

15-095-00471



11-295-5w

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

Company O. A. Sutton Lease & Well No. Walker #1
Elevation Not Avail Ticket Number 4286
Date 4-15-64 Sec 11 Twp. 29S Range 5W County Kingman State Kansas
Test Approved by Bill C. Romig Western Representative George Tew

Formation Test No. 1 O.K. ☒ Misrun ☐ Interval Tested From 3108' to 3151' Total Depth 3151'
Size Main Hole 7 7/8" Rat Hole None Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No ☐
Packer Depth 3108 Ft. Size 6 3/4" Packer Depth 3103 Ft. Size 6 3/4"
Straddle ☐ Yes ☐ No ☒ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No ☐
Tool Size 5 1/2" OD Tool Jt. Size 4 1/2" FH Anchor Length 43 Ft. Size 5 1/2" OD

RECORDERS Depth 3138 Ft. Clock No. 6861 Depth 3141 Ft. Clock No. 144
Top Make Amerada Cap. 4200# No. 1558 Inside ☐ Outside ☐ Bottom Make Western Cap. 4000# No. 60 Inside ☐ Outside ☐
Below Straddle: Depth ☐ Clock No. ☐ Inside ☐ Outside ☐ Depth ☐ Ft. Clock No. ☐ Inside ☐ Outside ☐
Top Make ☐ Cap. ☐ No. ☐ Inside ☐ Outside ☐ Bottom Make ☐ Cap. ☐ No. ☐ Inside ☐ Outside ☐

Time Set Packer 9:17P M
Tool Open I.F.P. From 9:20P M to 9:25P M - Hr. 5 Min. From (B) 419 P.S.I. To (C) 680 P.S.I.
Tool Closed I.C.I.P. From 9:25P M. to 9:45P M. - Hr. 20 Min. (D) 1296 P.S.I.
Tool Open F.F.P. From 9:45P M. to 10:45P M. 1 Hr. - Min. From (E) 757 P.S.I. To (F) 1271 P.S.I.
Tool Closed F.C.I.P. From 10:45P M. to 11:15P M. - Hr. 30 Min. (G) 1296 P.S.I.
Initial Hydrostatic Pressure (A) 1704 P.S.I. Final Hydrostatic Pressure (H) 1694 P.S.I.

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

BLOW Good blow decreasing to fair Bottom Choke Size 3/4 In.
Did Well Flow ☒ Yes ☐ No Recovery Total Ft. 2611' Muddy salt water

Reversed Out ☒ Yes ☐ No Mud Type Starch Viscosity 49 Weight 9.7 Maximum Temp. 108 °F
EXTRA EQUIPMENT: Dual Packers ☒ 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 2068 ft. I.D. Drill Pipe 3.8 In. Length Weight Pipe 1020 ft. I.D. Weight Pipe 2.7 In. Length Drill Collars ☐ ft.
I. D. Drill Collars ☐ In. Length D. S. T. Tool 63 ft.

Remarks

WESTERN TESTING CO., INC. **Pressure Data**

Date 4-15-64 Test Ticket No. 4286
 Recorder No. 1558 Capacity 4200# Location 3138 Ft.
 Clock No. 6861 Elevation Not available Well Temperature 108 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1704</u> P.S.I.	Opened Tool	<u>9:17 P</u>	<u>9:17 PM</u>
B First Initial Flow Pressure	<u>419</u> P.S.I.	First Flow Pressure	<u>5</u> Mins.	<u>5</u> Mins.
C First Final Flow Pressure	<u>680</u> P.S.I.	Initial Closed-in Pressure	<u>20</u> Mins.	<u>21</u> Mins.
D Initial Closed-in Pressure	<u>1296</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>757</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>1271</u> P.S.I.			
G Final Closed-in Pressure	<u>1296</u> P.S.I.			
H Final Hydrostatic Mud	<u>1694</u> P.S.I.			

