JOHNNIE L. THORP

4703501366

Phone 729-0600
AC 713

ALL POINTS INC.

9902 Cliffwood Drive
HOUSTON, TEXAS 77035

WELL W. W. MC Coy COUNTY Jackson STATE W. Va.

COMPANY EXXON Co. USA DATE 3-30-75 FILE No.

FIELD W/C TYPE CORES Dia Conv ANALYST Thorp

ANALYSIS DATA AND INTERPRETATIONS

DEPTH	PERMEABILITY MILLIDARCYS	COMB. GAS UNITS	POROSITY %	GAS % BY VOLUME	SATURATION WATER % PORE SPACE	SATURATION OIL % PORE SPACE	PROB. PROD.	CORE DESCRIPTION
Core # 1		9235' – 9325				Cored 60' Rec 61'		
9235/36	<0.05	0	0.14	0.08	42.2	0.0	None	Lime Hd. Dense xtaline. Gray-Dark [illegible]
40/41	<0.05	0	0.6	0.11	83.5	0.0	"	Lime Hd. Dense xtaline Calcitic [illegible]
45/46	<0.05	0	0.15	0.07	53.3	0.0	"	Lime Hd. Dense micro xtaline gray [illegible]
54/57	<0.05	0	0.06	0.15	33.5	0.0	"	As above
55/56	<0.05	0	0.7	0.2	71.8	0.0	"	" "
60/61	<0.05	0	0.41	0.3	26.9	0.0	"	" "
67/68	<0.05	0	1.0	0.26	75.0	0.0	"	" " Shy.
71/72	<0.05	0	0.45	0.13	71.0	0.0	"	Lime Hd. Dense xtaline [illegible]
73/74	<0.05	0	2.5	1.6	36.0	0.0	"	As above [illegible] xtaline
80/81	<0.05	0	0.23	0.2	39.3	0.0	"	Lime Hd. Dense micro xtaline [illegible]
85/86	<0.05	0	0.39	0.2	48.2	0.0	"	Lime Hd. Dense micro xtaline [illegible]
92/93	<0.05	0	0.13	0.1	23.1	0.0	"	As above Calcitic
97/98	<0.05	0	0.16	0.15	18.8	0.0	"	" " "
9303/04	<0.05	0	0.[illegible]5	0.16	54.3	0.0	"	" " "
07/08	<0.05	0	0.13	0.1	23.0	0.0	"	" " "
12/13	<0.05	0	0.9	0.1	89.0	0.0	"	Lime Hd. dense [illegible] micro xtaline v shy [illegible]
17/18	<0.05	0	0.9	0.3	66.2	0.0	"	As above
22/23	<0.05	0	1.6	0.1	93.6	0.0	"	" "

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JOHNNIE L. THORP

ALL POINTS INC.

9902 Cliffwood Drive
HOUSTON, TEXAS 77035

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WELL W. W. McCoy #1 COUNTY Jackson STATE W. Va.

COMPANY EXXON Co. USA DATE 4-20-75 FILE No.

FIELD w/c TYPE CORES Dia Conv. ANALYST Thorp

ANALYSIS DATA AND INTERPRETATIONS

DEPTH	PERMEABILITY MILLIDARCYS	CONR. GAS UNITS	POROSITY %	GAS % BY VOLUME	SATURATION WATER % PORE SPACE	SATURATION OIL % PORE SPACE	PROB. PROD.	CORE DESCRIPTION
Core # 2	13978-14006	Cored 28'	Rec. 22½'					
13978/79	<.05	0	2.1	0.8	61.8	0.0	None	Sd. Dol. Dense vfx. Fossiliferous ...
79/80	<.05	0	2.5	0.7	72.0	0.0	"	As above
80/81	<.05	0	2.2	1.3	40.9	0.0	"	" " v. shy.
81/82	<.05	0	1.2	0.6	50.0	0.0	"	Shale & Dol. Sd. ...
82/83	<.05	0	1.9	0.6	68.5	0.0	"	Sd. Dol. v.fx. Dol. vis... Dark grey
83/84	<.05	0	2.2	0.5	77.3	0.0	"	As above
84/85	<.05	0	2.0	0.9	55.0	0.0	"	" "
85/86	<.05	0	3.5	0.5	85.6	0.0	"	Shale Dol. Dense ...
86/87	<.05	0	1.6	0.7	56.2	0.0	"	Sd. Dol. ... grey - Dark grey
87/88	<.05	0	0.5	0.1	80.0	0.0	"	Dol. ... Dense ... Sl. shy. ...
88/89	<.05	0	0.9	0.5	44.4	0.0	"	As above
89/90	<.05	0	1.1	0.7	36.4	0.0	"	" "
90/91	<.05	0	1.2	0.8	33.3	0.0	"	Dol. Hd. Dense ... Shy. grey - Dark grey
91/92	<.05	0	1.6	1.4	12.5	0.0	"	As above ...
92/93	<.05	0	1.4	1.2	14.3	0.0	"	" " " "
93/94	<.05	0	0.7	0.4	42.9	0.0	"	" " " "
94/95	<.05	0	1.7	1.1	35.3	0.0	"	" " " " "
95/96	<.05	0	1.3	1.0	23.1	0.0	"	" " " " "
96/97	<.05	0	1.7	1.5	11.8	0.0	"	" Calcite veins.
97/98	<.05	0	1.6	1.4	12.5	0.0	"	Dol. Hd. Dense v.fx. Sh. ...
98/99	<.05	0	1.6	1.1	31.4	0.0	"	Dol. Hd. Dense ... grey ...
13999/14000	<.05	0	1.7	1.1	35.4	0.0	"	As above
14000/06	Assumed Core Lost Here							

