S 643
10-26N-54W

TRUE OIL COMPANY

NO. 24 - 10 WATSON

B-1 INDUSTRIES, INC.

B-1 INDUSTRIES, INC.
CORE ANALYSIS REPORT

COMPANY	TRUE OIL COMPANY			FILE NO.	6187
WELL	NO. 24-10 WATSON	FORMATION	COUNCIL GROVE	DATE	6-24-87
FIELD		CORE TYPE	DIA CONV	ELEVATION	4633' KB
COUNTY	SIOUX	MUD TYPE	SALT SAT	ANALYST	BP KB DH
STATE	NEBRASKA	LOCATION	SEC 10 T26N 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							
	6494-95							ANHYDRITE NO ANALYSIS
1	6495-96	0.01		2.9	0.0	63.7	2.76	DOL GRY FXLN
2	-97	0.89		3.7	0.0	65.7	2.67	SS GRY F-MED GR SL CALC
3	-98	9.9		4.3	0.0	47.9	2.61	SS GRY F-MED GR TR PYR
4	-99	20		4.5	0.0	48.6	2.61	SS GRY F-MED GR SL CALC
5	6499-00	16		4.6	0.0	39.4	2.58	SS TAN-GRY F-MED GR
6	6500-01	14		4.8	0.0	39.5	2.55	SS TAN-GRY F-MED GR
7	-02	21		5.6	0.0	38.0	2.56	SS TAN-GRY F-MED GR
8	-03	20		5.0	1.5	45.6	2.53	SS TAN FG
9	-04	1.6		6.5	0.0	65.4	2.66	SS TAN FG
10	-05	0.13		4.9	1.0	51.8	2.72	SS GRY VF-FG
11	-06	0.41		4.4	0.0	59.8	2.69	SS GRY VF-FG
12	-07	9.0		4.5	0.0	48.5	2.62	SS GRY VF-FG TR SH LAM
13	-08	0.11		5.4	0.0	43.4	2.72	SS GRY VF-FG
14	-09	0.31		4.9	0.0	44.8	2.66	SS GRY VF-FG
15	-10	0.28		5.9	0.0	40.5	2.66	SS GRY VF-FG
16	-11	0.25		4.6	0.0	53.3	2.67	SS GRY VF-FG
17	-12	0.19		4.2	0.0	34.2	2.65	SS GRY VF-FG
	6512-14							ANHYDRITE NO ANALYSIS
18	-15	0.01		1.8	0.0	63.8	2.88	DOL GRY-TAN VFXLN
19	-16	0.01		1.9	0.0	67.5	2.86	DOL GRY-TAN VFXLN
20	-17	0.02		2.4	0.0	77.2	2.86	DOL LT-DRK GRY VFXLN-DNS VI
	6517-20							ANHYDRITE NO ANALYSIS
21	-21	0.22		4.6	0.0	74.5	2.75	SS GRY VF-FG
	6521-22							ANHYDRITE NO ANALYSIS
22	-23	0.01		1.7	0.0	78.2	2.72	SS TAN VFG
	6523-24							SH & ANHY NO ANALYSIS
23	-25	3.3		2.1	0.0	70.2	2.70	SS RED VF-MED GR
24	-26	0.02		2.0	0.0	63.4	2.69	SS GRY VFG
	6526-27							ANHYDRITE NO ANALYSIS

B-1 INDUSTRIES, INC.
CORE ANALYSIS REPORT

COMPANY	TRUE OIL COMPANY			FILE NO.	6187
WELL	NO. 24-10 WATSON	FORMATION	COUNCIL GROVE	DATE	6-25-87
FIELD		CORE TYPE	DIA CONV	ELEVATION	4633' KB
COUNTY	SIOUX	MUD TYPE	SALT SAT	ANALYST	BP KB
STATE	NEBRASKA	LOCATION	SEC 10 T26N R54W		

SAMPLES WERE SOAKED 18 HOURS IN METHANOL THEN CENTRIFUGED WITH SEVERAL PORE VOLUMES OF METHANOL. PERMEABILITY TO AIR AT 1000psi NET OVERBURDEN

