

## CORE ANALYSIS RESULTS

Company TENNECO OIL COMPANY Formation BARTLESVILLE File CP-10-1572  
Well MARY SETTER NO. 7 Core Type DIAMOND Date Report 2-15-67  
Field SOUTH LA HARPE Drilling Fluid WATER BASE MUD Analysts HUNT  
County ALLEN State KANSAS Elev. 1043'GL Location 330'FEL 2300'FSL SE/4 SEC 22-25S-19E

### Lithological Abbreviations

SAND-SB SHALE-SH LIME-LM	DOLOMITE-DOL CHERT-CH GYPSUM-GYP	ANHYDRITE-ANHY CONGLOMERATE-COMG FOSSILIFEROUS-FOSS	SANDY-SDY SHALY-SHY LIMY-LMY	FINE-FN MEDIUM-MED COARSE-CSE	CRYSTALLINE-KLN GRAIN-GRN GRANULAR-GRNL	BROWN-BRN GRAY-GY VUGGY-VBY	FRACTURED-FRAE LAMINATION-LAM STYLOLITIC-STY	SLIGHTLY VERY-V/ WITH-W/
--------------------------------	--	---	------------------------------------	-------------------------------------	---	-----------------------------------	--	--------------------------------

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCY		POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		SAMPLE DESCRIPTION AND REMARKS
		HORZ	VERT		OIL	TOTAL WATER	
1	775-76	1.5		16.6	19.8	39.2	Sd, v/shy
2	776-77	<0.1		10.6	14.1	78.2	Sd, v/shy
3	777-78	0.7		13.7	13.9	51.9	Sd, v/shy
4	778-79	0.5	<i>kw</i>	16.3	20.2	41.6	Sd, v/shy
5	779-80	10.0	<i>kw 25</i> 0.4	17.2	13.3	45.2	Sd, v/shy
6	780-81	8.2		19.8	16.1	44.4	Sd
7	781-82	42.0	<i>20</i> 2.1	20.4	8.8	41.0	Sd
8	782-83	37.0		22.1	20.3	37.9	Sd
9	783-84	38.0	<i>29</i> 1.3	20.5	25.3	30.7	Sd
10	784-85	38.0		20.5	32.2	31.1	Sd
11	785-86	31.0	<i>26</i> 1.2	20.9	30.1	34.9	Sd
12	786-87	22.0		18.8	36.2	26.6	Sd
13	787-88	15.0	<i>17</i> 0.9	18.1	30.4	33.1	Sd
14	788-89	5.5		19.0	36.3	31.6	Sd
15	789-90	14.0	<i>67</i> 21.0	19.3	35.2	30.6	Sd
16	790-91	34.0		20.5	39.5	24.4	Sd
17	791-92	31.0	<i>16</i> 19.0	19.8	38.4	28.3	Sd
18	792-93	29.0		20.5	38.1	26.9	Sd
19	793-94	16.0	<i>164</i> 25.0	19.5	38.6	28.7	Sd
20	794-95	17.0		20.8	39.0	29.8	Sd
21	795-96	27.0	<i>27</i> 10.0	20.9	39.6	27.7	Sd
22	796-97	43.0		18.7	37.4	29.9	Sd
23	797-98	38.0	<i>32</i> 1.2	19.8	38.8	27.3	Sd
24	798-99	21.0		20.4	35.3	31.8	Sd, sl/shy
25	799-00	14.0	<i>13</i> 1.1	17.6	31.9	31.2	Sd, sl/shy
26	800-01	13.0		15.0	35.3	41.5	Sd, sl/shy
27	801-02	29.0	<i>44</i> 6.6	14.6	38.8	51.4	Sd, sl/shy
28	802-03	2.0		19.1	54.4	26.2	Sd, sl/shy
29	803-04	1.9		19.9	56.3	30.6	Sd, sl/shy
30	804-05	4.8		22.3	61.5	24.6	Sd, sl/shy
31	805-06	3.9		18.9	55.0	30.2	Sd, sl/shy
32	806-07	0.6		16.6	50.1	33.6	Sd, sl/shy
	807-10						Shale