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All Points, Inc.
Johnnie L. Thorp, President
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Houston, Texas 77035
779-0600 · Area Code 713

SPECIALIZING IN CORE ANALYSIS · ON-OFF LOCATION · OFFSHORE

sht 2

WELL W. W. McCoy #1 COUNTY Jackson STATE W. Va.

COMPANY Exxon Co. U.S.A. DATE 4-24-75

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

ANALYSIS DATA AND INTERPRETATIONS

DEPTH	PERMEABILITY MILLIDARCYS VERT.	PERMEABILITY MILLIDARCYS HORIZ.	COMB. GAS UNITS	GAS BY VOLUME %	OIL BY VOLUME %	POROSITY %	SATURATION WATER % PORE SPACE	SATURATION OIL % PORE SPACE	PROB. PROD.	CORE DESCRIPTION
Core # 3 14061 - 14063' Core 2', Rec 1½'										
14061-62		<.05	6	1.2	0.0	3.0	60.0	0.0	None	Sd, Hd, Dense, Lt grey-White, [illegible] w/ red, Hd. shale Lam.
62/62½		<.05	0	0.6	0.0	1.9	68.5	0.0	"	As Above

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SPECIALIZING IN CORE ANALYSIS · ON-OFF LOCATION · OFFSHORE

WELL W. W. McCoy #1 st #2 COUNTY Jackson STATE W. Va.

COMPANY Exxon Co U.S.A. DATE 4-27-75 4-28-75

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

Core # 4 14065 - 14158' Cored 93' Rec 88'