SAMP NO	DEPTH	PERMEABILITY HORIZ	PERMEABILITY VERT	POR %	OIL %	WATER %	GR DNS	DESCRIPTION
1	6495-96	0.01		3.1			2.77	
2	-97	4.6		4.1			2.68	
3	-98	32		5.2			2.62	
4	-99	65		5.7			2.62	
5	6499-00	63		5.8			2.59	
6	6500-01	75		6.5			2.56	
7	-02	62		7.3			2.57	
8	-03	85		7.0			2.54	
9	-04	4.9		7.5			2.67	
10	-05	0.22		5.5			2.73	
11	-06	1.1		5.0			2.70	
12	-07	24		5.8			2.63	
13	-08	0.15		5.8			2.73	
14	-09	1.1		5.6			2.67	
15	-10	0.53		6.7			2.67	
16	-11	0.74		5.1			2.68	
17	6511-12	0.08		5.0			2.66	
18	6514-15	0.01		1.8			2.88	
19	-16	0.01		2.0			2.86	
20	-17	0.02		2.4			2.86	
21	6520-21	0.25		5.9			2.76	
22	6522-23	0.01		2.3			2.74	
23	6524-25	36		2.6			2.71	
24	6525-26	0.03		2.4			2.70	

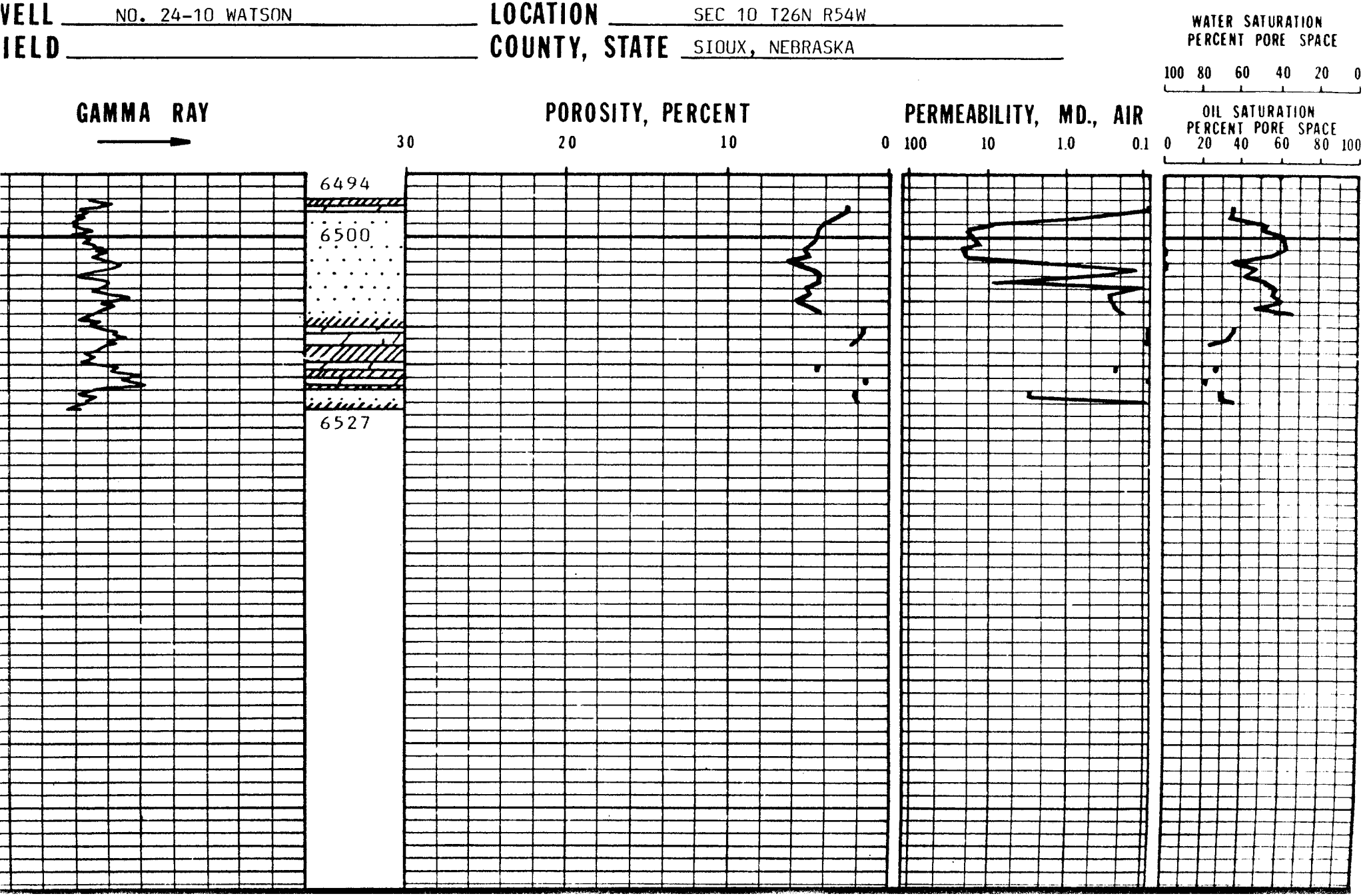
B-1 INDUSTRIES, INC.