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 best 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 representations, as to the productivity, proper operations, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

## CORE ANALYSIS RESULTS

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYs	POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		SAMPLE DESCRIPTION AND REMARKS
				OIL	TOTAL WATER	
	810-46					Drilled
33	846-47	1.0	16.6	30.7	44.6	Sd, shy, silty
34	847-48	<0.1	7.4	0.0	96.0	Sd, shy, silty
35	848-49	<0.1	11.1	15.3	81.1	Sd, shy, silty
36	849-50	0.1	11.5	51.3	29.6	Sd, shy, silty
37	850-51	<0.1	11.9	15.3	78.9	Sd, shy, silty
38	851-52	34.0	21.7	48.7	40.7	Sd, shy, silty
39	852-53	3.5	21.6	60.1	31.1	Sd, shy, silty
40	853-54	2.7	17.2	58.6	26.7	Sd, shy, silty
41	854-55	10.0	16.0	56.1	28.9	Sd, shy, silty
42	855-56	3.0	7.5	45.3	33.3	Sd, shy, silty
43	856-57	2.7	16.2	52.4	30.2	Sd, shy, silty
44	857-58	1.3	17.6	42.1	29.0	Sd, shy, silty
45	858-59	0.6	15.0	48.1	38.4	Sd, shy, silty
46	859-60	0.1	13.6	49.0	41.0	Sd, shy, silty
47	860-61	10.0	13.4	26.1	64.2	Sd, shy, silty
48	861-62	2.3	20.0	47.5	28.0	Sd, shy, silty
49	862-63	0.3	11.9	21.1	71.5	Sd, shy, silty
50	863-64	0.5	11.6	38.0	45.0	Sd, shy, silty
51	864-65	<0.1	15.3	41.2	46.4	Sd, shy, silty
52	865-66	7.0	13.4	32.8	54.5	Sd, shy, silty
53	866-67	3.4	17.8	41.6	41.6	Sd, shy, silty
54	867-68	3.2	12.4	12.1	79.0	Sd, shy, silty
55	868-69	0.4	12.3	18.7	54.5	Sd, shy, silty
56	869-70	3.0	12.3	23.6	36.6	Sd, shy, silty
57	870-71	0.5	17.2	55.7	26.8	Sd, shy, silty
58	871-72	0.6	20.3	32.9	41.9	Sd, shy, silty
59	872-73	3.5	13.9	33.1	33.1	Sd, shy, silty
60	873-74	2.3	14.5	33.2	46.1	Sd, shy, silty
61	874-75	2.6	13.7	35.1	46.0	Sd, shy, silty
62	875-76	4.6	16.3	47.5	33.5	Sd, shy, silty
	876-82					Shale

THIS IS A FINAL REPORT.

DISTRIBUTION: 3CC: TENNECO OIL COMPANY  
 ATTN: MR. W. J. PEARSON  
 2000 CLASSEN CENTER -NORTH  
 OKLAHOMA CITY, OKLAHOMA

2CC: TENNECO OIL COMPANY  
 ATTN: MR. L. C. BODEMAN  
 BOX 391  
 IOLA, KANSAS

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 best 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 representations, as to the productivity, proper operations, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.



COMPANY TENNECO OIL COMPANY FIELD SOUTH LA HARPE FILE CP-10-1572  
 WELL MARY SETTER NO. 7 COUNTY ALLEN DATE 2-17-67  
 LOCATION 330' FEL 2300' FSL SE/4 STATE KANSAS ELEV. 1043' GL  
SEC 22-25S-19E

# CORE-GAMMA CORRELATION

These analyses, opinions or interpretations are based on observations and material supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best 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 representations as to the productivity, proper operation, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

VERTICAL SCALE: 5" = 100'

## CORE-GAMMA SURFACE LOG (PATENT APPLIED FOR)

GAMMA RAY  
RADIATION INCREASE

## COREGRAPH