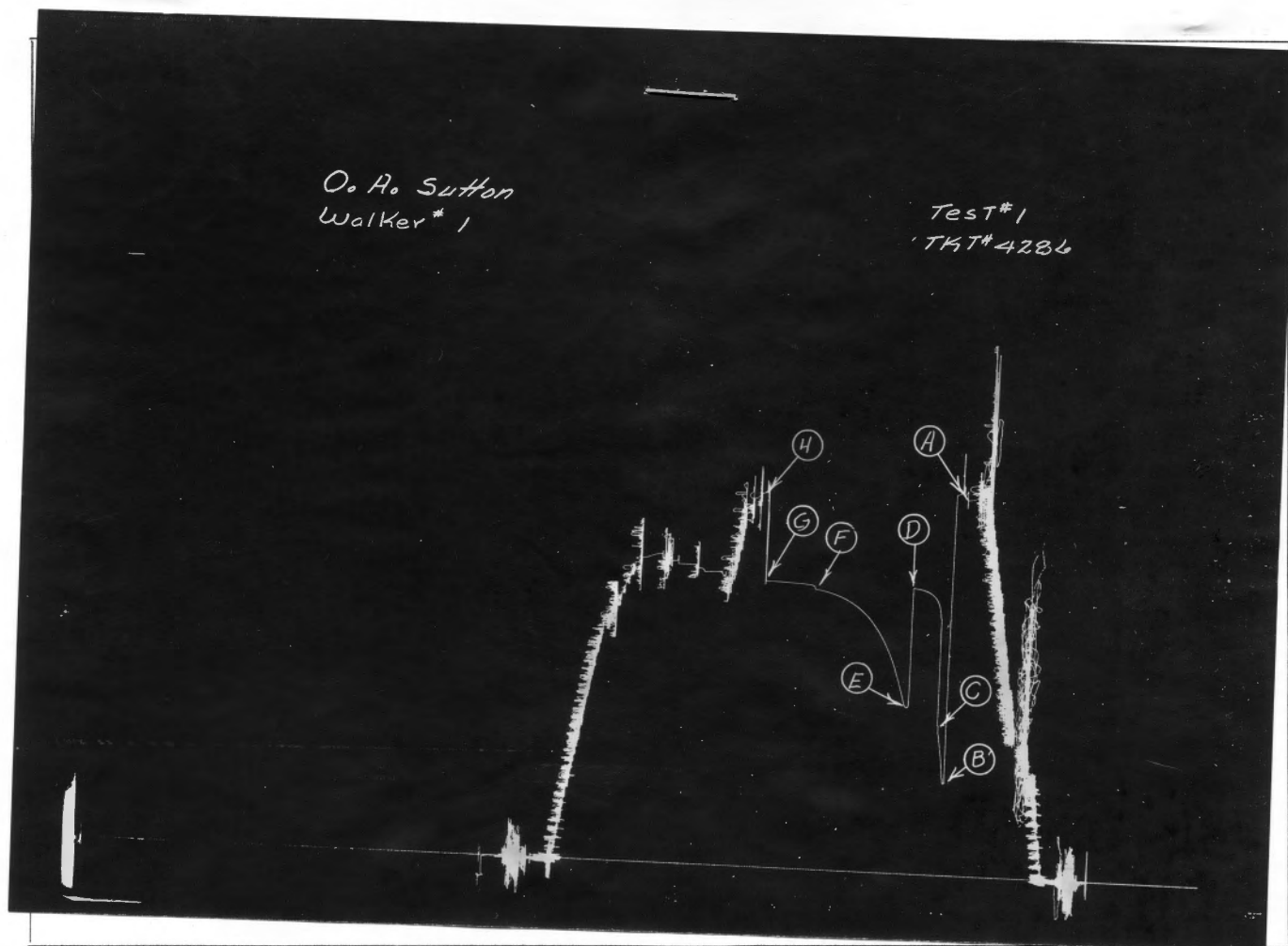
PRESSURE BREAKDOWN

First Flow Press.	Initial Shut-In	Second Flow Pressure	Final Shut-In
Breakdown: <u>1</u> Inc.	Breakdown: <u>7</u> Inc.	Breakdown: <u>12</u> Inc.	Breakdown: <u>10</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>-</u> Min.	final inc. of <u>-</u> Min.	final inc. of <u>-</u> Min.	final inc. of <u>-</u> Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>419</u>	<u>0</u>	<u>680</u>	<u>0</u>	<u>757</u>	<u>0</u>	<u>1271</u>
P 2 <u>5</u>	<u>680</u>	<u>3</u>	<u>1219</u>	<u>5</u>	<u>820</u>	<u>3</u>	<u>1290</u>
P 3		<u>6</u>	<u>1261</u>	<u>10</u>	<u>935</u>	<u>6</u>	<u>1292</u>
P 4		<u>9</u>	<u>1282</u>	<u>15</u>	<u>1020</u>	<u>9</u>	<u>1294</u>
P 5		<u>12</u>	<u>1288</u>	<u>20</u>	<u>1034</u>	<u>12</u>	<u>1295</u>
P 6		<u>15</u>	<u>1292</u>	<u>25</u>	<u>1135</u>	<u>15</u>	<u>1296</u>
P 7		<u>18</u>	<u>1294</u>	<u>30</u>	<u>1171</u>	<u>18</u>	<u>1296</u>
P 8		<u>21</u>	<u>1296</u>	<u>35</u>	<u>1204</u>	<u>21</u>	<u>1296</u>
P 9		<u>24</u>		<u>40</u>	<u>1227</u>	<u>24</u>	<u>1296</u>
P10				<u>45</u>	<u>1246</u>	<u>27</u>	<u>1296</u>
P11				<u>50</u>	<u>1254</u>	<u>30</u>	<u>1296</u>
P12				<u>55</u>	<u>1263</u>		
P13				<u>60</u>	<u>1271</u>		
P14							
P15							
P16							
P17							
P18							
P19							
P20							

O. A. Sutton
Walker # 1

Test #1
TKT# 4286



This is an actual photograph of recorder chart.

POINT

PRESSURE

(A)	Initial Hydrostatic Mud	1704	PSI
(B)	First Initial Flow Pressure	419	PSI
(C)	First Final Flow Pressure	680	PSI
(D)	Initial Closed-in Pressure	1296	PSI
(E)	Second Initial Flow Pressure	757	PSI
(F)	Second Final Flow Pressure	1271	PSI
