

WESTERN

Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

Company Graves Drilling Co. Lease & Well No. Lawrence # 1
Elevation 1733 Kelly Bushing Formation Mississippian Effective Pay _____ Ft. Ticket No. 12979
Date 10-8-69 Sec. 2 Twp. 31 Range 10W County Barber State Kansas
Test Approved by Edgar E. Smith Western Representative George Tew

Formation Test No. 1 O.K. ☒ Misrun _____ Interval Tested From 4457' to 4466' Total Depth 4466'
Size Main Hole 7 7/8 Rat Hole _____ Conv. ☒ B.T. _____ Damaged Yes ☒ No Conv. _____ B.T. ☒ Damaged Yes ☒ No
Packer Depth 4457 Ft. Size 6 3/4 Packer Depth 4452 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 9 Ft. Size 5 1/2" OD

RECORDERS	Depth <u>4460</u>	Ft.	Clock No. <u>9727</u>	Depth <u>4463</u>	Ft.	Clock No. <u>6896</u>
	Top Make <u>Kuster</u>	Cap. <u>4500</u>	No. <u>3086</u>	Bottom Make <u>Kuster</u>	Cap. <u>4300</u>	No. <u>1566</u>
Below Straddle: Depth _____	Clock No. _____			Depth _____	Ft.	Clock No. _____
Top Make _____	Cap. _____	No. _____		Bottom Make _____	Cap. _____	No. _____

Time Set Packer 6:07A M
Tool Open I.F.P. From 6:10 M. to 6:15A M. Hr. 5 Min. From (B) 35 P.S.I. To (C) 35 P.S.I.
Tool Closed I.C.I.P. From 6:15 M. to 7:00R M. Hr. 45 Min. (D) 1516 P.S.I.
Tool Open F.F.P. From 7:00 M. to 8:00A M. Hr. 60 Min. From (E) 40 P.S.I. To (F) 78 P.S.I.
Tool Closed F.C.I.P. From 8:00 M. to 8:45A M. Hr. 45 Min. (G) 1290 P.S.I.
Initial Hydrostatic Pressure (A) 2339 P.S.I. Final Hydrostatic Pressure (H) 2325 P.S.I.

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

BLOW Good-- Gas to surface in 45 minutes to small to measure Bottom Choke Size 3/4 In.
Did Well Flow ☒ Yes _____ No _____ Recovery Total Ft. 180 feet muddy water

Reversed Out Yes _____ No ☒ Mud Type starch Viscosity 53 Weight 9.7 Water Loss 10 cc. Maximum Temp. 123 °F
Type Circ. Sub. plug Did Tool Plug? no Jars: Size 4 1/2" OD Make WTC Ser. No. 407
EXTRA EQUIPMENT: Dual Packers yes Safety Joint yes Did Packer Hold? yes Where? _____
Length Drill Pipe 4310 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 120 ft. I.D. Weight Pipe _____ in. Length Drill Collars _____ ft.
I. D. Drill Collars _____ in. Length D.S.T. Tool 36 ft.

Remarks
Gas burned

WESTERN TESTING CO., INC. Pressure Data

Date 10-8-69 Test Ticket No. 12979
 Recorder No. 3086 Capacity 4500 Location 4460 Ft.
 Clock No. 9727 Elevation 1733 Kelly Bushing Well Temperature 133 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2339</u> P.S.I.	Open Tool	<u>6:07A</u> M	
B First Initial Flow Pressure	<u>35</u> P.S.I.	First Flow Pressure	<u>5</u> Mins.	<u>5</u> Mins.
C First Final Flow Pressure	<u>35</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>43</u> Mins.
D Initial Closed-in Pressure	<u>1516</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>59</u> Mins.
E Second Initial Flow Pressure	<u>40</u> P.S.I.	Final Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
F Second Final Flow Pressure	<u>78</u> P.S.I.			
G Final Closed-in Pressure	<u>1290</u> P.S.I.			
H Final Hydrostatic Mud	<u>2325</u> P.S.I.			

