

API: 15-027-19032
Well: Clay 1
Operator: Kewanee Oil Co.

Location: T10S R3E, Sec. 27
NW NW NE

Completion Date: Jan-01-1959
Plugging Date: Jul-01-1959
Well Type: D&A
Total Depth: 3079
Elevation: 1286 GL

T 105 R 3E

Date 7-7-59 Well Clay #1 Sec. 27 Field Wild Cat State Kansas
Formation Test No. 1 Casing Test No. - Test Interval - Test Ticket No. 55239 L
Company Kewanee Oil Company Address Box 360; Holisington, Kansas
Tester Lee R. Bogart No. of DST Reports Requested 5
TOOL, HOLE & MUD DATA

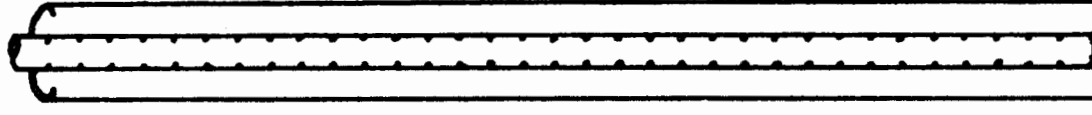
Type Test Conventional
Formation Tested - Elevation - Ft.
All Depths Measured From -

Amount

Amount

Amount

Tight Hole



Maximum Surface Pressure
Description (rate of flow)

Pressure
(P.S.I.G.)

Time

Surface
Choke

3:23 PM

4:02 PM

Opened Tool:

