	13.0	11.0	0.3	15.1	0.0	92.8	2.79	SLT STN,DOL
# 2	2278.0-79.0	47.0	28.0	0.5	19.0	0.0	91.6	2.72	SLT STN,SL/DOL
# 3	2279.0-80.0	48.0	3.9	<0.1	7.5	0.0	90.1	2.84	SLT STN,SL/ANHY,SHY
# 4	2280.0-81.0	21.0	16.0	<0.1	13.3	0.0	92.4	2.78	SLT STN,SL/DOL
+ 5	2281.0-82.0	3.2	1.6	<0.1	9.0	0.0	90.8	2.76	SD,DOL,SHY
# 6	2282.0-83.0	104.0	92.0	0.1	15.8	0.0	93.4	2.74	SLT STN,SHY
7	2283.0-84.0	1.0	0.8	0.2	18.3	0.0	88.5	2.78	SD,DOL
+ 8	2284.0-85.0	38.0	32.0	<0.1	14.6	0.0	93.7	2.78	SD,DOL,SHY
# 9	2285.0-86.0	65.0	55.0	<0.1	13.5	0.0	94.4	2.73	SLT STN,SDY,SL/DOL
10	2286.0-87.0	1.8	1.7	0.1	19.1	0.0	86.5	2.73	SD,SL/DOL,SHY
11	2287.0-88.0	9.0	5.6	2.9	19.9	0.0	64.1	2.78	SD,DOL,VF
12	2288.0-89.0	5.8	5.8	2.6	18.5	0.0	71.9	2.74	SD,DOL
13	2289.0-90.0	0.1	0.1	<0.1	13.5	0.0	92.2	2.77	SD,SLTY,SL/DOL,SHY
14	2290.0-91.0	0.3	0.3	0.1	18.1	0.0	94.3	2.76	SD,SLTY,SL/DOL,SHY
# 15	2291.0-92.0	33.0	18.0	<0.1	14.8	0.0	93.8	2.77	SLT STN,DOL
# 16	2292.0-93.0	99.0	54.0	0.3	13.0	0.0	94.1	2.74	SLT STN,DOL
# 17	2293.0-94.0	38.0	28.0	0.3	15.7	0.0	91.4	2.80	SLT STN,DOL
# 18	2294.0-95.0	10.0	7.8	0.2	16.7	0.0	92.9	2.81	SLT STN,DOL
+ 19	2295.0-96.0	120.0	0.1	<0.1	14.2	0.0	94.4	2.78	SD,SLTY,DOL
20	2296.0-97.0	0.3	0.3	<0.1	18.1	0.0	92.1	2.78	SD,SLTY,DOL
21	2297.0-98.0	8.7	3.2	<0.1	15.9	0.0	93.7	2.75	SD,SLTY,DOL
22	2298.0-99.0	1.5	1.4	0.6	17.4	0.0	85.4	2.78	DOL,LMY,VGY,FOSS
23	2299.0-00.0	1.1	1.0	0.9	17.4	0.0	83.4	2.78	DOL,LMY,VGY,FOSS
24	2300.0-01.0	1.4	1.3	0.6	17.6	0.0	80.5	2.77	DOL,LMY,VGY,FOSS
25	2301.0-02.0	0.6	0.6	0.6	15.5	0.0	81.2	2.80	DOL,LMY,VGY,FOSS
26	2302.0-03.0	2.0	1.4	1.0	16.0	0.0	81.6	2.77	DOL,LMY,VGY,FOSS

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representation as to the accuracy of the data furnished or the results of the analysis or the interpretation of the data.

