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CONTINENTAL OIL COMPANY
DEVELOPMENT AND RESEARCH DEPARTMENT
PRODUCTION RESEARCH DIVISION

CKC

TECHNICAL SERVICE REPORT

ADDRESS INQUIRY TO:
J. J. REYNOLDS, DIRECTOR

REPORT NO.: 267-55

AUGUST 19, 1955

SUBJECT: CORE ANALYSIS REPORT - CONTINENTAL OIL COMPANY, H. BUEHLER NO. 11 WELL, EDWARDS FIELD, ELLSWORTH COUNTY, KANSAS

THE ARBUCKLE LIME AT THIS WELL WAS DIAMOND CORED USING A 10.4 POUND SALT WATER MUD HAVING AN 8 CC/30 MIN. WATER LOSS. CORE ANALYSIS RESULTS ARE AS FOLLOWS:

SAMPLE No.	DEPTH FEET	POROSITY %	PERMEABILITY MD.	SATURATION % PORE SPACE				REMARKS
				OIL	WATER	VACANT	IWS	
1	3194	4.8	90	40	33	27	32	FRACTURE SYSTEM ↓
2	3195	4.3	39				27	
3	3196	9.9	0.5	12	74	14	57	
4	3197	4.2	4.3				44	
5	3198	0.7	-.1					
6	3199	1.3	-.1					
7	3200	1.5	-.1					
8	3201	4.6	0.6	18	67	15	70	

"-" INDICATES 'LESS THAN'

COMPLETION WAS AT TD 3205 FEET WITH 5 1/2" CASING SET AT 3203 FEET. PERFORATIONS WERE FROM 3191 TO 3198 FEET IN THE ARBUCKLE FOR AN INITIAL POTENTIAL OF 90 BARRELS OF OIL.

F. R. Conley
F. R. CONLEY
CORE ANALYSIS GROUP SUPERVISOR

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