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CAMBRIA OIL COMPANY

FEIDLER NO. 23 - 18

B-1 INDUSTRIES, INC.

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CORE ANALYSIS REPORT

COMPANY	CAMBRIA OIL COMPANY - True Oil			FILE NO.	1287
WELL	FEIDLER # 23-18	FORMATION	DESMOINES	DATE	1-6-87
FIELD	WILDCAT	CORE TYPE	DIA CONV	ELEVATION	4717' KB
COUNTY	SIOUX	MUD TYPE	SALT SAT	ANALYST	BP AH CG KB
STATE	NEBRASKA	LOCATION	NE SW SEC 18 T25N R54W		

SAMP NO	DEPTH	PERMEABILITY HORIZ	PERMEABILITY VERT	POR %	OIL %	WATER %	GR DNS	DESCRIPTION	
	BOYLES LAW CORE ANALYSIS, PERMEABILITY TO AIR AT 1000psi NET OVERBURDEN								
	PERMEABILITY & POROSITY WERE RUN ON SALT FREE PLUGS								
1	7290-91	0.02		6.7	0.0	58.8	2.79	SS GRY VF-MG DOL	
2	-92	0.02		1.3	0.0	29.2	2.75	SS GRY VF-MG DOL	VF
3	-93	0.02		2.0	0.0	75.1	2.76	SS GRY VF-MG DOL	
4	-94	0.02		4.7	2.5	75.3	2.77	SS GRY VF-FG DOL	
5	-95	0.02		2.1	0.0	69.8	2.77	SS GRY VFG DOL	
	7295-7300							ANHYDRITE NO ANALYSIS	
6	7300-01	0.02		6.8	0.0	61.7	2.84	DOL TAN VFXLN	VF
7	-02	0.02		6.2	0.0	64.0	2.86	DOL TAN VFXLN	VF
8	-03	0.01		6.1	0.0	71.1	2.83	DOL TAN VFXLN	VF
9	-04	0.02		4.9	5.4	86.4	2.82	DOL TAN VFXLN	
10	-05	0.02		7.7	26.5	66.4	2.78	DOL TAN VFXLN	
11	-06	0.01		5.8	40.4	22.5	2.83	DOL TAN VF-FXLN	
12	-07	0.06		10.6	40.1	43.4	2.79	DOL TAN VF-FXLN	
13	-08	0.01		3.2	39.1	45.6	2.57	DOL TAN XLN ABD SH	
	7308-14							SHALE NO ANALYSIS	
14	-15	0.07		13.4	27.5	55.0	2.81	DOL GRY-TAN FXLN	
15	-16	0.01		1.9	0.0	43.4	2.71	LS TAN XLN	
16	-17	0.02		1.6	0.0	64.5	2.72	LS TAN XLN	
17	-18	0.05		2.2	0.0	69.8	2.79	LS TAN FXLN CALC INC	
18	-19	0.04		2.0	0.0	53.5	2.72	LS TRY TAN XLN CALC INC	
19	-20	0.02		1.7	0.0	79.5	2.74	LS GRY VFXLN CALC INC	
20	-21	0.01		1.4	0.0	66.9	2.75	LS GRY VFXLN CALC INC	
21	-22	0.02		1.3	0.0	43.7	2.73	LS TAN DNX ANHY INC	VF
22	-23	0.02		1.5	0.0	43.0	2.77	LS GRY FXLN ANHY INC	
23	-24	0.02		5.7	0.9	83.0	2.86	DOL GRY VFXLN	VF
24	-25	0.15		7.0	0.0	88.1	2.85	DOL GRY VFXLN	VF
25	-26	0.06		10.1	0.0	87.2	2.87	DOL GRY VFXLN ANHY INC	
26	-27	0.05		7.4	0.0	80.4	2.86	DOL GRY VFXLN ANHY INC	
27	7327-28	0.07		6.6	0.0	63.2	2.86	DOL GRY VFXLN SH INC	

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COUNTY SIOUX MUD TYPE SALT SAT ANALYST BP AH CG KB
STATE NEBRASKA LOCATION NE SW SEC 18 T25N R54W

