



SPECIALIZING IN CORE ANALYSIS - ON-OFF LOCATION - OFFSHORE

WELL Chas. H. Bean #1 COUNTY Hardy STATE W. Va.

COMPANY Exxon Co. of DATE 4-14-80

FIELD W/C TYPE CORES 4" Dia. Concl. ANALYST Thorp

Core #1 9791' - 9821' Core #2 30' Ruc 30'

ANALYSIS DATA AND INTERPRETATIONS

DEPTH	PERMEABILITY MILLIDARCY		CORE GAS UNITS	GAS BY VOLUME %	OIL BY VOLUME %	POROSITY %	SATURATION		PROD. PROD.	CORE DESCRIPTION
	VERT.	HORIZ.					WATER % PORE SPACE	OIL % PORE SPACE		
9791	20 ^{0.25}	0	0	0.1	0.0	0.4	75 ⁰	0.0	None	
92	20 ^{0.25}	0	0	0.05	0.0	1.4	96 ⁴	0.0		
93	20 ^{0.25}	0	0	0.5	0.0	0.8	33 ²	0.0		
94	20 ^{0.25}	0	0	0.1	0.0	0.4	75 ⁰	0.0		
95	20 ^{0.25}	0	0	0.05	0.0	0.2	91 ²	0.0		
96	20 ^{0.25}	0	0	0.05	0.0	1.5	91 ²	0.0		
97	20 ^{0.25}	0	0	0.05	0.0	0.4	75 ⁰	0.0		
98	20 ^{0.25}	0	0	0.05	0.0	0.6	91 ⁶	0.0		
99	20 ^{0.25}	0	0	0.2	0.0	0.3	33 ²	0.0		
800	20 ^{0.25}	0	0	0.1	0.0	0.7	79 ²	0.0		
01	20 ^{0.25}	0	0	0.2	0.0	0.8	69 ⁵	0.0		
02	20 ^{0.25}	0	0	0.3	0.0	0.6	50 ⁰	0.0		
03	20 ^{0.25}	0	0	0.3	0.0	0.4	25 ⁰	0.0		
04	20 ^{0.25}	0	0	0.2	0.0	0.4	25 ⁰	0.0		
05	20 ^{0.25}	0	0	0.3	0.0	0.3	33 ³	0.0		
06	20 ^{0.25}	0	0	0.3	0.0	0.7	57 ²	0.0		
07	20 ^{0.25}	0	0	0.1	0.0	0.4	75 ⁰	0.0		
08	20 ^{0.25}	0	0	0.2	0.0	1.0	80 ²	0.0		
09	20 ^{0.25}	0	0	0.2	0.0	0.7	76 ³	0.0		
10	20 ^{0.25}	0	0	0.1	0.0	0.2	50 ⁰	0.0		
11	20 ^{0.25}	0	0	0.1	0.0	0.3	50 ⁰	0.0		
12	20 ^{0.25}	0	0	0.1	0.0	0.4	75 ⁰	0.0		
13	20 ^{0.25}	0	0	0.1	0.0	0.4	75 ⁰	0.0		
14	20 ^{0.25}	0	0	0.1	0.0	0.4	75 ²	0.0		

CONFIDENTIAL



All Points, Inc.
Johnnie L. Thorp, President

9902 CLIFFWOOD DRIVE
HOUSTON, TEXAS 77096
729-0600 • AREA CODE 713

SPECIALIZING IN CORE ANALYSIS • ON-OFF LOCATION • OFFSHORE

WELL Chas. H. Boon #1 COUNTY Hardy STATE W. Va.

COMPANY EXXON CO. U.S.A. DATE 4-25-78

FIELD W/C TYPE CORES 5 1/2" Cond. ANALYST Thorp

CORV #2 11047' - 11107' Core'd 60' Rec 60'

ANALYSIS DATA AND INTERPRETATIONS

DEPTH	PERMEABILITY MILLIDARCY		COMB. GAS UNITS	GAS BY VOLUME %	OIL BY VOLUME %	POROSITY %	SATURATION WATER % PORE SPACE	SATURATION OIL % PORE SPACE	PROB. PROD.	CORE DESCRIPTION
	VERT.	HORIZ.								
047	20 ⁰¹⁵		0	04	00	12	662	00		
48	20 ⁰¹⁵		0	04	00	12	662	00		
49	20 ⁰¹⁵		0	05	00	12	545	00		
50	20 ⁰¹⁵		0	01	00	09	882	00		
51	20 ⁰¹⁵		0	01	00	04	750	00		
52	20 ⁰¹⁵		0	01	00	03	662	00		
53	20 ⁰¹⁵		0	01	00	04	750	00		
54	20 ⁰¹⁵		0	01	00	03	662	00		
55	20 ⁰¹⁵		0	02	00	04	500	00		
56	20 ⁰¹⁵		0	01	00	04	750	00		
57	20 ⁰¹⁵		0	02	00	02	782	00		
58	20 ⁰¹⁵		0	03	00	05	400	00		
59	20 ⁰¹⁵		0	02	00	04	500	00		
60	20 ⁰¹⁵		0	01	00	03	662	00		
61	20 ⁰¹⁵		0	01	00	03	662	00		
62	20 ⁰¹⁵		0	01	00	02	530	00		
63	20 ⁰¹⁵		0	01	00	02	500	00		
64	20 ⁰¹⁵		0	02	00	03	333	00		
65	20 ⁰¹⁵		0	01	00	02	500	00		
66	20 ⁰¹⁵		0	01	00	02	500	00		
67	20 ⁰¹⁵		0	01	00	02	500	00		
68	20 ⁰¹⁵		0	03	00	02	583	00		
69	20 ⁰¹⁵		0	02	00	05	600	00		
70	20 ⁰¹⁵		0	01	00	02	500	00		