CORE ANALYSIS GRAPH

COMPANY TRUE OIL COMPANY
WELL NO. 24-10 WATSON
FIELD

MUD TYPE SALT SATURATED
LOCATION SEC 10 T26N R54W
COUNTY, STATE SIOUX, NEBRASKA

DATE 6-24-87
FILE 6187



B-1 INDUSTRIES, INC.
CORE ANALYSIS REPORT

COMPANY TRUE OIL COMPANY FILE NO. 6187
WELL NO. 24-10 WATSON FORMATION ADMIRE DATE 6-27-87
FIELD CORE TYPE DIA CONV ELEVATION 4633' KB
COUNTY SIOUX MUD TYPE SALT SAT ANALYST BP AH KB
STATE NEBRASKA LOCATION SEC 10 T26N 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							
25	6637-38	0.01		2.2	0.0	55.9	2.76	SS GRY FG
26	-39	0.04		3.1	0.0	44.2	2.75	SS GRY FG
27	-40	0.19		4.8	0.0	41.8	2.74	SS GRY FG
28	-41	0.02		2.6	0.0	46.8	2.76	SS GRY FG
29	-42	0.05		4.6	0.0	44.4	2.75	SS GRY FG
	6642-49							ANHYDRITE NO ANALYSIS
30	-50	0.01		6.5	0.0	83.5	2.80	DOL DK GRY VFXLN
31	-51	0.01		9.1	0.0	60.9	2.83	DOL TAN FXLN
32	-52	0.01		6.0	1.6	81.5	2.81	DOL TAN FXLN
33	-53	0.01		8.2	0.0	65.8	2.83	DOL BRN FXLN
34	-54	0.01		1.0	0.0	69.8	2.86	DOL TAN VFXLN
	6654-56							ANHYDRITE NO ANALYSIS
35	-57	0.01		7.1	0.0	61.0	2.74	SS GRY VFG
36	-58	0.01		6.2	0.0	83.5	2.74	SS LT-DRK GRY VFG SLTY
37	-59	0.01		5.8	0.0	81.5	2.73	SS GRY VFG SLTY ANHY INC
38	-60	0.01		4.4	0.0	71.4	2.70	SS GRY FG
39	-61	0.01		2.3	0.0	52.4	2.78	SS GRY VFG TR ANHY
40	-62	0.01		7.3	0.0	57.8	2.85	SS TAN VFG ABD ANHY
41	-63	0.01		2.2	1.3	52.2	2.76	DOL LT GRY VFXLN
42	-64	0.01		7.8	0.0	76.1	2.72	SS GRY VFG
	6664-65							SHALE NO ANALYSIS
43	-66	0.01		7.9	0.0	47.3	2.72	SS GRY VFG SLTY
	6666-76							ANHYDRITE NO ANALYSIS
44	-77	0.02		10.1	0.0	87.0	2.81	DOL BRN FXLN
45	-78	0.03		10.2	0.8	66.6	2.82	DOL LT BRN FXLN ARG
46	-79	0.01		1.4	0.0	80.4	2.70	DOL GRY FXLN
47	-80	0.07		13.0	1.7	48.2	2.80	DOL GRY VFXLN ARG SH LAM
48	-81	0.01		2.2	1.2	74.3	2.80	DOL TAN FXLN SHLY
49	-82	0.01		1.2	2.6	56.8	2.82	DOL TAN FXLN
	6682-83							AHHYDRITE NO ANALYSIS

