HALLIBURTON
SERVICES

410 UNION CENTER BUILDING
WICHITA, KANSAS 67202

December 14, 1981

Mr. Alfred Jennings
CRD - A139
Halliburton Services
P. O. Drawer 1431
Duncan, Oklahoma 73536

RE: Commonwealth Petroleum
Jack Farber 1-A North
Sec 29, T29S, R2E
Sedgwick County, Kansas

WELL DATA:

Formation	Simpson Formation
Depth	3534'-3546'
BHT	110° F from DST
BHP	1175-1185 psi from DST

REQUESTED TESTS:

1) X-Ray Diffraction
2) Acid Solubility
   - 7½% Regular Acid
   - 15% Regular Acid
   - Regular HF Acid
3) Immersion
   - 7½% Regular Acid
   - 15% Regular Acid
   - 7½% MCA Acid
   - 15% MCA Acid
   - 2% KCl Water
   - Kerosene
4) Rock Properties
5) Scanning Electron Microscope
6) Regained Permeability
   - 2% KCl water
   - 2% KCl water & Cla-Sta
   - 7½% Regular Acid
   - 7½% Regular Acid & Cla-Sta
   - Kerosene
   - Kerosene and Cla-Sta O

The cores will be shipped by bus, to Duncan. Enclosed is a copy of the Core Lab report for the same set of cores.

In the first box, are some shale samples -- do not work on these cores, just the sand sections.

Please call the results of the X-Ray, Immersion, and Acid Solubility tests to the Wichita Office as soon as they are run. We would like this information by December 24, 1981.

Return the copies of the reports and the remaining core to me in Wichita, and I will return them to the customer.

Thank you,

John A. Ringhisen
Technical Advisor

JAR/cmr:1-16

Encl.

cc: Mr. M. L. Klein

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

PRELIMINARY REPORT

CORE ANALYSIS RESULTS

Company COMMON WEALTH PETROLEUM | Formation SIMPSON | File 3406-01163
Well JACK FARBER 1-A NORTH | Core Type DIAMOND | Date Report 11/30/81
Field | Drilling Fluid WATER BASE MUD | Analysts HUDSON
County SEDGWICK State KANSAS Elev. Location SEC. 29-29S-2E

Lithological Abbreviations

SAND-SD, SHALE-SH, LIME-LM | DOLOMITE-DOL, CHERT-CH, GYPSUM-GYP | ANHYDRITE-ANHY, CONGLOMERATE-CONG, FOSSILIFEROUS-FOSS | SANDY-SDY, SHALY-SHY, LIMY-LMY | FINE-FN, MEDIUM-MED, COARSE-CSE | CRYSTALLINE-XLN, GRAIN-GRN, GRANULAR-GRNL | BROWN-BRN, GRAY-GY, VUGGY-VGY | FRACTURED-FRAC, LAMINATION-LAM, STYLOLITIC-STY | SLIGHTLY-SL/, VERY-V/, WITH-W/

CONVENTIONAL PLUG ANALYSIS

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYS	POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE: OIL	RESIDUAL SATURATION PER CENT PORE: TOTAL WATER	SAMPLE DESCRIPTION AND REMARKS
	3528.0 - 29.0					sd/shy
1	3529.0 - 30.0	<0.1	9.6	20.2	12.7	sd/sl/dol
	3530.0 - 31.2					sd/shy
	3531.2 - 34.4					sh
	3534.4 - 35.0					sh/sl/sdy
2	3535.0 - 36.0	0.1	8.4	0.0	79.5	sd/sl/dol/sh lam
	3536.0 - 38.0					sd
3	3538.0 - 39.0	0.1	3.8	0.0	68.0	sd/sl/dol/sl/sid
4	3539.0 - 40.0	0.7	9.3	18.5	37.0	sd/sl/dol/sl/sid
5	3540.0 - 41.0	8.9	9.6	18.0	28.2	sd/sl/dol/sl/sid
6	3541.0 - 42.0	4.9	14.8	14.3	46.1	sd/sl/dol/sh lam
7	3542.0 - 43.0	54.0	13.6	18.2	34.7	sd/sl/lmy/sid
8	3543.0 - 44.0	3.8	13.0	15.0	35.4	sd/sl/lmy/sh lam
9	3544.0 - 45.0	0.3	6.8	0.0	73.8	sd/pyr
	3545.0 - 45.5					sd
10	3545.5 - 46.0	8.3	11.2	19.5	36.8	sd/pyr
11	3546.0 - 47.0	2.0	8.8	13.0	60.3	sd/pyr
12	3547.0 - 47.5	4.7	8.0	3.1	69.0	sd/pyr/sl/lmy/flor
	3547.5 - 48.0					lm/sl/sdy
13	3548.0 - 49.0	0.4	9.8	15.4	46.2	sd/sl/lmy/sid/flor