SAMP NO	DEPTH	PERMEABILITY HORIZ	PERMEABILITY VERT	POR %	OIL %	WATER %	GR DNS	DESCRIPTION
	BOYLES LAW CORE ANALYSIS, PERMEABILITY TO AIR AT 1000psi NET OVERBURDEN PERMEABILITY & POROSITY WERE RUN ON SALT FREE PLUGS							
28	7328-29	0.09		9.3	0.0	61.4	2.84	DOL GRY VFXLN SH INC
29	-30	0.16		11.3	2.1	71.3	2.85	DOL GRY VFXLN SH INC
30	-31	0.07		9.8	1.3	72.0	2.84	DOL GRY VFXLN
31	-32	0.06		8.9	3.0	65.6	2.84	DOL TAN VFXLN
32	-33	0.02		5.2	4.9	68.3	2.86	DOL TAN VFXLN ANHY INC VF
33	-34	0.02		4.0	0.0	64.2	2.86	DOL GRY VFXLN SH INC
34	-35	0.02		3.4	0.0	55.2	2.89	DOL GRY VFXLN ANHY LAM
35	-36	0.01		5.0	0.0	93.3	2.87	DOL TAN VFXLN ANHY INC VF
36	-37	0.02		5.7	1.5	61.4	2.87	DOL GRY VFXLN TR MICA TR SH
	7337-38							ANHYDRITE NO ANALYSIS
37	-39	0.03		8.6	1.6	78.4	2.85	DOL GRY VFXLN TR MICA VF
38	-40	0.14		12.8	0.0	73.5	2.84	DOL GRY VFXLN ANHY INC
39	-41	0.94		20.0	0.0	89.6	2.84	DOL GRY VFXLN VF
40	-42	0.25		15.6	0.0	67.7	2.83	DOL GRY VFXLN VF
41	-43	0.08		14.2	0.0	74.3	2.85	DOL TAN VFXLN
42	-44	0.01		3.4	8.3	74.3	2.78	LS TAN VFXLN
43	-45	0.01		3.7	15.6	62.3	2.76	LS BRN SLN
44	-46	0.01		5.3	5.6	83.1	2.79	DOL GRY VFXLN
45	-47	0.01		4.3	31.2	36.9	2.76	DOL TAN VFXLN TR PYRITE VF
46	-48	0.01		3.7	0.0	72.2	2.77	DOL TAN FXLN
47	-49	0.06		4.0	39.9	22.8	2.63	DOL TAN VFXLN
48	-50	0.02		3.2	40.3	50.3	2.13	DOL TAN VFXLN CARB
49	-51	0.03		1.8	40.9	40.9	2.72	LS GRY VFXLN VF
50	-52	0.07		1.0	69.5	17.4	2.87	LS GRY FXLN TR ANHY VF
51	-53	0.03		8.2	0.0	92.6	2.83	DOL GRY FXLN TR SH
52	-54	0.01		2.2	0.0	70.7	2.74	LS TAN VFXLN
53	-55	0.02		1.2	0.0	63.1	2.81	LS GRY VFXLN TR ANHY INC
54	-56	0.01		1.3	0.0	54.2	2.72	LS TAN VFXLN
55	-57	0.01		7.8	0.0	97.4	2.80	LS GRY FXLN
56	-58	0.02		6.7	3.4	93.9	2.79	LS TAN FXLN TR PYRITE
57	7358-59	0.01		3.6	3.0	66.4	2.78	LS TAN VFXLN

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FIELD	WILDCAT	CORE TYPE	DIA CONV	ELEVATION	4717' KB
COUNTY	SIOUX	MUD TYPE	SALT SAT	ANALYST	BP AH CG KB
STATE	NEBRASKA	LOCATION	NE SW SEC 18 T25N R54W		

BOYLES LAW CORE ANALYSIS, PERMEABILITY TO AIR AT 1000psi NET OVERBURDEN
PERMEABILITY & POROSITY WERE RUN ON SALT FREE PLUGS