B-1 INDUSTRIES, INC.
CORE ANALYSIS REPORT

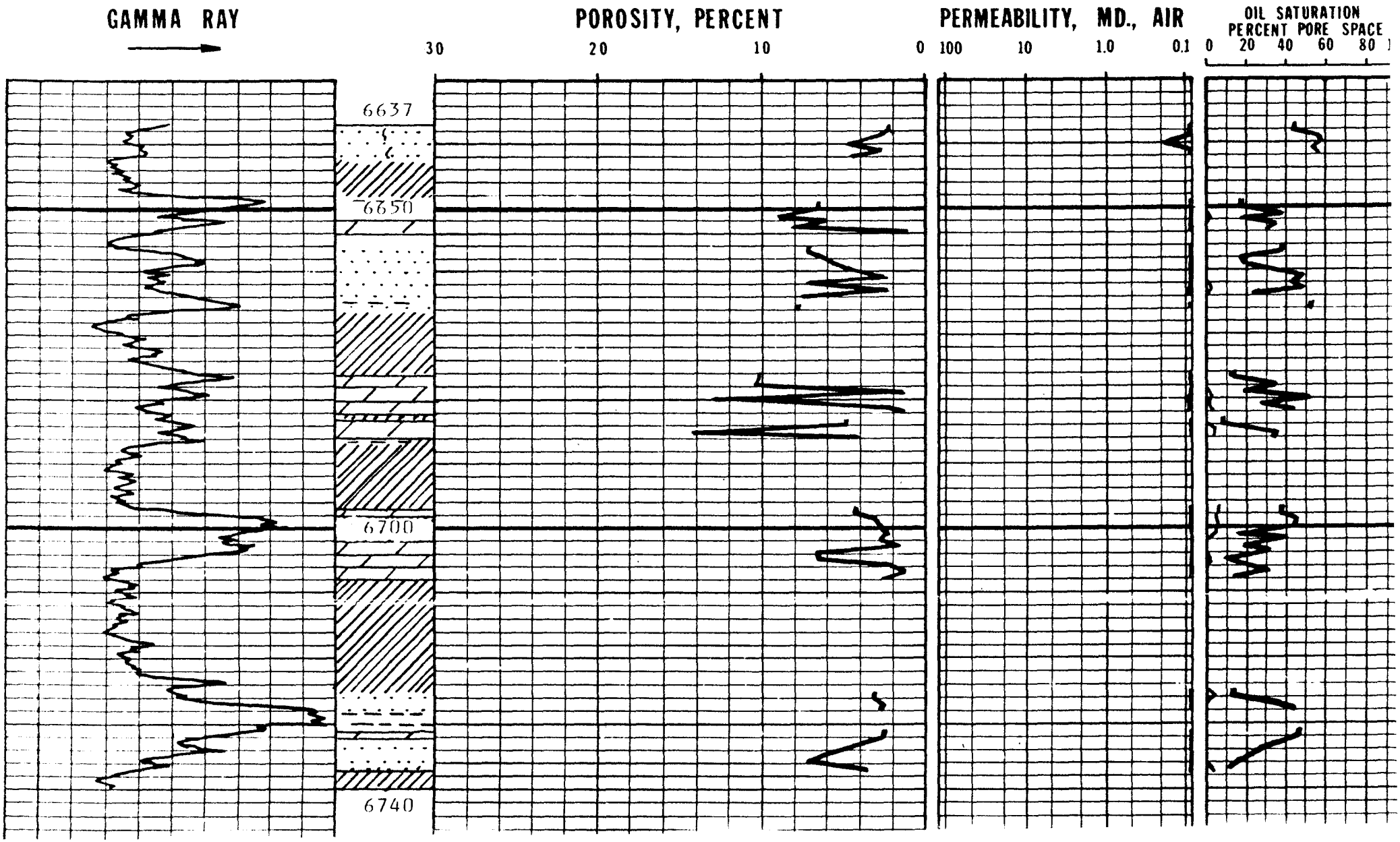
COMPANY TRUE OIL COMPANY FILE NO. 6187
WELL NO. 24-10 WATSON FORMATION AS NOTED DATE 6-27-87
FIELD CORE TYPE DIA CONV ELEVATION 4633' KB
COUNTY SIOUX MUD TYPE SALT SAT ANALYST BP AH KB
STATE NEBRASKA LOCATION SEC 10 T26N R54W

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						ADMIRE FORMATION
50	6683-84	0.01		4.8	0.0	94.1	2.70	DOL TAN FXLN TR VUG
51	-85	0.01		14.2	5.5	65.8	2.79	DOL DRK GRY FXLN
52	-86	0.01		4.0	4.6	66.7	2.69	DOL LT BRN VFXLN ARG SH
	6686-97							ANHY & SH NO ANALYSIS
53	-98	0.01		4.1	6.3	62.7	2.82	DOL GRY FXLN ANHY LAM
54	-99	0.06		3.0	4.6	54.6	2.85	DOL LT BRN FXLN
55	6699-00	0.01		2.6	6.5	55.9	2.87	DOL DK BRN XLN
56	6700-01	0.01		2.3	5.7	85.2	2.80	DOL TAN FXLN
57	-02	0.01		2.8	0.0	60.4	2.85	DOL TAN FXLN
58	-03	0.01		1.7	0.0	80.8	2.80	DOL TAN FXLN
59	-04	0.01		6.6	0.0	69.2	2.78	DOL GRY VFXLN
60	-05	0.01		6.4	1.0	92.2	2.76	DOL GRY VFXLN SHLY
61	-06	0.01		2.0	0.0	83.9	2.85	DOL BRN VFXLN
62	-07	0.01		1.3	0.0	69.6	2.83	DOL BRN VFXLN
63	-08	0.01		2.5	0.0	87.0	2.84	DOL BRN DNS-FXLN ANHY INC
	6708-25							ANHYDRITE NO ANALYSIS
64	-26	0.01		3.3	3.6	88.9	2.75	SS GRY FG DOL
65	-27	0.01		2.8	0.0	61.5	2.77	SS GRY FG
66	-28	0.01		3.0	0.0	55.5	2.75	SS GRY FG
	6728-31							ANHY & SH NO ANALYSIS
67	-32	0.01		2.5	0.0	51.7	2.77	DOL GRY FXLN
68	-33	0.01		4.0	0.0	64.7	2.75	SS GRY FG DOL
69	-34	0.01		5.4	0.0	71.4	2.74	SS GRY FG TR SH LAM
70	-35	0.01		6.5	0.0	78.5	2.75	SS TAN VFG V SHLY
71	-36	0.01		7.1	0.0	84.1	2.75	SS GRY VFG DOL
72	-37	0.01		3.7	4.4	88.8	2.80	DOL TAN VFXLN
	6737-40							ANHYDRITE NO ANALYSIS

