



INC.

P. O. Box 1599
Wichita, Kansas 67201

Company Lee Phillips Oil, Co. Lease & Well No. Hostetler #1
Elevation - Formation Topeka Effective Pay - Ft. Ticket No. 22015
Date 6-9-76 Sec. 9 Twp. 32S Range 6W County Harper State Kansas
Test Approved by Charles R. King Western Representative C. Wayne Fredricks
Formation Test No. 1 O.K. - Misrun X Interval Tested From 2788' to 2814' Total Depth 3050'
Size Main Hole 77/8 Rat Hole - Conv. X B.T. - Damaged - Yes X No Conv. - B.T. X Damaged - Yes X No
Top Packer Depth 2783 Ft. Size 6 3/4 Bottom Packer Depth 2788 Ft. Size 6 3/4
Straddle X Conv. - B.T. X Damaged - Yes X No Packer Depth 2814 Ft. Size 6 3/4
Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 26 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 2803 Ft. Clock No. 6799 Depth 2805 Ft. Clock No. 8376
Top Make Kuster Cap. 4150 No. 2606 Inside Bottom Make Kuster Cap. 4000 No. 3351 Inside
Below Straddle: Depth 3049 Rec. No. - Clock No. - Inside Depth - Ft. Rec. No. - Clock No. - Inside
Time Set Packer 3:58 A M
Tool Open I.F.P. From 4:00 A.M. to 4:30 A.M. - Hr. 30 Min. From (B) - P.S.I. To (C) - P.S.I.
Tool Closed I.C.I.P. From 4:30 A.M. to 5:30 A.M. 1 Hr. - Min (D) - P.S.I.
Tool Open F.F.P. From 5:30 A.M. to 6:30 A.M. 1 Hr. - Min. From (E) - P.S.I. To (F) - P.S.I.
Tool Closed F.C.I.P. From 6:30 A.M. to 7:30 A.M. 1 Hr. - Min. (G) - P.S.I.
Initial Hydrostatic Pressure (A) 1467 P.S.I. Final Hydrostatic Pressure (H) 1407 P.S.I. Maximum Temp. -

INFORMATION

BLOW Blow was strong, then weaker and surged again.

Did Well Flow - Yes X No Recovery Total Ft. 2200' drilling mud.

Reversed Out - Yes X No Mud Type starch Viscosity 40 Weight 9.5 Water Loss - cc. Chlorides 3600 P.P.M.

EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint No Jars: Size 3 1/2 In. Make WTC Ser. No. 402

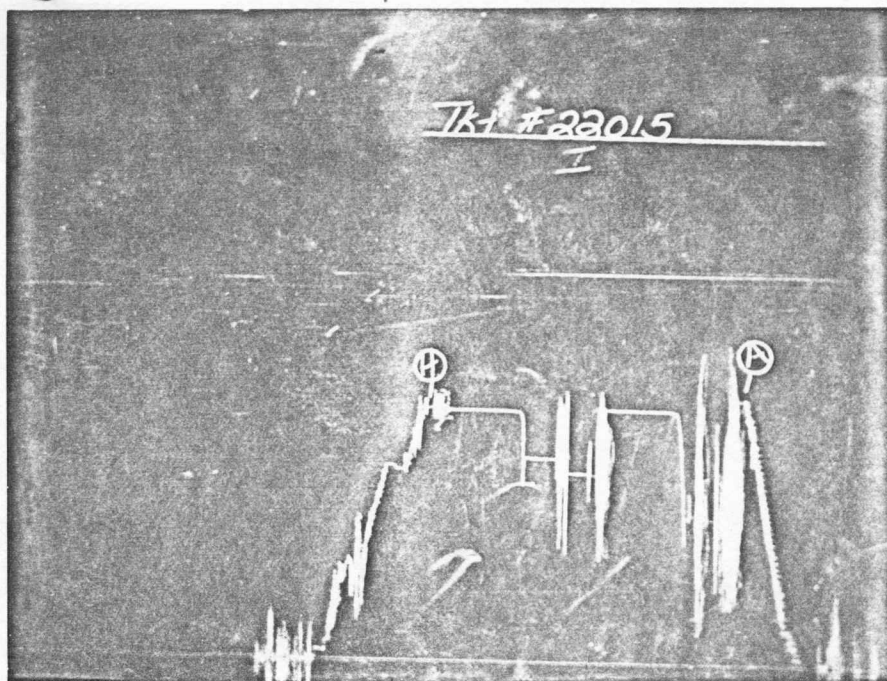
Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where? -

DRILLING CONTRACTOR Sweetman Drlg. Inc. Length Drill Pipe? - Ft. I.D. Drill Pipe - In. Tool Joint Size - In.

Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 527 Ft. I.D. Drill Collars 2 1/4 In.

Tool Joint Size 4H90 In. Length D.S.T. Tool 70 Ft.

Remarks: This test looks like it has a vertical fracture.



This is an actual photograph of recorder chart.

PRESSURE

POINT	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	No Pressures, Misrun	1467 PSI
(B) First Initial Flow Pressure		PSI
(C) First Final Flow Pressure		PSI
(D) Initial Closed-in Pressure		PSI
(E) Second Initial Flow Pressure		PSI
(F) Second Final Flow Pressure		PSI
(G) Final Closed-in Pressure		PSI
(H) Final Hydrostatic Mud		1407 PSI



INC.

P. O. Box 1599
Wichita, Kansas 67201

Company Lee Phillips Oil Co. Lease & Well No. Hostetler #1
Elevation - Formation Mississippi Effective Pay - Ft. Ticket No. 22017
Date 6-13-76 Sec. 9 Twp. 32S Range 6W County Harper State Kansas
Test Approved by Charles R. King Western Representative C. Wayne Fredrick
Formation Test No. 2 O.K. ☒ Misrun ☐ Interval Tested From 4306' to 4323' Total Depth 4323'
Size Main Hole 7 7/8 Rat Hole ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No
Top Packer Depth 4313 Ft. Size 6 3/4 Bottom Packer Depth 4315 Ft. Size 6 3/4
Straddle ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No Packer Depth - Ft. Size -
Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 17 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 4209 Ft. Clock No. 6799 Depth 4211 Ft. Clock No. 8376
Top Make Kuster Cap. 4150 No. 2606 ~~Inside~~ Outside Bottom Make Kuster Cap. 4000 No. 3351 ~~Inside~~ Outside
Below Straddle: Depth - Rec. No. - Clock No. - ~~Inside~~ Outside Depth - Ft. Rec. No. - Clock No. - ~~Inside~~ Outside
Time Set Packer 5:23 A.M.
Tool Open I.F.P. From 5:25 A.M. to 5:55 A.M. - Hr. 30 Min. From (B) 42 P.S.I. To (C) 48 P.S.I.
Tool Closed I.C.I.P. From 5:55 A.M. to 6:55 A.M. - Hr. 60 Min (D) 1729 P.S.I.
Tool Open F.F.P. From 6:55 A.M. to 7:55 A.M. - Hr. 60 Min. From (E) 50 P.S.I. To (F) 46 P.S.I.
Tool Closed F.C.I.P. From 7:55 A.M. to 8:55 A.M. - Hr. 60 Min. (G) 1718 P.S.I.
Initial Hydrostatic Pressure (A) 2318 P.S.I. Final Hydrostatic Pressure (H) 2268 P.S.I. Maximum Temp. 138

INFORMATION

BLOW Strong blow throughout test. Gas to surface in 25 minutes on initial flow period.

Did Well Flow - Yes ☒ No ☐ Recovery Total Ft. 75' slightly gas cut mud.

Reversed Out - Yes ☒ No ☐ Mud Type Starch Viscosity 50 Weight 9.5 Water Loss 10 cc. Chlorides 38000 P.P.M.

EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint - Jars: Size - In. Make - Ser. No. -

Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? NO Where? -

DRILLING CONTRACTOR Sweetman Drlg. Co. Length Drill Pipe? 3973 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 FH In.

Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 316 Ft. I.D. Drill Collars 2 1/4 In.

Tool Joint Size 4 H-90 In. Length D.S.T. Tool 34 Ft.

Remarks: Breakdown on mud sample (Bottom of fill up) - 50% water (55,000 P.P.M. Chlorides)

WESTERN TESTING CO., INC.

Pressure Data

Date 6-13-76

Test Ticket No. 22017

Recorder No. 2606 Capacity 4150 Location 4209 Ft.

