

15-165-00338

3-165-19w

Flow Time	1st 20	Min.	2nd 40	Min.	Date	11-24-63	Ticket Number	401102	S	Legal Location Sec. - Typ. - Rang. C SE NE 3 16 19	Lease Name SEELEYE
Closed In Press. Time	1st 20	Min.	2nd 40	Min.	Kind of Job	OPEN HOLE	Halliburton District	HAYS			
Pressure Readings	Field		Office Corrected		Tester	K. L. GROVES	Witness	J. T. SANDBERG			
Depth Top Gauge	3347	Ft.	No	Blanked Off	Drilling Contractor	MURFIN DRLG. CO.					
BT. P.R.D. No.	294		12	Hour Clock	Elevation	2047'	Top Packer	-			
Initial Hydro Mud Pressure			1879		Total Depth	3383'	Bottom Packer	3337'			
Initial Closed in Pres.			1147		Interval Tested	3337-3383'	Formation Tested	Kansas City			
Initial Flow Pres.		1	18		Casing or Hole Size	7 7/8"	Casing Perfs.	Top			
		2	59					Bot.			
Final Flow Pres.		1	48		Surface Choke	1/4"	Bottom Choke	1"			
Final Closed in Pres.			1153		Size & Kind Drill Pipe	4 1/2" FH	Drill Collars Above Tester	I.D. - LENGTH 2 7/16 Flex wt. 1000'			
Final Hydro Mud Pressure			1841		Mud Weight	10.3	Mud Viscosity	37			
Depth Cen. Gauge	3379	Ft.	Yes	Blanked Off	Temperature	95 °F Est.	Anchor Size & Length	ID 3.84 OD 5 X 46'			
BT. P.R.D. No.	374		12	Hour Clock	Depths Mea. From	KB	Depth of Tester Valve	3322'	Ft.		
Initial Hydro Mud Pres.	1917		1900		TYPE AMOUNT		Depth Back Pres. Valve		Ft.		
Initial Closed in Pres.	1167		1165		Cushion	none					
Initial Flow Pres.		1	41		Recovered	540	Feet of	with gas odor	Mea. From Tester Valve		
Final Flow Pres.		2	79		Recovered	120	Feet of	Oil cut watery mud			
Final Closed in Pres.		1	66		Recovered	60	Feet of	Slight oil cut muddy saltwater			
Final Hydro Mud Pres.	1880		1864		Oil A.P.I. Gravity		Water Spec. Gravity				
Depth Bot. Gauge		Ft.		Blanked Off	Gas Gravity		Surface Pressure		psi		
BT. P.R.D. No.				Hour Clock	Tool Opened	6:40 PM	A.M. P.M.	Tool Closed	8:40 PM	A.M. P.M.	
Initial Hydro Mud Pres.					Remarks Tool opened with a good blow for a 20 minute						
Initial Closed in Pres.					first flow. Rotated tool for a 20 minute initial						
Initial Flow Pres.		1			closed in pressure. Reopened tool for a 40 minute						
Final Flow Pres.		2			second flow. Took a 40 minute final closed in						
Final Closed in Pres.					pressure.						
Final Hydro Mud Pres.											

A-1
 Well No.
 1
 Test No.
 Wildcat
 County
 Rush
 State
 Kansas
 DONALD C. SLAWSON
 Lease Owner/Company Name
 WICHITA
 Owner's District