ANALYSIS DATA AND INTERPRETATIONS

DEPTH	PERMEABILITY MILLIDARCYS VERT.	PERMEABILITY MILLIDARCYS HORIZ.	COMB. GAS UNITS	GAS BY VOLUME %	OIL BY VOLUME %	POROSITY %	SATURATION WATER % PORE SPACE	SATURATION OIL % PORE SPACE	PROB. PROD.	CORE DESCRIPTION
14065/66		<0.05	0	1.0	0.0	1.5	33.5	0.0	None	Hd. Dense Sd. [illegible] Lt gray [illegible]
70/71		<0.05	0	0.1	0.0	0.3	66.7	0.0	"	Dol. Hd. Dense [illegible] Dk gray [illegible]
76/77		<0.05	2	0.6	0.0	1.3	57.2	0.0	"	Sd. Hd. Dense [illegible] xtaline Lt gray [illegible]
81/82		<0.05	0	0.9	0.0	1.5	40.0	0.0	"	Dol. Hd. Dense [illegible]
84/85		<0.05	0	2.2	0.0	3.0	26.6	0.0	"	Sd. - Dol. Hd. [illegible] Lt gray [illegible]
86/87		<0.05	0	3.3	0.0	4.3	23.2	0.0	"	As Above
88/89		<0.05	0	2.0	0.0	2.8	28.7	0.0	"	" "
91/92		<0.05	0	1.4	0.0	2.1	33.3	0.0	"	" "
97/98		<0.05	0	1.1	0.0	1.9	42.5	0.0	"	Dol. Hd. Dense Sdy. xtal [illegible] gray No odor [illegible]
98/99		<0.05	0	2.2	0.0	2.4	8.4	0.0	"	As Above
14099/14100		<0.05	4	4.25	0.0	5.7	16.7	0.0	"	Sd. Hd. Dense v. [illegible] Lt gray No odor [illegible]
14100/01		<0.05	0	3.5	0.0	4.0	12.5	0.0	"	As Above
01/02		<0.05	4	4.4	0.0	4.9	10.6	0.0	"	" "
02/03		0.057	0	4.4	0.0	4.7	6.4	0.0	Lt Gas	" "
03/04		<0.05	2	4.0	0.0	4.3	7.0	0.0	"	" "
04/05		<0.05	0	5.0	0.0	5.5	9.1	0.0	"	" "
05/06		<0.05	0	4.4	0.0	5.3	15.4	0.0	"	"
07/08		<0.05	0	4.7	0.0	5.5	14.6	0.0	"	" "
09/10		<0.05	0	3.0	0.0	3.8	21.0	0.0	"	" "
14/15		<0.05	0	0.9	0.0	1.5	40.0	0.0	"	Dol. Hd. Dense [illegible] xtaline Black No [illegible]
19/20		<0.05	0	1.8	0.0	2.2	18.2	0.0	"	As above v. [illegible]
24/25		<0.05	0	1.2	0.0	1.5	20.0	0.0	"	Dol. Hd. Dense [illegible] xtaline Shy. Black
29/30		<0.05	0	1.3	0.0	1.4	3.6	0.0	"	Lime Hd. Dense [illegible] Shy. Black No [illegible]
34/35		<0.05	0	1.0	0.0	1.1	9.1	0.0	"	As above
38/40		<0.05	0	0.1	0.0	0.4	75.0	0.0	"	" "
44/45		<0.05	0	0.9	0.0	1.9	52.5	0.0	"	Dol. Hd. Dense v. [illegible] Shy. Lam. Black
49/50		<0.05	0	0.5	0.0	2.0	75.0	0.0	"	As above
~~52/53~~		~~<0.05~~	~~4~~	~~0.2~~	~~0.0~~	~~1.5~~	~~80.0~~	~~0.0~~	"	~~Dol. Hd. Dense [illegible]~~

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CL-690

CORE LABORATORIES, INC.

14,350'-14,410'

PRELIMINARY CORE ANALYSIS

COMPANY EXXON COMPANY, U.S.A. DATE 6-17-75 FILE NO 2103-561

WELL UNK FIELD UNK COUNTY UNK STATE UNK

CORES DIAMOND DRILLING FLUID

SAMPLE NO.	CORE NO.	PERMEABILITY MILLIDARCYS	POROSITY %	OIL % PORE	TOTAL WATER % PORE	PROBABLE PRODUCTION	OIL % VOL	GAS % VOL	FORMATION DESCRIPTION		FRAC	FLUOR
1	14350-51 09-01	<0.1	2.0	0.0	60.0	6	0.0	0.8	DOLOMITE	BRN	No	No
2	02-03	<0.1	1.6	0.0	56.5	6	0.0	0.7	DOLOMITE	✓	✓	✓
3	04-05	<0.1	2.0	0.0	65.1	6	0.0	0.7	LIMESTONE	Gy	✓	✓
4	06-07	<0.1	[illegible]	0.0	90.4	6	0.0	0.4	LIMESTONE	✓	✓	✓
5	08-09	<0.1	1.6	0.0	68.9	6	0.0	0.5	DOLOMITE	Gy	✓	✓
6	10-11	<0.1	1.9	0.0	84.1	6	0.0	0.3	DOLOMITE	✓	ND	ND
7	12-13	<0.1	2.6	0.0	73.2	6	0.0	0.7	LIMESTONE	Gy	✓	✓
8	14-15	<0.1	1.8	0.0	89.1	6	0.0	0.2	LIMESTONE	✓	✓	✓
9	16-17	<0.1	1.9	0.0	84.4	6	0.0	0.3	LIMESTONE	✓	✓	✓
10	18-19	<0.1	1.9	0.0	73.9	6	0.0	0.5	LIMESTONE	✓	✓	✓
11	20-21	<0.1	2.1	0.0	76.3	6	0.0	0.5	LIMESTONE	Gy	ND	ND
12	22-23	<0.1	1.7	0.0	65.0	6	0.0	0.6	LIMESTONE	✓	✓	✓
13	24-25	<0.1	1.9	0.0	68.4	6	0.0	0.6	LIMESTONE	✓	✓	✓
14	26-27	<0.1	1.9	0.0	83.3	6	0.0	0.3	LIMESTONE	✓	✓	✓
15	28-29	<0.1	2.2	0.0	72.9	6	0.0	0.6	LIMESTONE	Gy	✓	✓
16	30-31	<0.1	[illegible]	0.0	92.4	6	0.0	0.3	LIMESTONE	✓	ND	ND
17	32-33	<0.1	2.7	0.0	70.5	6	0.0	0.8	LIMESTONE	✓	✓	✓
18	34-35	<0.1	2.3	0.0	69.6	6	0.0	0.7	LIMESTONE	✓	✓	✓
19	36-37	<0.1	3.1	0.0	67.9	6	0.0	1.0	LIMESTONE	Gy	✓	✓
20	38-39	<0.1	2.7	0.0	59.3	6	0.0	1.1	LIMESTONE	✓	✓	✓
21	40-41	<0.1	2.5	0.0	84.0	6	0.0	0.4	LIMESTONE	✓	ND	ND
22	42-43	<0.1	1.8	0.0	72.4	6	0.0	0.5	LIMESTONE	✓	✓	✓
23	44-45	<0.1	2.9	0.0	65.6	6	0.0	1.0	LIMESTONE	Gy	✓	✓
24	46-47	<0.1	[illegible]	0.0	71.2	6	0.0	1.5	LIMESTONE	✓	✓	✓
25	48-49	<0.1	3.0	0.0	63.4	6	0.0	1.1	LIMESTONE	✓	✓	✓