Clock No. 6799 Elevation - Well Temperature 138 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2318</u> P.S.I.	Open Tool	<u>5:23</u> A M	
B First Initial Flow Pressure	<u>42</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>48</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>57</u> Mins.
D Initial Closed-in Pressure	<u>1729</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>50</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>46</u> P.S.I.			
G Final Closed-in Pressure	<u>1718</u> P.S.I.			
H Final Hydrostatic Mud	<u>2263</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>19</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>20</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>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>42</u>	<u>0</u>	<u>48</u>	<u>0</u>	<u>50</u>	<u>0</u>	<u>46</u>
P 2 <u>5</u>	<u>37</u>	<u>3</u>	<u>624</u>	<u>5</u>	<u>40</u>	<u>3</u>	<u>614</u>
P 3 <u>10</u>	<u>40</u>	<u>6</u>	<u>1050</u>	<u>10</u>	<u>40</u>	<u>6</u>	<u>1050</u>
P 4 <u>15</u>	<u>44</u>	<u>9</u>	<u>1342</u>	<u>15</u>	<u>40</u>	<u>9</u>	<u>1319</u>
P 5 <u>20</u>	<u>48</u>	<u>12</u>	<u>1490</u>	<u>20</u>	<u>39</u>	<u>12</u>	<u>1471</u>
P 6 <u>25</u>	<u>48</u>	<u>15</u>	<u>1563</u>	<u>25</u>	<u>39</u>	<u>15</u>	<u>1553</u>
P 7 <u>30</u>	<u>48</u>	<u>18</u>	<u>1626</u>	<u>30</u>	<u>40</u>	<u>18</u>	<u>1601</u>
P 8		<u>21</u>	<u>1653</u>	<u>35</u>	<u>41</u>	<u>21</u>	<u>1634</u>
P 9		<u>24</u>	<u>1674</u>	<u>40</u>	<u>42</u>	<u>24</u>	<u>1658</u>
P10		<u>27</u>	<u>1687</u>	<u>45</u>	<u>43</u>	<u>27</u>	<u>1672</u>
P11		<u>30</u>	<u>1700</u>	<u>50</u>	<u>44</u>	<u>30</u>	<u>1683</u>
P12		<u>33</u>	<u>1706</u>	<u>55</u>	<u>45</u>	<u>33</u>	<u>1689</u>
P13		<u>36</u>	<u>1712</u>	<u>60</u>	<u>46</u>	<u>36</u>	<u>1695</u>
P14		<u>39</u>	<u>1716</u>			<u>39</u>	<u>1702</u>
P15		<u>42</u>	<u>1718</u>			<u>42</u>	<u>1704</u>
P16		<u>45</u>	<u>1723</u>			<u>45</u>	<u>1708</u>
P17		<u>47</u>	<u>1725</u>			<u>48</u>	<u>1710</u>
P18		<u>51</u>	<u>1726</u>			<u>51</u>	<u>1714</u>
P19		<u>54</u>	<u>1727</u>			<u>54</u>	<u>1716</u>
P20		<u>57</u>	<u>1729</u>			<u>57</u>	<u>1717</u>
						<u>60</u>	<u>1718</u>



INC.

P. O. Box 1599

Wichita, Kansas 67201

GAS FLOW REPORT

Date 6-13-76 Ticket 22017 Company Lee Phillips Oil Co.
Well Name and No. Hostetler #1 Dst No. 2 Interval Tested 4306' - 4323'
County Harper State Kansas Sec. 9 Twp. 32S Rg. 6W

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
PRE FLOW						

SECOND FLOW						
7:05 AM	10min.	23 inches	of water		3/4"choke	67,500 C.F.P.D.
7:15 AM	20min.	19 inches	of water		3/4"choke	61,900 C.F.P.D.
7:25 AM	30min.	20 inches	of water		3/4"choke	63,500 C.F.P.D.
7:35 AM	40min.	20 inches	of water		3/4"choke	63,500 C.F.P.D.
7:45 AM	50min.	22 inches	of water		3/4"choke	66,600 C.F.P.D.
7:55 AM	60min.	22 inches	of water		3/4"choke	66,600 C.F.P.D.

