

Home Office: Wichita, Kansas 67201

P.O. Box 1599

(316) 262-5861

Company Kansas Oil Corporation Lease & Well No. Berens-Ries #6
Elevation -- Formation -- Effective Pay -- Ft. Ticker No. 10202
Date 3/6/81 Sec. 28 Twp. 11S Range 22W County Trego State Kansas
Test Approved by Paul Laird Western Representative John Critser
Formation Test No. 1 Interval Tested from 3552 ft. to 3570 ft. Total Depth 3570 ft.
Packer Depth 3547 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 3552 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set --
Top Recorder Depth (Inside) 3562 ft. Recorder Number 2608 Cap 4150
Bottom Recorder Depth (Outside) 3567 ft. Recorder Number 3085 Cap 4500
Below Straddle Recorder Depth -- ft. Recorder Number -- Cap --
Drilling Contractor Spartan Drlg. Rig #1 Drill Collar Length 481 I. D. 2.76 in.
Mud Type starch Viscosity 49 Weight Pipe Length -- I. D. -- in.
Weight 9.8 Water Loss 8 cc. Drill Pipe Length 3281 D. 3.8 in.
Chlorides 15,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 in.
Jars: Make -- Serial Number -- Anchor Length 18 ft. Size 5 1/2 in.
Did Well Flow? -- Reversed Out -- Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: Weak blow throughout test.

Recovered 90 ft. of heavy oil cut mud (66% oil; 8% water; 26% mud)
Recovered -- ft. of --
Recovered -- ft. of --
Recovered -- ft. of --
Recovered -- ft. of --

Remarks: --

Time Set Packer(s) 5:55 A.M. P.M. Time Started Off Bottom 8:55 A.M. P.M. Maximum Temperature 105°
Initial Hydrostatic Pressure 1910 P.S.I. (A)
Initial Flow Period 30 Minutes (B) 79 P.S.I. to (C) 53 P.S.I.
Initial Closed In Period 60 Minutes (D) 708 P.S.I.
Final Flow Period 30 Minutes (E) 90 P.S.I. to (F) 71 P.S.I.
Final Closed In Period 60 Minutes (G) 708 P.S.I.
Final Hydrostatic Pressure 1890 P.S.I. (H)

WESTERN TESTING CO., INC.

Pressure Data

Date 3/6/81 Test Ticket No. 10202
 Recorder No. 2608 Capacity 4150 Location 3562 Ft.
 Clock No. - Elevation - Well Temperature 105 °F