Opened tool to surface

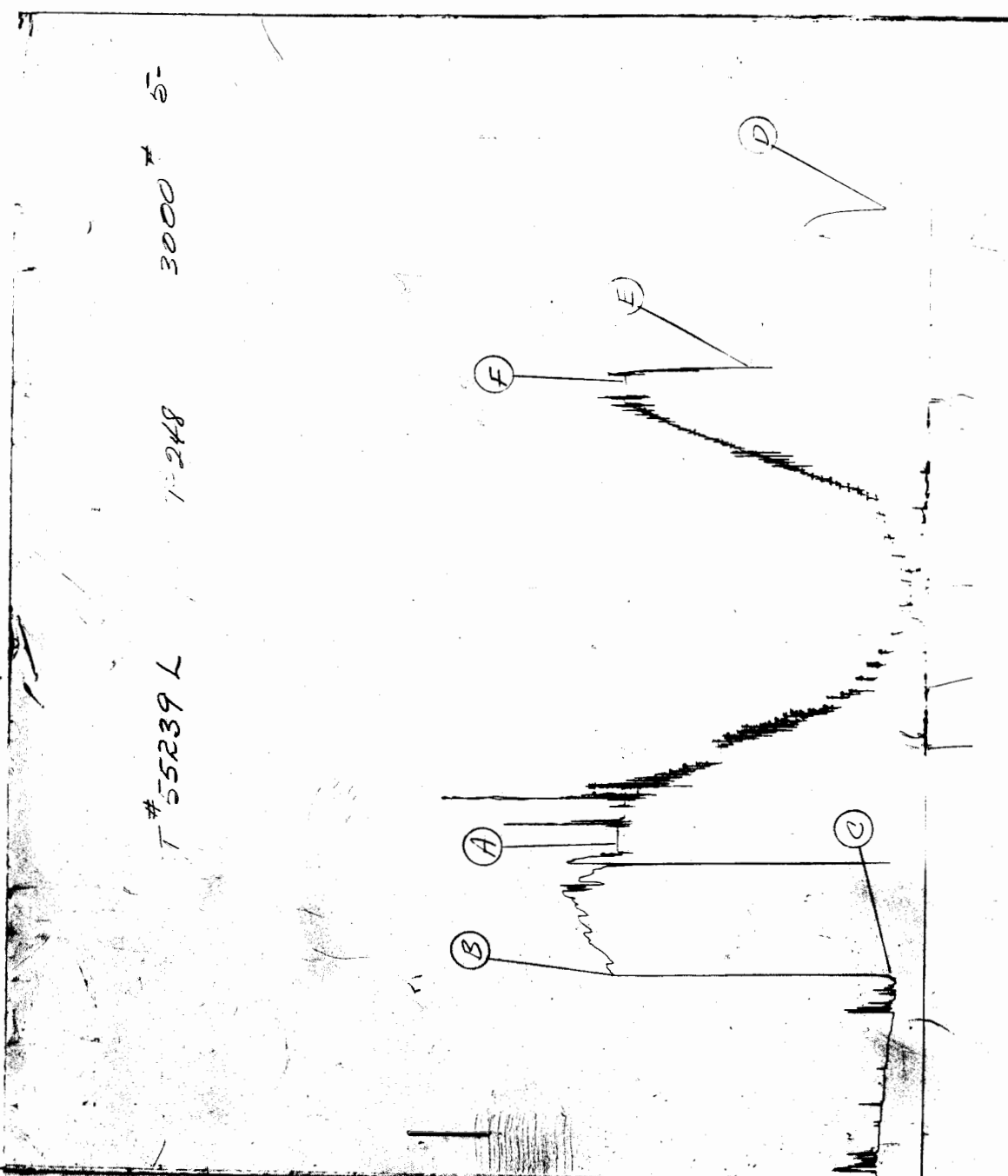
Remarks: Tight Hole

Total Depth Less than 4000 Ft.
Main Hole Size 7 7/8" Rat Hole Size -
Casing Size - Liner Size -
Bottom Choke Size 1 1/2" Mud Type Chemical
Mud Weight 10.0 Mud Viscosity 37

Cusmon Type	Amount	Pressure
TIME DATA		
Initial Shut-in	Hrs. 30	Mins.
Flow Period	Hrs.	Mins.
Final Shut-in	Hrs. 2	Mins.
PRESSURE READING (P.S.I.G.)		
Recorder No.		
Capacity (P.S.I.G.)		
Location		
A Initial Hyd. Mud.		
B Initial Shut-in		
C Initial Flow		
D Final Flow		
E Final Shut-in		
F Final Hyd. Mud.		
REMARKS		
Recorder No.		
Capacity (P.S.I.G.)		
Location		
A Initial Hyd. Mud.		
B Initial Shut-in		
C Initial Flow		
D Final Flow		
E Final Shut-in		
F Final Hyd. Mud.		
REMARKS		
Well Temperature	° F.	

TIME

PRESSURE



TON TESTERS, INC.
Pressure Data

Date 7-7-59 _____
 Recorder No. T-248 _____
 Clock No. 1112 _____ Clock Travel 0.22161 _____ inches per min.
 Capacity 3000# _____
 Location Tight Hole _____
 Test Ticket No. 55239 L _____
 Well Temperature _____ ° F.
 Read on 100° F. curve.

Point	Pressure	Time Given	Time Computed
1	100	100	100
2	100	100	100
3	100	100	100
4	100	100	100
5	100	100	100
6	100	100	100
7	100	100	100
8	100	100	100
9	100	100	100
10	100	100	100
11	100	100	100
12	100	100	100
13	100	100	100
14	100	100	100
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30	100	100	100
31	100	100	100
32	100	100	100
33	100	100	100
34	100	100	100
35	100	100	100
36	100	100	100
37	100	100	100
38	100	100	100
39	100	100	100
40	100	100	100
41	100	100	100
42	100	100	100
43	100	100	100
44	100	100	100
45	100	100	100
46	100	100	100
47	100	100	100
48	100	100	100
49	100	100	100
50	100	100	100
51	100	100	100
52	100	100	100
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61	100	100	100
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63	100	100	100
64	100	100	100
65	100	100	100
66	100	100	100
67	100	100	100
68	100	100	100
69	100	100	100
70	100	100	100
71	100	100	100
72	100	100	100
73	100	100	100
74	100	100	100
75	100	100	100
76	100	100	100
77	100	100	100
78	100	100	100
79	100	100	100
80	100	100	100
81	100	100	100
82	100	100	100
83	100	100	100
84	100	100	100
85	100	100	100
86	100	100	100
87	100	100	100
88	100	100	100
89	100	100	100
90	100	100	100
91	100	100	100
92	100	100	100
93	100	100	100
94	100	100	100
95	100	100	100
96	100	100	100
97	100		

3:33 F. M.	
Opened Tool	33 Mins.
Initial Shut-in	58 Mins.
Flow	44 Mins.
Final Shut-in	

The initial shut-in not broken down in increments of time due to being undetermined.