GAS BOTTLE

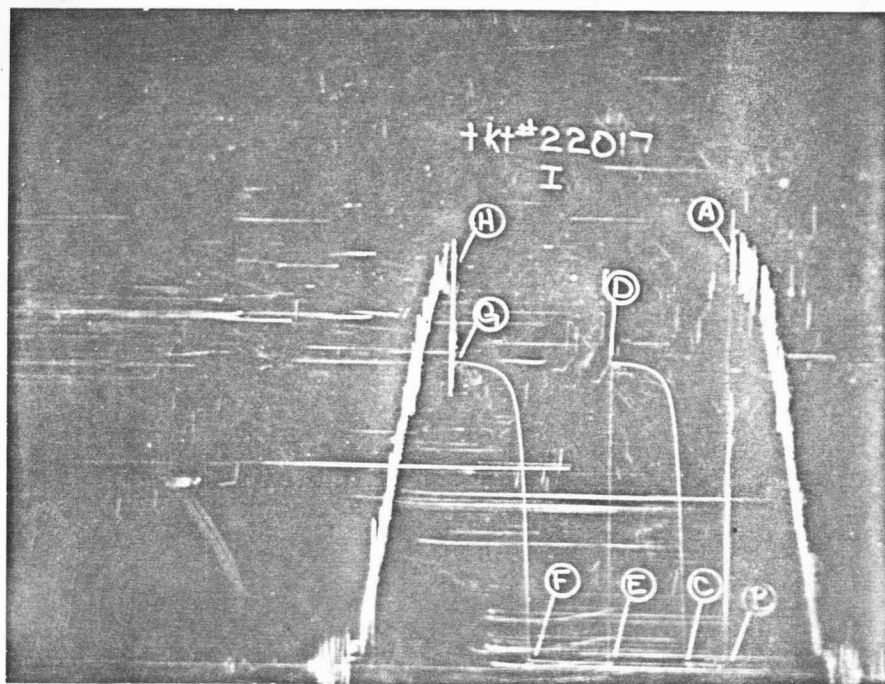
Serial No. _____ Date Bottle Filled 6-13-76 Date to be Invoiced 6-13-76

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1% per month, equal to 12% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME Lee Phillips Oil Co.

Authorized by Charles R. King



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	2135	2318 PSI
(B) First Initial Flow Pressure	31	42 PSI
(C) First Final Flow Pressure	41	48 PSI
(D) Initial Closed-in Pressure	1716	1729 PSI
(E) Second Initial Flow Pressure	41	50 PSI
(F) Second Final Flow Pressure	41	46 PSI
(G) Final Closed-in Pressure	1716	1718 PSI
(H) Final Hydrostatic Mud	2135	2263 PSI



INC.

P. O. Box 1599
Wichita, Kansas 67201

Company Lee Phillips Oil Co. Lease & Well No. Hostetler #1
Elevation - Formation Mississippi Effective Pay - Ft. Ticket No. 22018
Date 6-13-76 Sec. 9 Twp. 32S Range 6W County Harper State Kansas
Test Approved by - Western Representative C. Wayne Fredricks
Formation Test No. 3 O.K. ☒ Misrun ☐ Interval Tested From 4323' to 4340' Total Depth 4340'
Size Main Hole 77/8 Rat Hole ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No
Top Packer Depth 4318 Ft. Size 6 3/4 Bottom Packer Depth 4323 Ft. Size 6 3/4
Straddle ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No Packer Depth - Ft. Size -
Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 17 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 4329 Ft. Clock No. 6799 Depth 4331 Ft. Clock No. 8376
Top Make Kuster Cap. 4150 No. 2606 Inside Bottom Make Kuster Cap. 4000 No. 3351 Inside
Below Straddle: Depth - Rec. No. - Clock No. - Inside Depth - Ft. Rec. No. - Clock No. - Inside
Time Set Packer 8:24 P M
Tool Open I.F.P. From 8:26 P.M. to 8:56 P.M. - Hr. 30 Min. From (B) 131 P.S.I. To (C) 156 P.S.I.
Tool Closed I.C.I.P. From 8:56 M. to 9:56 P.M. 1 Hr. - Min (D) 1771 P.S.I.
Tool Open F.F.P. From 9:56 P.M. to 10:56 P.M. 1 Hr. - Min. From (E) 193 P.S.I. To (F) 150 P.S.I.
Tool Closed F.C.I.P. From 10:56 M. to 11:56 P.M. 1 Hr. - Min. (G) 1588 P.S.I.
Initial Hydrostatic Pressure (A) 2282 P.S.I. Final Hydrostatic Pressure (H) 2230 P.S.I. Maximum Temp. 138

INFORMATION

BLOW Strong blow throughout test.Did Well Flow - Yes ☒ No ☐ Recovery Total Ft. 270' drilling mud.Reversed Out - Yes ☒ No ☐ Mud Type starch Viscosity 42 Weight 9.9 Water Loss 7.2 cc. Chlorides 38,000 P.P.M.EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint - Jars: Size - In. Make - Ser. No. -Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? plugging action Where? AnchorDRILLING CONTRACTOR Sweetman Drlg. Length Drill Pipe? 3973 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 FH In.Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 316 Ft. I.D. Drill Collars 2 1/4 In.Tool Joint Size 4H90 In. Length D.S.T. Tool 24 Ft.Remarks: Hit 3 bridges going in hole. Slid tool 15' to bottom when open. Tool slid throughout initial opening and initial shut in - vey showly mud sample checked - 10% water-Chlorides 35,000 P.P.M.