(G)	Final Closed-in Pressure	1296	PSI
(H)	Final Hydrostatic Mud	1694	PSI



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

Company O. A. Sutton Lease & Well No. Walker #1
Elevation Not avail. Ticket Number 3048
Date 4-17-64 Sec. 11 Twp. 29S Range 5W County Kingman State Kansas
Test Approved by Bill C. Romig Western Representative Guy M. Knipe

Formation Test No. 2 O.K. ☒ Misrun ☐ Interval Tested From 3412' to 3420' Total Depth 3420'
Size Main Hole 7 7/8" Rat Hole ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No ☐
Packer Depth 3407 Ft. Size 6 3/4" Packer Depth 3412 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 8 Ft. Size 5 1/2" OD

RECORDERS	Depth <u>3404</u> Ft.	Clock No. <u>5665</u>	Depth <u>3416</u> Ft.	Clock No. <u>150</u>
	Top Make <u>Amerada</u> Cap. <u>4200#</u> No. <u>1559</u>	Inside ☐ Outside ☐	Bottom Make <u>Western</u> Cap. <u>4000#</u> No. <u>49</u>	Inside ☐ Outside ☐
	Below Straddle: Depth <u> </u> Clock No. <u> </u>	Inside ☐ Outside ☐	Depth <u> </u> Ft. Clock No. <u> </u>	Inside ☐ Outside ☐
	Top Make <u> </u> Cap. <u> </u> No. <u> </u>	Inside ☐ Outside ☐	Bottom Make <u> </u> Cap. <u> </u> No. <u> </u>	Inside ☐ Outside ☐

Time Set Packer 8:54A M
Tool Open I.F.P. From 8:55A M to 9:00A M - Hr. 5 Min. From (B) 27 P.S.I. To (C) 31 P.S.I.
Tool Closed I.C.I.P. From 9:00A M. to 9:30A M. - Hr. 30 Min. (D) 1459 P.S.I.
Tool Open F.F.P. From 9:30A M. to 10:30A M. 1 Hr. - Min. From (E) 54 P.S.I. To (F) 160 P.S.I.
Tool Closed F.C.I.P. From 10:30A M. to 11:15A M. - Hr. 45 Min. (G) 1399 P.S.I.
Initial Hydrostatic Pressure (A) 1856 P.S.I. Final Hydrostatic Pressure (H) 1843 P.S.I.