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
 DALLAS, TEXAS

2

ANADOR RESOURCES
 SCHULTZ NO. 1-34 WELL

DATE: 5/22/81
 FORMATION: WINFIELD

FILE NO: 3402-10702
 ENGINEER: BOYLE

SMP. NO.	DEPTH	PERM. TO AIR MD.		POROSITY		FLUID SATS.		GR. DEN.	DESCRIPTION
		MAXIMUM	90 DEG	VERT.	PERCENT	OIL	WTR.		
27	2303.0-04.0	1.4	1.1	0.7	14.3	0.0	74.0	2.77	DOL, LMY, VGY, FOSS
28	2304.0-05.0	0.7	0.7	0.4	13.3	0.0	82.2	2.79	DOL, LMY, VGY, FOSS
29	2305.0-06.0	1.6	1.6	0.5	17.5	0.0	82.1	2.83	DOL, LMY, VGY, FOSS
# 30	2306.0-07.0	48.0	37.0	0.2	14.8	0.0	87.8	2.81	SLT STN, DOL
# 31	2307.0-08.0	57.0	50.0	0.3	14.7	0.0	93.2	2.81	SLT STN, DOL
# 32	2308.0-09.0	28.0	22.0	<0.1	16.4	0.0	96.1	2.83	SLT STN, DOL
33	2309.0-10.0	<0.1	<0.1	<0.1	18.5	0.0	93.4	2.83	DOL, SLTY, SL/ANHY
34	2310.0-11.0	0.5	<0.1	<0.1	7.3	0.0	89.5	2.66	SD, SLTY, SHY
# 35	2311.0-12.0	1640.0	1596.0	0.1	13.4	0.0	89.0	2.78	SLT STN, DOL
# 36	2312.0-13.0	1410.0	1402.0	<0.1	10.6	0.0	72.1	2.76	SLT STN, DOL
# 37	2313.0-14.0	637.0	134.0	18.0	13.2	0.0	90.0	2.78	SLT STN, DOL
+ 38	2314.0-15.0	0.7	0.1	<0.1	11.2	0.0	93.3	2.73	SD, SLTY, SL/DOL
# 39	2315.0-16.0	43.0	10.0	3.9	11.6	0.0	96.6	2.67	SLT STN, SHY
# 40	2316.0-17.0	19.0	2.6	0.5	8.1	0.0	91.3	2.68	SLT STN, SHY
41	2317.0-18.0	12.0	11.0	0.3	8.6	0.0	91.4	2.70	SLT STN, SHY
42	2318.0-19.0	0.9	0.9	0.1	16.5	0.0	90.6	2.73	SD, SLTY, DOL
43	2319.0-20.0	5.4	5.4	0.1	31.4	0.0	53.9	2.84	DOL, SL/ANHY, VGY
44	2320.0-21.0	4.7	4.6	4.6	20.2	0.0	64.0	2.85	DOL, SL/ANHY, VGY
45	2321.0-22.0	4.3	2.1	3.4	15.4	0.0	60.4	2.86	DOL, SL/ANHY, VGY
46	2322.0-23.0	6.8	5.4	6.2	18.1	0.0	57.4	2.85	DOL, SL/ANHY, VGY
47	2323.0-23.5	1.6	1.5	0.4	16.1	0.0	84.0	2.73	LM, DOL, VGY
2323.5-2327.0 LOST CORE									
# 48	2327.0-28.0	1.0	0.3	<0.1	8.5	0.0	92.7	2.69	SLT STN, LMY
# 49	2328.0-29.0	12.0	9.6	3.3	13.2	0.0	90.1	2.67	SLT STN, LMY
# 50	2329.0-30.0	21.0	17.0	0.5	11.6	0.0	93.6	2.65	SLT STN, LMY
# 51	2330.0-31.0	3.0	2.1	<0.1	10.3	0.0	87.9	2.66	SLT STN, LMY
52	2331.0-32.0	710.0	<0.1	453.0	18.4	0.0	95.4	2.86	LM, ANHY, SHY, VF
53	2332.0-33.0	130.0	0.3	0.3	14.0	0.0	92.1	2.72	LM, PP VGS, SL/DOL, VF
54	2333.0-34.0	210.0	0.6	204.0	14.4	0.0	89.4	2.73	LM, PP VGS, SL/DOL, VF
55	2334.0-35.0	1.8	1.6	0.4	17.9	0.0	91.1	2.80	LM, PP VGS, DOL

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representations as to the productivity, number, operations or profitability of any oil gas or other mineral well or sand in connection with which such report is used or relied upon.