SAMP NO	DEPTH	PERMEABILITY HORIZ	PERMEABILITY VERT	POR %	OIL %	WATER %	GR DNS	DESCRIPTION	
58	7359-60	0.01		3.5	4.6	64.6	2.78	LS TAN VFXLN	VF
59	-61	0.01		1.6	42.0	49.1	2.72	LS TAN VFXLN	
60	-62	0.01		1.2	0.0	68.7	2.73	LS TAN VFXLN	
61	-63	0.01		2.5	21.1	42.2	2.73	LS TAN FXLN TR ANHY	
62	-64	0.31		16.2	0.4	84.1	2.87	LS TAN VFXLN TR STYL	
63	-65	0.35		12.6	0.0	83.4	2.79	DOL TAN DNS	
	7365-66							SHALE NO ANALYSIS	
64	-67	0.02		1.7	0.0	64.3	2.68	SS GRY VF-FG SL CALC	VF
65	-68	0.03		1.9	0.0	45.2	2.71	SS GRY VFG QTZ CALC	VF
66	-69	0.05		5.4	43.5	29.0	2.80	SS GRY VFG QTZ CALC	VF
67	-70	0.23		8.8	36.8	16.4	2.79	LS TAN VFXLN TR VUG	VF
68	-71	0.02		3.8	5.2	83.3	2.76	LS TAN VFXLN TR VUG	
69	-72	0.02		1.8	0.0	66.9	2.78	LS TAN DNS	
70	-73	0.02		1.9	7.2	43.3	2.74	LS TAN VFXLN MICA INC	
71	-74	0.01		1.3	5.1	76.5	2.71	LS TAN DNS	
72	-75	0.01		1.0	2.2	22.0	2.70	LS TAN DNS	
73	-76	0.19		1.1	0.0	49.5	2.70	LS TAN DNS	VF
74	-77	0.17		12.8	1.2	87.4	1.83	DOL TAN DNS CALC	
75	-78	0.86		14.3	7.8	60.7	2.82	DOL TAN FXLN	VF
76	-79	1.1		11.5	4.8	59.2	2.85	DOL TAN FXLN	VF
77	-80	0.59		14.2	0.0	92.6	2.81	DOL TAN FXLN	VF
78	-81	0.58		15.8	0.0	95.8	2.83	DOL TAN FXLN	
79	-82	0.19		15.0	0.0	95.1	2.83	DOL TAN XLN	
80	-83	0.37		16.7	1.1	80.3	2.82	DOL TAN FXLN	
81	-84	2.7		18.8	0.0	88.2	2.82	DOL TAN XLN	
82	-85	0.05		14.6	0.0	83.4	2.80	DOL TAN VFXLN	
83	-86	1.5		19.4	1.3	67.5	2.76	DOL TAN VFXLN TR SH	VF
84	-87	0.01		10.9	21.2	37.5	2.82	DOL TAN VFXLN TR SH	VF
85	7387-88	0.09		15.3	1.8	83.4	2.80	DOL TAN VFXLN	VF

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COUNTY SIOUX MUD TYPE SALT SAT ANALYST BP AH CG KB
STATE NEBRASKA LOCATION NE SW SEC 18 T25N R54W

SAMP NO	DEPTH	PERMEABILITY HORIZ	PERMEABILITY VERT	POR %	OIL %	WATER %	GR DNS	DESCRIPTION	
	BOYLES LAW CORE ANALYSIS, PERMEABILITY TO AIR AT 1000psi NET OVERBURDEN PERMEABILITY & POROSITY WERE RUN ON SALT FREE PLUGS								
	7388-90							SHALE NO ANALYSIS	
86	-91	0.01		1.8	46.3	30.9	2.73	LS TAN VFXLN	
87	-92	0.02		1.3	14.4	57.5	2.69	LS BRN XLN	
88	-93	0.03		1.6	0.0	26.1	2.70	SS GRY VF-FG CALC	VF
89	-94	0.02		1.5	0.0	26.6	2.74	SS GRY VF-FG CALC	VF
90	-95	0.01		1.0	0.0	74.5	2.72	SS GRY VF-FG CALC	
91	-96	0.02		1.2	0.0	36.5	2.87	LS BRN VFXLN TR ANHY LAM	
92	-97	0.01		3.8	0.0	31.2	2.76	LS LT BRN VFXLN	VF
93	-98	0.08		11.8	2.1	84.1	2.81	LS LT BRN VFXLN	VF
94	-99	1.2		19.2	1.6	68.9	2.81	LS LT BRN VFXLN	VF
95	7300-00	0.04		7.7	0.0	75.6	2.78	DOL TAN VFXLN	
96	7400-01	0.43		12.9	0.0	60.2	2.83	DOL TAN VFXLN	
97	-02	0.03		2.8	8.8	52.6	2.87	DOL BRN XLN	VF
98	-03	0.07		13.9	0.0	73.2	2.80	DOL BRN XLN	VF
99	-04	0.22		12.6	0.0	74.5	2.88	DOL TAN FXLN	
100	-05	0.02		4.7	0.0	85.2	2.75	DOL GRY FXLN ARG	
101	-06	0.01		2.4	0.0	66.2	2.75	SS GRY VF-FG DOL	VF
102	-07	0.01		2.0	0.0	67.4	2.77	SS GRY VF-FG DOL	
	7407-11							ANHYDRITE NO ANALYSIS	
103	-12	0.05		4.6	0.0	59.8	2.76	SS GRY VF-FG	
104	-13	0.06		6.7	0.0	81.6	2.84	DOL TAN VFXLN	
105	-14	0.10		11.5	0.0	70.3	2.82	DOL TAN VFXLN	
106	-15	0.02		5.4	0.0	63.6	2.70	LS DK GRY VFXLN TR PYR TR SH	
107	-16	0.01		1.4	0.0	56.5	2.69	LS TAN XLN	
108	-17	0.02		5.0	0.0	83.4	2.71	LS TAN XLN	
109	-18	0.01		3.4	0.0	67.9	2.68	LS TAN XLN	
110	-19	0.01		2.2	0.0	67.8	2.70	LS GRY TAN XLN	
111	-20	0.01		1.0	0.0	56.3	2.70	LS TAN VFXLN	
112	-21	0.01		1.5	0.0	57.2	2.70	LS TAN XLN	
113	7421-22	0.02		6.3	0.0	91.4	2.82	DOL TAN VFXLN	

