13-254-S
REV. 6-1-51

Country Club Field,
Labette County, Kansas

CONTINENTAL OIL COMPANY

CORE ANALYSIS REPORT

RESULTS OF LABORATORY TESTS

PRELIMINARY

Report No. 420-61-121-3

OPERATOR Continental Oil Company WELL John Ord No. 34 LABORATORY No. FSA

SAMPLE NO.	DEPTH FEET	POROSITY %	PERMEABILITY TO AIR MILLIDARCYS (1)		SATURATION % PORE SPACE				SALINITY OF CORE WATER 1000 PPM (4)	PROBABLE PRODUCTION (2)	
			HORIZONTAL	VERTICAL	OIL	WATER	VACANT	I.W.S.(3)			
	Bartlesville Sand										
1	669	17.5	4.6	1.3	18	18	64				
2	670	15.9	2.7	2.3	33	46	21				
3	671	14.4	1.3	0.6	35	52	13				
4	672	14.3	1.3	1.3	39	47	14				
5	673	15.5	1.4	0.7	22	53	25				
6	674	17.4	2.3	1.2	17	53	30				
7	675	15.4	1.3	1.3	27	51	22				
8	676	14.8	1.3	0.6	27	51	22				
9	677	7.0	<.1	<.1	10	90	0				
10	678	9.2	F	F	34	58	8				
11	679	15.7	1.2	1.0	22	53	25				
12	680	13.3	1.4	1.2	43	40	17				
13	682	6.2	F	F							
14	683	17.6	6.8	5.7	13	49	38				
15	684	17.9	6.7	5.0	10	54	36				
16	685	17.9	8.6	7.4	16	50	34				
17	686	15.8	10	8.9	23	46	31				
18	691	17.2	6.9	1.3	19	61	20				
19	692	17.4	14	8.7	24	42	34				
20	693	17.3	6.9	3.9	15	51	34				
21	694	17.4	4.4	0.8	11	57	32				
22	695	16.2	2.3	0.7	11	59	30				
23	696	16.9	5.1	1.0	12	60	28				
24	697	16.4	11	7.7	20	46	34				
25	698	13.6	5.3	4.1	19	56	25				
26	699	13.9	8.0	6.9	10	64	26				
27	700	10.4	3.7	1.0	4	80	16				
28	701	14.4	7.9	3.0	15	52	33				
29	702	18.1	12	8.5	17	54	29				
30	703	18.1	20	15	22	53	25				
31	704	17.1	18	12	24	46	30				
32	705	14.2	4.6	1.4	10	57	33				
33	706	16.1	5.5	1.2	16	61	23				
34	707	16.7	6.9	2.3	15	56	29				
35	708	16.2	2.6	0.9	0	82	18				
36	709	19.3	20	15	14	52	34				
37	710	18.6	12	9.4	13	54	33				
38	711	18.0	16	11	17	50	33				
39	712	17.5	12	10	12	50	38				
40	713	17.6	18	12	31	37	37				
41	714	12.6	1.0	0.2	5	85	10				
42	715	8.2	26	23	19	48	33				

NO LOG RUN

(1) "—" INDICATES 'LESS THAN'
(2) PROBABLE PRODUCTION IF COMPLETELY ISOLATED
(3) IRREDUCIBLE INTERSTITIAL WATER SATURATION.
(4) EQUIVALENT SODIUM CHLORIDE.

(D) DISINTEGRATED
(NF) NO FLOW
(NCF) NO COMMERCIAL FLOW
(NS) NO SAMPLE OR NO SEALED SAMPLE
(NA) NO ANALYSIS

13-234-S
REV. 6-1-51

Country Club Field,
Labette County, Kansas

CONTINENTAL OIL COMPANY

CORE ANALYSIS REPORT

Report No. 420-61-121-3

RESULTS OF LABORATORY TESTS

OPERATOR Continental Oil Company WELL John Ord No. 34 LABORATORY No. FSA

SAMPLE NO.	DEPTH FEET	POROSITY %	PERMEABILITY TO AIR MILLIDARCYS (1)		SATURATION % PORE SPACE				SALINITY OF CORE WATER 1000 PPM (4)	PROBABLE PRODUCTION (2)
			HORIZONTAL	VERTICAL	OIL	WATER	VACANT	I.W.S.(3)		
43	716	18.9	25	15	18	43	39			
44	717	18.1	28	23	20	44	36			
45	718	15.8	12	10	19	52	29			
46	719	18.8	41	31	16	49	35			
47	720	19.1	51	44	15	40	45			
48	721	19.1	48	33	18	47	35			
49	722	18.4	37	22	19	49	32			
50	723	17.1	20	8.5	16	52	32			
51	724	19.2	55	49	18	47	35			
52	725	18.5	52	44	17	50	33			
53	726	16.7	46	36	14	52	34			
54	727	18.1	14	11	14	55	31			
55	728	18.1	19	13	11	54	35			
56	729	13.8	7.3	0.8	7	75	18			
57	730	7.2	<.1	<.1						
58	731	7.7	0.1	<.1						
59	732	6.2	F	F						
60	733	6.7	<.1	<.1						

F = Fractured

C. F. Knutson

C. F. Knutson
Reservoir Geology Group Supervisor
Formation Evaluation Section
Production Research Division

CFK-DSG

Distribution:
1. M. H. Dubrow
2. Harry Miller
3. D. W. Matthews
4. William Drapeau
5. S. D. McCloud
6. File

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Conoco #34 J. Ord
26-32S-17E
(Cherokee)

669 - 729	sandstone, gray to dk gray, med. grained, cross-stratified, some shale laminations
729 - 730.5	sandstone, gray to dk gray with shale clasts
730.5 - 734	shale, gray, sandy

CC 30 min.	WLB	No. 34,684
D.F.	K.B.	G.L. 822.5
FNL & FWL	…n of Well	… Surveys

ATION

FOLD HERE

REMARKS MUD SOURCE: FLOW LINE

Rmf = 1.8 66
Rmc = 1.9

CONOCO 32 5 Ord

SeSe NwNw 26 32 17E

SPONTANEOUS-POTENTIAL millivolts	DEPTHS	RESISTIVITY ohms. m²/m	RESISTIVITY ohms. m²/m
20 — MV +		SHORT NORMAL AM-16" 0 — 50; 0 — 500	LONG NORMAL AM-64" 0 — 50; 0 — 500
		LATERAL AO - 19' 0 — 50; 0 — 500