



P. O. BOX 1599
WICHITA, KANSAS 67201

Company Robert R. Price Lease & Well No. Cave #6
Elevation 1984 Rotary Bush Formation Toronto Effective Pay - Ft. Ticket No. 20623
Date 1-7-75 Sec. 8 Twp. 11S Range 18W County Ellis State Kansas
Test Approved by Bill R. Longpine Western Representative Dennis Sporing
Formation Test No. 1 O.K. ☒ Misrun ☐ Interval Tested From 3180' to 3215' Total Depth 3215'
Size Main Hole 7 7/8 Rat Hole ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No
Top Packer Depth 3175 Ft. Size 6 3/4 Bottom Packer Depth 3180 Ft. Size 6 3/4
Straddle No 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 35 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 3207 Ft. Clock No. 6896 Depth 3210 Ft. Clock No. 6893
Top Make Kuster Cap. 4500 No. 3086 Inside Outside Bottom Make Kuster Cap. 4200 No. 1558 Inside Outside
Below Straddle: Depth No Rec. No. - Clock No. - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside
Time Set Packer 8:01 P.M
Tool Open I.F.P. From 8:04P M. to 8:09P M. - Hr. 5 Min. From (B) 38 P.S.I. To (C) 38 P.S.I.
Tool Closed I.C.I.P. From 8:09P M. to 8:39P M. - Hr. 30 Min (D) 988 P.S.I.
Tool Open F.F.P. From 8:39P M. to 9:39P M. - Hr. 60 Min. From (E) 64 P.S.I. To (F) 121 P.S.I.
Tool Closed F.C.I.P. From 9:39P M. to 10:24P M. - Hr. 45 Min. (G) 886 P.S.I.
Initial Hydrostatic Pressure (A) 1698 P.S.I. Final Hydrostatic Pressure (H) 1601 P.S.I. Maximum Temp. 104

INFORMATION

BLOW Fair throughout test

Did Well Flow ☐ Yes ☒ No Recovery Total Ft. 180' heavy oil cut mud, 60' oil spotted water

Reversed Out ☐ Yes ☒ No Mud Type Starch Viscosity 38 Weight 9.7 Water Loss 14.8 cc. Chlorides -

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

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

DRILLING CONTRACTOR Emphasis Oil Operations Length Drill Pipe? 3160' I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 I

Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars - Ft. I.D. Drill Collars - I

Tool Joint Size - In. Length D.S.T. Tool 55 Ft.

Remarks:

WESTERN TESTING CO., INC.