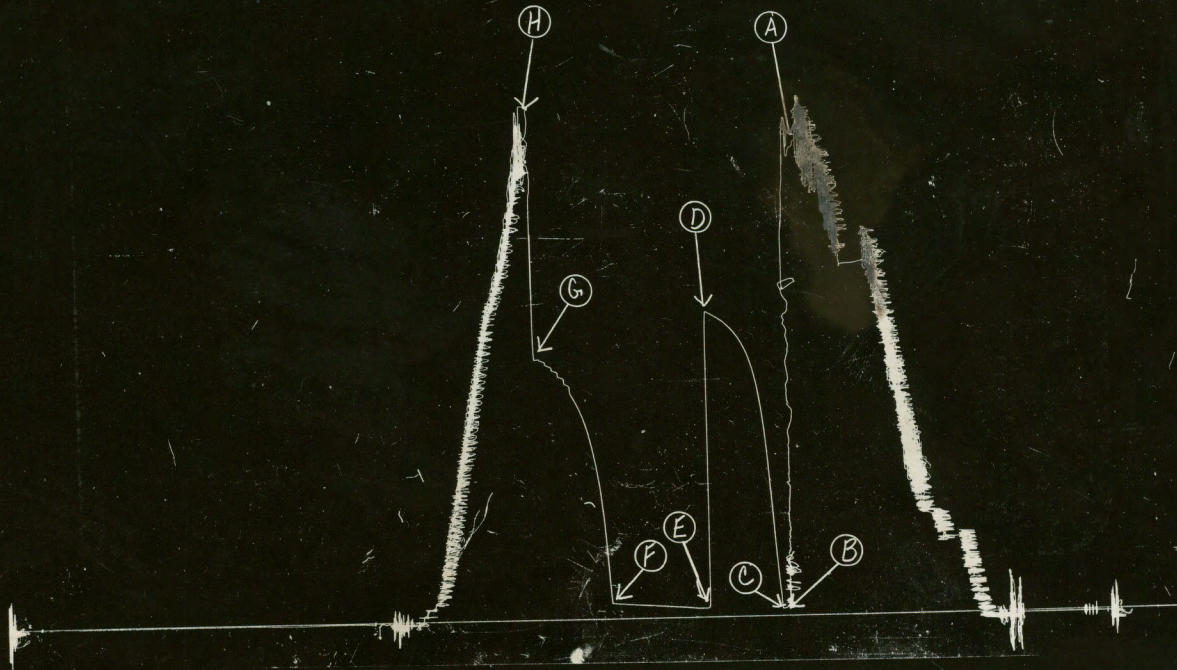
PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>1</u> Inc.		Breakdown: <u>14</u> Inc.		Breakdown: <u>11</u> Inc.		Breakdown: <u>15</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>1</u> Min.		final inc. of <u>4</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>35</u>	<u>0</u>	<u>35</u>	<u>0</u>	<u>49</u>	<u>0</u>	<u>78</u>
P 2 <u>5</u>	<u>35</u>	<u>3</u>	<u>270</u>	<u>5</u>	<u>44</u>	<u>3</u>	<u>369</u>
P 3 <u> </u>	<u> </u>	<u>6</u>	<u>574</u>	<u>10</u>	<u>47</u>	<u>6</u>	<u>616</u>
P 4 <u> </u>	<u> </u>	<u>9</u>	<u>878</u>	<u>15</u>	<u>49</u>	<u>9</u>	<u>755</u>
P 5 <u> </u>	<u> </u>	<u>12</u>	<u>1076</u>	<u>20</u>	<u>54</u>	<u>12</u>	<u>878</u>
P 6 <u> </u>	<u> </u>	<u>15</u>	<u>1211</u>	<u>25</u>	<u>56</u>	<u>15</u>	<u>974</u>
P 7 <u> </u>	<u> </u>	<u>18</u>	<u>1292</u>	<u>30</u>	<u>59</u>	<u>18</u>	<u>1039</u>
P 8 <u> </u>	<u> </u>	<u>21</u>	<u>1346</u>	<u>35</u>	<u>63</u>	<u>21</u>	<u>1088</u>
P 9 <u> </u>	<u> </u>	<u>24</u>	<u>1385</u>	<u>40</u>	<u>66</u>	<u>24</u>	<u>1160</u>
P10 <u> </u>	<u> </u>	<u>27</u>	<u>1418</u>	<u>45</u>	<u>68</u>	<u>27</u>	<u>1171</u>
P11 <u> </u>	<u> </u>	<u> </u>	~~1444~~	~~50~~	~~71~~	~~30~~	~~1206~~
P12 <u> </u>	<u> </u>	<u>30</u>	<u>1444</u>	<u>50</u>	<u>71</u>	<u>30</u>	<u>1206</u>
P13 <u> </u>	<u> </u>	<u>33</u>	<u>1469</u>	<u>55</u>	<u>73</u>	<u>33</u>	<u>1236</u>
P14 <u> </u>	<u> </u>	<u>36</u>	<u>1483</u>	<u>59</u>	<u>78</u>	<u>36</u>	<u>1262</u>
P15 <u> </u>	<u> </u>	<u>39</u>	<u>1497</u>	<u> </u>	<u> </u>	<u>39</u>	<u>1283</u>
P16 <u> </u>	<u> </u>	<u>42</u>	<u>1513</u>	<u> </u>	<u> </u>	<u>42</u>	<u>1290</u>
P17 <u> </u>	<u> </u>	<u>43</u>	<u>1516</u>	<u> </u>	<u> </u>	<u>45</u>	<u>1290</u>
P18 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
P19 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
P20 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>



