

ROTARY ENGINEERS LABORATORIES

PHONE 4-8288 700 S. PECOS

MIDLAND, TEXAS

SUMMARY OF ANALYSIS

~~Amerada Pet. Corp.~~

~~Wells et al # 1~~

COMPANY _____ WELL _____

TYPE CORING FLUID

WATER BASE

OIL BASE

11,747

11,840

INTERVAL CORED

113'

FEET OF CORE ANALYZED

92'

FEET OF CORE CONSIDERED TO BE OIL PRODUCTIVE

8.8%

AVERAGE POROSITY

14% ml.

AVERAGE PERMEABILITY

AVERAGE TOTAL WATER SATURATION

AVERAGE RESIDUAL OIL SATURATION

REMARKS:

That portion of the core with less than one millidarcy permeability was not considered to be productive.

ILLEGIBLE

ROTARY ENGINEERS LABORATORIES

CORE ANALYSIS TABULAR DATA

SAMPLE NUMBER	DEPTH	PLUG PERM M. D.	PLUS POROSITY %	EFFECTIVE POROSITY %	PERMEABILITY OF EFFECTIVE POROSITY M. D.	TOTAL WATER SATURATION % P. V.	RESIDUAL OIL SATURA- TION % P. V.	PROBABLE PRODUCTION	REMARKS
48	11,818-19.5			.6	-.1				dense lime
49	-21			.8	-.1				
50	-22.5			.2	-.1				
51	-24			.6	-.1				
52	-25.5			.5	-.1				
53	-27			.2	-.1				
54	-28.5			.3	-.1				
55	-30			.3	-.1				
56	-31.5			.3	-.1				
57	-33			.6	-.1				
58	-34.5			3.5	31.0				porous lime
59	-36			2.7	42.0				
60	-37.5			1.5	46.0				
61	-39			.6	-.1				
62	-40.5			2.4	9.0				
63	-42			1.9	14.0				
64	-43.5			1.7	6.0				
65	-45			1.7	12.0				
66	-46.5			.9	6.0				
67	-48			2.2	18.0				
68	-49.5			2.7	29.0				
69	-51			2.1	32.0				
70	-52.5			5.3	222.0				
71	-54			4.1	117.0				
72	-55.5			2.4	42.0				
73	-57			1.8	6.0				
74	-58.5			.4	-.1				
75	-60			.6	-.1				

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CORE ANALYSIS

MIDLAND, TEXAS

WATER ANALYSIS

COREGRAPH

COMPANY Amerada Petroleum Corp.

WELL Weems et al # 1

FIELD Wildcat

COUNTY Yockum

STATE Texas

FROM TO
DEPTH 11,717 11,860

DATE 10-27-62

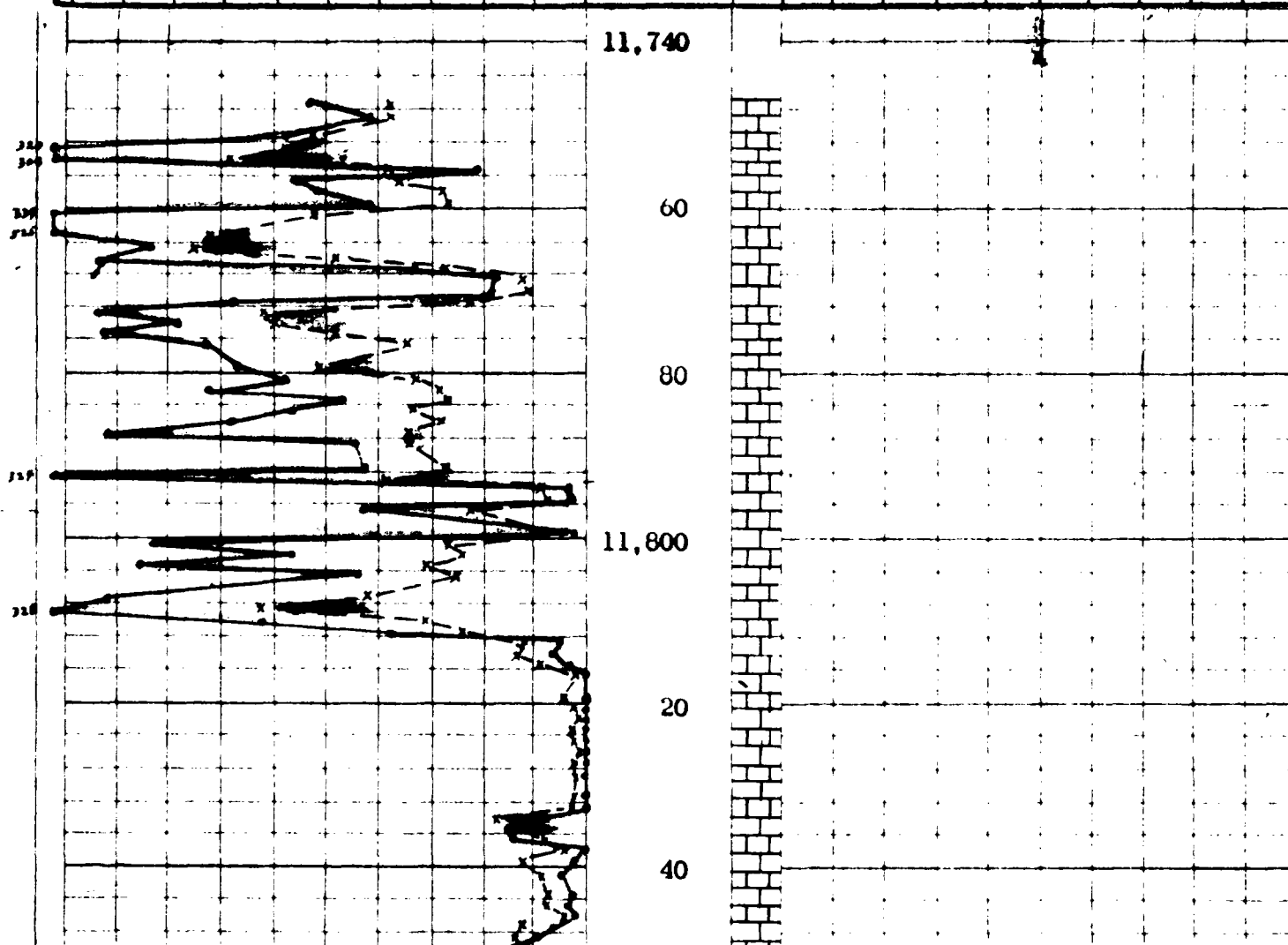
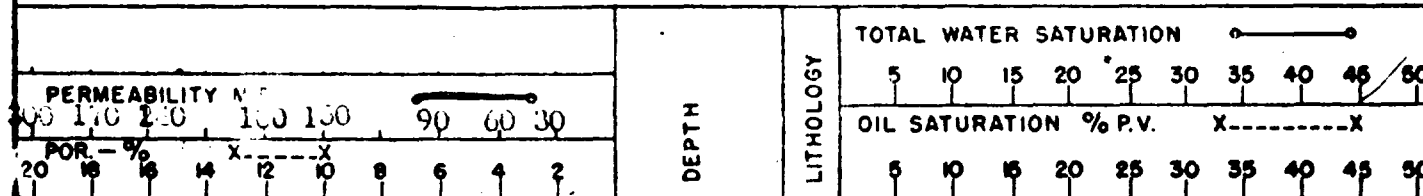
ANALYST LCL

