

36

SHELL PETROLEUM CORPORATION

Eng.

FROM: - PRODUCTION LABORATORY
TULSA, OKLAHOMA.

COMPANY Shell Petroleum Corp

LEASE W. R. Smith 23P

2310'E + 301'N of S 1/4

SEC. 33 TWP. 24S RGE. 21E

DISTRICT Xenia

STATE Kansas

TO: Mr. B. Dykstra

2-1
W-32

WELL CORED ON _____

W23P

SAMPLES RECEIVED: 5-27-37

RESULTS REPORTED: 6-1-37

PRODUCTION LABORATORY CORE ANALYSIS REPORT

LABORATORY No. 2382 TO 2400 INCLUSIVE

DEPTH FROM TO	FORMATION	PERMEABILITY MILLIDARCS	PERCENT EFFECTIVE POROSITY	PERCENT OIL SATURATION	PERCENT WATER SATURATION	PERCENT SOLUBLE IN 15% HCl	BBL OIL PER ACRE
→ 746 47	"	436.0	20.7	23.7	54.7		
747 8	Sand	75.0	18.7	27.2	71.2		
→ 748 9	"	136.0	20.7	25.1	54.1		
749 50	"	127.0	19.9	17.2	57.9		
750 1	"	114.0	20.6	22.7	47.1		
751 2	"	44.3	19.0	30.2	47.9		
752 3	"	191.0	22.2	22.8	54.4		
753 4	"	225.0	23.0 ¹	34.6	61.4		
754 5	"	465.0	24.0 ²	21.7	75.4		
755 6	"	224.0	24.6	24.6	67.0		
756 7	Carbonaceous Sand	120.0	20.0	30.2	58.8		
757 8	"	44.0	21.4	27.3	46.7		
758 9	"	167.0	19.3	25.1 *	32.3		
759 60	Sand	7.6	13.2	20.8 *	50.3		
760 1	"	292.0	20.2	25.3 *	32.1		
→ 762 2	"	52.5	19.4	21.8	52.5		
763 4	"	136.0	20.7	21.6	52.1		
764 5	"	53.0	23.8	1.9	51.2		
765 6	"	157.0	22.3	32.9	47.1		
766 7	"	51.5	19.8	26.0	57.6		
767 8	"	124.8	20.9	17.7	46.6		
768 8	"	53.7	20.7	23.4	52.4		

ESTIMATED OIL SP. GR. 0.821
 ESTIMATE OF RESERVOIR PRESSURE _____
 TYPE OF CORE: ~~EDGE~~ - ROTARY
 SIZE OF CORE 2"

REMARKS: 1, 2 - Estimated Porosity.
 Actual Porosities of Test
 were:
 1 - 22.0%, 2 - 21.8%
 * Sample 2123

CC.
 PROD. DEPT. TULSA _____
 DIVISION OFFICE _____
 DISTRICT OFFICE _____
 EXPLORATION DEPT. _____

SIGNED: John T. Patterson