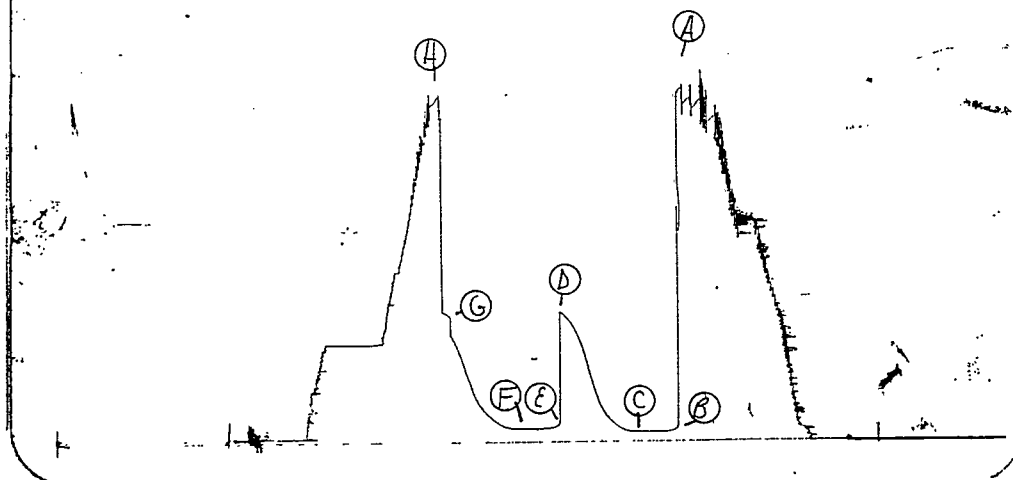
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1910</u> P.S.I.	Open Tool	<u>5:55A</u>	<u>M</u>
B First Initial Flow Pressure	<u>79</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>53</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>708</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>90</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>71</u> P.S.I.			
G Final Closed-in Pressure	<u>708</u> P.S.I.			
H Final Hydrostatic Mud	<u>1890</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Initial Shut-In Breakdown: <u>20</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Second Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Final Shut-In Breakdown: <u>20</u> Inc. of <u>3</u> mins. and a 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>79</u>	<u>0</u>	<u>53</u>	<u>0</u>	<u>90</u>	<u>0</u>	<u>71</u>
P 2 <u>5</u>	<u>56</u>	<u>3</u>	<u>53</u>	<u>5</u>	<u>77</u>	<u>3</u>	<u>71</u>
P 3 <u>10</u>	<u>53</u>	<u>6</u>	<u>53</u>	<u>10</u>	<u>73</u>	<u>6</u>	<u>71</u>
P 4 <u>15</u>	<u>53</u>	<u>9</u>	<u>57</u>	<u>15</u>	<u>71</u>	<u>9</u>	<u>76</u>
P 5 <u>20</u>	<u>53</u>	<u>12</u>	<u>64</u>	<u>20</u>	<u>71</u>	<u>12</u>	<u>83</u>
P 6 <u>25</u>	<u>53</u>	<u>15</u>	<u>76</u>	<u>25</u>	<u>71</u>	<u>15</u>	<u>92</u>
P 7 <u>30</u>	<u>53</u>	<u>18</u>	<u>93</u>	<u>30</u>	<u>71</u>	<u>18</u>	<u>104</u>
P 8		<u>21</u>	<u>110</u>			<u>21</u>	<u>121</u>
P 9		<u>24</u>	<u>135</u>			<u>24</u>	<u>139</u>
P10		<u>27</u>	<u>161</u>			<u>27</u>	<u>162</u>
P11		<u>30</u>	<u>205</u>			<u>30</u>	<u>189</u>
P12		<u>33</u>	<u>262</u>			<u>33</u>	<u>225</u>
P13		<u>36</u>	<u>332</u>			<u>36</u>	<u>270</u>
P14		<u>39</u>	<u>404</u>			<u>39</u>	<u>331</u>
P15		<u>42</u>	<u>477</u>			<u>42</u>	<u>388</u>
P16		<u>45</u>	<u>541</u>			<u>45</u>	<u>456</u>
P17		<u>48</u>	<u>592</u>			<u>48</u>	<u>509</u>
P18		<u>51</u>	<u>631</u>			<u>51</u>	<u>556</u>
P19		<u>54</u>	<u>661</u>			<u>54</u>	<u>685</u>
P20		<u>57</u>	<u>685</u>			<u>57</u>	<u>699</u>
WTC - 4		<u>60</u>	<u>708</u>			<u>60</u>	<u>708</u>

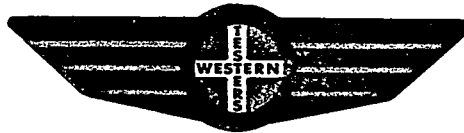
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TKT # 10202 DST Top 2608
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This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1910	1910
(B) First Initial Flow Pressure	52	79
(C) First Final Flow Pressure	52	53
(D) Initial Closed-in Pressure	716	708
(E) Second Initial Flow Pressure	83	90
(F) Second Final Flow Pressure	83	71
(G) Final Closed-in Pressure	716	708
(H) Final Hydrostatic Mud	1889	1890