PRESSURE BREAKDOWN

FINAL SHUT-IN

Breakdown: 14 increments
of 3 mins. and a final
increment of 2 mins.

Point	Pressure
1	100
2	100
3	100
4	100
5	100
6	100
7	100
8	100
9	100
10	100
11	100
12	100
13	100
14	100
15	100
16	100
17	100
18	100
19	100
20	100
21	100
22	100
23	100
24	100
25	100
26	100
27	100
28	100
29	100
30	100
31	100
32	100
33	100
34	100
35	100
36	100
37	100
38	100
39	100
40	100
41	100
42	100
43	100
44	100
45	100
46	100
47	100
48	100
49	100
50	100
51	100
52	100
53	100
54	100
55	100
56	100
57	100
58	100
59	100
60	100
61	100
62	100
63	100
64	100
65	100
66	100
67	100
68	100
69	100
70	100
71	100
72	100
73	100
74	100
75	100
76	100
77	100
78	100
79	100
80	100
81	100
82	100
83	100
84	100
85	100
86	100
87	100
88	100
89	100
90	100
91	100
92	100
93	100
94	100
95	100
96	100
97	100
98	100
99	100
100	100

D-0	171
3	435
6	481
9	506
12	520
15	529
18	554
21	577
24	598
27	609
30	621
33	632
36	641
39	649
42	656
E	660

Breakdown: _____ increments
of _____ mins. and a final
increment of _____ mins.

Point	Minutes
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Breakdown: _____ increments
of _____ mins. and a final
increment of _____ mins.

Point	Minutes
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Date 7-8-59 Well Clay #1 Field Wild Cat County Gray State Kansas
 Formation Test No. 2 Casing Test No. - Test Interval Light Hole Test Ticket No. 55240
 Company Keweenaw Oil Company Address Box 300, Herington, Kansas
 Tester Lee R. Berger Test Approved By Pete Blonda No. of DST Reports Requested 5
 SURFACE INFORMATION
 TOOL, HOLE & MUD DATA

Well Flowed:	Amount	Type Test	Elevation	Ft.
-		Conventional	-	1258
		Formation Tested	-	
		All Depths Measured From	derrick floor,	

Right Hand

Blow

Maximum Surface Pressure	Time	Pressure	Surface
Description (rate of flow)			

Opened Tool:

DATE	TIME	CHOKES	CHOKES (P.S.I.G.)	CHOKES

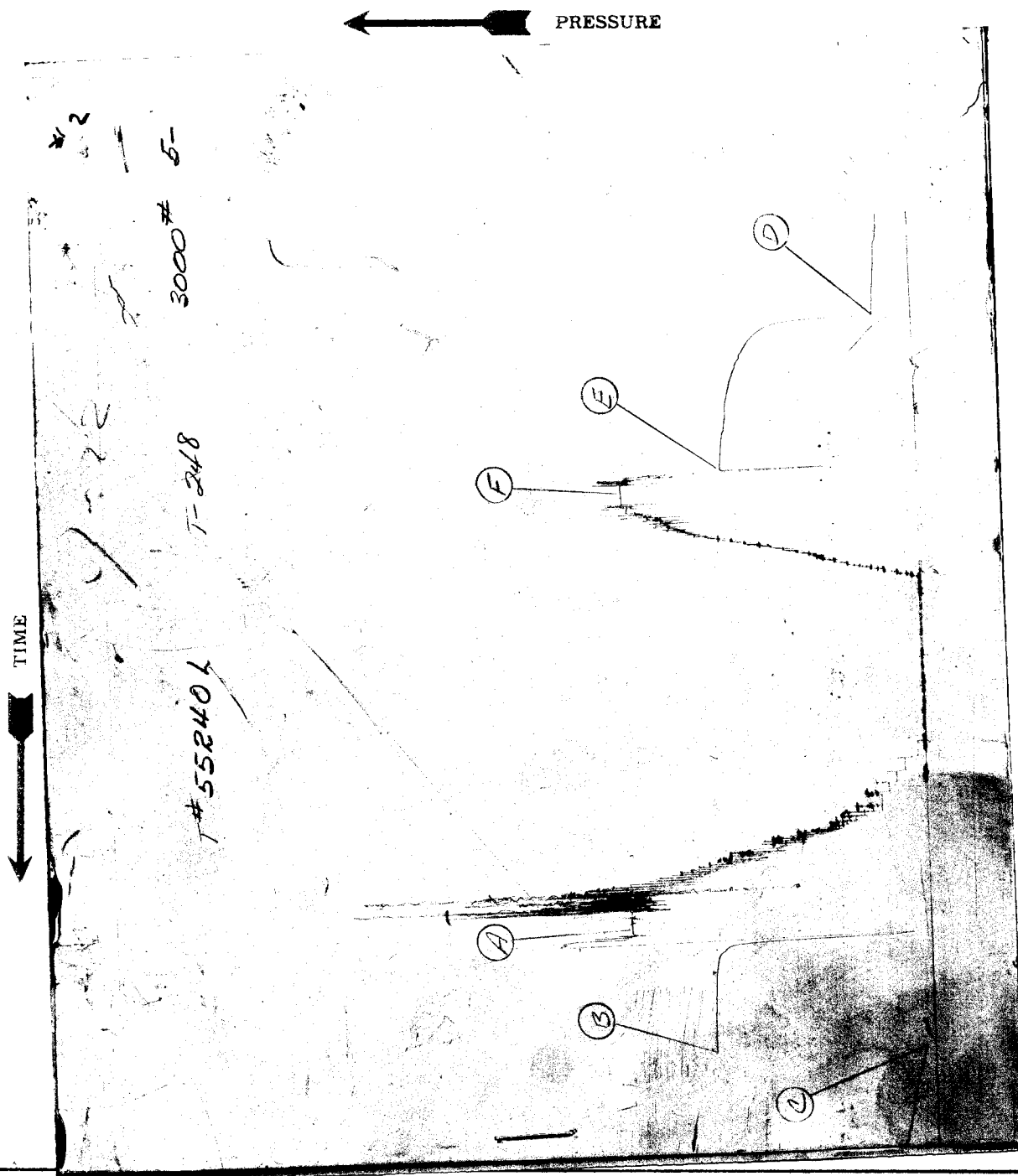
[illegible]

	Mud Type	<u>Mud Viscosity</u>
	Bottom Choke Size	<u>Mud Weight</u>

Remarks:

$\mathbb{R}^n$ is a real vector space of dimension n . Let V be a subspace of $\mathbb{R}^n$ of dimension k . Then V is isomorphic to $\mathbb{R}^k$. Let W be another subspace of $\mathbb{R}^n$ of dimension l . Then W is isomorphic to $\mathbb{R}^l$. The intersection $V \cap W$ is a subspace of both V and W . Its dimension is at most $\min(k, l)$. The union $V \cup W$ is a subspace of $\mathbb{R}^n$ if and only if $V \cap W$ is a subspace of $V \cup W$. In this case, the dimension of $V \cup W$ is $k + l - \dim(V \cap W)$.

Cushion Type	Amount	Pressure
TIME DATA		
Initial Shut-in	Hrs. 30	Mins.
Flow Period	Hrs.	Mins.
Final Shut-in	Hrs.	Mins.
PRESSURE READING (P.S.I.G.)		
Recorder No.		
Capacity (P.S.I.G.)		
Location		
A Initial Hyd. Mud		
B Initial Shut-in		
C Initial Flow		
D Final Flow		
E Final Shut-in		
F Final Hyd. Mud		
REMARKS		
Recorder No.		
Capacity (P.S.I.G.)		
Location		
A Initial Hyd. Mud		
B Initial Shut-in		
C Initial Flow		
D Final Flow		
E Final Shut-in		
F Final Hyd. Mud		
REMARKS		
Well Temperature _____ °F.		