GRAVES DR19 Co.
LAWRENCE #1

T.K.T. #12979
Test #1



This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2325	2339	PSI
(B) First Initial Flow Pressure	35	35	PSI
(C) First Final Flow Pressure	35	35	PSI
(D) Initial Closed-in Pressure	1520	1516	PSI
(E) Second Initial Flow Pressure	40	40	PSI
(F) Second Final Flow Pressure	75	78	PSI
(G) Final Closed-in Pressure	1287	1290	PSI
(H) Final Hydrostatic Mud	2315	2325	PSI

WESTERN

Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

Company Graves Drilling Co. Lease & Well No. Lawrence # 1
Elevation 1733 Kelly Bushing Mississippian Effective Pay _____ Ft. Ticket No. 12980
Date 10-8-69 Sec. 2 Twp. 31 Range 10W County Farber State Kanas
Test Approved by Edgar E. Smith Western Representative George Tew
Formation Test No. 2 O.K. ☒ Misrun _____ Interval Tested From 4466' to 4476' Total Depth 4476'
Size Main Hole 7 7/8 Rat Hole _____ Conv. ☒ B.T. _____ Damaged _____ Yes ☒ No Conv. _____ B.T. ☒ Damaged _____ Yes ☒ No
Packer Depth 4466 Ft. Size 6 3/4 Packer Depth 4461 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 10 Ft. Size 5 1/2" OD
RECORDERS Depth 4470 Ft. Clock No. 9727 Depth 4473 Ft. Clock No. 6896
Top Make Kuster Cap. 4500 No. 3086 Inside Outside Bottom Make Kuster Cap. 4300 No. 1556 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 7:07P M
Tool Open I.F.P. From 7:10 M. to 7:15P M. Hr. 5 Min. From (B) 28 P.S.I. To (C) 28 P.S.I.
Tool Closed I.C.I.P. From 7:15 M. to 8:00P M. Hr. 45 Min. (D) 1596 P.S.I.
Tool Open F.F.P. From 8:00 M. to 9:00P M. Hr. 60 Min. From (E) 47 P.S.I. To (F) 92 P.S.I.
Tool Closed F.C.I.P. From 9:00 M. to 9:45P M. Hr. 45 Min. (G) 1455 P.S.I.
Initial Hydrostatic Pressure (A) 2323 P.S.I. Final Hydrostatic Pressure (H) 2315 P.S.I.
SURFACE Size Choke 3/4 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____
INFORMATION _____ M. _____
_____ M. _____
_____ M. _____
BLOW Good thru out Bottom Choke Size 3/4 In.
Did Well Flow _____ Yes ☒ No _____ Recovery Total Ft. 225 feet muddy salt water
Reversed Out _____ Yes ☒ No _____ Mud Type starch Viscosity 45 Weight 9.7 Water Loss 13 cc. Maximum Temp. 133 °F
Type Circ. Sub. plug Did Tool Plug? no Jars: Size 4 1/2" OD Make WTC Ser. No. 407
EXTRA EQUIPMENT: Dual Packers yes Safety Joint yes Did Packer Hold? yes Where? _____
Length Drill Pipe 4319 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 120 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars _____ ft.
I. D. Drill Collars _____ in. Length D.S.T. Tool 37 ft.
Remarks _____