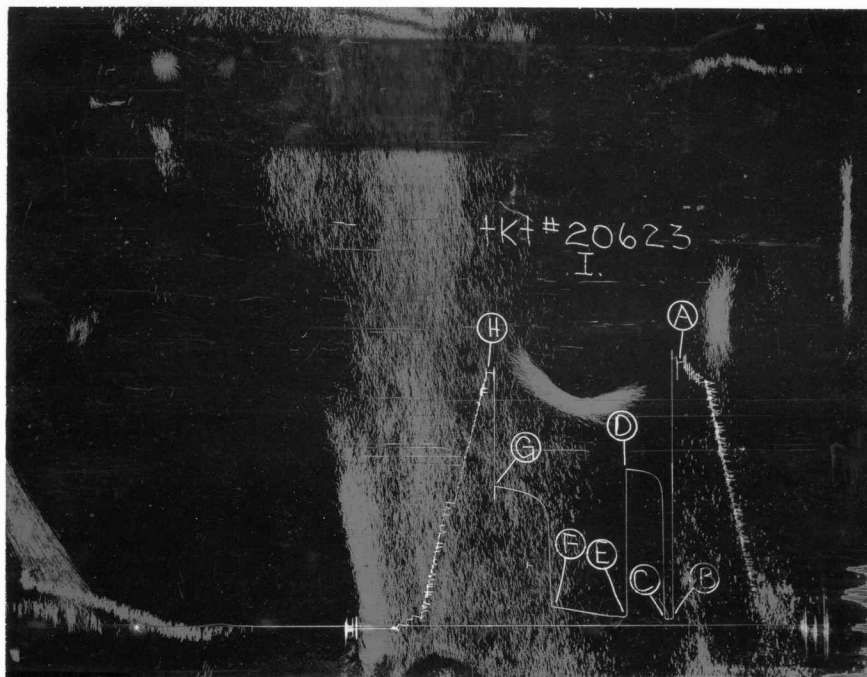
Pressure Data

Date 1-7-75 Test Ticket No. 20623
 Recorder No. 3086 Capacity 4500 Location 3207 Ft.
 Clock No. 6896 Elevation 1984 Rotary Bushings Well Temperature 104 °F

Point	Pressure		Time Given	P	M	Time Computed
A Initial Hydrostatic Mud	1698	P.S.I.	8:01			
B First Initial Flow Pressure	38	P.S.I.	5			5 Mins.
C First Final Flow Pressure	38	P.S.I.	30			30 Mins.
D Initial Closed-in Pressure	988	P.S.I.	60			60 Mins.
E Second Initial Flow Pressure	64	P.S.I.	45			45 Mins.
F Second Final Flow Pressure	121	P.S.I.				
G Final Closed-in Pressure	886	P.S.I.				
H Final Hydrostatic Mud	1601	P.S.I.				

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>2</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>12</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>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>38</u>	<u>0</u>	<u>38</u>	<u>0</u>	<u>64</u>	<u>0</u>	<u>121</u>
P 2 <u>5</u>	<u>38</u>	<u>3</u>	<u>85</u>	<u>5</u>	<u>54</u>	<u>3</u>	<u>651</u>
P 3 <u>10</u>		<u>6</u>	<u>930</u>	<u>10</u>	<u>57</u>	<u>6</u>	<u>751</u>
P 4 <u>15</u>		<u>9</u>	<u>951</u>	<u>15</u>	<u>62</u>	<u>9</u>	<u>786</u>
P 5 <u>20</u>		<u>12</u>	<u>965</u>	<u>20</u>	<u>66</u>	<u>12</u>	<u>807</u>
P 6 <u>25</u>		<u>15</u>	<u>972</u>	<u>25</u>	<u>76</u>	<u>15</u>	<u>821</u>
P 7 <u>30</u>		<u>18</u>	<u>977</u>	<u>30</u>	<u>82</u>	<u>18</u>	<u>832</u>
P 8		<u>21</u>	<u>981</u>	<u>35</u>	<u>90</u>	<u>21</u>	<u>842</u>
P 9		<u>24</u>	<u>984</u>	<u>40</u>	<u>97</u>	<u>24</u>	<u>851</u>
P10		<u>27</u>	<u>986</u>	<u>45</u>	<u>102</u>	<u>27</u>	<u>858</u>
P11		<u>30</u>	<u>988</u>	<u>50</u>	<u>111</u>	<u>30</u>	<u>863</u>
P12				<u>55</u>	<u>116</u>	<u>33</u>	<u>869</u>
P13				<u>60</u>		<u>36</u>	<u>874</u>
P14						<u>39</u>	<u>878</u>
P15						<u>42</u>	<u>881</u>
P16						<u>45</u>	<u>886</u>
P17							
P18							
P19							
P20							



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1693	1698	PSI
(B) First Initial Flow Pressure	35	38	PSI
(C) First Final Flow Pressure	35	38	PSI
(D) Initial Closed-in Pressure	997	988	PSI
(E) Second Initial Flow Pressure	35	64	PSI
(F) Second Final Flow Pressure	118	121	PSI
(G) Final Closed-in Pressure	881	886	PSI
(H) Final Hydrostatic Mud	1681	1601	PSI