FORMATION TEST DATA

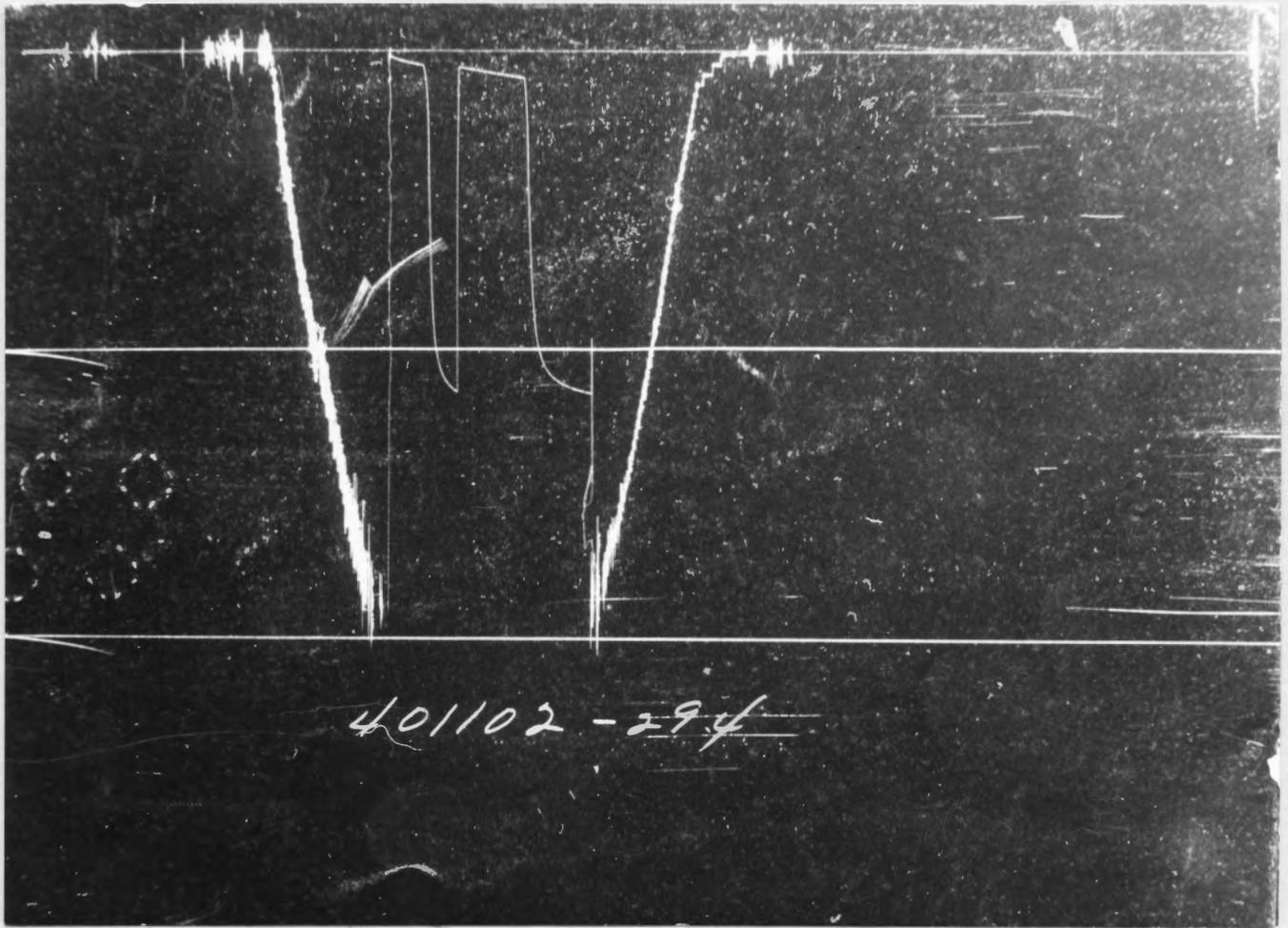
Gauge No.		294		Depth		3347'		Clock		12 hour		Ticket No.		401102	
First Flow Period			Initial Closed In Pressure			Second Flow Period			Final Closed In Pressure						
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.					
P ₀	.000	18	.000		48	.000	59	.000		89					
P ₁	.026	27	.0146		110	.065	63	.0278		602					
P ₂	.052	34	.0292		481	.130	72	.0556		952					
P ₃	.078	39	.0438		832	.195	81	.0834		1048					
P ₄	.104	43	.0584		991	.260	89	.1112		1088					
P ₅	.130	48	.0730		1055			.1390		1109					
P ₆			.0876		1090			.1668		1123					
P ₇			.1022		1113			.1946		1133					
P ₈			.1168		1128			.2224		1141					
P ₉			.1314		1140			.2502		1147					
P ₁₀			.1460		1147			.2780		1153					