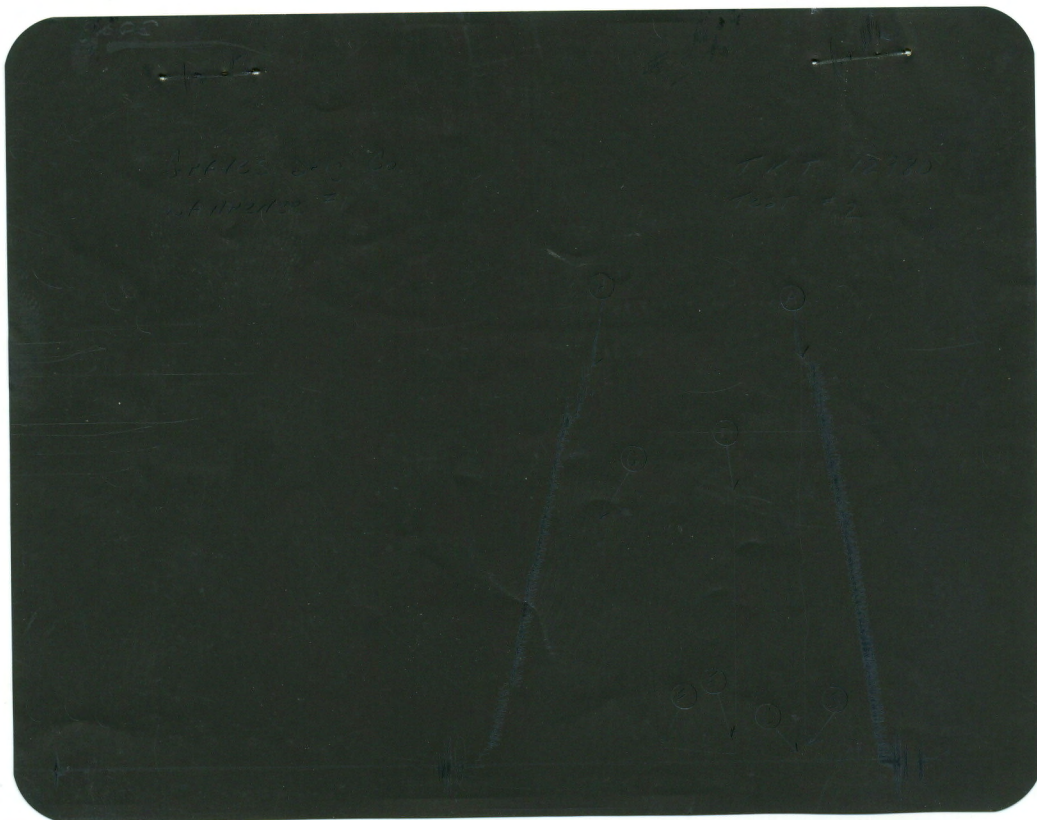
WESTERN TESTING CO., INC. Pressure Data

Date 10-8-69 Test Ticket No. 12980
 Recorder No. 3086 Capacity 4300 Location 4470 Ft.
 Clock No. 9727 Elevation 1733 Kelly Bushing Well Temperature 133 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2323</u> P.S.I.	Open Tool	<u>7:07P</u> M	
B First Initial Flow Pressure	<u>28</u> P.S.I.	First Flow Pressure	<u>5</u> Mins.	<u>5</u> Mins.
C First Final Flow Pressure	<u>28</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>48</u> Mins.
D Initial Closed-in Pressure	<u>1596</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>57</u> Mins.
E Second Initial Flow Pressure	<u>47</u> P.S.I.	Final Closed-in Pressure	<u>45</u> Mins.	<u>48</u> Mins.
F Second Final Flow Pressure	<u>92</u> P.S.I.			
G Final Closed-in Pressure	<u>1455</u> P.S.I.			
H Final Hydrostatic Mud	<u>2315</u> P.S.I.			