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WELL Clas. H. Bourn #1 COUNTY Hardy STATE W. Va.

COMPANY Exxon Co. U.S.A. DATE 4-25-80

FIELD W/C TYPE CORES 4" Dia. Conv. ANALYST Thorp

Core #2 Page #2

ANALYSIS DATA AND INTERPRETATIONS

DEPTH	PERMEABILITY MILLIDARCY		CORE GAS UNITS	GAS BY VOLUME %	OIL BY VOLUME %	POROSITY %	SATURATION WATER % PORE SPACE	SATURATION OIL % PORE SPACE	PROB. PROD.	CORE DESCRIPTION
	VERT.	HORIZ.								
1471	0.015		0	0.1	0.0	0.3	66.2	0.0		
72	0.015		0	0.1	0.0	0.3	66.2	0.0		
73	0.015		0	0.4	0.0	0.2	42.2	0.0		
74	0.015		0	0.1	0.0	0.4	75.0	0.0		
75	0.015		0	0.2	0.0	0.5	60.0	0.0		
76	0.015		0	0.2	0.0	0.5	60.0	0.0		
77	0.015		0	0.2	0.0	0.5	60.0	0.0		
78	0.015		0	0.2	0.0	0.2	59.2	0.0		
79	0.015		0	0.4	0.0	0.3	66.2	0.0		
80	0.015		0	0.4	0.0	0.4	75.0	0.0		
80	0.015		0	0.3	0.0	0.6	50.0	0.0		
82	0.015		0	0.5	0.0	0.8	37.5	0.0		
83	0.015		0	0.2	0.0	0.2	70.5	0.0		
84	0.015		0	0.1	0.0	0.4	75.0	0.0		
85	0.015		0	0.2	0.0	0.5	60.0	0.0		
86	0.015		0	0.4	0.0	0.4	75.0	0.0		
87	0.015		0	0.4	0.0	0.4	75.0	0.0		
88	0.015		0	0.2	0.0	0.5	60.0	0.0		
89	0.015		0	0.2	0.0	0.5	60.0	0.0		
90	0.015		0	0.4	0.0	0.5	81.0	0.0		
91	0.015		0	0.1	0.0	0.2	50.0	0.0		
92	0.015		0	0.2	0.0	0.4	50.0	0.0		
93	0.015		0	0.1	0.0	0.2	50.0	0.0		
94	0.015		0	0.1	0.0	0.4	75.0	0.0		
95	0.015		0	0.4	0.0	0.4	75.0	0.0		

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WELL Chas H. Bourn #1 COUNTY Hardy STATE W. Va.
COMPANY EXXON Co. U.S.A. DATE 4-25-80
FIELD W/C TYPE CORES 4" Dia. Cond. ANALYST Thorp
Core #2 PAGE # 3

ANALYSIS DATA AND INTERPRETATIONS

DEPTH	PERMEABILITY MILLIDARCY		CONG. GAS UNITS	GAS BY VOLUME %	OIL BY VOLUME %	POROSITY %	SATURATION WATER % PORE SPACE	SATURATION OIL % PORE SPACE	PROD. PROD.	CORE DESCRIPTION
	VERT.	HORZ.								
96	0	0.15	0	0.2	0.0	0.4	50.0	0.0		
97	0	0.15	0	0.2	0.0	1.6	87.5	0.0		
98	0	0.15	0	0.3	0.0	0.9	66.2	0.0		
99	0	0.15	0	0.3	0.4	0.8	37.5	0.0		
100	0	0.15	0	0.2	0.0	0.5	60.0	0.0		
100 1/2	A	N.T.	0	2.3	0.0	3.1	27.4	0.0		
100 2/3	B	N.T.	0	2.2	0.0	7.4	163.2	0.0		
101	0	0.15	0	1.1	0.0	1.2	34.4	0.0		
102	0	0.15	0	0.3	0.0	0.6	50.4	0.0		
103	0	0.15	0	0.4	0.0	0.7	40.8	0.0		
104	0	0.15	0	0.5	0.0	0.8	35.5	0.0		
105	0	0.15	0	0.4	0.0	0.7	42.2	0.0		
106	0	0.15	0	0.5	0.0	1.6	70.0	0.0		
107	0	0.15	0	0.6	0.0	1.2	50.0	0.0		

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