P. O. BOX 1599
WICHITA, KANSAS 67201

Company **Robert R. Price** Lease & Well No. **Cave #6**
Elevation **1984 Kelly Bush** Formation **Lansing** Effective Pay **-** Ft. Ticket No. **20624**
Date **1-8-75** Sec. **8** Twp. **11S** Range **18W** County **Ellis** State **Kansas**
Test Approved by **Robert R. Price** Western Representative **Dennis Sporing**
Formation Test No. **2** O.K. ☒ Misrun ☐ Interval Tested From **3218'** to **3290'** Total Depth **3290'**
Size Main Hole **7 7/8** Rat Hole ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No
Top Packer Depth **3213** Ft. Size **6 3/4** Bottom Packer Depth **3218** Ft. Size **6 3/4**
Straddle **No** 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 **72** Ft. Size **5 1/2 OD** Surface Choke Size **3/4** In. Bottom Choke Size **3/4** In.
RECORDERS Depth **3282** Ft. Clock No. **6896** Depth **3285** Ft. Clock No. **6893**
Top Make **Kuster** Cap. **4500** No. **3086** Inside ☐ Outside ☒ Bottom Make **Kuster** Cap. **4200** No. **1558** Inside ☒ Outside ☐
Below Straddle: Depth ☐ Rec. No. ☐ Clock No. ☐ Inside ☐ Outside ☐ Depth ☐ Ft. Rec. No. ☐ Clock No. ☐ Inside ☐ Outside ☐
Time Set Packer **1:45** P M
Tool Open I.F.P. From **1:48 P** M. to **1:53P** M. - Hr. **5** Min. From (B) **64** P.S.I. To (C) **123** P.S.I.
Tool Closed I.C.I.P. From **1:53P** M. to **2:23P** M. - Hr. **30** Min (D) **793** P.S.I.
Tool Open F.F.P. From **2:23P** M. to **3:23P** M. - Hr. **60** Min. From (E) **133** P.S.I. To (F) **476** P.S.I.
Tool Closed F.C.I.P. From **3:23P** M. to **4:08P** M. **0** Hr. **45** Min. (G) **753** P.S.I.
Initial Hydrostatic Pressure (A) **1638** P.S.I. Final Hydrostatic Pressure (H) **1629** P.S.I. Maximum Temp. **105**

INFORMATION

BLOW **Strong throughout test**

Did Well Flow ☐ Yes ☒ No Recovery Total Ft. **960' of salt water**

Reversed Out ☒ Yes ☐ No Mud Type **Starch** Viscosity **43** Weight **9.9** Water Loss **14.6** cc. Chlorides ☐

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

Dual Packer **Yes** Did Packers Hold? **Yes** Did Tool Plug? **no** Where? ☐

DRILLING CONTRACTOR **Emphasis Oil Operations** Length Drill Pipe? **2870** Ft. I.D. Drill Pipe **3.8** In. Tool Joint Size **4 1/2** In.

Length Weight Pipe ☐ Ft. I.D. Weight Pipe ☐ In. Tool Joint Size ☐ In. Length Drill Collars ☐ Ft. I.D. Drill Collars ☐ In.

Tool Joint Size ☐ In. Length D.S.T. Tool **92** Ft.

Remarks:

WESTERN TESTING CO., INC.

