TRUE OIL COMPANY

WEILLS NO. 33 - 25

B-1 INDUSTRIES, INC.

B-1 INDUSTRIES, INC.
CORE ANALYSIS REPORT

COMPANY TRUE OIL COMPANY FILE NO. 1288
WELL WEILLS # 33-25 FORMATION ADMIRE DATE 1-2-88
FIELD CORE TYPE DIA CONV ELEVATION 4663 KB
COUNTY SIOUX MUD TYPE SALT SAT ANALYST BP KB DH AH
STATE NEBRASKA LOCATION NW SE SEC25 T25N R55W

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
1	7090-91	0.01		12.0	0.7	81.4	2.81	DOL GY FXLN
2	-92	0.07		13.3	1.4	78.6	2.80	DOL DK GY FXLN
3	-93	0.02		1.9	0.0	35.6	2.76	SS GY VFFG
4	-94	0.02		2.0	0.0	54.4	2.76	SS GY VFFG
5	-95	0.06		3.9	0.0	86.0	2.72	SS DK GY VFG DOL
6	-96	0.65		12.4	0.0	43.8	2.73	SS GY VFG
7	-97	0.69		6.5	0.0	49.2	2.72	SS GY VFG
8	-98	0.16		3.7	1.0	50.2	2.73	SS GY VFG
9	-99	0.02		2.4	0.0	53.2	2.75	SS GY VFG
	7099-06							ANHYDRTIE NO ANALYSIS
10	7006-07	0.05		2.6	6.8	81.4	2.74	DOL DK GY VFXLN SHLY
11	-08	0.01		6.1	0.0	89.3	2.81	DOL TAN VFXLN TR SH LAM
12	-09	0.01		4.2	0.0	82.2	2.84	DOL TAN FXLN
13	-10	0.01		1.0	0.0	60.2	2.72	DOL GY VFXLN
14	-11	0.01		1.0	1.2	83.2	2.84	DOL TAN FXLN
15	-12	0.01		5.0	0.0	52.1	2.84	DOL TAN VFXLN ANHY INC
	7112-14							ANHYDRITE NO ANALYSIS
16	7114-15	0.01		2.6	2.7	67.2	2.81	SS GY VFG ANHY INC
17	-16	0.01		3.7	1.4	63.2	2.78	SS GY VFG TR ANHY INC
18	-17	0.01		6.3	0.0	74.0	2.75	SS GY VFG
19	-18	0.02		4.4	0.0	87.5	2.74	SS TAN VFG
20	-19	0.03		6.5	0.0	87.2	2.71	SS TAN VFG SLTY
21	-20	0.01		1.0	0.0	56.0	2.74	SS GY VFG
22	-21	0.01		6.4	0.0	84.6	2.72	SS TAN VFG
23	-22	0.74		7.3	0.0	89.3	2.72	DOL GY-TAN VXLN SHLY
24	-23	0.39		6.2	0.0	76.5	2.71	DOL GY FXLN SHLY
	7123-34							ANHYDRITE NO ANALYSIS
25	7134-35	0.04		9.0	4.4	57.6	2.80	DOL TAN XLN
26	-36	0.04		10.2	4.1	57.0	2.81	DOL TAN XLN
27	7136-37	0.01		7.8	5.5	82.5	2.81	DOL TAN XLN