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

3

ANADOR RESOURCES
SCHULTZ NO. 1-34 WELL

DATE: 5/22/81
FORMATION: WINFIELD

FILE NO: 3402-10702
ENGINEER: BOYLE

SMP. NO.	DEPTH	PERM. TO AIR MD.		POROSITY PERCENT	FLUID SATS.		GR. DEN.	DESCRIPTION
		MAXIMUM	90 DEG VERT.		OIL	WTR.		
56	2335.0-36.0	2.5	1.0	18.0	0.0	92.8	2.71	LM,PP VGS,SL/DOL
57	2336.0-37.0	23.0	9.8	17.3	0.0	74.0	2.72	LM,PP VGS,SL/DOL
58	2337.0-38.0	3.8	1.2	19.5	0.0	94.2	2.77	LM,PP VGS,SL/DOL
59	2338.0-39.0	16.0	13.0	27.2	0.0	81.8	2.81	DOL,PP VGS,SL/ANHY
60	2339.0-40.0	*	14.0	30.3	0.0	92.4	2.81	DOL,PP VGS,SL/ANHY
61	2340.0-41.0	4.1	<0.1	23.4	0.0	93.7	2.81	DOL,PP VGS,SL/ANHY
62	2341.0-42.0	1.4	0.5	20.5	0.0	90.8	2.80	DOL,PP VGS,SL/ANHY
63	2342.0-43.0	15.0	13.0	18.0	0.0	93.8	2.79	LM,ANHY,VF
64	2343.0-44.0	0.1	<0.1	7.8	0.0	89.6	2.64	LM,CHTY,SL/ANHY
65	2344.0-45.0	0.2	<0.1	14.3	0.0	89.1	2.74	DOL,CHTY,SL/ANHY
66	2345.0-46.0	1.1	0.3	21.9	0.0	92.4	2.82	DOL,SL/ANHY,PP VGS
67	2346.0-47.0	0.4	<0.1	19.5	0.0	89.7	2.81	DOL,SL/ANHY,PP VGS
68	2347.0-48.0	0.2	0.1	19.5	0.0	84.2	2.83	DOL,SL/ANHY,VGY
69	2348.0-49.0	0.4	0.2	17.1	0.0	85.6	2.79	DOL,SL/ANHY,VGY,LMY
70	2349.0-50.0	<0.1	<0.1	10.9	0.0	90.5	2.73	LM,SL/DOL,VGY
71	2350.0-51.0	0.4	0.1	14.8	0.0	93.9	2.74	LM,SL/DOL,VGY
72	2351.0-52.0	12.0	<0.1	22.7	0.0	75.6	2.71	LM,SL/DOL,VGY
73	2352.0-53.0	*	<0.1	26.5	0.0	81.2	2.71	LM,SL/DOL,VGY
74	2353.0-54.0	2.9	<0.1	29.1	0.0	80.7	2.69	LM,SL/DOL,VGY
75	2354.0-55.0	*	<0.1	31.7	0.0	80.5	2.73	LM,SL/DOL,VGY
76	2355.0-56.0	1.8	1.3	25.2	0.0	76.0	2.74	LM,SL/DOL,VGY
77	2356.0-57.0	2.6	2.5	19.1	0.0	73.9	2.74	LM,SL/DOL,VGY
78	2357.0-58.0	2.2	1.7	18.4	0.0	79.7	2.74	LM,SL/DOL,VGY
79	2358.0-59.0	4.0	3.2	19.7	0.0	75.0	2.76	LM,SL/DOL,VGY
80	2359.0-60.0	4.8	2.1	19.8	0.0	78.2	2.75	LM,SL/DOL,VGY
81	2360.0-61.0	2.9	2.2	18.6	0.0	85.2	2.75	LM,SL/DOL,VGY
82	2361.0-62.0	1.1	0.8	14.1	0.0	77.6	2.79	LM,SL/DOL,VGY,ANHY
83	2362.0-63.0	0.2	0.1	12.5	0.0	79.1	2.78	LM,SL/DOL,VGY
84	2363.0-64.0	0.1	<0.1	12.3	0.0	79.2	2.75	LM,SL/DOL,PP VGS
85	2364.0-65.0	0.2	0.2	18.6	0.0	85.2	2.80	DOL,SL/ANHY
# 86	2365.0-66.0	2.9	<0.1	9.6	0.0	81.4	2.75	SLT STN,DOL
# 87	2366.0-67.0	10.0	<0.1	9.0	0.0	82.7	2.75	SLT STN,DOL