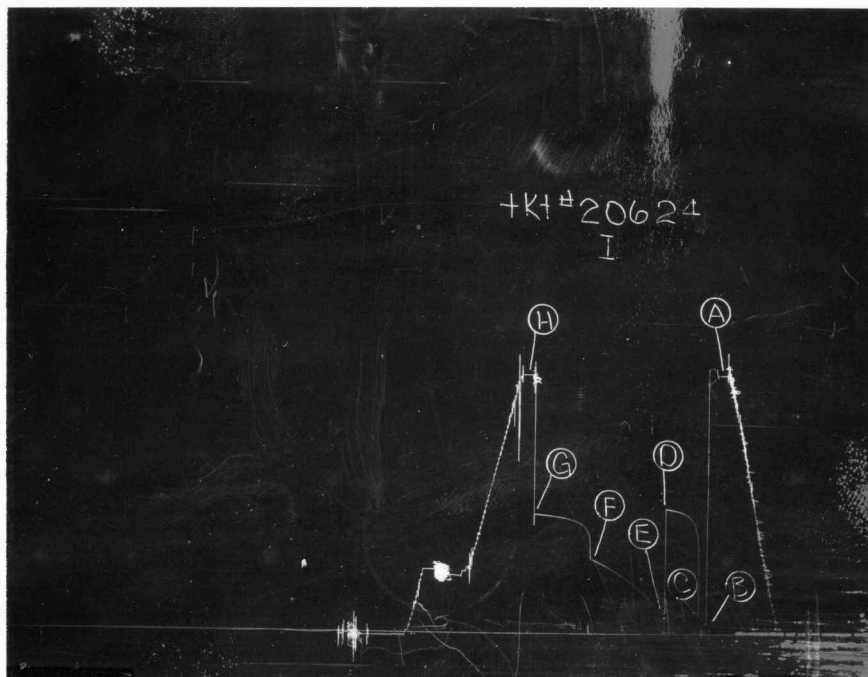
Pressure Data

Date 1-8-75 Test Ticket No. 20624
 Recorder No. 3086 Capacity 4500 Location 3282 Ft.
 Clock No. 6896 Elevation 1984 Kelly Bushings Well Temperature 105 °F

Point	Pressure		Time Given	P	M	Time Computed
A Initial Hydrostatic Mud	<u>1638</u>	P.S.I.	<u>1:45</u>			
B First Initial Flow Pressure	<u>64</u>	P.S.I.	<u>5</u>	Mins.	<u>5</u>	Mins.
C First Final Flow Pressure	<u>123</u>	P.S.I.	<u>30</u>	Mins.	<u>30</u>	Mins.
D Initial Closed-in Pressure	<u>793</u>	P.S.I.	<u>60</u>	Mins.	<u>60</u>	Mins.
E Second Initial Flow Pressure	<u>133</u>	P.S.I.	<u>45</u>	Mins.	<u>45</u>	Mins.
F Second Final Flow Pressure	<u>476</u>	P.S.I.				
G Final Closed-in Pressure	<u>753</u>	P.S.I.				
H Final Hydrostatic Mud	<u>1629</u>	P.S.I.				

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>2</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>12</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>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>64</u>	<u>0</u>	<u>123</u>	<u>0</u>	<u>133</u>	<u>0</u>	<u>476</u>
P 2 <u>5</u>	<u>123</u>	<u>3</u>	<u>642</u>	<u>5</u>	<u>151</u>	<u>3</u>	<u>665</u>
P 3		<u>6</u>	<u>713</u>	<u>10</u>	<u>197</u>	<u>6</u>	<u>690</u>
P 4		<u>9</u>	<u>746</u>	<u>15</u>	<u>239</u>	<u>9</u>	<u>704</u>
P 5		<u>12</u>	<u>762</u>	<u>20</u>	<u>277</u>	<u>12</u>	<u>713</u>
P 6		<u>15</u>	<u>774</u>	<u>25</u>	<u>313</u>	<u>15</u>	<u>720</u>
P 7		<u>18</u>	<u>781</u>	<u>30</u>	<u>341</u>	<u>18</u>	<u>727</u>
P 8		<u>21</u>	<u>786</u>	<u>35</u>	<u>372</u>	<u>21</u>	<u>734</u>
P 9		<u>24</u>	<u>790</u>	<u>40</u>	<u>396</u>	<u>24</u>	<u>737</u>
P10		<u>27</u>	<u>793</u>	<u>45</u>	<u>422</u>	<u>27</u>	<u>740</u>
P11				<u>50</u>	<u>443</u>	<u>30</u>	<u>744</u>
P12				<u>55</u>	<u>462</u>	<u>33</u>	<u>746</u>
P13				<u>60</u>	<u>476</u>	<u>36</u>	<u>748</u>
P14						<u>39</u>	<u>750</u>
P15						<u>42</u>	<u>752</u>
P16						<u>45</u>	<u>753</u>
P17							
P18							
P19							
P20							



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1647	1638	PSI
(B) First Initial Flow Pressure	59	64	PSI
(C) First Final Flow Pressure	130	123	PSI
(D) Initial Closed-in Pressure	799	793	PSI
(E) Second Initial Flow Pressure	130	133	PSI
(F) Second Final Flow Pressure	473	476	PSI
(G) Final Closed-in Pressure	764	753	PSI
(H) Final Hydrostatic Mud	1635	1629	PSI