WESTERN TESTING CO., INC.

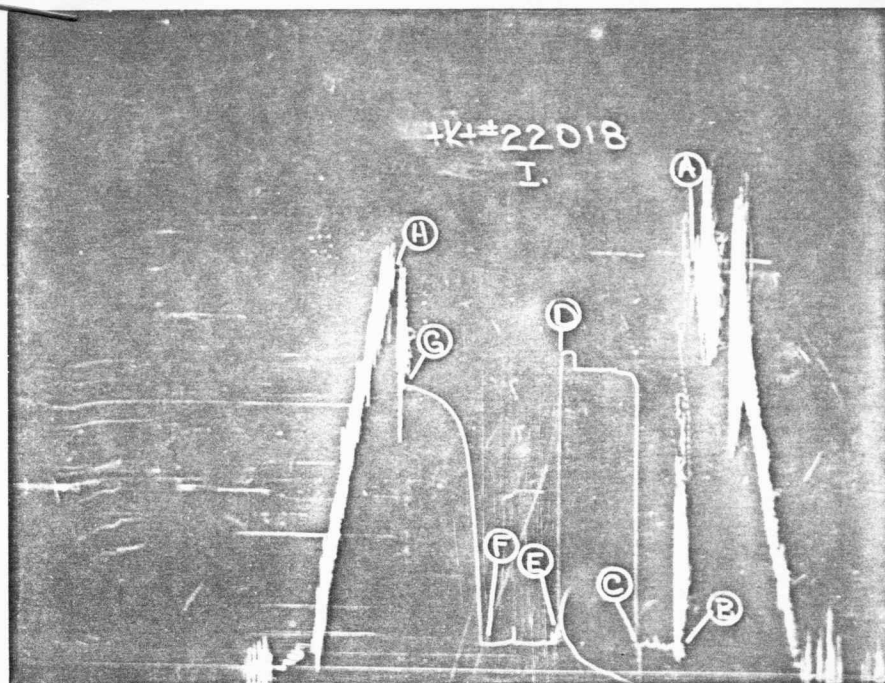
Pressure Data

Date 6-13-76Test Ticket No. 22018Recorder No. 2606 Capacity 4150 Location 4329 Ft.Clock No. 6799 Elevation - Well Temperature 138 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2282</u> P.S.I.	Open Tool	<u>8:24 P M</u>	
B First Initial Flow Pressure	<u>131</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>156</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>1771</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>193</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>63</u> Mins.
F Second Final Flow Pressure	<u>150</u> P.S.I.			
G Final Closed-in Pressure	<u>1588</u> P.S.I.			
H Final Hydrostatic Mud	<u>2230</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>21</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>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>131</u>	<u>0</u>	<u>156</u>	<u>0</u>	<u>193</u>	<u>0</u>	<u>150</u>
P 2 <u>5</u>	<u>146</u>	<u>3</u>	<u>1611</u>	<u>5</u>	<u>162</u>	<u>3</u>	<u>477</u>
P 3 <u>10</u>	<u>146</u>	<u>6</u>	<u>1658</u>	<u>10</u>	<u>156</u>	<u>6</u>	<u>771</u>
P 4 <u>15</u>	<u>150</u>	<u>9</u>	<u>1666</u>	<u>15</u>	<u>154</u>	<u>9</u>	<u>965</u>
P 5 <u>20</u>	<u>154</u>	<u>12</u>	<u>1670</u>	<u>20</u>	<u>154</u>	<u>12</u>	<u>1149</u>
P 6 <u>25</u>	<u>155</u>	<u>15</u>	<u>1674</u>	<u>25</u>	<u>154</u>	<u>15</u>	<u>1261</u>
P 7 <u>30</u>	<u>156</u>	<u>18</u>	<u>1683</u>	<u>30</u>	<u>158</u>	<u>18</u>	<u>1338</u>
P 8		<u>21</u>	<u>1689</u>	<u>35</u>	<u>168</u>	<u>21</u>	<u>1388</u>
P 9		<u>24</u>	<u>1689</u>	<u>40</u>	<u>156</u>	<u>24</u>	<u>1423</u>
P10		<u>27</u>	<u>1687</u>	<u>45</u>	<u>152</u>	<u>27</u>	<u>1454</u>
P11		<u>30</u>	<u>1687</u>	<u>50</u>	<u>148</u>	<u>30</u>	<u>1477</u>
P12		<u>33</u>	<u>1688</u>	<u>55</u>	<u>148</u>	<u>33</u>	<u>1496</u>
P13		<u>36</u>	<u>1688</u>	<u>60</u>	<u>150</u>	<u>36</u>	<u>1511</u>
P14		<u>39</u>	<u>1688</u>			<u>39</u>	<u>1523</u>
P15		<u>42</u>	<u>1688</u>			<u>42</u>	<u>1534</u>
P16		<u>45</u>	<u>1688</u>			<u>45</u>	<u>1544</u>
P17		<u>48</u>	<u>1688</u>			<u>48</u>	<u>1553</u>
P18		<u>51</u>	<u>1781</u>			<u>51</u>	<u>1559</u>
P19		<u>54</u>	<u>1786</u>			<u>54</u>	<u>1567</u>
P20		<u>57</u>	<u>1781</u>			<u>57</u>	<u>1574</u>
WTC - 4		<u>60</u>	<u>1771</u>			<u>60</u>	<u>1580</u>
						<u>63</u>	<u>1588</u>