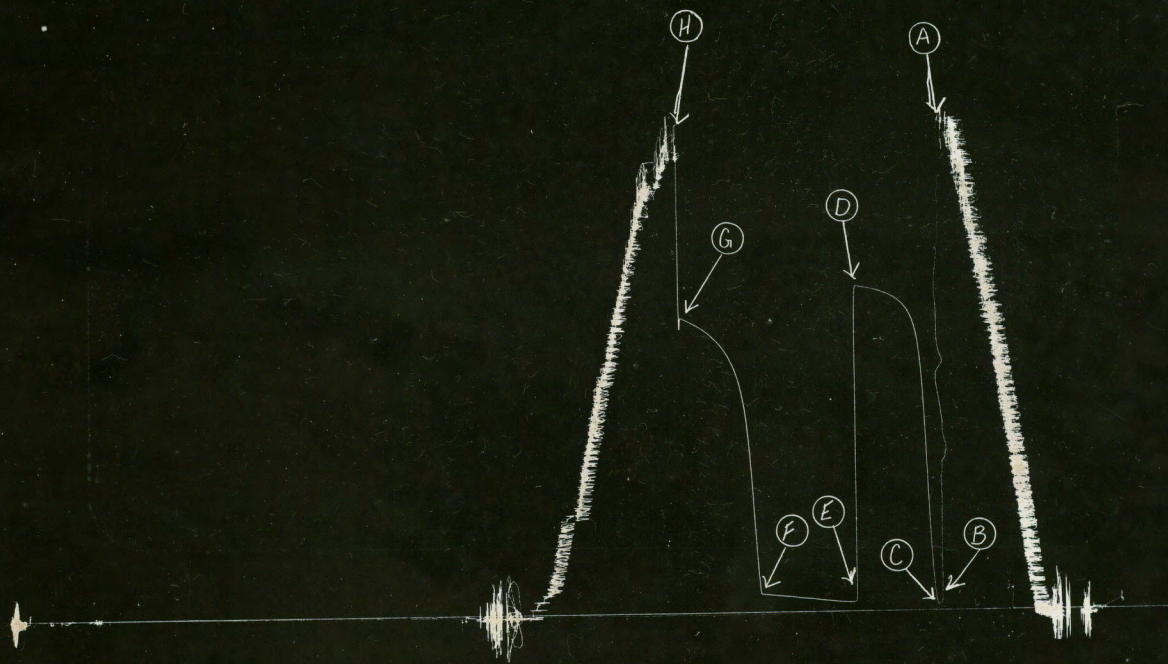
PRESSURE BREAKDOWN

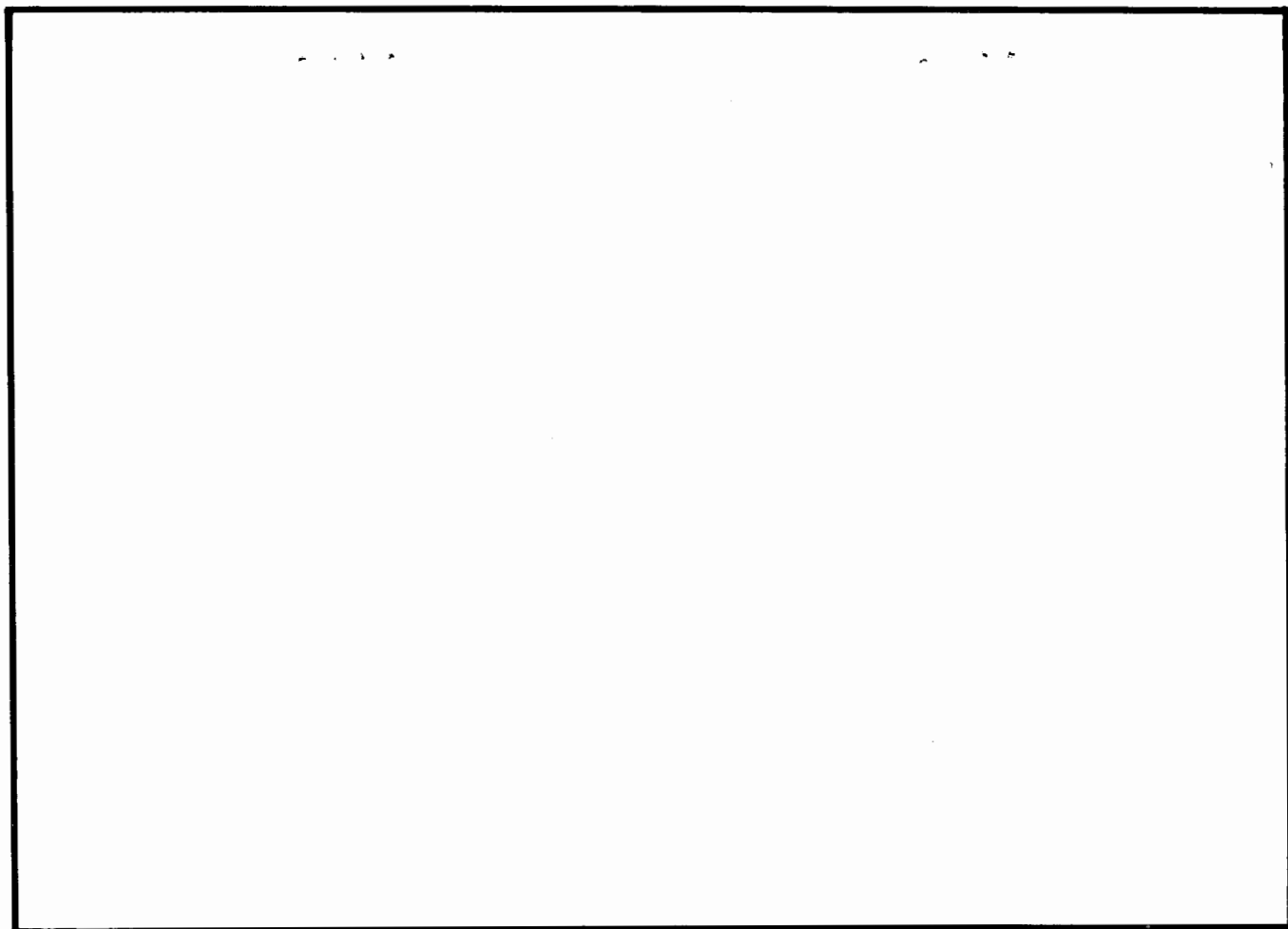
First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>1</u> Inc.		Breakdown: <u>16</u> Inc.		Breakdown: <u>11</u> Inc.		Breakdown: <u>16</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u> </u> Min.		final inc. of <u> </u> Min.		final inc. of <u>2</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>28</u>	<u>0</u>	<u>28</u>	<u>0</u>	<u>47</u>	<u>0</u>	<u>92</u>
P 2 <u>5</u>	<u>28</u>	<u>3</u>	<u>215</u>	<u>5</u>	<u>49</u>	<u>3</u>	<u>338</u>
P 3 <u> </u>	<u> </u>	<u>6</u>	<u>583</u>	<u>10</u>	<u>52</u>	<u>5</u>	<u>585</u>
P 4 <u> </u>	<u> </u>	<u>9</u>	<u>993</u>	<u>15</u>	<u>54</u>	<u>9</u>	<u>839</u>
P 5 <u> </u>	<u> </u>	<u>12</u>	<u>1264</u>	<u>20</u>	<u>59</u>	<u>12</u>	<u>1032</u>
P 6 <u> </u>	<u> </u>	<u>15</u>	<u>1390</u>	<u>25</u>	<u>66</u>	<u>15</u>	<u>1146</u>
P 7 <u> </u>	<u> </u>	<u>18</u>	<u>1467</u>	<u>30</u>	<u>68</u>	<u>18</u>	<u>1208</u>