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Company Kansas Oil Corporation Lease & Well No. Berens-Ries#6
Elevation ----- Formation Lansing "A" Effective Pay - Ft. Ticker No. 10203
Date 3/7/81 Sec. 28 Twp. 11S Range 22W County Trego State Kansas
Test Approved by Paul Laird Western Representative John Critser
Formation Test No. 2 Interval Tested from 3567 ft. to 3590 Total Depth 3590 ft.
Packer Depth 3562 ft. Size 6 3/4 Packer Depth - ft. Size - in.
Packer Depth 3567 ft. Size 6 3/4 Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 3582 ft. Recorder Number 2608 Cap 4150
Bottom Recorder Depth (Outside) 3587 ft. Recorder Number 3085 Cap 4500
Below Straddle Recorder Depth - ft. Recorder Number - Cap -
Drilling Contractor Spartan Drilling Rig #1 Drill Collar Length 481 I. D. 2.76 in.
Mud Type starch Viscosity 49 Weight Pipe Length - I. D. - in.
Weight 9.8 Water Loss 8 cc. Drill Pipe Length 3281 I. D. 3.8 in.
Chlorides 15,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 in.
Jars: Make - Serial Number - Anchor Length 23 ft. Size 5 1/2 in.
Did Well Flow? - Reversed Out - Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: Strong blow throughout test.

Recovered 180 ft. of heavy oil cut mud (54% oil; 39% mud; 7% water)
Recovered - ft. of (slightly gassy)
Recovered - ft. of -
Recovered - ft. of -
Recovered - ft. of -

Remarks: -

Time Set Packer(s) 11:50 AM Time Started Off Bottom 2:50 AM Maximum Temperature 106°
Initial Hydrostatic Pressure 1912 P.S.I.
Initial Flow Period 30 Minutes (B) 62 P.S.I. to (C) 42 P.S.I.
Initial Closed In Period 66 Minutes (D) 759 P.S.I.
Final Flow Period 30 Minutes (E) 93 P.S.I. to (F) 77 P.S.I.
Final Closed In Period 60 Minutes (G) 743 P.S.I.
Final Hydrostatic Pressure 1888 P.S.I. (H)

WESTERN TESTING CO., INC.