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2229	2282	PSI
(B) First Initial Flow Pressure	124	131	PSI
(C) First Final Flow Pressure	145	156	PSI
(D) Initial Closed-in Pressure	1768	1771	PSI
(E) Second Initial Flow Pressure	156	193	PSI
(F) Second Final Flow Pressure	156	150	PSI
(G) Final Closed-in Pressure	1569	1588	PSI
(H) Final Hydrostatic Mud	2229	2230	PSI



INC.

P. O. Box 1599
Wichita, Kansas 67201

Company Lee Phillips Oil Co. Lease & Well No. Hostetler #1
Elevation 1382 Kelly Bushing Formation Simpson Effective Pay - Ft. Ticket No. 22019
Date 6-15-76 Sec. 9 Twp. 32S Range 6W County Harper State Kansas
Test Approved by R.K. Sweetman Western Representative C. Wayne Fredrick
Formation Test No. 4 O.K. ☒ Misrun ☐ Interval Tested From 4707' to 4715' Total Depth 4715'
Size Main Hole 77/8 Rat Hole ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No
Top Packer Depth 4702 Ft. Size 6 3/4 Bottom Packer Depth 4707 Ft. Size 6 3/4
Straddle ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No Packer Depth ☐ Ft. Size ☐
Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 8 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 4712 Ft. Clock No. 6799 Depth 4715 Ft. Clock No. 8376
Top Make Kuster Cap. 4150 No. 2606 ☐ Inside ☒ Outside Bottom Make Kuster Cap. 4000 No. 3351 ☐ Inside ☒ Outside
Below Straddle: Depth ☐ Rec. No. ☐ Clock No. ☐ ☐ Inside ☒ Outside Depth ☐ Ft. Rec. No. ☐ Clock No. ☐ ☐ Inside ☒ Outside
Time Set Packer 1:42 P.M.
Tool Open I.F.P. From 1:44 P.M. to 2:10 P.M. - Hr. 34 Min. From (B) 333 P.S.I. To (C) 742 P.S.I.
Tool Closed I.C.I.P. From 2:10 P.M. to 4:24 P.M. 2 Hr. 14 Min (D) 1767 P.S.I.
Tool Open F.F.P. From 4:24 P.M. to 5:24 P.M. 1 Hr. - Min. From (E) 620 P.S.I. To (F) 1332 P.S.I.
Tool Closed F.C.I.P. From 5:24 P.M. to 6:15 P.M. - Hr. 49 Min. (G) 1776 P.S.I.
Initial Hydrostatic Pressure (A) 2524 P.S.I. Final Hydrostatic Pressure (H) 2524 P.S.I. Maximum Temp. 120

INFORMATION

BLOW Strong blow throughout test. Gas to surface in 7 minutes in initial flow period.
Oil to surface in 15 minutes in initial flow period. Oil to surface in 5 minutes in final flow period.
Did Well Flow ☒ Yes ☐ No Recovery Total Ft. 300' Oil & Gas Cut Mud below circulating sub.