SURFACE	Size Choke <u>3/4</u> In.	Max. Press. P.S.I.	Time	Description of Flow
INFORMATION	<u> </u>	<u> </u>	<u>M.</u>	<u> </u>
	<u> </u>	<u> </u>	<u>M.</u>	<u> </u>
	<u> </u>	<u> </u>	<u>M.</u>	<u> </u>

BLOW Weak blow (3") for 50 mins. - died Bottom Choke Size 3/4 In.
Did Well Flow Yes ☒ No ☐ Recovery Total Ft. 60' Gas in pipe - 5' Gas cut oil specked watery mud - 60' Muddy
Watery mud Scum oil - 240' Water Mud
Reversed Out Yes ☒ No ☐ Mud Type Starch Viscosity 43 Weight 9.8 Maximum Temp. 127 °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 2362 ft. I.D. Drill Pipe 3.8 In. Length Weight Pipe 1026 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars ft.
I. D. Drill Collars in. Length D. S. T. Tool 32 ft.
Remarks

WESTERN TESTING CO., INC. Pressure Data

Date 4-17-64 Test Ticket No. 3048
Recorder No. 1559 Capacity 4200# Location 3404 Ft.
Clock No. 5665 Elevation Not Available Well Temperature 127 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1856</u> P.S.I.	Opened Tool	<u>8:54A</u>	<u>8:54 AM</u>
B First Initial Flow Pressure	<u>27</u> P.S.I.	First Flow Pressure	<u>5</u> Mins.	<u>5</u> Mins.
C First Final Flow Pressure	<u>31</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>1459</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>58</u> Mins.
E Second Initial Flow Pressure	<u>54</u> P.S.I.	Final Closed-in Pressure	<u>45</u> Mins.	<u>42</u> Mins.
F Second Final Flow Pressure	<u>160</u> P.S.I.			
G Final Closed-in Pressure	<u>1399</u> P.S.I.			
H Final Hydrostatic Mud	<u>1843</u> P.S.I.			