B-1 INDUSTRIES, INC.

CORE ANALYSIS GRAPH

COMPANY TRUE OIL COMPANY
MUD TYPE SALT SATURATED
DATE 6-27-87
FILE 6187
WELL NO. 24-10 WATSON
LOCATION SEC 10 T26N R54W
FIELD
COUNTY, STATE SIOUX, NEBRASKA



B-1 INDUSTRIES, INC.
CORE ANALYSIS REPORT

COMPANY TRUE OIL COMPANY FILE NO. 6187
WELL NO. 24-10 WATSON FORMATION DES MOINES DATE 6-30-87
FIELD CORE TYPE DIA CONV ELEVATION 4633' KB
COUNTY SIOUX MUD TYPE SALT SAT ANALYST BP AH KB
STATE NEBRASKA LOCATION SEC 10 T26N 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							
73	6887-88	0.01		2.1	85.1	6.3	2.59	SH BLK SLTY ANHY INC
	6888-92							SHALE NO ANALYSIS
74	-93	0.01		5.9	6.9	55.5	2.75	SS GRY VF-FG ANHY INC
75	-94	0.01		3.1	0.0	55.2	2.82	DOL GRY VFXLN
76	-95	0.02		1.9	0.0	63.8	2.85	DOL GRY VFXLN ANHY INC
77	-96	0.01		1.4	0.0	80.9	2.87	DOL GRY FXLN
78	-97	0.01		1.1	0.0	27.3	2.72	LS GRY VFXLN
79	-98	0.01		2.1	0.0	24.1	2.72	LS TAN FXLN
80	-99	0.01		1.5	3.9	54.6	2.79	LS TAN FXLN VF
81	6899-00	0.01		1.4	2.9	64.0	2.83	DOL GRY-GRN VFXLN ARG
82	6900-01	0.01		4.4	2.7	27.1	2.84	DOL BRN FXLN ARG ANHY INC
83	-02	0.01		7.8	11.6	46.6	2.84	DOL TAN VFXLN
84	-03	0.09		17.1	0.6	60.0	2.84	DOL TAN VFXLN TR VUG
85	-04	8.0		23.1	0.0	67.9	2.83	DOL TAN VFXLN TR VUG
86	-05	2.7		17.5	9.3	60.5	2.83	DOL TAN VFXLN
87	-06	0.33		14.5	0.4	61.3	2.83	DOL TAN VFXLN TR VUG
88	-07	0.01		5.1	1.1	84.2	2.83	DOL DRK GRY XLN
89	-08	0.01		1.0	0.0	23.1	2.76	DOL DRK GRY XLN ANHY INC
	6908-09							SHALE NO ANALYSIS
90	-10	0.01		1.5	0.0	73.3	2.79	DOL TAN VFXLN
91	-11	0.01		4.0	3.4	34.4	2.83	DOL TAN DNS
92	-12	0.01		1.0	3.2	32.4	2.84	DOL TAN-BRN XLN ANHY LAM
93	-13	0.01		4.2	0.0	61.2	2.87	DOL TAN VFXLN ANHY FL
94	-14	0.65		9.8	10.2	48.7	2.84	DOL TAN VFXLN
95	-15	1.0		11.7	3.6	69.0	2.84	DOL TAN VFXLN
96	-16	0.07		8.1	0.0	72.8	2.87	DOL LT-DRK BRN XLN
97	-17	0.26		9.7	0.0	77.0	2.87	DOL BRN XLN ANHY FL
98	-18	0.18		6.9	0.0	69.1	2.88	DOL TAN BRN VFXLN ARG
99	-19	0.35		11.1	0.0	70.8	2.86	DOL TAN VFXLN
100	6919-20	0.24		13.3	0.0	81.7	2.84	DOL TAN VFXLN