Reversed Out ☒ Yes ☐ No Mud Type starch Viscosity 52 Weight 9.7 Water Loss 6.4 cc. Chlorides 41,000 P.P.M.

EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint ☐ Jars: Size ☐ In. Make ☐ Ser. No. ☐

Dual Packer ☒ Yes Did Packers Hold? ☒ Yes Did Tool Plug? ☐ No Where? ☐

DRILLING CONTRACTOR Sweetman Drlg. Length Drill Pipe? 4373 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 FH In.

Length Weight Pipe ☐ Ft. I.D. Weight Pipe ☐ In. Tool Joint Size ☐ In. Length Drill Collars 315 Ft. I.D. Drill Collars 2 1/4 In.

Tool Joint Size 4H90 In. Length D.S.T. Tool 21 Ft.

Remarks:

WESTERN TESTING CO., INC.

Pressure Data

Date 6-15-76

Test Ticket No. 22019

Recorder No. 2606 Capacity 4150 Location 4712 Ft.

Clock No. 6799 Elevation 1382 Kelly Bushing Well Temperature 120 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	P.S.I.	Open Tool		M
B First Initial Flow Pressure	P.S.I.	First Flow Pressure	Mins.	Mins.
C First Final Flow Pressure	P.S.I.	Initial Closed-in Pressure	Mins.	Mins.
D Initial Closed-in Pressure	P.S.I.	Second Flow Pressure	Mins.	Mins.
E Second Initial Flow Pressure	P.S.I.	Final Closed-in Pressure	Mins.	Mins.
F Second Final Flow Pressure	P.S.I.			
G Final Closed-in Pressure	P.S.I.			
H Final Hydrostatic Mud	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.	
of _____ mins. and a		of _____ mins. and a		of _____ mins. and a		of _____ mins. and a	
final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1		66	1764				
P 2		69	1764				
P 3		72	1764				
P 4		75	1764				
P 5		78	1764				
P 6		81	1764				
P 7		84	1765				
P 8		87	1765				
P 9		90	1765				
P10		93	1765				
P11		96	1765				
P12		99	1765				
P13		102	1765				
P14		105	1765				
P15		108	1766				
P16		111	1766				
P17		114	1766				
P18		117	1766				
P19		120	1766				
P20		123	1766				
		126	1766				
		129	1766				
		131	1767				

WESTERN TESTING CO., INC.

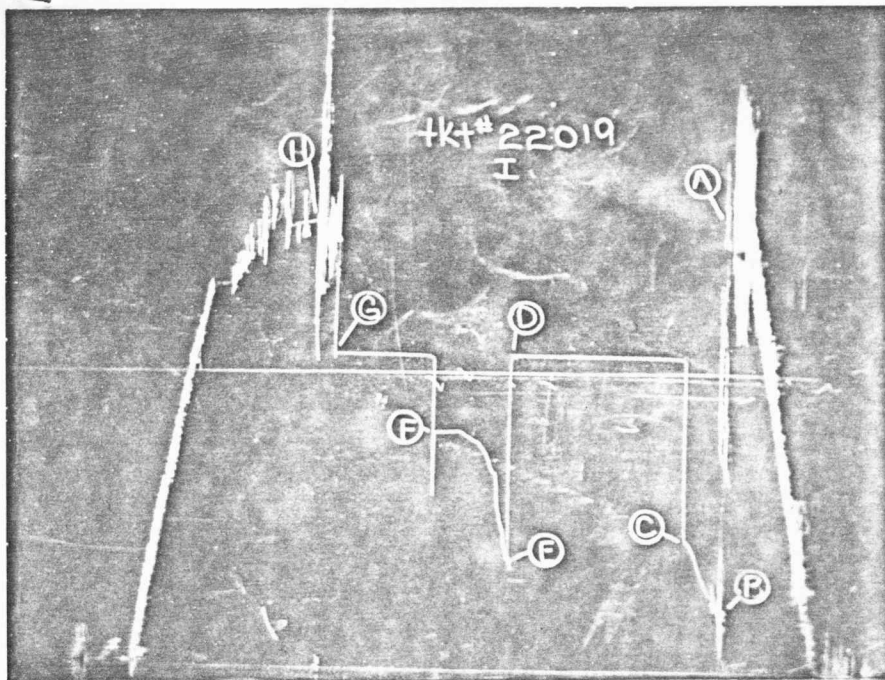
Pressure Data

ite 6-15-76 Test Ticket No. 22019
 order No. 2606 Capacity 4150 Location 4712 Ft.
 ock No. 6799 Elevation 1382 Kelly Bushing Well Temperature 120 °F