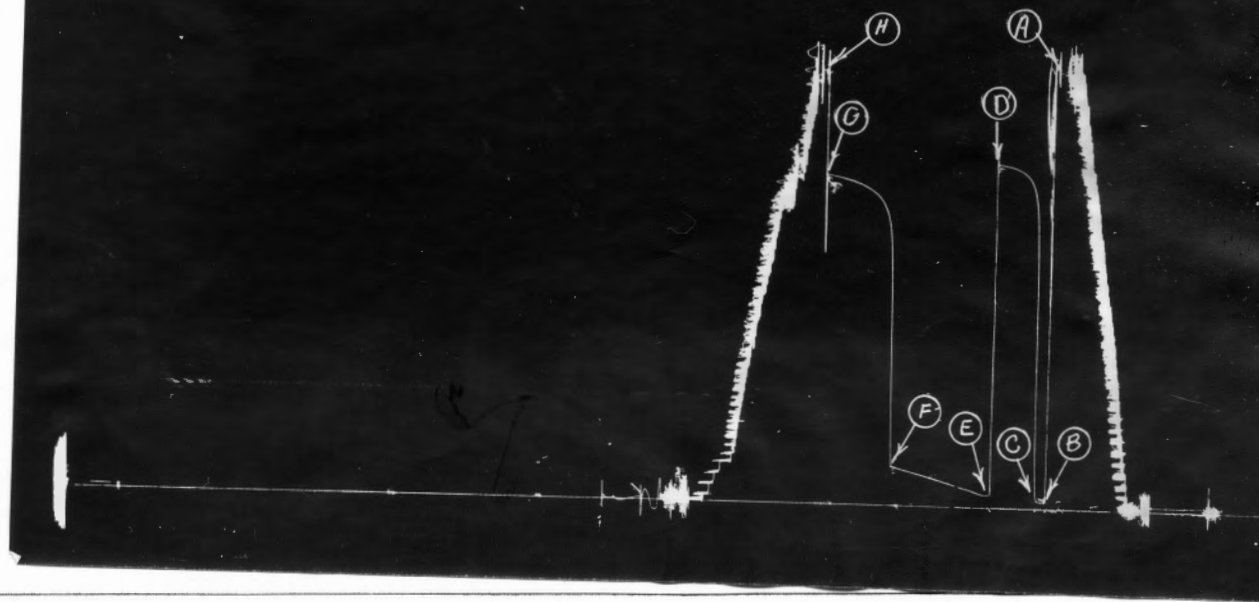
PRESSURE BREAKDOWN

First Flow Press.	Initial Shut-In	Second Flow Pressure	Final Shut-In
Breakdown: <u>1</u> Inc.	Breakdown: <u>10</u> Inc.	Breakdown: <u>11</u> Inc.	Breakdown: <u>14</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>-</u> Min.	final inc. of <u>-</u> Min.	final inc. of <u>3</u> Min.	final inc. of <u>-</u> Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>27</u>	<u>0</u>	<u>31</u>	<u>0</u>	<u>54</u>	<u>0</u>	<u>160</u>
P 2 <u>5</u>	<u>31</u>	<u>3</u>	<u>522</u>	<u>5</u>	<u>56</u>	<u>3</u>	<u>893</u>
P 3		<u>6</u>	<u>1225</u>	<u>10</u>	<u>66</u>	<u>6</u>	<u>1196</u>
P 4		<u>9</u>	<u>1365</u>	<u>15</u>	<u>77</u>	<u>9</u>	<u>1273</u>
P 5		<u>12</u>	<u>1407</u>	<u>20</u>	<u>89</u>	<u>12</u>	<u>1307</u>
P 6		<u>15</u>	<u>1428</u>	<u>25</u>	<u>100</u>	<u>15</u>	<u>1326</u>
P 7		<u>18</u>	<u>1441</u>	<u>30</u>	<u>108</u>	<u>18</u>	<u>1342</u>
P 8		<u>21</u>	<u>1448</u>	<u>35</u>	<u>119</u>	<u>21</u>	<u>1360</u>
P 9		<u>24</u>	<u>1453</u>	<u>40</u>	<u>129</u>	<u>24</u>	<u>1363</u>
P10		<u>27</u>	<u>1458</u>	<u>45</u>	<u>137</u>	<u>27</u>	<u>1372</u>
P11		<u>30</u>	<u>1459</u>	<u>50</u>	<u>148</u>	<u>30</u>	<u>1378</u>
P12				<u>55</u>	<u>154</u>	<u>33</u>	<u>1384</u>
P13				<u>58</u>	<u>160</u>	<u>36</u>	<u>1388</u>
P14						<u>39</u>	<u>1395</u>
P15						<u>42</u>	<u>1399</u>
P16							
P17							
P18							
P19							
P20							

O. A. Sutton
Walker #1

Test # 2
TKT#3048



This is an actual photograph of recorder chart.

POINT

PRESSURE

(A)	Initial Hydrostatic Mud	1856	PSI
(B)	First Initial Flow Pressure	27	PSI
(C)	First Final Flow Pressure	31	PSI
(D)	Initial Closed-in Pressure	1459	PSI
(E)	Second Initial Flow Pressure	54	PSI
(F)	Second Final Flow Pressure	160	PSI
(G)	Final Closed-in Pressure	1399	PSI
(H)	Final Hydrostatic Mud	1843	PSI



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

Company O. A. Sutton Lease & Well No. Walker #1
Elevation 1391' D.F. Ticket Number 4287
Date 4-18-64 Sec. 11 Twp. 29S Range 5W County Kingman State Kansas
Test Approved by Bill C. Romig Western Representative George Tew

Formation Test No. 3 O.K. ☒ Misrun ☐ Interval Tested From 3468' to 3500' Total Depth 3500'
Size Main Hole 7 7/8" Rat Hole None Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No ☐
Packer Depth 3468 Ft. Size 6 3/4" Packer Depth 3463 Ft. Size 6 3/4"
Straddle ☐ Yes ☒ No ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No ☐
Tool Size 5 1/2" OD Tool Jt. Size 4 1/2" FH Anchor Length 32 Ft. Size 5 1/2" OD

RECORDERS Depth 3493 Ft. Clock No. 6861 Depth 3496 Ft. Clock No. 144
Top Make Amerada Cap. 4200# No. 1558 Inside ☐ Outside ☐ Bottom Make Western Cap. 4000# No. 60 Inside ☐ Outside ☐
Below Straddle: Depth ☐ Clock No. ☐ Inside ☐ Outside ☐ Depth ☐ Ft. Clock No. ☐ Inside ☐ Outside ☐
Top Make ☐ Cap. ☐ No. ☐ Outside ☐ Bottom Make ☐ Cap. ☐ No. ☐ Outside ☐

Time Set Packer 3:52A M
Tool Open I.F.P. From 3:55A M to 4:00A M - Hr 5 Min. From (B) 35 P.S.I. To (C) 52 P.S.I.
Tool Closed I.C.I.P. From 4:00A M. to 4:30A M. - Hr 30 Min. (D) 1518 P.S.I.
Tool Open F.F.P. From 4:30A M. to 5:30A M. 1 Hr. - Min. From (E) 96 P.S.I. To (F) 415 P.S.I.
Tool Closed F.C.I.P. From 5:30A M. to 6:15A M. - Hr 45 Min. (G) 1504 P.S.I.
Initial Hydrostatic Pressure (A) 1892 P.S.I. Final Hydrostatic Pressure (H) 1881 P.S.I.