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

4

ANADOR RESOURCES
SCHULTZ NO. 1-34 WELL

DATE: 5/22/81
FORMATION: WINFIELD

FILE NO: 3402-10702
ENGINEER: BOYLE

SMP. NO.	DEPTH	PERM. TO AIR MD.		POROSITY		FLUID SATS.		GR. DEN.	DESCRIPTION
		MAXIMUM	90 DEG	VERT.	PERCENT	OIL	WTR.		
# 88	2367.0-68.0	5.0	4.3	4.0	8.1	0.0	82.3	2.70	SLT STN,SL/DOL
# 89	2368.0-69.0	95.0	63.0	7.5	13.7	0.0	82.2	2.72	SLT STN,SL/DOL
# 90	2369.0-70.0	50.0	44.0	7.5	17.7	0.0	68.6	2.66	SLT STN,SHY
# 91	2370.0-71.0	76.0	54.0	27.0	20.1	0.0	60.3	2.67	SLT STN,SHY
# 92	2371.0-72.0	8.6	0.5	0.1	17.6	0.0	62.1	2.68	SLT STN,SHY,SL/ANHY
	2372.0-75.0								SH,SLTY
# 93	2375.0-76.0	0.5	0.4	0.1	19.2	0.0	65.7	2.72	SLT STN,SHY,SL/ANHY
# 94	2376.0-77.0	78.0	76.0	14.0	21.5	0.0	64.8	2.69	SLT STN,SHY,SL/ANHY
# 95	2377.0-78.0	64.0	43.0	10.0	18.2	0.0	82.1	2.79	SLT STN,DOL,SL/ANHY
+ 96	2378.0-79.0	1.0	0.7	<0.1	14.8	0.0	92.9	2.84	SLT STN,DOL,SL/ANHY
+ 97	2379.0-80.0	15.0	2.3	0.1	5.3	0.0	87.4	2.78	SLT STN,DOL,SL/ANHY
# 98	2380.0-81.0	0.9	0.9	<0.1	15.7	0.0	82.4	2.76	SLT STN,DOL,SL/ANHY
# 99	2381.0-82.0	0.1	0.1	<0.1	15.3	0.0	83.6	2.76	SLT STN,DOL,SL/ANHY
+ 100	2382.0-83.0	0.2	<0.1	<0.1	10.0	0.0	83.3	2.69	SLT STN,SL/ANHY