int	Pressure		Time Given	Time Computed
Initial Hydrostatic Mud	<u>2524</u> P.S.I.	Open Tool	<u>1:42</u> P M	
First Initial Flow Pressure	<u>333</u> P.S.I.	First Flow Pressure	<u>34</u> Mins.	<u>30</u> Mins.
First Final Flow Pressure	<u>742</u> P.S.I.	Initial Closed-in Pressure	<u>134</u> Mins.	<u>134</u> Mins.
Initial Closed-in Pressure	<u>1767</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
Second Initial Flow Pressure	<u>620</u> P.S.I.	Final Closed-in Pressure	<u>49</u> Mins.	<u>48</u> Mins.
Second Final Flow Pressure	<u>1332</u> P.S.I.			
Final Closed-in Pressure	<u>1766</u> P.S.I.			
Final Hydrostatic Mud	<u>2524</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>45</u> Inc.		Breakdown: <u>12</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>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
int ins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
1 <u>0</u>	<u>333</u>	<u>0</u>	<u>742</u>	<u>0</u>	<u>620</u>	<u>0</u>	<u>1332</u>
2 <u>5</u>	<u>421</u>	<u>3</u>	<u>1748</u>	<u>5</u>	<u>798</u>	<u>3</u>	<u>1756</u>
3 <u>10</u>	<u>448</u>	<u>6</u>	<u>1756</u>	<u>10</u>	<u>1101</u>	<u>6</u>	<u>1760</u>
4 <u>15</u>	<u>531</u>	<u>9</u>	<u>1760</u>	<u>15</u>	<u>1170</u>	<u>9</u>	<u>1763</u>
5 <u>20</u>	<u>647</u>	<u>12</u>	<u>1762</u>	<u>20</u>	<u>1242</u>	<u>12</u>	<u>1763</u>
6 <u>25</u>	<u>717</u>	<u>15</u>	<u>1762</u>	<u>25</u>	<u>1280</u>	<u>15</u>	<u>1763</u>
7 <u>30</u>	<u>742</u>	<u>18</u>	<u>1762</u>	<u>30</u>	<u>1302</u>	<u>18</u>	<u>1763</u>
8		<u>21</u>	<u>1762</u>	<u>35</u>	<u>1327</u>	<u>21</u>	<u>1764</u>
9		<u>24</u>	<u>1762</u>	<u>40</u>	<u>1334</u>	<u>24</u>	<u>1764</u>
0		<u>27</u>	<u>1762</u>	<u>45</u>	<u>1332</u>	<u>27</u>	<u>1764</u>
1		<u>30</u>	<u>1762</u>	<u>50</u>	<u>1329</u>	<u>30</u>	<u>1765</u>
2		<u>33</u>	<u>1762</u>	<u>55</u>	<u>1331</u>	<u>33</u>	<u>1765</u>
3		<u>36</u>	<u>1763</u>	<u>60</u>	<u>1332</u>	<u>36</u>	<u>1765</u>
4		<u>39</u>	<u>1763</u>			<u>39</u>	<u>1766</u>
5		<u>42</u>	<u>1763</u>			<u>42</u>	<u>1766</u>
6		<u>45</u>	<u>1763</u>			<u>45</u>	<u>1766</u>
7		<u>48</u>	<u>1763</u>			<u>48</u>	<u>1766</u>
8		<u>51</u>	<u>1763</u>				
9		<u>54</u>	<u>1763</u>				
0		<u>57</u>	<u>1763</u>				
1		<u>60</u>	<u>1764</u>				
2		<u>63</u>	<u>1764</u>				



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2539	2524	PSI
(B) First Initial Flow Pressure	72	333	PSI
(C) First Final Flow Pressure	727	742	PSI
(D) Initial Closed-in Pressure	1747	1767	PSI
(E) Second Initial Flow Pressure	603	620	PSI
(F) Second Final Flow Pressure	1319	1332	PSI
(G) Final Closed-in Pressure	1758	1766	PSI
(H) Final Hydrostatic Mud	2502	2524	PSI