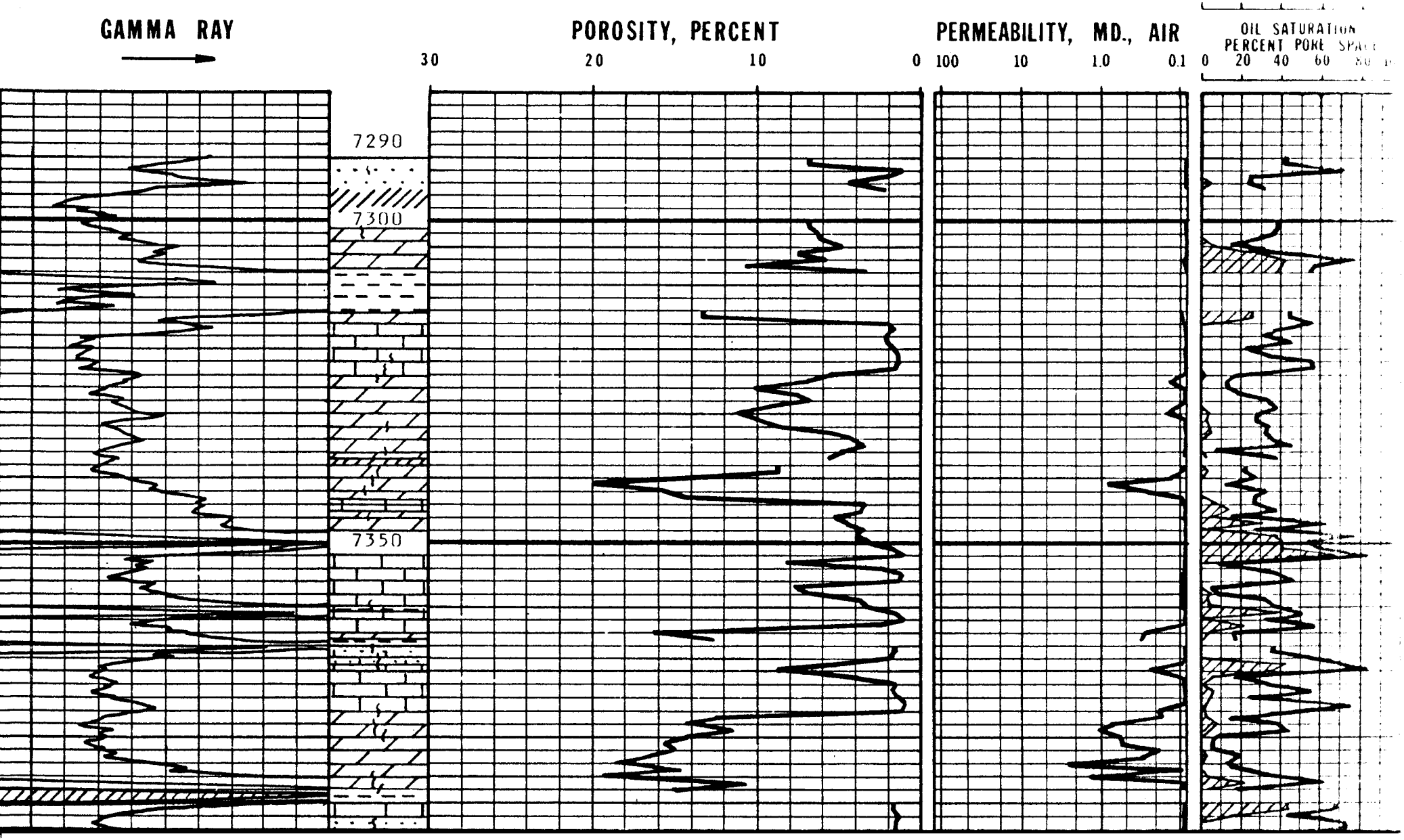
B-1 INDUSTRIES, INC.