P. O. BOX 1599
WICHITA, KANSAS 67201

Company Robert R. Price Lease & Well No. Cave #6
Elevation 1984 Kelly Bush Formation ? Effective Pay - Ft. Ticket No. 20625
Date 1-10-75 Sec. 8 Twp. 11S Range 18W County Ellis State Kansas
Test Approved by W.L. Miller Western Representative Dennis Sporing
Formation Test No. 3 O.K. ☒ Misrun ☐ Interval Tested From 3552' to 3564' Total Depth 3564'
Size Main Hole 7 7/8 Rat Hole ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No
Top Packer Depth 3545 Ft. Size 6 3/4 Bottom Packer Depth 3552 Ft. Size 6 3/4
Straddle No 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 12 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 3556 Ft. Clock No. 6896 Depth 3559 Ft. Clock No. 6893
Top Make Kuster Cap. 4500 No. 3086 Inside Outside Bottom Make Kuster Cap. 4200 No. 1558 Inside Outside
Below Straddle: Depth - Rec. No. - Clock No. - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside
Time Set Packer 4:20 P M
Tool Open I.F.P. From 4:23P M. to 4:28P M. - Hr. 5 Min. From (B) 33 P.S.I. To (C) 31 P.S.I.
Tool Closed I.C.I.P. From 4:28 M. to 4:58P M. - Hr. 30 Min (D) 1046 P.S.I.
Tool Open F.F.P. From 4:58 P M. to 5:58P M. - Hr. 60 Min. From (E) 43 P.S.I. To (F) 121 P.S.I.
Tool Closed F.C.I.P. From 5:58P M. to 6:43P M. - Hr. 45 Min. (G) 1021 P.S.I.
Initial Hydrostatic Pressure (A) 1834 P.S.I. Final Hydrostatic Pressure (H) 1818 P.S.I. Maximum Temp. 116

INFORMATION

BLOW Fair throughout test

Did Well Flow ☐ Yes ☒ No Recovery Total Ft. 45' of heavy oil, 240' of muddy salt water

Reversed Out ☐ Yes ☒ No Mud Type Starch Viscosity 48 Weight 10.0 Water Loss 8 cc. Chlorides -

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

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

DRILLING CONTRACTOR Emphasis Oil Operations Length Drill Pipe? 3150 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 In.

Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars - Ft. I.D. Drill Collars - In.

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

Remarks:

WESTERN TESTING CO., INC.