VF

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PERMEABILITY & POROSITY WERE RUN ON SALT FREE PLUGS

SAMP NO	DEPTH	PERMEABILITY HORIZ	PERMEABILITY VERT	POR %	OIL %	WATER %	GR DNS	DESCRIPTION
28	7137-38	0.01		3.6	5.3	74.8	2.77	DOL TAN XLN
29	-39	0.01		2.5	4.1	78.4	2.86	DOL GY FXLN
30	-40	0.01		1.1	3.7	54.8	2.83	DOL GY XLN
31	-41	0.01		1.0	22.9	63.0	2.80	DOL GY VFXLN TR SH LAM
32	-42	0.42		6.5	0.0	90.1	2.85	DOL DK GY VFXLN
33	-43	0.01		3.9	0.0	85.4	2.70	DOL GY VFXLN
34	-44	0.06		3.5	0.0	85.9	2.69	DOL GY VFXLN
	7144-49							ANHYDRITE NO ANALYSIS
	7149-7218							DRILLED TO MISSOURIAN
35	7218-19	0.01		1.0	0.0	60.3	2.68	DOL GY VFXLN CALC
36	-20	0.01		1.0	0.0	51.1	2.69	DOL GY VFXLN CALC
37	-21	2.7		14.7	7.4	41.6	2.71	LS GY FXLN VUGGY
38	-22	8.5		16.0	0.0	16.0	2.70	LS GY FXLN VUGGY
39	-23	0.01		2.5	2.2	66.1	2.73	LS TAN DNS
40	-24	0.01		1.7	2.2	67.1	2.73	LS TAN DNS
41	-25	0.01		2.8	0.0	63.6	2.70	LS TAN DNS
42	-26	0.53		7.4	0.0	54.8	2.81	LS TAN DNS
43	-27	0.18		7.9	2.2	33.2	2.83	DOL TAN DNS ANHY INC
44	-28	0.24		6.6	0.7	75.4	2.83	DOL GY VFXLN
45	-29	0.30		7.4	0.0	85.2	2.81	DOL GY VFXLN ANHY INC
46	-30	0.23		12.3	0.0	91.1	2.84	DOL GY VFXLN TR ANHY INC
47	-31	1.5		9.4	0.0	92.5	2.83	DOL GY VFXLN TR ANHY INC
48	-32	0.61		8.5	0.0	89.6	2.83	DOL GY VFXLN TR ANHY INC
49	-33	7.2		14.0	0.0	91.5	2.84	DOL GY VFXLN TR ANHY INC
50	-34	8.5		12.8	0.0	91.7	2.86	DOL GY VFXLN TR ANHY INC
51	-35	1.0		10.5	0.0	88.2	2.78	DOL GY VFXLN TR ANHY INC
52	-36	0.20		5.9	0.0	91.4	2.85	DOL GY TR ANHY INC
53	-37	1.9		11.6	0.0	86.3	2.85	DOL GY VFXLN TR ANHY INC
54	-38	11		8.5	0.0	90.0	2.82	DOL TAN VFXLN
55	7238-39	8.5		14.5	0.4	95.6	2.87	DOL TAN FXLN

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COUNTY SIOUX MUD TYPE SALT SAT ANALYST BP KB DH AH
STATE NEBRASKA LOCATION NW SE SEC25 T25N R55W

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	
56	7239-40	2.9		16.0	0.0	82.8	2.80	DOL TAN VFXLN	
57	-41	0.02		5.5	7.7	69.0	2.71	DOL TAN VFXLN DNS	
58	-42	0.01		5.2	18.8	37.7	2.75	LS TAN FXLN ANHY INC	
59	-43	0.01		1.0	10.5	62.8	2.66	LS TAN FXLN	
60	-44	0.01		2.1	0.7	63.7	2.68	LS TAN FXLN	
61	-45	0.09		8.3	4.3	60.1	2.73	LS GY FXLN	VF
62	-46	0.42		2.3	3.2	80.9	2.72	LS GY FXLN	
63	-47	0.01		3.3	0.0	77.8	2.73	LS GY FXLN	
64	-48	0.01		1.2	7.4	74.0	2.71	LS GY FXLN	VF
65	-49	0.01		1.1	0.0	83.1	2.71	LS GY FXLN	
66	-50	0.01		1.2	0.0	56.4	2.71	LS GY FXLN	
67	-51	0.01		1.9	7.8	77.5	2.72	LS GY FXLN	
68	-52	0.01		1.0	0.0	80.0	2.70	LS GY FXLN	
69	-53	0.01		1.0	0.0	85.2	2.70	LS GY FXLN	
70	-54	0.01		2.6	5.6	83.3	2.72	LS DK GY FXLN	
71	-55	0.01		6.8	1.0	66.8	2.85	LS DK GY FXLN	
72	-56	0.01		7.6	6.6	55.8	2.80	DOL GY VFXLN	
73	-57	0.01		7.0	0.0	92.8	2.78	DOL GY VFXLN	
74	7257-58	0.01		3.6	0.5	92.5	2.77	DOL GY VFXLN	
	7258-62							ANHYDRITE NO ANALYSIS	
75	7262-63	0.01		4.4	0.0	85.9	2.74	DOL GY VFXLN	
	7263-64							ANHYDRITE NO ANALYSIS	
76	7264-65	0.01		2.7	0.0	86.1	2.91	SS GY VFG ABD ANHY	
77	-66	0.01		5.3	0.0	46.8	2.76	SS GY VFG	
78	7266-67	0.01		1.0	0.0	86.0	2.71	SS GY VFG	
	7267-70							ANHYDRITE NO ANALYSIS	
79	7270-71	0.01		3.0	62.8	26.9	2.65	DOL TAN VFXLN ANHY INC	
80	-72	0.01		9.6	21.8	40.0	2.80	DOL TAN VFXLN ANHY INC	VF
81	-73	0.01		13.6	9.3	60.5	2.77	DOL GY VFXLN	
82	7273-74	0.01		8.1	48.7	48.7	2.76	DOL DK GY VFXLN V SHLY	VF