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(1) ALTERED CORE
(2) EXPOSED CORE
(3) INSUFFICIENT SAMPLE
(4) CORE CONTAMINATED BY DRILLING FLUID
(5) REFER TO ATTACHED LETTER
(6) LOW PERMEABILITY

This Is A Preliminary Copy of Data Submitted Upon Request and Is Not A Final Report

CL-690

CORE LABORATORIES, INC.

PRELIMINARY CORE ANALYSIS

COMPANY EXXON COMPANY, U.S.A. DATE 6-17-75 FILE NO 2103-561

WELL UNK FIELD UNK COUNTY UNK STATE UNK

CORES DIAMOND DRILLING FLUID -

SAMP. NO.	CORE NO.	PERMEABILITY MILLIDARCYS	POROSITY %	OIL % PORE	TOTAL WATER % PORE	PROBABLE PRODUCTION	OIL % VOL	GAS % VOL		FORMATION DESCRIPTION		DOLO	FLUOR CERS
26	50-51	<0.1	3.6	0.0	75.1	6	0.0	0.9		LIMESTONE DK-GY		No	No
27	52-53	<0.1	2.1	0.0	66.8	6	0.0	0.7		LIMESTONE DK-GY		✓	✓
28	54-55	<0.1	2.7	0.0	40.8	6	0.0	1.6		LIMESTONE DK-GY		✓	✓
29	56-57	<0.1	2.2	0.0	72.8	6	0.0	0.6		LIMESTONE DK-GY		No	No
30	58-59	<0.1	3.8	0.0	78.8	6	0.0	0.8		LIMESTONE DK-GY		✓	✓

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(1) ALTERED CORE
(2) EXPOSED CORE
(3) INSUFFICIENT SAMPLE
(4) CORE CONTAMINATED BY DRILLING FLUID
(5) REFER TO ATTACHED LETTER
(6) LOW PERMEABILITY

This Is A Preliminary Copy of Data Submitted Upon Request and Is Not A Final Report

All Points, Inc.
Johnnie L. Thorp, President
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Houston, Texas 77035
729-0600 • Area Code 713

Specializing in Core Analysis • On-Off Location Offshore

Core #6

WELL W. W. McCoy #1 side Tr. #2 COUNTY Jackson STATE W. Va.

COMPANY EXXON Co. U.S.A. DATE

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

CORE #6 15508-569 Rec. 59½'