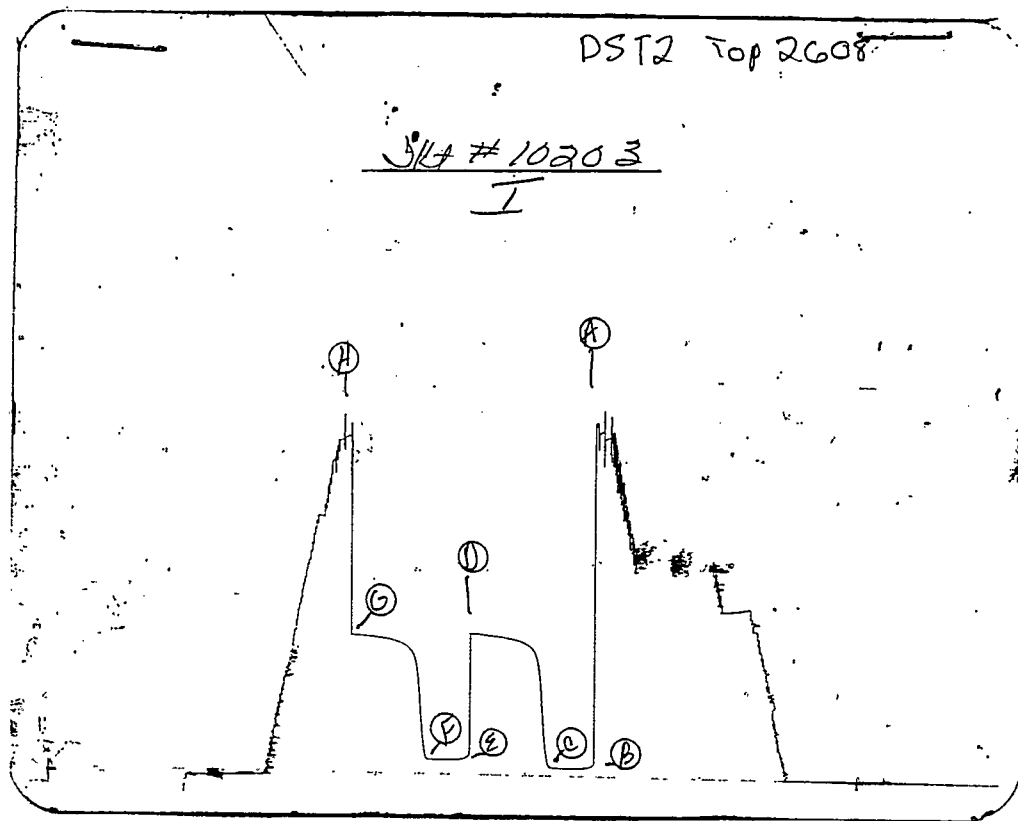
Pressure Data

Date 3/7/81 Test Ticket No. 10203
 Recorder No. 2608 Capacity 4150 Location 3582 Ft.
 Clock No. - Elevation - Well Temperature 106 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	1912 P.S.I.	11:50P M	
B First Initial Flow Pressure	62 P.S.I.	30 Mins.	30 Mins.
C First Final Flow Pressure	42 P.S.I.	60 Mins.	66 Mins.
D Initial Closed-in Pressure	759 P.S.I.	30 Mins.	30 Mins.
E Second Initial Flow Pressure	93 P.S.I.	60 Mins.	60 Mins.
F Second Final Flow Pressure	77 P.S.I.		
G Final Closed-in Pressure	743 P.S.I.		
H Final Hydrostatic Mud	1888 P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: 6 Inc.		Breakdown: 22 Inc.		Breakdown: 6 Inc.		Breakdown: 20 Inc.	
of 5 mins. and a		of 3 mins. and a		of 5 mins. and a		of 3 mins. and a	
final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	62	0	42	0	93	0	77
P 2 5	44	3	48	5	81	3	109
P 3 10	42	6	110	10	77	6	252
P 4 15	40	9	272	15	77	9	446
P 5 20	40	12	469	20	77	12	595
P 6 25	41	15	613	25	77	15	652
P 7 30	42	18	670	30	77	18	679
P 8		21	693			21	696
P 9		24	706			24	706
P10		27	718			27	712
P11		30	725			30	719
P12		33	729			33	724
P13		36	735			36	727
P14		39	739			39	730
P15		42	742			42	733
P16		45	745			45	735
P17		48	747			48	737
P18		51	750			51	739
P19		54	753			54	741
P20		57	755			57	742
WTC - 4		60	757			60	743
		63	758				
		66	759				



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1921	1912 PSI
(B) First Initial Flow Pressure	52	62 PSI
(C) First Final Flow Pressure	42	42 PSI
(D) Initial Closed-in Pressure	768	759 PSI
(E) Second Initial Flow Pressure	83	93 PSI
(F) Second Final Flow Pressure	94	77 PSI
(G) Final Closed-in Pressure	747	743 PSI
(H) Final Hydrostatic Mud	1900	1888 PSI

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Company Kansas Oil Corporation Lease & Well No. Berens Ries #6
Elevation 2326 Kelly Bushing Lansing Formation Effective Pay - Ft. Ticket No. 10204
Date 3/7/81 Sec. 28 Twp. 11S Range 22W County Trego State Kansas
Test Approved by Paul Laird Western Representative John Critser
Formation Test No. 3 Interval Tested from 3597 ft. to 3624 ft. Total Depth 3624 ft.
Packer Depth 3592 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 3597 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 3616 ft. Recorder Number 2608 Cap 4150
Bottom Recorder Depth (Outside) 3621 ft. Recorder Number 3085 Cap 4500
Below Straddle Recorder Depth - ft. Recorder Number - Cap -
Drilling Contractor Spartan Drilling Rig #1 Drill Collar Length 481 I. D. 2.76 in.
Mud Type Starch Viscosity 41 Weight Pipe Length - I. D. - in.
Weight 9.6 Water Loss 10.4 cc. Drill Pipe Length 3150 I. D. 3.8 in.
Chlorides 15,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 in.
Jars: Make - Serial Number - Anchor Length 27 ft. Size 5 1/2 in.
Did Well Flow? - Reversed Out - Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: Strong blow throughout opening. Blow after closed in - very weak (1/2 inch in bucket)

Recovered 120 ft. of heavy oil cut gassy muddy water - 41% oil; 9% water; 50% mud
Recovered 240 ft. of heavy oil cut gassy muddy water - 52% oil; 17% water; 31% mud
Recovered 120 ft. of muddy water Chlorides 37,000 PPM
Recovered 780 ft. of gas
Recovered - ft. of -

Remarks: -

Time Set Packer(s) 4:55 A.M. Time Started Off Bottom 7:55 A.M. Maximum Temperature 109
Initial Hydrostatic Pressure 1868 P.S.I.
Initial Flow Period 30 Minutes (B) 71 P.S.I. to (C) 87 P.S.I.
Initial Closed In Period 60 Minutes (D) 795 P.S.I.
Final Flow Period 30 Minutes (E) 140 P.S.I. to (F) 175 P.S.I.
Final Closed In Period 57 Minutes (G) 823 P.S.I.
Final Hydrostatic Pressure 1827 P.S.I. (H)

WESTERN TESTING CO., INC.