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STATE NEBRASKA LOCATION NW SE SEC25 T25N R55W

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
83	7274-75	0.01		5.3	30.2	60.3	2.77	DOL DK GY XLN
84	-76	0.01		1.3	0.0	76.8	2.81	DOL TAN FXLN VF
85	-77	0.01		2.0	18.5	73.9	2.82	DOL TAN FXLN
86	7277-78	0.01		4.9	1.3	87.9	2.83	DOL DK GY XLN
87	7278-79	0.01		1.8	0.0	79.4	2.92	DOL DK GY VFXLN ANHY INC
88	-80	0.01		1.3	0.0	84.4	2.90	DOL DK GY VFXLN ANHY INC
89	-81	0.01		6.1	0.0	85.4	2.76	DOL DK GY VFXLN ANHY INC
90	-82	0.01		6.7	9.7	77.5	2.86	DOL TN VFXLN ANHY INC
91	7282-83	0.01		1.0	0.0	87.8	2.76	DOL TN VFXLN ANHY INC
	7283-93							ANHYDRITE NO ANALYSIS
92	7293-94	0.01		1.1	0.0	50.7	2.86	DOL DK GY VFXLN
93	-95	0.03		1.0	5.8	58.0	2.86	DOL DK GY DNS
	7295-98							ANHYDRITE NO ANALYSIS
94	7298-99	0.01		1.1	0.0	86.6	2.75	DOL GY FXLN
	7299-7303							ANHYDRITE NO ANALYSIS
95	7303-04	0.36		6.9	3.7	91.9	2.78	DOL TN FXLN
96	-05	0.01		5.5	0.0	78.7	2.81	DOL GY FXLN
97	-06	0.01		1.7	0.0	97.7	2.70	DOL DK GY VFXLN SHLY IN PART
98	-07	0.01		1.0	0.0	84.7	2.80	DOL TN FXLN
99	-08	0.01		1.1	0.0	74.4	2.75	LS GY FXLN OOL IN PART
100	-09	0.01		7.9	0.0	90.8	2.75	LS GY FXLN
101	-10	0.01		6.1	0.0	79.3	2.71	LS GY FXLN
102	-11	0.01		5.2	0.0	44.9	2.72	LS GY FXLN
103	-12	0.01		5.6	0.0	38.3	2.72	LS GY FXLN
104	-13	0.01		5.6	0.0	80.9	2.70	LS DK GY VFXLN
105	7313-14	0.01		1.0	0.0	80.6	2.93	LS DK GY XLN ANHY INC
	7314-22							ANHYDRITE NO ANALYSIS
106	7322-23	0.01		1.9	11.5	80.5	2.87	DOL TN FXLN
107	-24	0.01		3.9	2.0	81.0	2.84	DOL TN FXLN TR ANHY INC VF
108	7324-25	0.01		7.7	0.0	96.4	2.81	DOL TN FXLN

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COMPANY	TRUE OIL COMPANY			FILE NO.	1288
WELL	WEILLS # 33-25	FORMATION	MISSOURIAN	DATE	1-4-88
FIELD		CORE TYPE	DIA CONV	ELEVATION	4663 KB
COUNTY	SIOUX	MUD TYPE	SALT SAT	ANALYST	BP KB DH AH
STATE	NEBRASKA	LOCATION	NW SE SEC25 T25N R55W		