101	2383.0-84.0	<0.1	<0.1	<0.1	13.1	0.0	77.1	2.72	SLT STN,SL/ANHY
102	2384.0-85.0	0.4	0.3	<0.1	15.9	0.0	81.1	2.77	SLT STN,SL/ANHY
103	2385.0-86.0	0.7	0.7	0.1	17.7	0.0	80.6	2.74	SLT STN,SL/ANHY
# 104	2386.0-87.0	2.2	2.2	0.1	14.4	0.0	82.5	2.72	SLT STN,SL/ANHY
# 105	2387.0-88.0	5.7	4.6	0.1	11.1	0.0	89.4	2.76	SLT STN,SL/ANHY
+ 106	2388.0-89.0	0.4	0.3	<0.1	14.7	0.0	84.4	2.77	SLT STN,ANHY
# 107	2389.0-90.0	1.8	1.7	0.1	17.0	0.0	88.9	2.75	SLT STN,ANHY
# 108	2390.0-91.0	81.0	59.0	4.5	13.9	0.0	85.8	2.72	SLT STN,SL/ANHY
+ 109	2391.0-92.0	1.0	0.2	<0.1	13.7	0.0	86.1	2.72	SLT STN,SL/ANHY
# 110	2392.0-93.0	1.0	0.7	0.4	16.9	0.0	84.7	2.73	SLT STN,SL/ANHY
# 111	2393.0-94.0	32.0	19.0	3.3	14.7	0.0	85.2	2.81	SLT STN,DOL,ANHY
112	2394.0-95.0	14.0	11.0	10.0	33.7	0.0	86.1	2.86	DOL,SL/ANHY,VGY
113	2395.0-96.0	2.1	2.0	0.4	23.5	0.0	91.4	2.82	DOL,SL/ANHY,VGY
114	2396.0-97.0	1.0	0.7	0.1	22.9	0.0	92.8	2.85	DOL,SL/ANHY,VGY
115	2397.0-98.0	7.4	6.0	<0.1	25.9	0.0	92.6	2.84	DOL,SL/ANHY,VGY,SHY
116	2398.0-99.0	2.7	2.7	<0.1	24.2	0.0	92.5	2.85	DOL,SL/ANHY,VGY
117	2399.0-00.0	9.4	8.0	8.6	27.0	0.0	96.8	2.89	DOL,SL/ANHY,VGY
118	2400.0-01.0	15.0	9.5	13.0	24.1	0.0	86.1	2.89	DOL,SL/ANHY,VGY