Pressure Data

Date 3/7/81 Test Ticket No. 10204
 Recorder No. 2608 Capacity 4150 Location 3616 Ft.
 Clock No. -- Elevation 2326 Kelly Bushing Well Temperature 109 °F

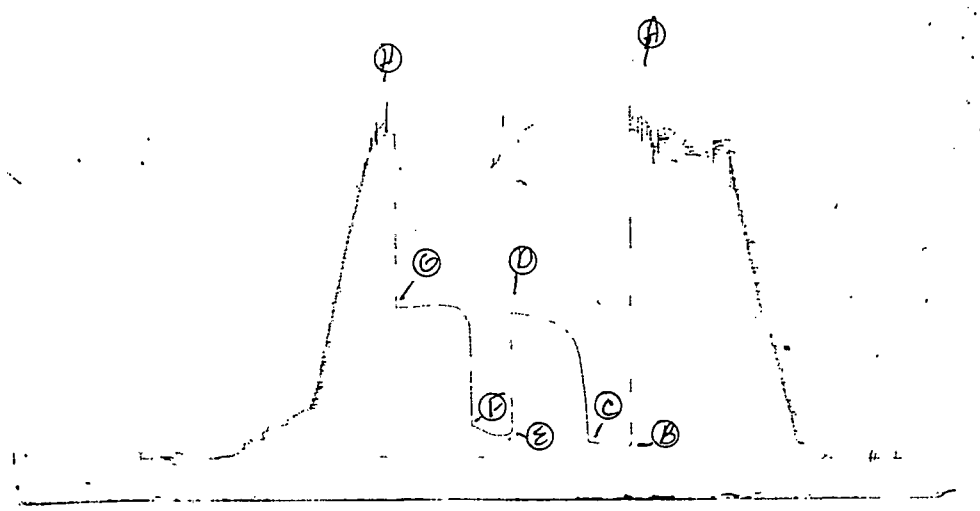
Point	Pressure		Time Given	Time Computed
A. Initial Hydrostatic Mud	<u>1868</u> P.S.I.	Open Tool	<u>4:55P</u> M	
B First Initial Flow Pressure	<u>71</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>87</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>795</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>140</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>57</u> Mins.
F Second Final Flow Pressure	<u>175</u> P.S.I.			
G Final Closed-in Pressure	<u>823</u> P.S.I.			
H Final Hydrostatic Mud	<u>1827</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>6</u> Inc.		Breakdown: <u>19</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>71</u>	<u>0</u>	<u>87</u>	<u>0</u>	<u>140</u>	<u>0</u>	<u>175</u>
P 2 <u>5</u>	<u>60</u>	<u>3</u>	<u>312</u>	<u>5</u>	<u>125</u>	<u>3</u>	<u>747</u>
P 3 <u>10</u>	<u>60</u>	<u>6</u>	<u>469</u>	<u>10</u>	<u>125</u>	<u>6</u>	<u>799</u>
P 4 <u>15</u>	<u>69</u>	<u>9</u>	<u>593</u>	<u>15</u>	<u>129</u>	<u>9</u>	<u>814</u>
P 5 <u>20</u>	<u>77</u>	<u>12</u>	<u>650</u>	<u>20</u>	<u>144</u>	<u>12</u>	<u>824</u>
P 6 <u>25</u>	<u>83</u>	<u>15</u>	<u>677</u>	<u>25</u>	<u>162</u>	<u>15</u>	<u>830</u>
P 7 <u>30</u>	<u>87</u>	<u>18</u>	<u>702</u>	<u>30</u>	<u>175</u>	<u>18</u>	<u>832</u>
P 8		<u>21</u>	<u>718</u>			<u>21</u>	<u>835</u>
P 9		<u>24</u>	<u>731</u>			<u>24</u>	<u>836</u>
P10		<u>27</u>	<u>743</u>			<u>27</u>	<u>835</u>
P11		<u>30</u>	<u>752</u>			<u>30</u>	<u>835</u>
P12		<u>33</u>	<u>760</u>			<u>33</u>	<u>833</u>
P13		<u>36</u>	<u>766</u>			<u>36</u>	<u>832</u>
P14		<u>39</u>	<u>771</u>			<u>39</u>	<u>830</u>
P15		<u>42</u>	<u>776</u>			<u>42</u>	<u>827</u>
P16		<u>45</u>	<u>783</u>			<u>45</u>	<u>825</u>
P17		<u>48</u>	<u>785</u>			<u>48</u>	<u>825</u>
P18		<u>51</u>	<u>789</u>			<u>51</u>	<u>824</u>
P19		<u>54</u>	<u>791</u>			<u>54</u>	<u>824</u>
P20		<u>57</u>	<u>794</u>			<u>57</u>	<u>823</u>
WTC - 4		<u>60</u>	<u>795</u>				