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
109	7325-26	0.01		6.1	18.5	74.1	2.82	DOL GY VFXLN
110	-27	0.01		3.7	0.0	61.8	2.83	DOL TN XLN
111	-28	0.01		5.2	0.0	90.0	2.71	DOL GY FXLN
112	-29	0.01		1.1	0.0	83.8	2.81	DOL GY FXLN
113	-30	0.01		1.5	0.0	60.2	2.77	DOL GY FXLN
114	-31	0.01		3.6	4.3	86.9	2.81	DOL GY FXLN
115	-32	0.01		3.2	3.5	87.3	2.75	DOL GY FXLN
116	-33	0.01		1.0	6.3	63.4	2.75	DOL GY FXLN
	7333-38	DES MOINES FORMATION						ANHYDRITE NO ANALYSIS
117	7338-39	0.01		4.5	0.0	91.7	2.86	DOL GY VFXLN
118	-40	0.01		5.0	0.0	93.8	2.83	DOL GY VFXLN
119	-41	0.01		6.2	0.0	91.4	2.83	DOL GY VFXLN
120	-42	0.01		5.3	0.0	77.3	2.81	DOL GY VFXLN
121	-43	0.01		5.1	0.0	92.1	2.84	DOL GY VFXLN
122	-44	0.01		5.2	6.0	83.6	2.82	DOL GY VFXLN TR ANHY INC
123	-45	0.01		3.9	8.1	89.0	2.76	DOL GY VFXLN TR ANHY INC
124	-46	0.01		6.3	5.5	88.5	2.82	DOL GY VFXLN
125	-47	0.01		3.2	12.1	72.4	2.77	DOL DK GY VFXLN
126	-48	0.01		1.4	31.0	19.4	2.53	SH DK GY SLTY DOL
127	-49	0.01		1.0	25.7	51.3	2.65	SH DK GY SLTY DOL
128	-50	0.01		1.0	60.2	37.6	2.58	SH DK GY SLTY DOL
129	-51	0.01		1.1	39.2	47.0	2.58	SH DK GY SLTY DOL
130	-52	0.01		1.0	8.5	85.4	2.58	SH DK GY SLTY DOL
131	-53	0.01		3.5	17.6	79.0	2.79	DOL GY FXLN
132	-54	0.01		3.9	1.6	95.1	2.81	DOL GY FXLN
133	-55	0.01		1.0	0.0	97.2	2.65	LS TN DNS
134	-56	0.01		2.7	0.0	95.0	2.78	DOL GY FXLN
135	-57	0.01		4.3	0.0	85.0	2.82	DOL GY FXLN
136	-58	0.01		1.1	12.8	76.7	2.73	LS TN FXLN
137	7358-59	0.01		1.1	0.0	83.0	2.70	LS TN FXLN

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COUNTY SIOUX MUD TYPE SALT SAT ANALYST BP KB DH AH
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SAMP NO	DEPTH	PERMEABILITY HORIZ	PERMEABILITY VERT	POR %	OIL %	WATER %	GR DNS	DESCRIPTION	
138	7359-60	0.01		1.0	0.0	82.9	2.70	LS TN DNS	
139	-61	0.01		1.1	18.2	72.9	2.69	LS GY DNS	
140	-62	0.01		1.0	0.0	82.2	2.68	LS BRN DNS	
141	-63	0.02		7.4	0.0	65.0	2.82	DOL GY VFXLN	VF
142	-64	0.87		10.8	20.0	45.6	2.81	DOL TN VFXLN	VF
143	-65	3.1		17.6	23.1	34.6	2.80	DOL TN VFXLN	
144	-66	2.0		13.6	19.2	34.9	2.82	DOL TN VFXLN	
145	-67	0.13		9.4	1.3	85.8	2.83	DOL GY VFXLN	
146	-68	0.05		8.1	0.6	80.0	2.83	DOL GY VFXLN	
147	-69	0.18		11.0	0.0	75.4	2.85	DOL GY VFXLN SL CALC	
148	-70	0.27		16.3	0.0	64.4	2.84	DOL GY VFXLN SL CALC	
149	-71	1.3		18.1	0.0	91.3	2.85	DOL TN VFXLN	
150	-72	2.6		20.2	9.4	79.9	2.84	DOL GY VFXLN	
151	-73	2.3		20.1	0.0	80.5	2.84	DOL GY VFXLN	
152	-74	1.9		19.4	0.0	88.6	2.84	DOL GY VFXLN	
153	-75	1.0		20.2	0.0	76.2	2.84	DOL GY VFXLN	
154	-76	4.2		24.6	0.0	78.1	2.83	DOL GY VFXLN	
155	-77	5.1		24.9	0.0	89.3	2.84	DOL GY VFXLN	
156	-78	5.4		24.2	0.3	93.4	2.83	DOL GY VFXLN	
157	-79	2.6		22.3	0.4	82.8	2.83	DOL GY VFXLN SL CALC	
158	-80	2.9		22.2	0.3	79.9	2.84	DOL GY VFXLN SL CALC	
159	-81	1.8		19.8	0.9	62.7	2.85	DOL GY VFXLN	
160	-82	1.3		11.2	1.6	77.5	2.87	DOL GY VFXLN	
161	-83	2.9		21.2	0.4	82.8	2.83	DOL GY VFXLN	
162	-84	0.08		14.9	0.0	67.6	2.83	DOL GY VFXLN	
163	-85	0.01		10.9	0.0	78.2	2.81	DOL GY VFXLN	
164	-86	0.88		19.6	0.0	80.9	2.81	DOL GY VFXLN	
165	-87	0.12		14.0	0.4	61.6	2.82	DOL GY VFXLN	
166	-88	0.06		15.2	1.2	69.5	2.80	DOL GY VFXLN	
167	7388-89	0.01		4.7	7.7	84.3	2.80	DOL DK GY VFXLN	