Gauge No.		374		Depth		3379'		Clock		12 hour			
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.			
P ₀	.000	41	.000		66	.000	79	.000		108			
P ₁	.0262	47	.0152		145	.0653	82	.0287		568			
P ₂	.0524	54	.0304		534	.1306	91	.0574		945			
P ₃	.0786	58	.0456		861	.1959	100	.0861		1058			
P ₄	.1048	62	.0608		1010	.2610	108	.1148		1101			
P ₅	.1310	66	.0760		1074			.1435		1125			
P ₆			.0912		1110			.1722		1140			
P ₇			.1064		1130			.2009		1151			
P ₈			.1216		1146			.2296		1159			
P ₉			.1368		1157			.2583		1166			
P ₁₀			.1520		1165			.2870		1172			
Reading Interval		4				2		10		4		Minutes	

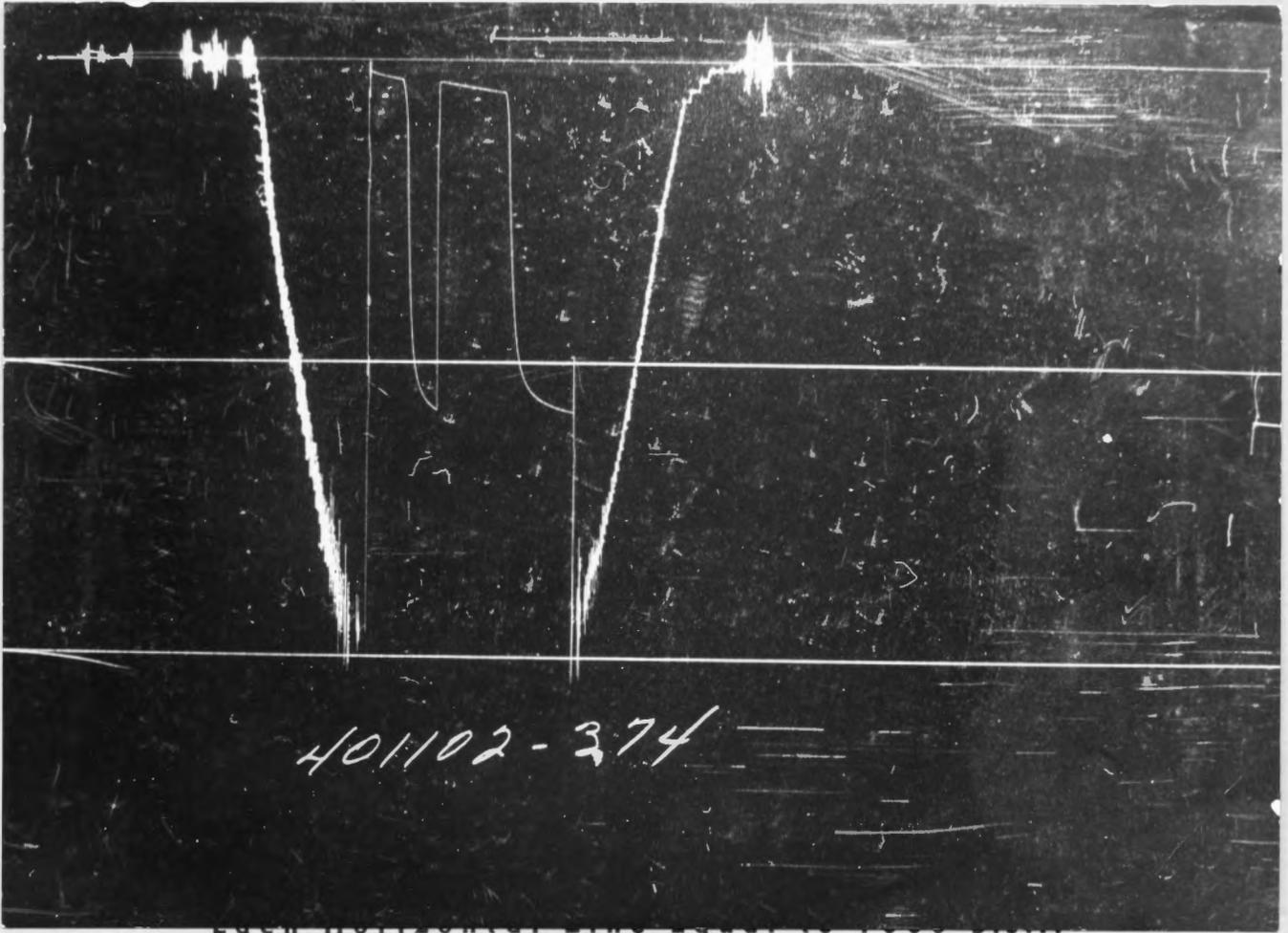
REMARKS:

SPECIAL PRESSURE DATA

PRESSURE



TIME



EACH HORIZONTAL LINE EQUALS 1000 PSI



Home Office: Great Bend, Kansas
P. O. Box 793 Gladstone 3-7903

Company Donald C. Slawson Lease & Well No. Seelye #A-1
Elevation 2047' K.B. Ticket Number 4333
Date 11-26-63 Sec. 3 Twp. 16S Range 19W County Bush State Kansas
Test Approved by Joseph T. Sandburg Western Representative Ernest Luckert

Formation Test No. 2 O.K. Misrun _____ Interval Tested From 3600' to 3616' Total Depth 3616'
Size Main Hole 7 7/8" Rat Hole _____ Conv. _____ B.T. Damaged _____ Yes No _____ Conv. B.T. _____ Damaged _____ Yes No _____
Packer Depth 3600 Ft. Size 6 3/4" Packer Depth 3595 Ft. Size 6 3/4"
Straddle _____ Yes _____ No Conv. _____ B.T. _____ Damaged _____ Yes _____ No _____
Packer Depth _____ Ft. Size _____
Tool Size 5 1/2" OD Tool Jt. Size 4 1/2" FH Anchor Length 16 Ft. Size 5 1/2" OD

RECORDERS Depth 3605 Ft. Clock No. 6897 Depth 3608 Ft. Clock No. 133
Top Make Amerada Cap. 3150# No. 1563 Inside _____ Outside _____ Bottom Make Western Cap. 4000# No. 58 Inside _____ Outside _____
Below Straddle: Depth _____ Clock No. _____ Inside _____ Outside _____
Top Make _____ Cap. _____ No. _____ Inside _____ Outside _____
Bottom Make _____ Cap. _____ No. _____ Inside _____ Outside _____

Time Set Packer 4:48 P M
Tool Open I.F.P. From 4:50P M. to 5:10P M. - Hr. 20 Min. From (B) 20 P.S.I. To (C) 20 P.S.I.
Tool Closed I.C.I.P. From 5:10P M. to 5:40P M. - Hr. 30 Min. (D) 565 P.S.I.
Tool Open F.F.P. From 5:40P M. to 6:20P M. - Hr. 40 Min. From (E) 29 P.S.I. To (F) 29 P.S.I.
Tool Closed F.C.I.P. From 6:20P M. to 7:00P M. - Hr. 40 Min. (G) 409 P.S.I.
Initial Hydrostatic Pressure (A) 2011 P.S.I. Final Hydrostatic Pressure (H) 2001 P.S.I.

SURFACE Size Choke 1/2 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____
INFORMATION _____ M. _____
_____ M. _____
_____ M. _____

BLOW leak for six mins. Bottom Choke Size 3/4 in.
Did Well Flow _____ Yes No _____ Recovery Total Ft. 10' oil cut mud with scum of oil

Reversed Out _____ Yes No _____ Mud Type Starch Viscosity 46 Weight 10.4 Maximum Temp. 111 °F
EXTRA EQUIPMENT: Dual Packers Yes Safety Joint No Jars: Size No Make _____ Ser. No. _____
Type Circ. Sub. Plug Did Tool Plug? No Where? _____ Did Packer Hold? Yes
Length Drill Pipe _____ ft. I.D. Drill Pipe _____ in. Length Weight Pipe _____ ft. I.D. Weight Pipe _____ in. Length Drill Collars _____ ft.
I. D. Drill Collars _____ in. Length D. S. T. Tool 25 ft.