B-1 INDUSTRIES, INC.
CORE ANALYSIS REPORT

COMPANY	TRUE OIL COMPANY			FILE NO.	6187
WELL	NO. 24-10 WATSON	FORMATION	DES MOINES	DATE	6-30-87
FIELD		CORE TYPE	DIA CONV	ELEVATION	4633' KB
COUNTY	SIOUX	MUD TYPE	SALT SAT	ANALYST	BP AH KB
STATE	NEBRASKA	LOCATION	SEC 10 T26N 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							
101	6920-21	1.5		15.4	0.0	69.6	2.84	DOL TAN VFXLN
102	-22	0.37		14.2	0.0	63.6	2.84	DOL TAN VFXLN
103	-23	1.8		18.7	0.0	56.7	2.84	DOL GRY VFXLN ARG
104	-24	0.63		18.1	0.0	65.6	2.84	DOL GRY VFXLN ARG
105	-25	0.07		10.2	0.0	56.5	2.86	DOL GRY VFXLN ARG VF
106	-26	0.07		8.7	0.0	83.3	2.85	DOL GRY VFXLN ARG VF
107	-27	0.04		8.9	0.0	69.2	2.85	DOL GRY VFXLN ANHY INC
108	-28	0.05		10.4	0.0	45.9	2.84	DOL TAN VFXLN
109	-29	0.02		8.7	0.0	78.7	2.84	DOL TAN VFXLN
110	-30	0.13		10.7	0.0	51.8	2.85	DOL TAN VFXLN
111	-31	0.12		16.2	0.0	74.0	2.84	DOL TAN VFXLN
112	-32	0.15		13.8	0.0	52.4	2.84	DOL TAN VFXLN
113	-33	0.20		15.5	0.0	65.1	2.83	DOL TAN VFXLN VF
114	-34	0.24		12.6	0.0	76.8	2.82	DOL TAN VFXLN VF
115	-35	0.06		13.3	0.0	48.9	2.81	DOL TAN VFXLN
116	-36	0.01		10.5	0.6	61.2	2.82	DOL TAN VFXLN
117	-37	0.01		8.8	1.0	91.0	2.80	DOL TAN VFXLN
118	-38	0.01		7.6	36.4	23.4	2.81	DOL TAN VFXLN
119	-39	0.01		8.8	36.4	50.1	2.80	DOL DRK GRY VFXLN SHLY
120	-40	0.01		5.6	36.9	46.1	2.84	DOL TAN VFXLN
121	-41	0.01		7.1	52.7	45.1	2.82	DOL GRY FXLN
122	-42	0.09		18.2	0.0	43.7	2.81	DOL TAN VFXLN ARG
	6942-43							ANHYDRITE NO ANALYSIS
123	-44	0.11		10.9	0.0	39.0	2.85	DOL TAN FXLN VF
124	-45	0.65		15.5	0.0	40.7	2.84	DOL TAN FXLN VF
125	-46	0.51		14.6	0.0	54.4	2.85	DOL TAN FXLN
126	-47	0.11		12.3	0.0	68.9	2.83	DOL TAN FXLN
127	-48	0.01		8.4	0.0	75.4	2.86	DOL TAN FXLN
128	-49	0.01		10.6	0.8	94.2	2.81	DOL DRK GRY FXLN TR PYR
129	6949-50	0.01		10.8	0.0	80.2	2.81	DOL TAN VFXLN