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FIELD		CORE TYPE	DIA CONV	ELEVATION	4663 KB
COUNTY	SIOUX	MUD TYPE	SALT SAT	ANALYST	BP KB DH AH
STATE	NEBRASKA	LOCATION	NE SE SEC25 T25N R55W		

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	
168	7389-90	0.01		8.9	49.9	46.3	2.77	DOL DK GY VFXLN	
169	-91	0.01		9.8	54.1	33.5	2.76	DOL DK GY VFXLN	
	7391-92							SHALE NO ANALYSIS	
170	7392-93	0.01		1.6	47.9	35.9	2.72	LS DK GY FXLN	
171	-94	0.01		1.0	50.5	37.9	2.76	LS DK GY XLN	
	7394-95							ANHYDRITE NO ANALYSIS	
172	7395-96	0.03		6.4	0.0	87.8	2.80	LS GY VFXLN	
173	7396-97	0.01		19.2	1.0	79.5	2.81	LS GRY VFXLN DOL IN PT	
174	-98	0.01		17.5	0.7	73.5	2.81	LS GRY VFXLN DOL IN PT	
175	-99	0.01		7.3	1.6	84.3	2.84	LS GRY VFXLN DOL IN PT	
176	7399-00	0.01		3.9	2.4	62.8	2.78	LS GRY VFXLN	
177	7400-01	0.01		5.0	8.6	86.2	2.81	LS GRY VFXLN	VF
178	-02	0.01		6.2	19.0	68.2	2.84	DOL DRK GRY FXLN	
179	-03	0.01		11.2	13.6	54.4	2.86	DOL GRY FXLN	
180	-04	0.01		6.6	0.0	50.1	2.83	DOL DRK GRY VFXLN	
181	-05	0.01		4.9	3.3	78.0	2.86	DOL GRY XLN	
182	-06	0.01		4.0	5.9	87.8	2.85	DOL GRY FXLN	
183	-07	0.04		10.7	0.8	67.1	2.82	DOL GRY VFXLN	
184	-08	0.01		7.7	0.0	42.9	2.77	DOL GRY XLN	
185	-09	0.01		1.5	3.6	35.6	2.70	LS GRY XLN	
186	-10	0.01		1.9	1.9	56.4	2.70	LS DRK GRY XLN	
187	-11	0.01		1.6	8.1	80.6	2.70	LS BRN DNS	
188	-12	0.01		2.4	0.0	35.9	2.71	SS GRY VFG CALC	
189	-13	0.01		2.3	2.2	33.7	2.71	SS GRY VFG CALC	
190	-14	0.01		2.0	1.9	29.1	2.70	SS GRY FG CALC	
191	-15	0.09		3.6	8.0	79.8	2.73	LS TAN VFXLN	
192	-16	0.06		3.1	3.3	82.6	2.73	LS TAN XLN DNS IN PT	
193	-17	0.01		2.8	3.6	90.8	2.73	LS TAN FXLN	
194	-18	0.01		2.3	0.0	92.6	2.72	LS TAN VFXLN	
195	7418-19	0.01		2.2	0.0	65.3	2.72	LS GRY DNS	

B-1 INDUSTRIES, INC.
CORE ANALYSIS REPORT

COMPANY TRUE OIL COMPANY
FILE NO. 1288
WELL WEILLS # 33-25
FORMATION DES MOINES
DATE 1-6-88
FIELD
CORE TYPE DIA CONV
ELEVATION 4663' KB
COUNTY SIOUX
MUD TYPE SALT SAT
ANALYST BP DH DJ VS KB
STATE NEBRASKA
LOCATION NE SE SEC 25 T15N R55W