P 8 <u> </u>	<u> </u>	<u>21</u>	<u>1502</u>	<u>35</u>	<u>75</u>	<u>21</u>	<u>1260</u>
P 9 <u> </u>	<u> </u>	<u>24</u>	<u>1525</u>	<u>40</u>	<u>78</u>	<u>24</u>	<u>1297</u>
P10 <u> </u>	<u> </u>	<u>27</u>	<u>1543</u>	<u>45</u>	<u>82</u>	<u>27</u>	<u>1329</u>
P11 <u> </u>	<u> </u>	<u>30</u>	<u>1557</u>	<u>50</u>	<u>87</u>	<u>30</u>	<u>1357</u>
P12 <u> </u>	<u> </u>	<u>33</u>	<u>1566</u>	<u>55</u>	<u>89</u>	<u>33</u>	<u>1378</u>
P13 <u> </u>	<u> </u>	<u>36</u>	<u>1575</u>	<u>57</u>	<u>92</u>	<u>36</u>	<u>1395</u>
P14 <u> </u>	<u> </u>	<u>39</u>	<u>1580</u>	<u> </u>	<u> </u>	<u>39</u>	<u>1413</u>
P15 <u> </u>	<u> </u>	<u>42</u>	<u>1587</u>	<u> </u>	<u> </u>	<u>42</u>	<u>1427</u>
P16 <u> </u>	<u> </u>	<u>45</u>	<u>1592</u>	<u> </u>	<u> </u>	<u>45</u>	<u>1441</u>
P17 <u> </u>	<u> </u>	<u>48</u>	<u>1596</u>	<u> </u>	<u> </u>	<u>48</u>	<u>1455</u>
P18 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
P19 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
P20 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>



