PHILLIPS PETROLEUM COMPANY

LAMBIRTH (A) NO. 3 PETERSON FUSSELMAN SOUTH FIELD ROOSEVELT COUNTY, NEW MEXICO

3415 WEST WALL, BOX 4337, MIDEAND, TEXAS 79701 - 0157694 7761

CORE LABORATORIES, INC.

June 5, 1979

PHILLIPS PETROLEUM COMPANY 4001 Penbrook Odessa, Texas 79762

File : 3202-11139
Subject: Core Analysis
Lambirth (A) No. 3
Peterson Fusselman South Field
Roosevelt County, New Mexico

Gentlemen:

The subject well was cored using diamond coring equipment and salt gel to obtain $4\frac{1}{4}$ inch diameter cores from 7660 to 7710 feet and from 7770 to 7824 feet from the Fusselman formation.

Core analysis data is presented in tabular and graphical form for your convenience. A procedural page is also included with other pertinent data.

We trust these data will be useful in the evaluation of your property and thank you for the opportunity of serving you.

Very truly yours,

CORE LABORATORIES, INC.

Jack H. Neff Laboratory Manager

JHN/jdt/ks

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PHILLIPS PETROLEUM COMPANY Lambirth (A) No. 3 File: 3202-11139 Procedural Page

The cores were preserved at the wellsite in a CO_2 atmosphere and transported to Midland by Core Laboratories, Inc. personnel.

A Core Gamma Log was recorded for downhole E-log correlation.

Core analysis was made from intervals requested on whole core diameter samples.

Fluid removal and fluid saturations were determined using controlled temperature vacuum retort techniques.

Porosity was determined using whole core summation of fluids.

Air permeability was measured in two horizontal directions in a hassler sleeve.

The core was boxed after the analysis and sent via Merchants Motor Freight to Phillips Petroleum Company in Houston. CORE LABORATORIES, INC. Petroleum Reservoir Engineering DALLAS, TEXAS

CORE ANALYSIS REPORT

FOR

PHILLIPS PETROLEUM CO.

LAMBIRTH (A) NO. 3 PETERSON FUSSELMAN SOUTH FIELD ROOSEVELT COUNTY, NEW MEXICO 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 hest 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 . • : •

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PHILLIPS P LAMBIRTH PETERSON P ROOSEVELT	°ETROLEUM (A) NO. 3 SUSSELMAN COUNTY, N	CO. South Field Ew Mexico	DATE FORMATION DRLG. FLUII LOCATION	** ** ** **	5-25-79 Fusselman Salt Gel 7601 Fsl 8		FILE ND : 3202-11139 ANALYSTS : BASS ELEVATION: 4424 GL 19801 FWL, SEC. 31, T-5-8, R-33-E	
				WHIC	WHOLE CORE	ANALYSIS	XSIS	
SAMPLE NUMBER	DEPTH	PERM. TO / MAXIMUM	AIR (MD) PC 90 DEG FL	POR.	FLUID S OIL	SATS. WTR	DESCRIPTION	
	CORE NO. 1	0	CUT 5(REC	202			1
	7660.0-10.0 7710.0-70.0						CONG'SH MATRIX.FOSS.DNS Drilled	
	CORE NO, 2	7770.0-7819.0	.0 CUT 491	REC	,¢			
· · · · ·	7770.0-02.0 7802.0-03.0						LM,SL/SHY,FOSS,DNS DOL,SL/SHY,DNS	
(V	7803.0-04.0 7804.0-05.0 7805.0-07.0	<0 * 1 <0 * 1 <0 * 1	 4.0 4.0 4.0 	N 0 • •	26.1 26.1 26.1	29.1 50.0	DOL,LMY,SL/F,STY DOL,SL/F,STY	
እ አ	7807.0-08.0 7808.0-09.0				мо • ю м =	000 000 000	DOL,SL/F,STY DOL,SL/F,STY DOL,SL/F,STY	
א נו	7809.0-10.0			~		44.9	DOL, SHY, SL/F, STY	
9	7817.0-17.0 7817.0-17.0 7819.0-20.0	> /		+		> • •	WUL,SL/F LM,SL/SHY,DNS LOST CORE NOT SUBMITTED FOR ANALYSIS	
	CORE NO. 3	7820.0-7824.0	CUT 4'	REC 4				
	7820.0-24.0					-	CHT, CONG, LM MATRIX, DNS	
* INDICATES	ATES PLUG PERM	RM						
i								
These a	These analyses, opinions or interpretations are based on observations and materials sumplied by the olient	etations are based on obser	rvations and materials sur	undied hv	the client to wh	and for	urbose evolution and from fight and the second is made. The interesting the second	

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5 Copies

Mr. W.J. Mueller PHILLIPS PETROLEUM COMPANY 4001 Penbrook Odessa, Texas 79762