REMARKS Devonian

TYPE CORE BARREL Diamond

ELEVATION

- ☒ SANDSTONE
- ☐ LIMESTONE
- ☐ DOLOMITE
- ☐ SHALE
- ☐ CHERT
- ☐ ANHYDRITE - GYP
- ☐ COAL
- ☒ LOST CORE



ROTARY ENGINEERS LABORATORIES
PHONE 4-8289 700 S. PECOS
MIDLAND, TEXAS

October 27, 1962

Amerada Petroleum Corp.,
McClintic Building,
Midland, Texas

Att: Mr. J. C. Blackwood

Dear Sirs:

The cores from your Wooma et al # 1 well in Yoakum County, Texas have been analyzed for porosity and permeability by Special Analysis method. The results are herewith submitted in both tabular and graphic form. The graph is plotted on a scale of 5" to 100' to correlate with the electric logs of the same scale.

The cores were not "quick frozen", and no fluids are reported.

We appreciate your business, and hope the results are satisfactory.

Yours very truly,

^a
A.E. Patterson

ILLEGIBLE

ILLEGIBLE

ROTARY ENGINEERS LABORATORIES

CORE ANALYSIS TABULAR DATA

COMPANY	Amerada Pet. Corp.	WELL	Neams et al # 1	FIELD	Wildcat
COUNTY	Yoshum	STATE	Texas	DATE	10-27-68
FORMATION	Devonian	TYPE ANALYSIS	Special	ANALYST	W.L.
				JOB NO.	2-445

REMARKS porosity & permeability only

SAMPLE NUMBER	DEPTH	PLUG PERM M. D.	PLUG POROSITY %	EFFECTIVE POROSITY %	PERMEABILITY OF EFFECTIVE POROSITY M. D.	TOTAL WATER SATURATION % P. V.	RESIDUAL OIL SATURATION % P. V.	PROBABLE PRODUCTION	REMARKS
1	11,747-48.5			7.6	161.0				lime & sil. material
2	-50			7.4	123.0				
3	-51.5			11.4	173.0				lime, vuggy
4	-53			11.6	200.0				
5	-54.5			13.7	204.0				
6	-56			7.6	61.0				
7	-57.5			7.2	170.0				
8	-59			8.6	186.0				
9	-60.5			5.3	125.0				
10	-62			10.3	334.0				
11	-63.5			14.5	525.0				
12	-65			15.0	253.0				
13	-66.5			9.4	262.0				
14	-68			5.3	101.0				
15	-69.5			2.3	55.0				lime, sil. por.
16	-71			2.1	59.0				
17	-72.5			4.7	204.0				
18	-73.5			12.2	265.0				lime, sil. vuggy
19	-75			12.0	236.0				
20	-76.5			9.9	261.0				
21	-78			7.1	223.0				
22	-79.5			10.1	198.0				
23	-81			6.4	175.0				
24	-82.5			5.7	217.0				
25	-84			5.5	140.0				
26	-85.5			6.9	172.0				
27	-87			5.9	205.0				
28	-88.5			7.0	274.0				
29	-90			7.1	133.0				
30	-91.5			5.4	126.0				
31	-93			7.6	324.0				
32	-94.5			1.6	11.0				dense lime
33	-96			1.37	7.0				
34	-97.5			4.5	130.0				
35	-99			1.6	9.0				
36	-01			5.6	250.0				lime, sil. por.
37	11,601-03			5.1	160.0				
38	-04.5			0.2	257.0				
39	-06			5.0	135.0				
40	-07.5			0.4	279.0				
41	-09			12.7	320.0				
42	-10.5			6.1	165.0				
43	-12			5.1	116.0				
44	-13.5			2.2	15.0				
45	-15			2.5	16.0				
46	-16.5			1.9	7.0				dense lime
47	-18			.3	-.1				