GRAVES D-1g Co.
LAWRENCE #1

T.K.T. 12980
TEST #2





This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2325	2323	PSI
(B) First Initial Flow Pressure	35	28	PSI
(C) First Final Flow Pressure	35	28	PSI
(D) Initial Closed-in Pressure	1601	1596	PSI
(E) Second Initial Flow Pressure	47	47	PSI
(F) Second Final Flow Pressure	94	92	PSI
(G) Final Closed-in Pressure	1451	1455	PSI
(H) Final Hydrostatic Mud	2315	2315	PSI

WESTERN

Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

Company Graves Drilling Co. Lease & Well No. Lawrence # 1
Elevation 1733 Kelly Bushng Formation Mississippian Effective Pay _____ Ft. Ticket No. 12981
Date 10-9-69 Sec. 2 Twp. 31s Range 10w County Barber State Kansas
Test Approved by Clyde R. Kuhn Western Representative George T. W
Formation Test No. 3 O.K. ☒ Misrun _____ Interval Tested From 4484' to 4531' Total Depth 4531'
Size Main Hole 7 7/8 Rat Hole _____ Conv. ☒ B.T. _____ Damaged ☒ Yes _____ No Conv. _____ B.T. ☒ Damaged _____ Yes ☒ No
Packer Depth 4484 Ft. Size 6 3/4 Packer Depth 4479 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 47 Ft. Size 16' 5 1/2" Anchor 32' WP
RECORDERS Depth 4491 Ft. Clock No. 9727 Depth 4494 Ft. Clock No. 6896
Top Make Kuster Cap. 4500 No. 3086 Inside _____ Outside _____ Bottom Make Kuster Cap. 4300 No. 1566 Inside _____ Outside _____
Below Straddle: Depth _____ Clock No. _____ Inside _____ Outside _____
Top Make _____ Cap. _____ No. _____ Inside _____ Outside _____
Time Set Packer 3:37P M
Tool Open I.F.P. From 3:40 M. to 3:45P M. Hr. 5 Min. From (B) 37 P.S.I. To (C) 40 P.S.I.
Tool Closed I.C.I.P. From 3:45 M. to 4:15P M. Hr. 30 Min. (D) 1580 P.S.I.
Tool Open F.F.P. From 4:15 M. to 5:15P M. Hr. 60 Min. From (E) 61 P.S.I. To (F) 189 P.S.I.
Tool Closed F.C.I.P. From 5:15 M. to 5:45P M. Hr. 30 Min. (G) 1299 P.S.I.
Initial Hydrostatic Pressure (A) 2348 P.S.I. Final Hydrostatic Pressure (H) 2330 P.S.I.
SURFACE Size Choke 3/4 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____
INFORMATION _____ M. _____
_____ M. _____
_____ M. _____
BLOW Fair blow thru out Bottom Choke Size 3/4 In.
Did Well Flow _____ Yes ☒ No _____ Recovery Total Ft. 400 feet muddy water
Reversed Out ☒ Yes _____ No _____ Mud Type starch Viscosity 50 Weight 9.7 Water Loss 10 cc. Maximum Temp. 135 °F
Type Circ. Sub. plug Did Tool Plug? no Jars: Size 4 1/2" OD Make WTC Ser. No. 407
EXTRA EQUIPMENT: Dual Packers yes Safety Joint yes Did Packer Hold? yes Where? _____
Length Drill Pipe 4367 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 90 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars _____ ft.
I. D. Drill Collars _____ in. Length D.S.T. Tool 74 ft.
Remarks _____

WESTERN TESTING CO., INC. Pressure Data

Date 10-9-69 Test Ticket No. 12981
Recorder No. 3086 Capacity 4500 Location 4491 Ft.
Clock No. 9727 Elevation 1733 Kelly Bushing Well Temperature 135 °F