B-1 INDUSTRIES, INC.
CORE ANALYSIS REPORT

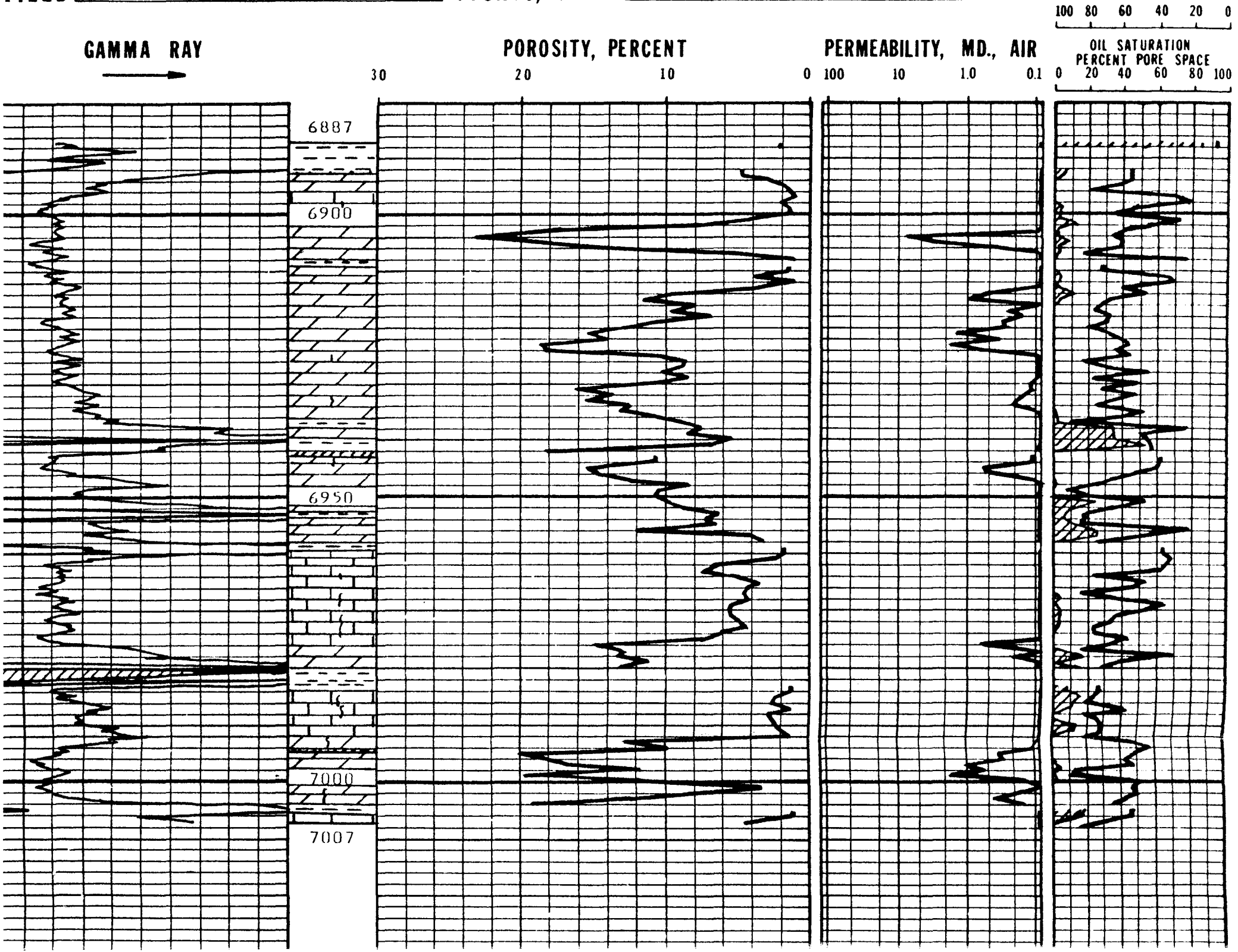
COMPANY TRUE OIL COMPANY FILE NO. 6187
WELL NO. 24-10 WATSON FORMATION DES MOINES DATE 6-30-87
FIELD CORE TYPE DIA CONV ELEVATION 4633' KB
COUNTY SIOUX MUD TYPE SALT SAT ANALYST BP AH KB
STATE NEBRASKA LOCATION SEC 10 T26N R54W