Remarks _____

WESTERN TESTING CO., INC.
Pressure Data

Date 11-26-63 Test Ticket No. 4333
 Recorder No. 1563 Capacity 3150# Location 3605 Ft.
 Clock No. 6897 Elevation 2047' K.B. Well Temperature 111 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2011</u>	P.S.I.	<u>4:48 P</u>	<u>4:48 PM</u>
B First Initial Flow Pressure	<u>20</u>	P.S.I.	<u>20</u> Mins.	<u>23</u> Mins.
C First Final Flow Pressure	<u>20</u>	P.S.I.	<u>30</u> Mins.	<u>27</u> Mins.
D Initial Closed-in Pressure	<u>565</u>	P.S.I.	<u>40</u> Mins.	<u>44</u> Mins.
E Second Initial Flow Pressure	<u>29</u>	P.S.I.	<u>40</u> Mins.	<u>37</u> Mins.
F Second Final Flow Pressure	<u>29</u>	P.S.I.		
G Final Closed-in Pressure	<u>409</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2001</u>	P.S.I.		

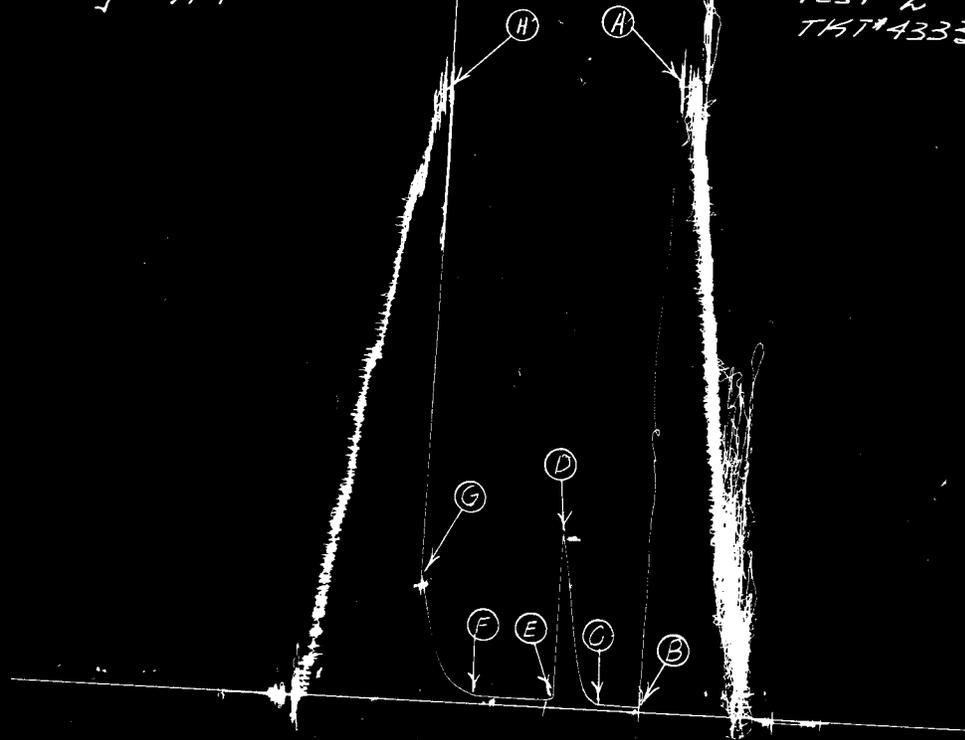
PRESSURE BREAKDOWN

First Flow Press.	Initial Shut-In	Second Flow Pressure	Final Shut-In
Breakdown: <u>4</u> Inc.	Breakdown: <u>9</u> Inc.	Breakdown: <u>8</u> Inc.	Breakdown: <u>12</u> Inc.
of <u>5</u> mins. and a	of <u>3</u> mins. and a	of <u>5</u> mins. and a	of <u>3</u> mins. and a
final inc. of <u>3</u> Min.	final inc. of <u>-</u> Min.	final inc. of <u>4</u> Min.	final inc. of <u>1</u> Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	<u>0</u>	<u>0</u>	<u>20</u>	<u>0</u>	<u>29</u>	<u>0</u>	<u>29</u>
P 2	<u>5</u>	<u>3</u>	<u>26</u>	<u>5</u>	<u>29</u>	<u>3</u>	<u>32</u>
P 3	<u>10</u>	<u>6</u>	<u>38</u>	<u>10</u>	<u>29</u>	<u>6</u>	<u>40</u>
P 4	<u>15</u>	<u>9</u>	<u>57</u>	<u>15</u>	<u>29</u>	<u>9</u>	<u>48</u>
P 5	<u>20</u>	<u>12</u>	<u>102</u>	<u>20</u>	<u>29</u>	<u>12</u>	<u>58</u>
P 6	<u>23</u>	<u>15</u>	<u>170</u>	<u>25</u>	<u>29</u>	<u>15</u>	<u>69</u>
P 7		<u>18</u>	<u>269</u>	<u>30</u>	<u>29</u>	<u>18</u>	<u>85</u>
P 8		<u>21</u>	<u>364</u>	<u>35</u>	<u>29</u>	<u>21</u>	<u>111</u>
P 9		<u>24</u>	<u>468</u>	<u>40</u>	<u>29</u>	<u>24</u>	<u>144</u>
P10		<u>27</u>	<u>565</u>	<u>44</u>	<u>29</u>	<u>27</u>	<u>192</u>
P11						<u>30</u>	<u>245</u>
P12						<u>33</u>	<u>319</u>
P13						<u>36</u>	<u>400</u>
P14						<u>37</u>	<u>409</u>
P15							
P16							
P17							
P18							
P19							
P20							