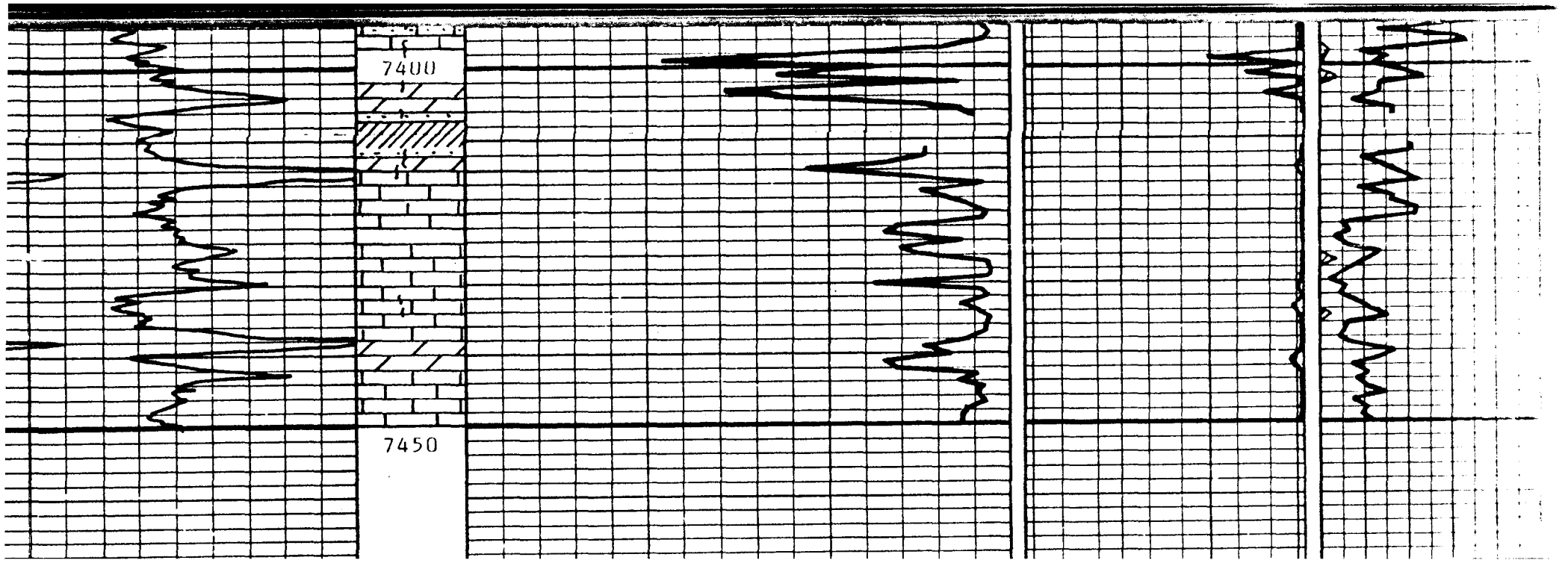
CORE ANALYSIS GRAPH

COMPANY CAMBRIA OIL COMPANY **MUD TYPE** SALT SATURATED **DATE** 1-6-87 **FILE** 1287

WELL FEIDLER NO. 23-18 **LOCATION** NE SW SEC 18 T25N R54W

FIELD WILDCAT **COUNTY, STATE** SIOUX, NEBRASKA

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