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	
196	7419-20	0.01		2.4	0.0	71.0	2.72	LS GRY DNS ANHY INC	
197	-21	0.01		2.2	3.7	55.9	2.70	LS TAN DNS	
198	-22	0.01		1.5	5.8	86.3	2.70	LS TAN VFXLN	
199	-23	0.01		2.0	5.5	82.8	2.74	LS TAN VFXLN	
200	-24	0.01		2.1	0.0	74.7	2.74	LS TAN VFXLN	
201	-25	0.01		3.0	0.0	94.5	2.77	LS TAN VFXLN	
202	-26	0.01		3.9	0.0	97.5	2.70	LS TAN VFXLN	
203	-27	2.1		22.2	15.7	74.8	2.83	DOL TAN VFXLN	
204	-28	2.1		21.7	24.4	66.1	2.80	DOL TAN VFLXN CALC	
205	-29	3.1		17.0	25.0	45.9	2.82	DOL TAN FXLN TR ANHY INC	
206	-30	0.01		9.1	3.3	79.5	2.85	DOL TAN FXLN	VF
207	-31	0.01		11.8	0.5	85.8	2.82	DOL TAN FXLN	
208	-32	0.01		13.9	0.3	84.1	2.80	DOL TAN FXLN	VF
209	-33	0.02		14.3	1.5	74.8	2.80	DOL TAN FXLN	VF
210	-34	0.73		18.0	2.2	77.7	2.81	DOL GRY XLN	VF
	7434-37							SHALE NO ANALYSIS	
211	-38	0.01		1.0	13.0	26.1	2.67	LS GRY XLN	
212	-39	0.01		1.1	0.0	85.9	2.69	LS GRY DNS	
213	-40	0.01		1.2	5.7	85.8	2.71	LS TAN FXLN	VF
214	-41	0.01		1.0	0.0	86.2	2.68	LS TAN FXLN	VF
215	-42	0.01		1.6	0.0	42.4	2.72	LS DRK GRY XLN	VF
216	-43	0.01		1.9	0.6	62.8	2.77	LS GRY FXLN	VF
217	-44	0.01		1.2	0.0	78.4	2.77	LS GRY FXLN	VF
218	-45	0.01		1.2	0.0	87.3	2.77	LS GRY XLN	
219	-46	0.01		1.0	23.2	46.5	2.74	LS DRK GRY XLN	VF
220	-47	0.01		1.0	0.0	72.4	2.70	LS DRK GRY FXLN	
	7447-49							ANHYDRITE NO ANALYSIS	
221	-50	0.01		1.0	0.0	54.1	2.76	SS GRY FG	
222	-51	0.06		3.5	0.0	59.5	2.74	SS GRY FG	
223	7451-52	0.01		3.8	0.0	63.6	2.74	SS GRY FG	

B-1 INDUSTRIES, INC.
CORE ANALYSIS REPORT

COMPANY TRUE OIL COMPANY FILE NO. 1288
WELL WEILLS # 33-25 FORMATION DES MOINES DATE 2-6-88
FIELD CORE TYPE DIA CONV ELEVATION 4663' KB
COUNTY SIOUX MUD TYPE SALT SAT ANALYST BP DJ DH VS KB
STATE NEBRASKA LOCATION NE SE SEC 25 T25N R55W