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

BLOW Good blow - diminishing slightly at end of test Bottom Choke Size 3/4 in.
Did Well Flow ☒ Yes ☐ No Recovery Total Ft. 850'

850' S. Wtr. (Slightly muddy) Mud
Reversed Out ☒ Yes ☐ No Mud Type Starch Viscosity 42 Weight 9.9 Maximum Temp. 117 °F
EXTRA EQUIPMENT: Dual Packers ☒ Yes ☐ No 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 2938 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 510 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars ☐ ft.
I. D. Drill Collars ☐ in. Length D. S. T. Tool 52 ft.

Remarks

WESTERN TESTING CO., INC. Pressure Data

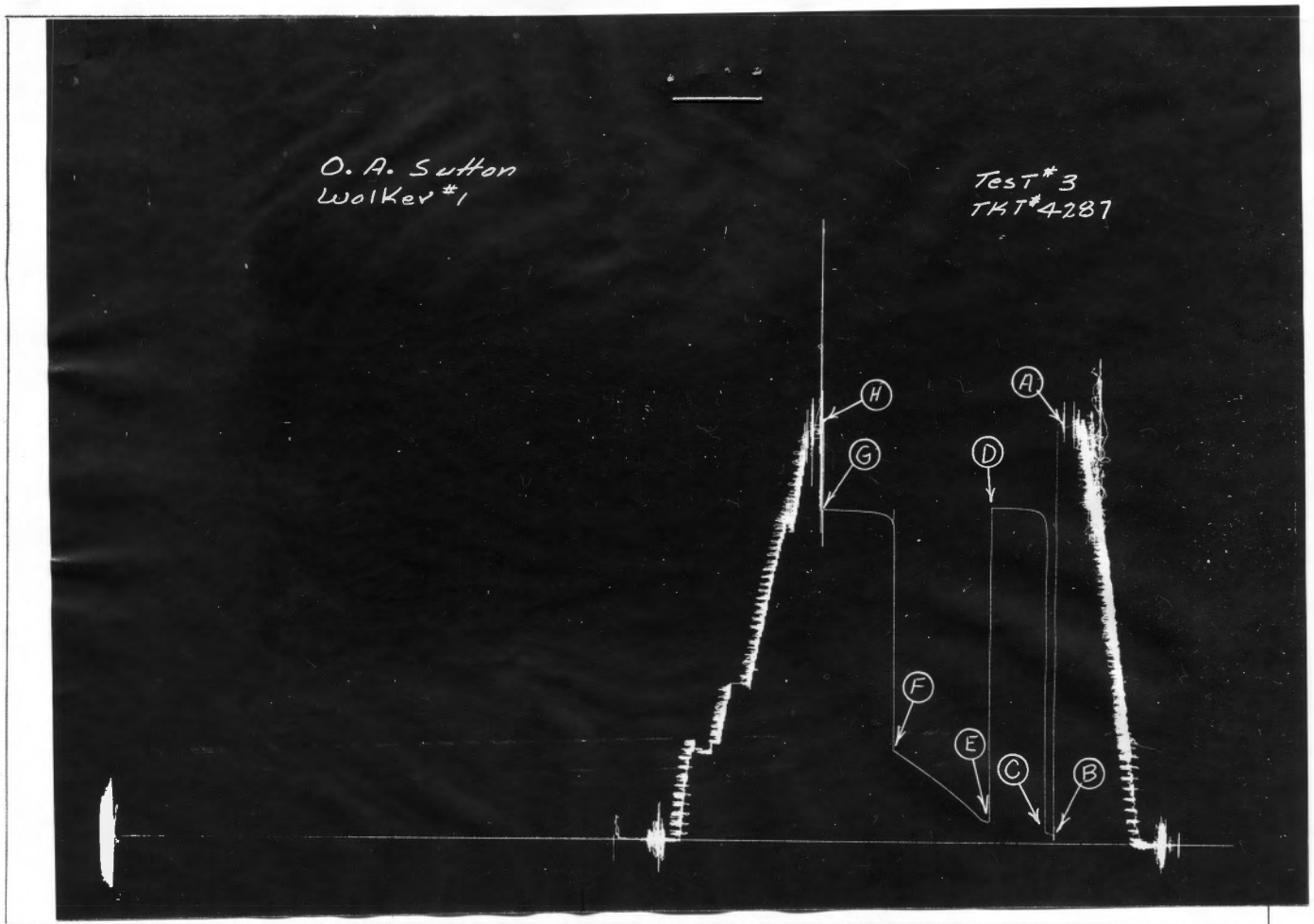
Date 4-18-64 Test Ticket No. 4287
Recorder No. 1558 Capacity 4200# Location 3493 Ft.
Clock No. 6861 Elevation 1391' D.F. Well Temperature 117 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1892</u>	P.S.I.	<u>3:52A</u>	<u>3:52 AM</u>
B First Initial Flow Pressure	<u>35</u>	P.S.I.	<u>5</u> Mins.	<u>5</u> Mins.
C First Final Flow Pressure	<u>52</u>	P.S.I.	<u>30</u> Mins.	<u>33</u> Mins.
D Initial Closed-in Pressure	<u>1518</u>	P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>96</u>	P.S.I.	<u>45</u> Mins.	<u>47</u> Mins.
F Second Final Flow Pressure	<u>415</u>	P.S.I.		
G Final Closed-in Pressure	<u>1504</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1881</u>	P.S.I.		
Opened Tool				
First Flow Pressure				
Initial Closed-in Pressure				
Second Flow Pressure				
Final Closed-in Pressure				