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

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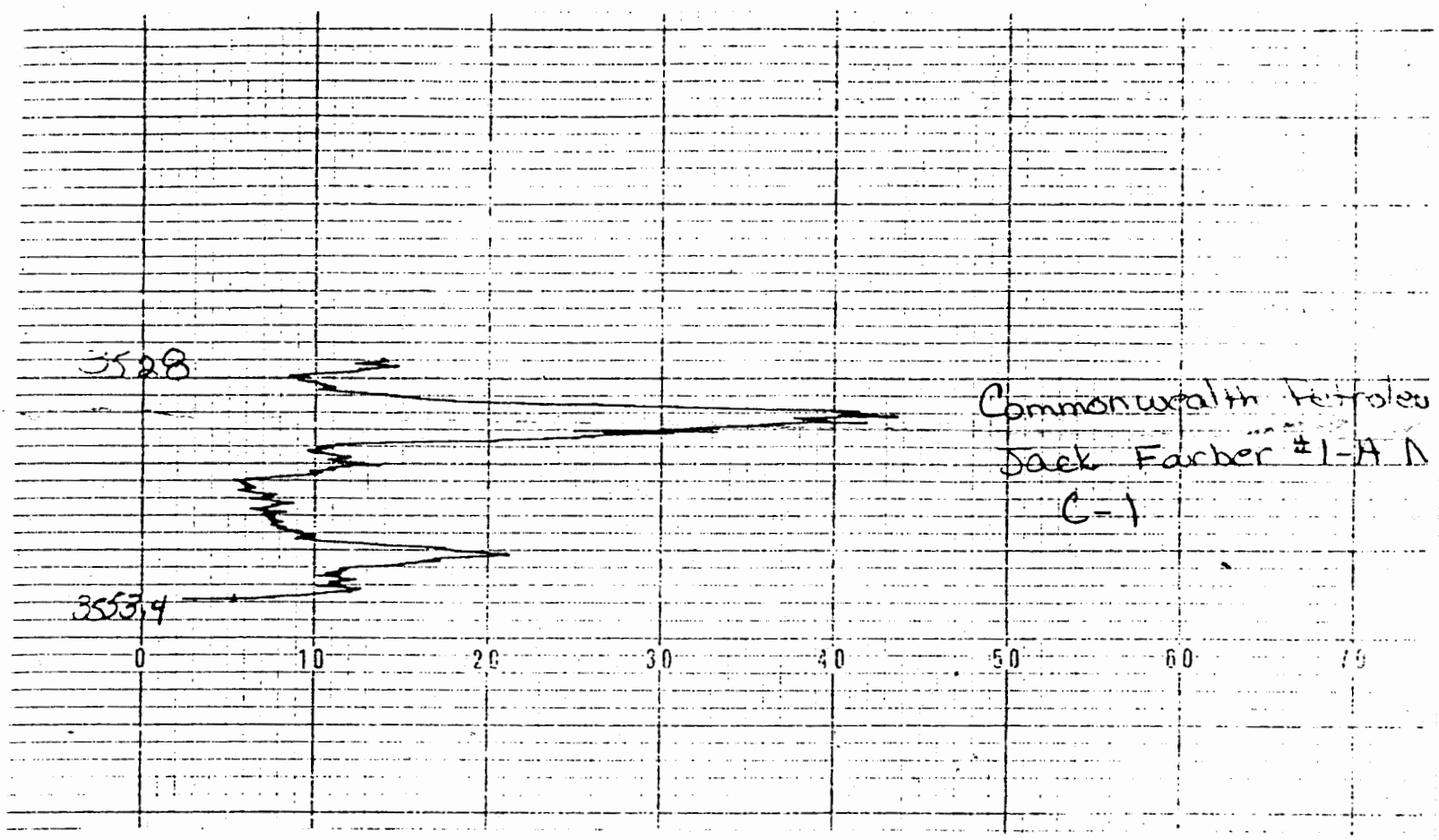
Well JACK FARBER 1-A North

CORE ANALYSIS RESULTS

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYS	POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		SAMPLE DESCRIPTION AND REMARKS
				OIL	TOTAL WATER	
	3549.0 - 50.0					sd,sl/lmy,sh lam
14	3550.0 - 51.0	0.6	9.2	9.7	58.0	sd,sl/lmy,sid,flor
	3551.0 - 53.4					lm,sl/sdy,green sh lam,vgy


3528
3553.4
0
10
20
30
40
50
60
70
Commonwealth Petroleu
Jack Farber #1-A
C-1