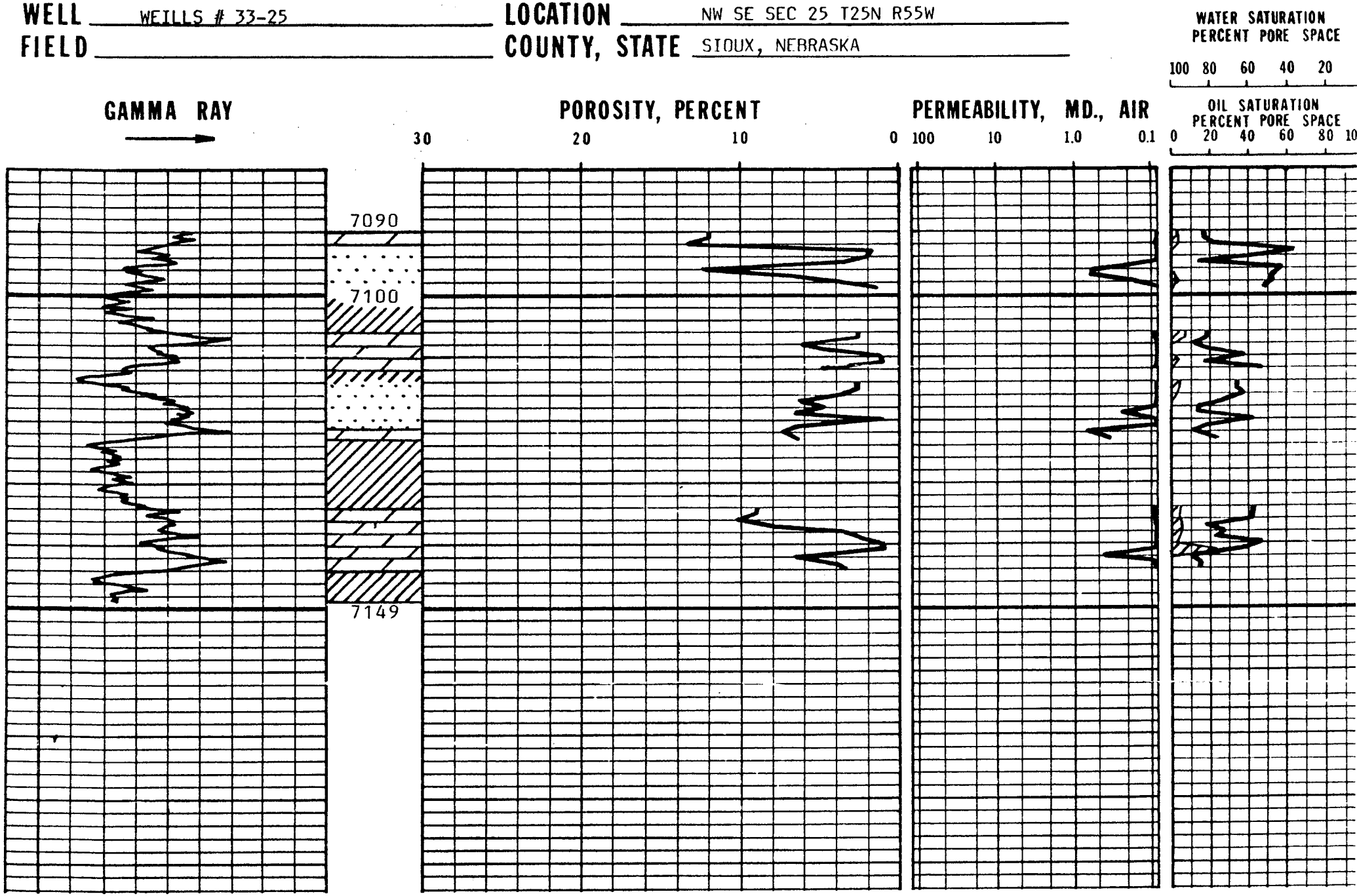
BOYLES LAW CORE ANALYSIS, PERMEABILITY TO AIR AT 1000psi NET OVERBURDEN
PERMEABILITY & POROSITY WERE RUN ON SALT FREE PLUGS