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representation as to the individual or other operation or performance of any well or other equipment which is used in connection with which report is made or relied upon.

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering

DALLAS, TEXAS

5

ANADOR RESOURCES
 SCHULTZ NO. 1-34 WELL

DATE: 5/22/81
 FORMATION: WINFIELD

FILE NO: 3402-10702
 ENGINEER: BOYLE

SMP. NO.	DEPTH	PERM. TO AIR MD.		POROSITY		FLUID SATS.		GR. DEN.	DESCRIPTION
		MAXIMUM	90 DEG	VERT.	PERCENT	OIL	WTR.		
119	2401.0-02.0	35.0	34.0	5.5	22.6	0.0	88.6	2.86	DOL,SL/ANHY,VGY,VF
120	2402.0-03.0	14.0	12.0	13.0	18.8	0.0	86.7	2.85	DOL,SL/ANHY,VGY,VF
121	2403.0-04.0	8.8	5.0	3.2	14.9	0.0	89.4	2.89	DOL,SL/ANHY,VGY,VF
122	2404.0-05.0	5.7	5.4	<0.1	11.7	0.0	71.2	2.84	DOL,SL/ANHY,PP VGS
123	2405.0-06.0	7.2	5.8	5.1	17.2	0.0	85.1	2.78	DOL,SL/ANHY,PP VGS
124	2406.0-07.0	3.7	2.3	2.0	15.4	0.0	86.1	2.77	DOL,SL/ANHY,PP VGS
125	2407.0-08.0	5.0	4.7	0.1	15.2	0.0	78.8	2.81	DOL,SL/ANHY,PP VGS
126	2408.0-09.0	6.0	5.3	5.7	21.1	0.0	90.4	2.80	DOL,SL/ANHY,PP VGS
127	2409.0-10.0	3.1	2.9	2.4	19.2	0.0	82.0	2.80	DOL,SL/ANHY,PP VGS
128	2410.0-11.0	3.0	2.6	3.1	16.0	0.0	68.9	2.77	DOL,SL/ANHY,PP VGS
129	2411.0-12.0	1.7	1.4	0.9	18.1	0.0	72.4	2.80	DOL,SL/ANHY,VGY
130	2412.0-13.0	*	7.5	1.3	25.4	0.0	85.8	2.83	DOL,SL/ANHY,VGY
131	2413.0-14.0	5.8	5.7	5.3	23.5	0.0	71.7	2.81	DOL,SL/ANHY,VGY
132	2414.0-15.0	6.9	6.8	5.9	25.9	0.0	78.0	2.85	DOL,SL/ANHY,VGY
133	2415.0-16.0	11.0	9.6	10.0	27.0	0.0	81.5	2.87	DOL,SL/ANHY,VGY
134	2416.0-17.0	1.4	1.3	0.6	19.8	0.0	87.2	2.84	DOL,SL/ANHY,VGY
135	2417.0-18.0	0.9	0.9	0.7	18.8	0.0	85.5	2.83	DOL,SL/ANHY,PP VGS
136	2418.0-19.0	0.1	0.1	0.1	17.2	0.0	86.1	2.78	DOL,SL/ANHY,PP VGS
137	2419.0-20.0	0.1	0.1	<0.1	15.7	0.0	86.6	2.76	LM,DOL,SL/ANHY
138	2420.0-21.0	1.4	<0.1	<0.1	14.9	0.0	88.8	2.75	LM,DOL,SL/ANHY
2421.0-2424.0 LOST CORE									
139	2424.0-25.0	<0.1	<0.1	<0.1	15.3	0.0	86.8	2.72	LM,DOL,SL/ANHY
140	2425.0-26.0	0.1	0.1	<0.1	16.1	0.0	85.9	2.73	LM,DOL,SL/ANHY
141	2426.0-27.0	0.1	0.1	<0.1	16.5	0.0	84.6	2.75	LM,DOL,SL/ANHY
142	2427.0-28.0	0.4	0.4	0.3	17.8	0.0	85.5	2.72	LM,DOL,SL/ANHY
143	2428.0-29.0	<0.1	<0.1	<0.1	10.1	0.0	86.4	2.75	LM,DOL,SL/ANHY,SHY
144	2429.0-30.0	1.0	0.7	0.1	20.5	0.0	89.7	2.79	DOL,SL/ANHY,PP VGS
145	2430.0-31.0	<0.1	<0.1	<0.1	16.5	0.0	92.8	2.80	DOL,SL/ANHY,PP VGS
146	2431.0-32.0	3.2	1.3	0.2	13.9	0.0	89.1	2.82	DOL,SL/ANHY,SLTY
147	2432.0-33.0	43.0	20.0	8.0	13.0	0.0	91.7	2.73	SLT STN,SL/ANHY