Donald Co. Slawson
Seelye #A-1

Test # 2
TKT # 4333



This is an actual photograph of recorder chart.

POINT

PRESSURE

(A) Initial Hydrostatic Mud	2011	PSI
(B) First Initial Flow Pressure	20	PSI
(C) First Final Flow Pressure	20	PSI
(D) Initial Closed-in Pressure	565	PSI
(E) Second Initial Flow Pressure	29	PSI
(F) Second Final Flow Pressure	29	PSI
(G) Final Closed-in Pressure	409	PSI
(H) Final Hydrostatic Mud	2001	PSI



Home Office: Great Bend, Kansas
P. O. Box 793 Gladstone 3-7903

Company Donald C. Slawson Lease & Well No. Seelye #A-1
Elevation 2026' K.B. Ticket Number 4334
Date 11-27-63 Sec. 3 Twp. 16S Range 19W County Rush State Kansas
Test Approved by Joseph T. Sandburg Western Representative Ernest Luckert

Formation Test No. 3 O.K. Misrun _____ Interval Tested From 3600' to 3622' Total Depth 3622'
Size Main Hole 7 7/8" Rat Hole _____ Conv. _____ B.T. Damaged Yes No Conv. B.T. _____ Damaged Yes No
Packer Depth 3600 Ft. Size 6 3/4" Packer Depth 3595 Ft. Size 6 3/4"

Straddle Yes _____ No Conv. _____ B.T. _____ Damaged Yes _____ No
Packer Depth _____ Ft. Size _____
Tool Size 5 1/2" OD Tool Jt. Size 4 1/2" FH Anchor Length 22 Ft. Size 5 1/2" OD

RECORDERS Depth 3605 Ft. Clock No. 6807 Depth 3608 Ft. Clock No. 133
Top Make Amrad Cap. 3150# No. 1563 Inside Outside Bottom Make Western Cap. 4000# No. 58 Inside Outside
Below Straddle: Depth _____ Clock No. _____ Inside _____ Outside _____
Top Make _____ Cap. _____ No. _____ Inside _____ Outside _____
Bottom Make _____ Cap. _____ No. _____ Inside _____ Outside _____

Time Set Packer 3113A M
Tool Open I.F.P. From 3:15A M to 3:35A M - Hr. 20 Min. From (B) 540 P.S.I. To (C) 1058 P.S.I.
Tool Closed I.C.I.P. From 3:35A M. to 4:00A M. - Hr. 35 Min. (D) 1116 P.S.I.
Tool Open F.F.P. From 4:10A M. to 4:40A M. - Hr. 30 Min. From (E) 1090 P.S.I. To (F) 1116 P.S.I.
Tool Closed F.C.I.P. From 4:40A M. to 5:20A M. - Hr. 40 Min. (G) 1116 P.S.I.
Initial Hydrostatic Pressure (A) 2013 P.S.I. Final Hydrostatic Pressure (H) 2004 P.S.I.