JOHNSTON TESTERS, INC. Pressure Data

Date 7-8-59 Test Ticket No. 59240 L

Recorder No. T-248 Location Tight Hole

Clock No. 1112 Capacity 3000# inches per min. - °F. -

Clock Travel 0.02160 Well Temperature - Need on 100°F. curve.

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	1130	-	-
B Initial Shut-in	830	30 Mins.	33 Mins.
C Initial Flow	31	60 Mins.	59 Mins.
D Final Flow	145	43 Mins.	43 Mins.
E Final Shut-in	738		
F Final Hydrostatic Mud	1117		

Opened Tool Initial Shut-in Flow Final Shut-in

Remarks:

PRESSURE BREAKDOWN

INITIAL SHUT-IN			FINAL SHUT-IN			BREAKDOWN		
Breakdown: 11 increments of 3 mins. and a final increment of 1 mins.			Breakdown: 14 increments of 3 mins. and a final increment of 1 mins.			Breakdown: increments of mins. and a final increment of mins.		
Point	Minutes	Pressure	Point	Minutes	Pressure	Point	Minutes	Pressure
0	0	69	D-0	0	145			
3	3	773	3	3	559			
6	6	809	6	6	611			
9	9	817	9	9	635			
12	12	820	12	12	656			
15	15	823	15	15	675			
18	18	825	18	18	691			
21	21	826	21	21	699			
24	24	828	24	24	708			
27	27	828	27	27	712			
30	30	830	30	30	715			
33	33	830	33	33	724			
36	36		36	36	729			
39	39		39	39	734			
42	42		42	42	736			
E			E		738			

Cushion Type	Amount	Pressure
TIME PRESSURE		
Initial Shut-in Flow Period Hrs. <u>30</u> Mins. <u>00</u> Final Shut-in Hrs. <u>00</u> Mins. <u>42</u>		
PRESSURE READING (P.S.I.G.)		
Recorder No. _____		
Capacity (P.S.I.G.) _____		
Location _____		
A Initial Hyd. Mud. _____		
B Initial Shut-in _____		
C Initial Flow _____		
D Final Flow _____		
E Final Shut-in _____		
F Final Hyd. Mud _____		
REMARKS _____		
Well Temperature _____ °F.		

JOHNSTON TESTERS, INC.
Pressure Data

Date	7-8-59	Test Ticket No.	5241 L
Recorder No.	T-248	Location	Tight Hole
Clock No.	1112	Capacity	3000#
Clock Travel	0.02140	Well Temperature	- - °F.
		Read on 100°F. curve.	
Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	1142	9:22 P	M.
B Initial Shut-in	49	30	Mins.
C Initial Flow	16	60	Mins.
D Final Flow	24	45	Mins.
E Final Shut-in	797		
F Final Hydrostatic Mud	1136		

The initial shut-in not broken down in increments of time due to being undetermined.

PRESSURE BREAKDOWN

FINAL SHUT-IN

Breakdown: 15 increments
of 3 mins. and a final
increment of - mins.

Point	Minutes	Pressure
D-0		24
3		185
6		361
9		489
12		579
15		639
18		682
21		714
24		736
27		752
30		763
33		774
36		781
39		786
42		791
E		797

Breakdown: _____ increments
of _____ mins. and a final
increment of _____ mins.

Point	Pressure
1	100
2	100
3	100
4	100
5	100
6	100
7	100
8	100
9	100
10	100
11	100
12	100
13	100
14	100
15	100
16	100
17	100
18	100
19	100
20	100
21	100
22	100
23	100
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25	100
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31	100
32	100
33	100
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97	100
98	100
99	100
100	100

**Breakdown: _____ increments
of _____ mins. and a final
increment of _____ mins.**

Point	Pressure
1	100
2	100
3	100
4	100
5	100
6	100
7	100
8	100
9	100
10	100
11	100
12	100
13	100
14	100
15	100
16	100
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43	100
44	100
45	100
46	100
47	100
48	100
49	100
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