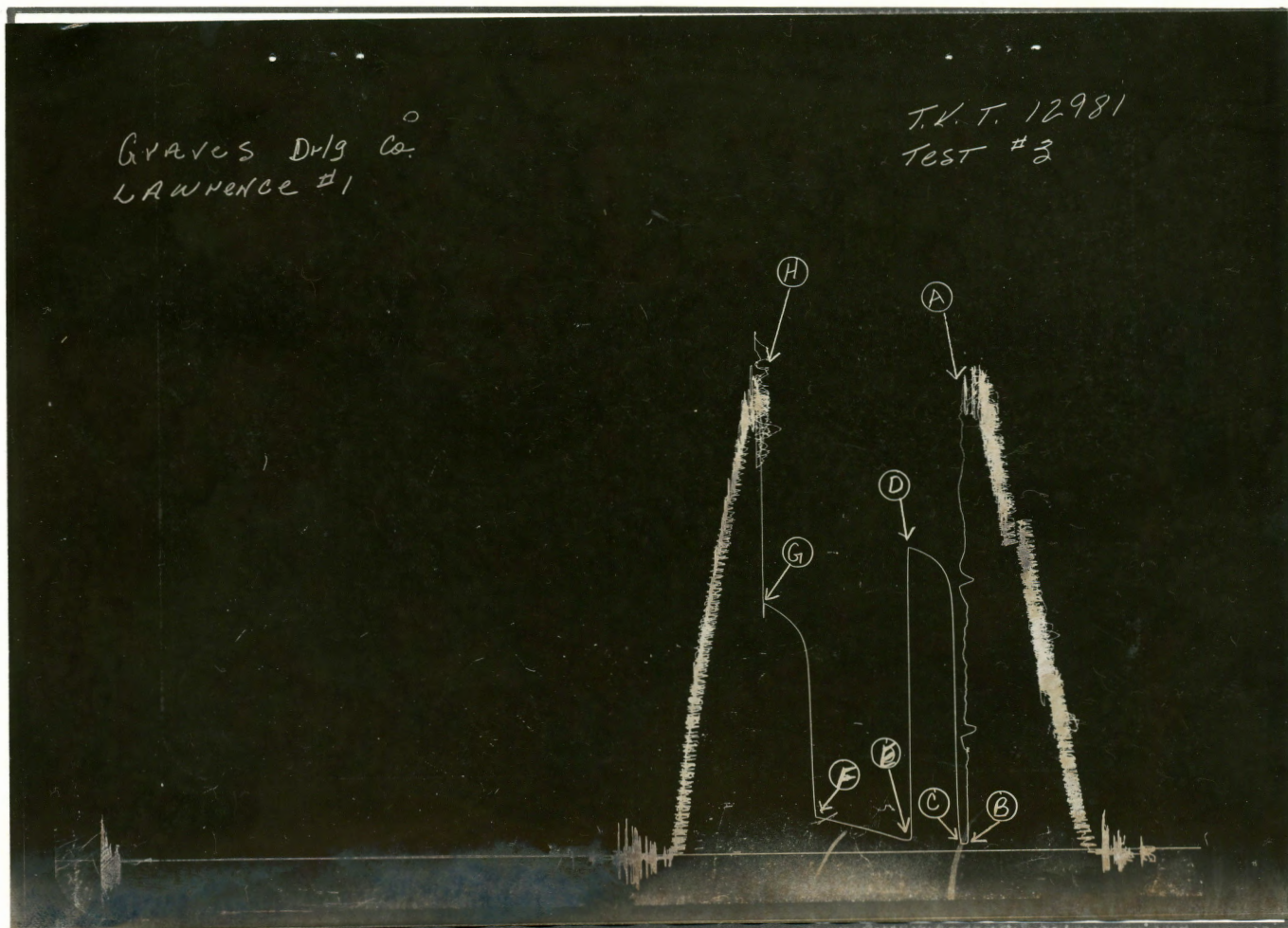
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2348</u> P.S.I.	Open Tool	<u>3:37P</u>	<u>M</u>
B First Initial Flow Pressure	<u>37</u> P.S.I.	First Flow Pressure	<u>5</u> Mins.	<u>5</u> Mins.
C First Final Flow Pressure	<u>40</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>33</u> Mins.
D Initial Closed-in Pressure	<u>1580</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>61</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>33</u> Mins.
F Second Final Flow Pressure	<u>189</u> P.S.I.			
G Final Closed-in Pressure	<u>1299</u> P.S.I.			
H Final Hydrostatic Mud	<u>2330</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>1</u> Inc. of <u>5</u> mins. and a final inc. of <u> </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>12</u> Inc. of <u>5</u> mins. and a final inc. of <u> </u> Min.		Final Shut-In Breakdown: <u>11</u> Inc. of <u>3</u> mins. and a final inc. of <u> </u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>37</u>	<u>0</u>	<u>40</u>	<u>0</u>	<u>61</u>	<u>0</u>	<u>189</u>
P 2 <u>5</u>	<u>40</u>	<u>3</u>	<u>478</u>	<u>5</u>	<u>63</u>	<u>3</u>	<u>492</u>
P 3 <u> </u>	<u> </u>	<u>6</u>	<u>1187</u>	<u>10</u>	<u>78</u>	<u>6</u>	<u>853</u>
P 4 <u> </u>	<u> </u>	<u>9</u>	<u>1413</u>	<u>15</u>	<u>89</u>	<u>9</u>	<u>1074</u>
P 5 <u> </u>	<u> </u>	<u>12</u>	<u>1467</u>	<u>20</u>	<u>101</u>	<u>12</u>	<u>1146</u>
P 6 <u> </u>	<u> </u>	<u>15</u>	<u>1500</u>	<u>25</u>	<u>116</u>	<u>15</u>	<u>1176</u>
P 7 <u> </u>	<u> </u>	<u>18</u>	<u>1518</u>	<u>30</u>	<u>127</u>	<u>18</u>	<u>1208</u>
P 8 <u> </u>	<u> </u>	<u>21</u>	<u>1536</u>	<u>35</u>	<u>137</u>	<u>21</u>	<u>1229</u>
P 9 <u> </u>	<u> </u>	<u>24</u>	<u>1552</u>	<u>40</u>	<u>149</u>	<u>24</u>	<u>1248</u>
P10 <u> </u>	<u> </u>	<u>27</u>	<u>1562</u>	<u>45</u>	<u>161</u>	<u>27</u>	<u>1264</u>
P11 <u> </u>	<u> </u>	<u>30</u>	<u>1573</u>	<u>50</u>	<u>172</u>	<u>30</u>	<u>1280</u>
P12 <u> </u>	<u> </u>	<u>33</u>	<u>1580</u>	<u>55</u>	<u>182</u>	<u>33</u>	<u>1299</u>
P13 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>60</u>	<u>189</u>	<u> </u>	<u> </u>
P14 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
P15 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
P16 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
P17 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
P18 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
P19 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
P20 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GRAVES Dr/g Co.
LAWRENCE #1

T.K. T. 12981
TEST #3



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2310	2348	PSI
(B) First Initial Flow Pressure	33	37	PSI
(C) First Final Flow Pressure	33	40	PSI
(D) Initial Closed-in Pressure	1590	1580	PSI
(E) Second Initial Flow Pressure	60	61	PSI
(F) Second Final Flow Pressure	190	189	PSI
(G) Final Closed-in Pressure	1300	1299	PSI
(H) Final Hydrostatic Mud	2302	2330	PSI