SURFACE Size Choke 1/2 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____
INFORMATION _____ M. _____
_____ M. _____
_____ M. _____

BLOW Very strong - diminishing to no blow in 40 mins. Bottom Choke Size 3/4 in.
Did Well Flow Yes No _____ Recovery Total Ft. 2350' Muddy black sulphur water

Reversed Out Yes _____ No _____ Mud Type Starch Viscosity 46 Weight 10.4 Maximum Temp. 117 °F
EXTRA EQUIPMENT: Dual Packers Yes Safety Joint No Jars: Size No Make _____ Ser. No. _____
Type Circ. Sub. Plug Did Tool Plug? No Where? _____ Did Packer Hold? Yes
Length Drill Pipe _____ ft. I.D. Drill Pipe _____ in. Length Weight Pipe _____ ft. I.D. Weight Pipe _____ in. Length Drill Collars _____ ft.
I. D. Drill Collars _____ in. Length D. S. T. Tool 41 ft.

Remarks _____

WESTERN TESTING CO., INC.
Pressure Data

Date 11-27-63 Test Ticket No. 4334
 Recorder No. 1563 Capacity 3150# Location 3605 Ft.
 Clock No. 6897 Elevation 2026' K.B. Well Temperature 117 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2013</u>	P.S.I.	<u>3:13 A</u>	<u>3:13 AM</u>
B First Initial Flow Pressure	<u>540</u>	P.S.I.	<u>20</u> Mins.	<u>22</u> Mins.
C First Final Flow Pressure	<u>1058</u>	P.S.I.	<u>35</u> Mins.	<u>33</u> Mins.
D Initial Closed-in Pressure	<u>1116</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>1090</u>	P.S.I.	<u>40</u> Mins.	<u>39</u> Mins.
F Second Final Flow Pressure	<u>1116</u>	P.S.I.		
G Final Closed-in Pressure	<u>1116</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2004</u>	P.S.I.		