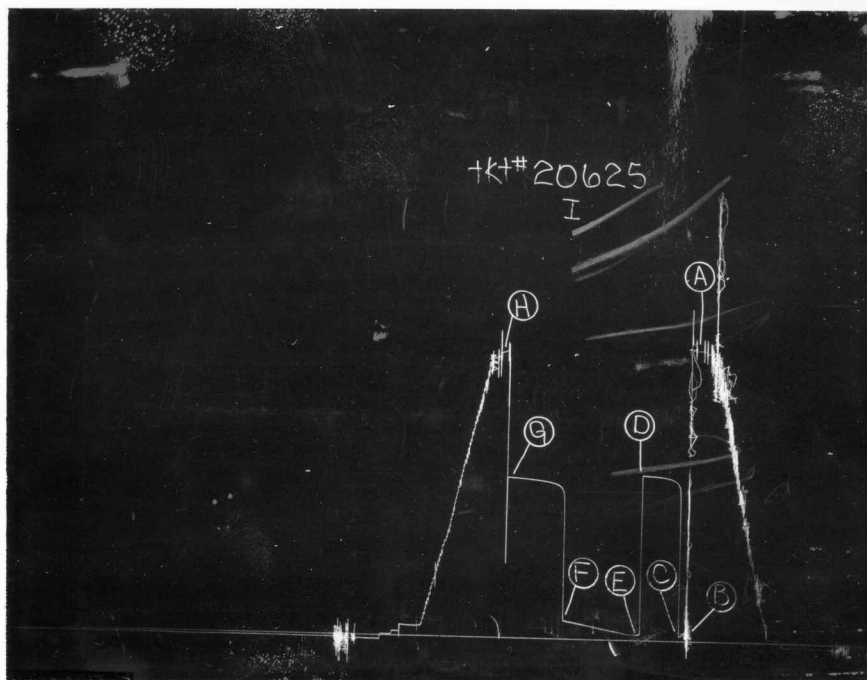
Pressure Data

Date 1-10-75 Test Ticket No. 20625
 Recorder No. 3086 Capacity 4500 Location 3556 Ft.
 Clock No. 6896 Elevation 1984 Kelly Bushings Well Temperature 116 °F

Point	Pressure		Time Given	P	M	Time Computed
A Initial Hydrostatic Mud	<u>1834</u>	P.S.I.	<u>4:20</u>			
B First Initial Flow Pressure	<u>33</u>	P.S.I.	<u>5</u>	Mins.	<u>5</u>	Mins.
C First Final Flow Pressure	<u>31</u>	P.S.I.	<u>30</u>	Mins.	<u>30</u>	Mins.
D Initial Closed-in Pressure	<u>1046</u>	P.S.I.	<u>60</u>	Mins.	<u>60</u>	Mins.
E Second Initial Flow Pressure	<u>43</u>	P.S.I.	<u>45</u>	Mins.	<u>45</u>	Mins.
F Second Final Flow Pressure	<u>121</u>	P.S.I.				
G Final Closed-in Pressure	<u>1021</u>	P.S.I.				
H Final Hydrostatic Mud	<u>1818</u>	P.S.I.				

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>2</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>12</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>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>33</u>	<u>0</u>	<u>31</u>	<u>0</u>	<u>43</u>	<u>0</u>	<u>121</u>
P 2 <u>5</u>	<u>31</u>	<u>3</u>	<u>1002</u>	<u>5</u>	<u>38</u>	<u>3</u>	<u>960</u>
P 3		<u>6</u>	<u>1019</u>	<u>10</u>	<u>40</u>	<u>6</u>	<u>979</u>
P 4		<u>9</u>	<u>1028</u>	<u>15</u>	<u>50</u>	<u>9</u>	<u>988</u>
P 5		<u>12</u>	<u>1035</u>	<u>20</u>	<u>54</u>	<u>12</u>	<u>995</u>
P 6		<u>15</u>	<u>1037</u>	<u>25</u>	<u>64</u>	<u>15</u>	<u>1000</u>
P 7		<u>18</u>	<u>1039</u>	<u>30</u>	<u>71</u>	<u>18</u>	<u>1002</u>
P 8		<u>21</u>	<u>1041</u>	<u>35</u>	<u>81</u>	<u>21</u>	<u>1005</u>
P 9		<u>24</u>	<u>1044</u>	<u>40</u>	<u>88</u>	<u>24</u>	<u>1009</u>
P10		<u>27</u>	<u>1045</u>	<u>45</u>	<u>97</u>	<u>27</u>	<u>1012</u>
P11		<u>30</u>	<u>1046</u>	<u>50</u>	<u>104</u>	<u>30</u>	<u>1014</u>
P12				<u>55</u>	<u>111</u>	<u>33</u>	<u>1016</u>
P13				<u>60</u>	<u>121</u>	<u>36</u>	<u>1017</u>
P14						<u>39</u>	<u>1019</u>
P15						<u>42</u>	<u>1020</u>
P16						<u>45</u>	<u>1021</u>
P17							
P18							
P19							
P20							



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1889	1834	PSI
(B) First Initial Flow Pressure	35	33	PSI
(C) First Final Flow Pressure	35	31	PSI
(D) Initial Closed-in Pressure	1055	1046	PSI
(E) Second Initial Flow Pressure	35	43	PSI
(F) Second Final Flow Pressure	118	121	PSI
(G) Final Closed-in Pressure	1020	1021	PSI
(H) Final Hydrostatic Mud	1877	1818	PSI