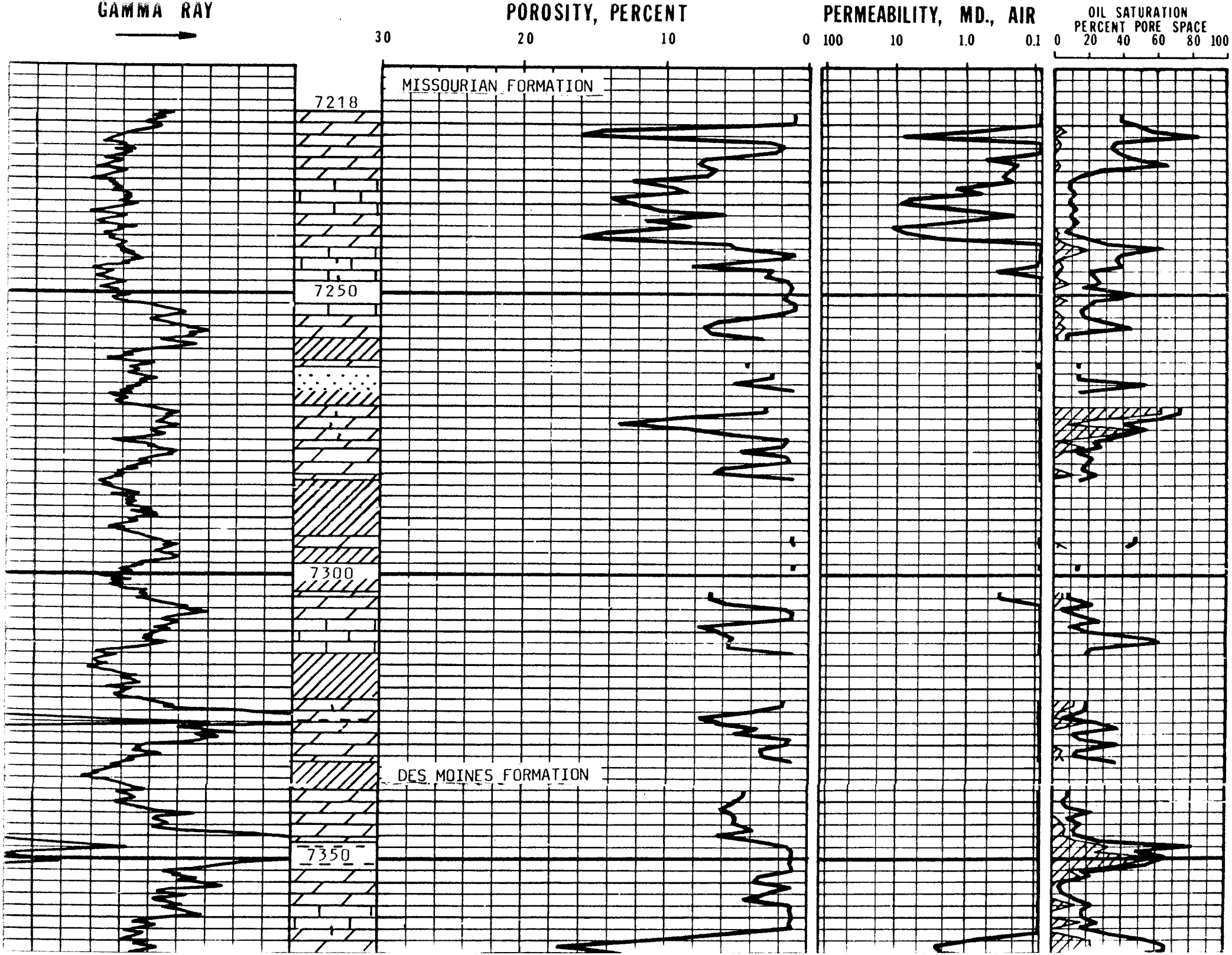
SAMP NO	DEPTH	PERMEABILITY HORIZ	PERMEABILITY VERT	POR %	OIL %	WATER %	GR DNS	DESCRIPTION
224	7452-53	0.01		4.7	0.6	87.5	2.90	DOL TAN VFXLN ABD ANHY
225	-54	0.32		8.0	0.0	74.0	2.89	DOL TAN VFXLN ABD ANHY
226	-55	0.87		12.9	0.0	86.3	2.83	DOL TAN FXLN
227	-56	3.0		16.9	0.0	85.6	2.81	DOL TAN VFXLN
228	-57	0.53		10.2	0.4	76.1	2.82	DOL TAN FXLN TR VUG
229	-58	1.3		17.8	0.3	90.5	2.80	DOL TAN FXLN
230	-59	0.24		13.1	0.0	66.3	2.81	DOL TAN FXLN
	7459-60							SHALE NO ANALYSIS
231	-61	0.01		1.0	0.0	80.3	2.70	LS DRK GRY XLN DNS
232	-62	0.01		1.1	0.0	53.7	2.73	LS DRK GRY DNS
233	-63	0.01		5.5	5.0	50.1	2.77	LS TAN FXLN
234	-64	0.01		3.2	5.2	85.4	2.78	LS DRK GRY XLN
235	-65	0.01		8.4	5.7	86.1	2.81	DOL TAN FXLN
236	-66	0.01		1.0	4.3	63.8	2.70	LS TAN VFXLN
237	-67	0.01		1.1	0.0	62.5	2.70	LS TAN VFXLN DNS
238	-68	0.01		1.0	7.7	67.0	2.71	LS TAN FXLN
239	-69	0.01		9.5	0.0	58.1	2.81	DOL TAN FXLN SL CALC
240	-70	0.01		9.7	4.1	41.4	2.81	DOL TAN FXLN SL CALC
241	-71	0.01		15.9	4.9	34.6	2.80	DOL TAN XLN
242	-72	0.01		3.7	3.8	68.5	2.75	DOL TAN XLN SL CALC
243	-73	0.01		14.7	5.2	62.9	2.81	DOL GRY FXLN SL CALC
244	-74	0.01		2.4	1.3	74.2	2.75	DOL TAN XLN
245	-75	0.27		15.7	1.8	43.1	2.86	DOL GRY XLN
246	7475-76	0.06		17.9	0.8	49.4	2.86	DOL GRY XLN

B-1 INDUSTRIES, INC.

CORE ANALYSIS GRAPH

COMPANY TRUE OIL COMPANY
MUD TYPE SALT SATURATED
DATE 1-2-88
FILE 1288
WELL WEILLS # 33-25
LOCATION NW SE SEC 25 T25N R55W
FIELD
COUNTY, STATE SIOUX, NEBRASKA




GAMMA RAY
POROSITY, PERCENT
30
20
10
0
PERMEABILITY, MD., AIR
100
10
1.0
0.1
OIL SATURATION
PERCENT PORE SPACE
0
20
40
60
80
100
MISSOURIAN FORMATION
7218
7250
7300
DES MOINES FORMATION
7350

7476
7450
7400
7350