ANALYSIS DATA AND INTERPRETATIONS

DEPTH	PERMEABILITY MILLIDARCYS VERT.	PERMEABILITY MILLIDARCYS HORIZ.	COMB. GAS UNITS	GAS BY VOLUME %	OIL BY VOLUME %	POROSITY %	SATURATION WATER % PORE SPACE	SATURATION OIL % PORE SPACE	PROB. PROD.	CORE DESCRIPTION
15508/09		<0.05	0	0.8	0.0	4.5	82.2	0.0	None	siltstone ltl. dense xtln. shy w/ shale Lams & [illegible]
15512/13		<0.05	0	1.7	0.0	4.6	63.0	0.0	"	As above
15518/19		<0.05	0	0.1	0.0	6.0	98.5	0.0	"	Shale silty w/ occ. silts [illegible] & [illegible] siltstone
23/24		<0.05	0	0.1	0.0	5.2	98.0	0.0	"	As above
28/29		<0.05	0	0.1	0.0	0.6	83.5	0.0	"	Lime ltl. Dol. silty micro xtln & v. silty No Flu.
33/34		<0.05	0	0.6	0.0	5.9	90.0	0.0	"	Shale dol. silty Brittle [illegible] No Flu.
38/39		<0.05	0	0.5	0.0	2.7	81.6	0.0	"	Lime ltl. Dol. silty v. micro xtln & Lime stks [illegible]
43/44		<0.05	0	0.4	0.0	2.8	85.8	0.0	"	As above
48/49		<0.05	0	0.1	0.0	3.9	97.3	0.0	"	" "
53/54		<0.05	0	0.9	0.0	3.0	70.0	0.0	"	" "
58/59		<0.05	0	0.6	0.0	4.4	86.5	0.0	"	" "
63/64		<0.05	0	0.9	0.0	3.6	75.0	0.0	"	" "

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All Points, Inc.
Johnnie L. Tharp, President

9902 CLIFFWOOD DRIVE
HOUSTON, TEXAS 77035
729-0600 • AREA CODE 713

SPECIALIZING IN CORE ANALYSIS • ON-OFF LOCATION • OFFSHORE

S. TR #2

WELL W. W. McCoy #1 COUNTY Jackson STATE W. Va.

COMPANY Exxon Co. U.S.A. DATE 8-1-75

FIELD W/C TYPE CORES Dia. Conv. ANALYST Tharp

7

ANALYSIS DATA AND INTERPRETATIONS

DEPTH	PERMEABILITY MILLIDARCYS VERT.	PERMEABILITY MILLIDARCYS HORIZ.	COMB. GAS UNITS	GAS BY VOLUME %	OIL BY VOLUME %	POROSITY %	SATURATION WATER % PORE SPACE	SATURATION OIL % PORE SPACE	PROB. PROD.	CORE DESCRIPTION
Core #	7	1641' - 1662' cored								61 Rec 61'
1641/42		<0.05	10	1.3	0.0	3.5	63.0	0.0	None	Sd. Hd. f.g. Glauc. Brown-green xtaline v. calc. S
42/43		<0.05	10	1.0	0.0	3.2	68.8	0.0	"	As above
43/44		<0.05	6	0.4	0.0	3.1	87.0	0.0	"	Sd. Hd. f.g. xtaline v. c. v. shy. Lt grey - Black
44/47		<0.05	0	0.1	0.0	6.0	85.0	0.0	"	Shale Hd. Black thin sd L
47/48		<0.05	0	1.2	0.0	4.1	70.5	0.0	"	Sd. Hd. Shy xtaline gree
48/49		<0.05	0	1.2	0.0	3.3	63.5	0.0	"	As above
50/51		<0.05	0	1.2	0.0	3.8	63.5	0.0	"	" " w/shale strks
51/52		<0.05	0	1.5	0.0	3.0	50.0	0.0	"	Sd. Hd. V f.g. v. shy. Blac grey xtaline
58/59		<0.05	0	0.8	0.0	4.8	83.2	0.0	"	Shale Hd. Dense sdy.
60/61	-	—	0	0.4	0.0	4.7	91.3	0.0	None	As Above
61/62	—	—	0	-	-	—	—	—	—	
62/63		<0.05	0	0.3	0.0	6.9	95.8	0.0	None	Shale Hd. Brittle Blac w/ v. thin sd. Lam.
67/68		<0.05	0	0.5	0.0	4.0	87.5	0.0	"	As above
72/73		<0.05	0	0.3	0.0	3.0	90.0	0.0	"	Sd. Hd. Dense f.g. xtalin green - Red shy.
73/74		<0.05	0	0.4	0.0	1.3	69.3	0.0	"	Sd. Hd. Dense f.g. grey-g
74/75		<0.05	0	0.5	0.0	3.1	83.5	0.0	"	As above
77/78		<0.05	0	1.1	0.0	4.2	73.8	0.0	"	" " w/strks shale
84/85		<0.05	0	0.9	0.0	7.1	87.2	0.0	"	Shale w/sd Lam.
89/90		<0.05	4	0.7	0.0	2.6	92.2	0.0	"	Sd. Hd. silty xtaline
92/93		<0.05	4	1.3	0.0	8.0	83.6	0.0	"	Shale Hd. Black sdy.
96/97		<0.05	2	1.0	0.0	7.2	86.0	0.0	"	As above
00/01		<0.05	2	1.4	0.0	7.7	81.2	0.0	"	" "

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