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering

DALLAS, TEXAS

6

ANADOR RESOURCES
 SCHULTZ NO. 1-34 WELL

DATE: 5/22/81
 FORMATION: WINFIELD

FILE NO: 3402-10702
 ENGINEER: BOYLE

SMP. NO.	DEPTH	PERM. TO AIR MD.		POROSITY PERCENT	FLUID SATS.		GR. DEN.	DESCRIPTION
		MAXIMUM	90 DEG		OIL	WTR.		
# 148	2433.0-34.0	47.0	44.0	15.6	0.0	92.1	2.71	SLT STN, SL/ANHY
149	2434.0-35.0	119.0	106.0	20.9	0.0	75.0	2.73	SLT STN, SL/ANHY
150	2435.0-36.0	3.4	2.9	19.8	0.0	83.2	2.78	LM, SL/ANHY, VGY
151	2436.0-37.0	2.7	1.9	22.4	0.0	83.6	2.77	LM, SL/ANHY, VGY
152	2437.0-38.0	13.0	9.2	27.6	0.0	82.8	2.72	LM, SL/ANHY, VGY
153	2438.0-39.0	0.1	0.1	33.3	0.0	82.4	2.72	LM, SL/ANHY, VGY
154	2439.0-40.0	7.6	7.2	21.4	0.0	86.9	2.75	LM, SL/ANHY, VGY
155	2440.0-41.0	0.4	0.3	23.3	0.0	77.9	2.75	LM, SL/ANHY, VGY
156	2441.0-42.0	1.7	1.2	18.6	0.0	82.4	2.77	LM, SL/ANHY, VGY
157	2442.0-43.0	1.1	0.9	19.1	0.0	79.3	2.73	LM, SL/ANHY, VGY
158	2443.0-44.0	<0.1	<0.1	20.7	0.0	85.4	2.84	LM, SL/ANHY, VGY
159	2444.0-45.0	0.1	0.1	27.3	0.0	92.9	2.77	LM, SL/ANHY, VGY
160	2445.0-46.0	*	<0.1	28.7	0.0	92.8	2.72	LM, SL/ANHY, VGY
161	2446.0-47.0	0.1	<0.1	23.6	0.0	92.3	2.84	LM, SL/ANHY, DOL, VGY
162	2447.0-48.0	0.1	0.1	22.8	0.0	88.0	2.72	LM, SL/ANHY, VGY
163	2448.0-49.0	0.2	0.1	12.0	0.0	90.9	2.73	LM, SL/ANHY, VGY
164	2449.0-50.0	8.0	3.8	8.9	0.0	94.5	2.77	LM, SL/ANHY, PP VGS
165	2450.0-51.0	7.9	7.8	6.0	0.0	87.5	2.73	LM, SL/ANHY, PP VGS
166	2451.0-52.0	1.0	0.8	11.2	0.0	86.6	2.78	LM, SL/ANHY, PP VGS
167	2452.0-53.0	<0.1	<0.1	11.1	0.0	87.1	2.73	LM, SL/ANHY, PP VGS
168	2453.0-54.0	0.2	0.2	13.3	0.0	91.9	2.76	LM, SL/ANHY, PP VGS
169	2454.0-55.0	0.2	0.2	15.0	0.0	87.3	2.75	LM, SL/ANHY, PP VGS
170	2455.0-56.0	0.3	0.3	13.2	0.0	86.1	2.75	LM, SL/ANHY, PP VGS
171	2456.0-57.0	0.6	0.1	16.2	0.0	83.3	2.79	LM, SL/ANHY, PP VGS
172	2457.0-58.0	7.0	2.2	11.5	0.0	85.9	2.74	LM, SL/ANHY, PP VGS

+ DENOTES HORIZONTAL CRACKS

DENOTES CHAOTIC FISSURES

LAB

CORE LABORATORIES, INC.

Petroleum Reservoir Engineering

COMPANY	ANADOR RESOURCES	FILE NO	3402-10702
WELL	SCHULTZ NO. 1-34	DATE	5/22/81
FIELD		FORMATION	WINFIELD
COUNTY	RUSH	STATE	KANSAS
		DRLG. FLD.	WATER BASE MUD
LOCATION		CORES	

CORRELATION COREGRAPH

These analyses, opinions or interpretations are based on observations and material supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc., (all errors or omissions excepted), but Core Laboratories, Inc., and its officers and employees, assume no responsibility and make no warranty or representations as to the productivity, proper operation, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

VERTICAL SCALE 5" 100'

Total Water

PERCENT PORE SPAC
100 80 60 40 20

Gamma Ray

RADIATION INCREASE →

Permeability

MILLIDARCIES

Porosity

PERCENT

Oil Saturation

PERCENT PORE SPAC

Depth
Feet

2250

2300

2350

2400

2450

2500