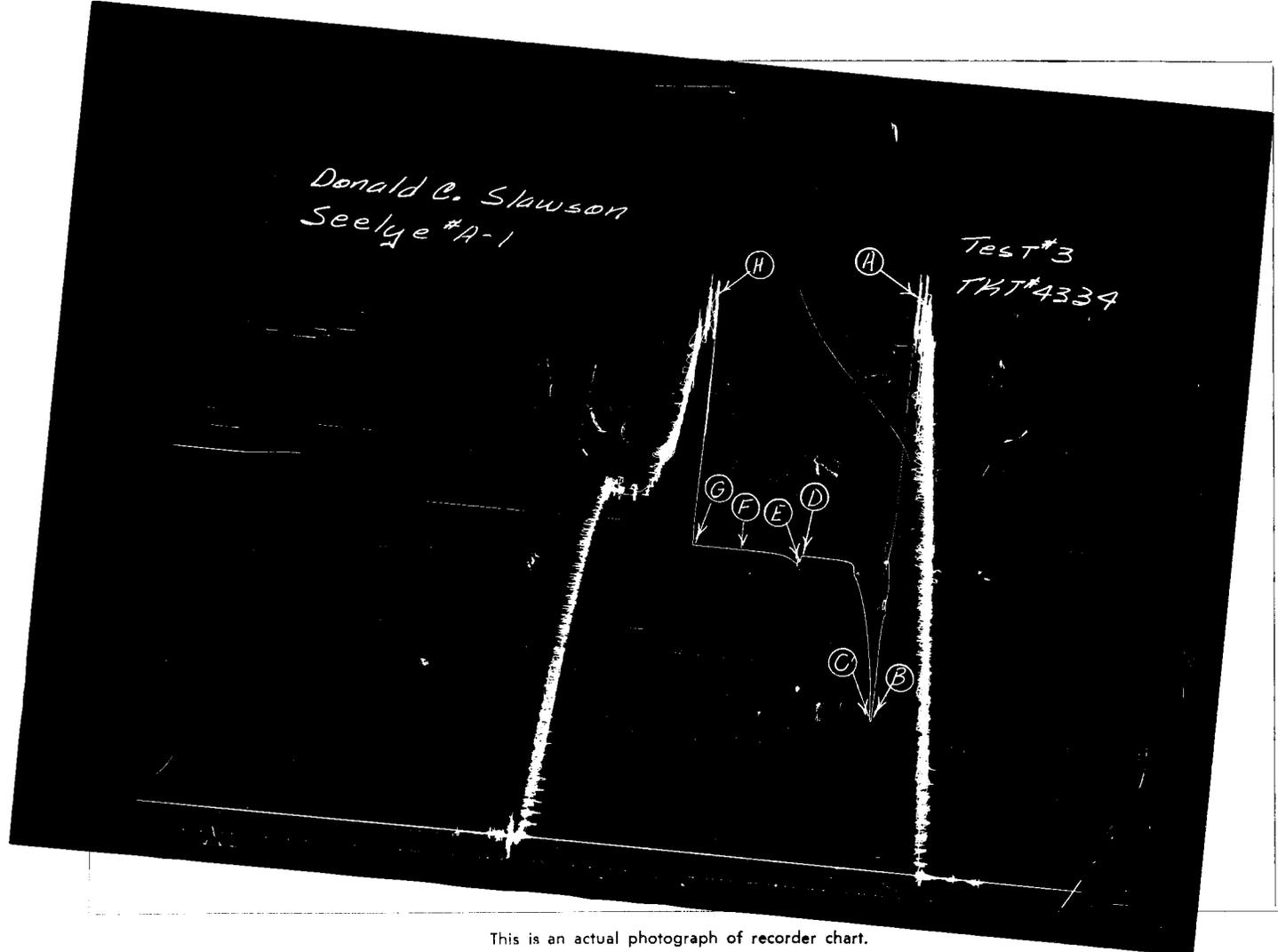
PRESSURE BREAKDOWN

First Flow Press. Breakdown: <u>4</u> Inc. of <u>5</u> mins. and a final inc. of <u>2</u> Min.	Initial Shut-In Breakdown: <u>11</u> Inc. of <u>3</u> mins. and a final inc. of <u>-</u> Min.	Second Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>-</u> Min.	Final Shut-In Breakdown: <u>13</u> Inc. of <u>3</u> mins. and a final inc. of <u>-</u> Min.
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Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>540</u>	<u>0</u>	<u>1058</u>	<u>0</u>	<u>1090</u>	<u>0</u>	<u>1116</u>
P 2 <u>5</u>	<u>736</u>	<u>3</u>	<u>1110</u>	<u>5</u>	<u>1097</u>	<u>3</u>	<u>1116</u>
P 3 <u>10</u>	<u>877</u>	<u>6</u>	<u>1113</u>	<u>10</u>	<u>1109</u>	<u>6</u>	<u>1116</u>
P 4 <u>15</u>	<u>982</u>	<u>9</u>	<u>1115</u>	<u>15</u>	<u>1115</u>	<u>9</u>	<u>1116</u>
P 5 <u>20</u>	<u>1050</u>	<u>12</u>	<u>1116</u>	<u>20</u>	<u>1116</u>	<u>12</u>	<u>1116</u>
P 6 <u>22</u>	<u>1058</u>	<u>15</u>	<u>1116</u>	<u>25</u>	<u>1116</u>	<u>15</u>	<u>1116</u>
P 7		<u>18</u>	<u>1116</u>	<u>30</u>	<u>1116</u>	<u>18</u>	<u>1116</u>
P 8		<u>21</u>	<u>1116</u>			<u>21</u>	<u>1116</u>
P 9		<u>24</u>	<u>1116</u>			<u>24</u>	<u>1116</u>
P 10		<u>27</u>	<u>1116</u>			<u>27</u>	<u>1116</u>
P 11		<u>30</u>	<u>1116</u>			<u>30</u>	<u>1116</u>
P 12		<u>33</u>	<u>1116</u>			<u>33</u>	<u>1116</u>
P 13						<u>36</u>	<u>1116</u>
P 14						<u>39</u>	<u>1116</u>
P 15							
P 16							
P 17							
P 18							
P 19							
P 20							

Donald C. Slawson
Seelge #A-1

Test #3
TKT#4334



This is an actual photograph of recorder chart.

POINT	PRESSURE	
(A) Initial Hydrostatic Mud	2013	PSI
(B) First Initial Flow Pressure	540	PSI
(C) First Final Flow Pressure	1058	PSI
(D) Initial Closed-in Pressure	1116	PSI
(E) Second Initial Flow Pressure	1090	PSI
(F) Second Final Flow Pressure	1116	PSI
(G) Final Closed-in Pressure	1116	PSI
(H) Final Hydrostatic Mud	2004	PSI