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								
130	6950-51	0.01		9.8	26.4	47.0	2.82	DOL TAN VFXLN	
131	-52	0.01		8.5	13.6	70.3	2.83	DOL TAN FXLN	
132	-53	0.01		6.4	6.4	83.2	2.85	DOL TAN FXLN	
133	-54	0.01		7.3	5.2	82.6	2.85	DOL GRY VFXLN	
134	-55	0.01		6.5	10.8	86.1	2.82	DOL GRY VFXLN	
135	-56	0.01		12.0	26.9	22.4	2.82	DOL GRY VFXLN	
136	-57	0.01		4.0	25.1	54.9	2.88	DOL GRY VF-FN XLN	
137	-58	0.01		3.1	0.0	75.1	2.81	DOL GRY XLN ANHY INC	
	6958-59							SHALE NO ANALYSIS	
138	-60	0.01		1.9	0.0	37.5	2.76	LS GRY XLN	
139	-61	0.01		2.6	0.0	31.6	2.73	LS TAN VFXLN	
140	-62	0.02		6.8	0.0	34.9	2.75	LS GRY BRN XLN	
141	-63	0.01		7.5	0.0	40.3	2.72	LS GRY BRN VFXLN	
142	-64	0.01		5.0	0.0	78.2	2.76	LS TAN VFXLN	VF
143	-65	0.01		3.5	0.0	46.4	2.78	LS TAN VFXLN	VF
144	-66	0.01		4.1	0.0	54.6	2.76	LS TAN VFXLN	
145	-67	0.02		4.9	0.0	85.5	2.76	LS TAN VFXLN	
146	-68	0.02		4.4	1.3	63.1	2.76	LS TAN VFXLN	VF
147	-69	0.01		5.7	0.0	36.4	2.75	LS TAN VFXLN	VF
148	-70	0.01		5.8	2.6	47.2	2.75	LS TAN VFXLN BLD DOL	INC
149	-71	0.01		5.7	3.2	63.8	2.76	LS TAN VFXLN	VF
150	-72	0.01		5.0	1.7	67.9	2.76	LS TAN VFXLN	VF
151	-73	0.01		4.3	1.8	79.0	2.76	LS TAN VFXLN	VF
152	-74	0.01		6.2	0.0	78.3	2.80	LS TAN VFXLN	VF
153	-75	0.02		7.7	0.0	56.8	2.80	LS TAN VFXLN	VF
154	-76	0.65		15.0	0.0	69.7	2.80	LS TAN VFXLN	
155	-77	0.04		12.9	0.0	83.8	2.80	LS TAN VFXLN	
156	-78	0.22		13.2	15.6	31.2	2.81	DOL TAN VFXLN	
157	-79	0.08		11.1	0.0	63.0	2.82	DOL TAN VFXLN	
158	6979- 0	0.05		13.3	15.5	72.3	2.81	DOL LT GRY VFXLN CAR	

B-1 INDUSTRIES, INC.
CORE ANALYSIS REPORT

COMPANY	TRUE OIL COMPANY			FILE NO.	6187
WELL	NO. 24-10 WATSON	FORMATION	DES MOINES	DATE	6-30-87
FIELD		CORE TYPE	DIA CONV	ELEVATION	4633' KB
COUNTY	SIOUX	MUD TYPE	SALT SAT	ANALYST	BP AH KB
STATE	NEBRASKA	LOCATION	SEC 10 T26N 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	
	6980-83							SHALE NO ANALYSIS	
159	-84	0.01		1.3	7.3	73.3	2.78	LS TAN XLN DNS	
160	-85	0.01		2.5	15.9	79.4	2.73	LS TAN VFXLN	VF
161	-86	0.01		2.7	10.4	82.9	2.73	LS TAN VFXLN	VF
162	-87	0.01		1.4	10.0	59.8	2.72	LS BRN VFXLN	VF
163	-88	0.01		2.9	0.0	83.6	2.79	LS TAN XLN	VF
164	-89	0.01		2.6	0.0	74.3	2.75	LS TAN XLN	VF
165	-90	0.01		2.3	11.8	70.9	2.75	LS TAN XLN	
166	-91	0.01		2.0	11.9	71.5	2.74	LS TAN VFXLN	
167	-92	0.01		1.3	0.0	81.7	2.71	LS TAN DNS	
168	-93	0.08		12.7	0.0	54.4	2.80	DOL TAN FXLN	VF
169	-94	0.10		9.8	0.0	42.8	2.80	DOL TAN VFXLN ARG	VF
170	-95	0.37		20.0	0.0	50.3	2.81	DOL GRY FXLN	
171	-96	0.32		18.2	0.0	58.3	2.81	DOL TAN VFXLN ARG	
172	-97	1.3		16.9	0.8	50.8	2.82	DOL TAN VFXLN ARG	
173	-98	0.53		11.8	2.3	87.7	2.86	DOL TAN XLN	
174	-99	1.9		19.9	0.0	89.4	2.80	DOL TAN VFXLN ARG	
175	6999-00	0.13		9.4	0.6	49.7	2.85	DOL TAN VFXLN ARG	
176	7000-01	0.07		3.4	0.0	54.2	2.90	DOL TAN XLN ABD ANHY	
177	-02	0.16		8.4	0.0	50.7	2.86	DOL TAN VFXLN	VF
178	-03	0.42		12.9	0.0	60.8	2.84	DOL TAN VFXLN ARG	VF
179	-04	0.15		19.2	0.0	66.6	2.80	DOL TAN VFXLN ARG	VF
	7004-05							SHALE NO ANALYSIS	
180	-06	0.01		1.4	18.3	54.9	2.70	LS BRN XLN	
181	7006-07	0.01		4.8	0.0	85.2	2.73	LS BRN VFXLN	

FIELD _____ COUNTY, STATE SIOUX, NEBRASKA