PRESSURE BREAKDOWN

First Flow Press. Breakdown: 1 Inc. of 5 mins. and a final inc. of - Min.
Initial Shut-In Breakdown: 11 Inc. of 3 mins. and a final inc. of - Min.
Second Flow Pressure Breakdown: 12 Inc. of 5 mins. and a final inc. of - Min.
Final Shut-In Breakdown: 15 Inc. of 3 mins. and a final inc. of 2 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>35</u>	<u>0</u>	<u>52</u>	<u>0</u>	<u>96</u>	<u>0</u>	<u>415</u>
P 2 <u>5</u>	<u>52</u>	<u>3</u>	<u>1217</u>	<u>5</u>	<u>105</u>	<u>3</u>	<u>1196</u>
P 3		<u>6</u>	<u>1491</u>	<u>10</u>	<u>139</u>	<u>6</u>	<u>1472</u>
P 4		<u>9</u>	<u>1504</u>	<u>15</u>	<u>175</u>	<u>9</u>	<u>1483</u>
P 5		<u>12</u>	<u>1510</u>	<u>20</u>	<u>202</u>	<u>12</u>	<u>1489</u>
P 6		<u>15</u>	<u>1512</u>	<u>25</u>	<u>236</u>	<u>15</u>	<u>1493</u>
P 7		<u>18</u>	<u>1514</u>	<u>30</u>	<u>263</u>	<u>18</u>	<u>1495</u>
P 8		<u>21</u>	<u>1516</u>	<u>35</u>	<u>291</u>	<u>21</u>	<u>1497</u>
P 9		<u>24</u>	<u>1517</u>	<u>40</u>	<u>318</u>	<u>24</u>	<u>1500</u>
P10		<u>27</u>	<u>1518</u>	<u>45</u>	<u>343</u>	<u>27</u>	<u>1501</u>
P11		<u>30</u>	<u>1518</u>	<u>50</u>	<u>369</u>	<u>30</u>	<u>1502</u>
P12		<u>33</u>	<u>1518</u>	<u>55</u>	<u>394</u>	<u>33</u>	<u>1503</u>
P13				<u>60</u>	<u>415</u>	<u>36</u>	<u>1503</u>
P14						<u>39</u>	<u>1504</u>
P15						<u>42</u>	<u>1504</u>
P16						<u>45</u>	<u>1504</u>
P17						<u>47</u>	<u>1504</u>
P18							
P19							
P20							



This is an actual photograph of recorder chart.

POINT	PRESSURE
(A) Initial Hydrostatic Mud	1892 PSI
(B) First Initial Flow Pressure	35 PSI
(C) First Final Flow Pressure	52 PSI
(D) Initial Closed-in Pressure	1518 PSI
(E) Second Initial Flow Pressure	96 PSI
(F) Second Final Flow Pressure	415 PSI
(G) Final Closed-in Pressure	1504 PSI
(H) Final Hydrostatic Mud	1881 PSI