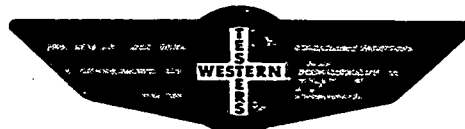
DST3 Top 2608

SK #10204
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This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1863	1868	PSI
(B) First Initial Flow Pressure	62	71	PSI
(C) First Final Flow Pressure	94	87	PSI
(D) Initial Closed-in Pressure	810	795	PSI
(E) Second Initial Flow Pressure	125	140	PSI
(F) Second Final Flow Pressure	177	175	PSI
(G) Final Closed-in Pressure	820	823	PSI
(H) Final Hydrostatic Mud	1816	1827	PSI



Home Office: Wichita, Kansas 67201
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Company Kansas Oil Corporation Lease & Well No. Berens-Ries #6
Elevation 2326 Kelly Bushing -- Effective Pay -- Ft. Ticket No. 10205
Date 3/8/81 Sec 28 Twp 11S Range 22W County Trego State Kansas
Test Approved by Paul Laird Western Representative John Critser
Formation Test No. 4 Interval Tested from 3641 ft. to 3669 Total Depth 3669 ft.
Packer Depth 3636 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 3641 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 3661 ft. Recorder Number 2608 Cap 4150
Bottom Recorder Depth (Outside) 3666 ft. Recorder Number 3085 Cap 4500
Below Straddle Recorder Depth - ft. Recorder Number - Cap -
Drilling Contractor Sparatan Drllg. Corp. Rig #1 Drill Collar Length 181 I. D. 2.78 in.
Mud Type starch Viscosity 44 Weight Pipe Length - I. D. - in.
Weight 9.6 Water Loss 12 cc. Drill Pipe Length 3189 I. D. 3.8 in.
Chlorides 15,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 in.
Jars: Make - Serial Number - Anchor Length 28 ft. Size 5 1/2 in.
Did Well Flow? - Reversed Out - Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.
Blow: Strong blow off bottom of bucket in seven minutes on first flow; eight minutes on second flow.
Recovered 275 ft. of gas
Recovered 145 ft. of oil cut mud (13% oil; 7% water; 80% mud)
Recovered 240 ft. of heavy oil cut mud (49% oil; 18% water; 33% mud)
Recovered 60 ft. of slightly oil cut muddy water (2% oil; 85% water; 13% mud)
Recovered - ft. of 39,000 chlorides ppm
Remarks: Blowed after closed-in; weak one half inch in bucket for nineteen minutes
Time Set Packer(s) 12:30 AM Time Started Off Bottom 3:30 AM Maximum Temperature 112°
Initial Hydrostatic Pressure (A) 1868 P.S.I.
Initial Flow Period Minutes 30 (B) 67 P.S.I. to (C) 94 P.S.I.
Initial Closed In Period Minutes 57 (D) 783 P.S.I.
Final Flow Period Minutes 30 (E) 162 P.S.I. to (F) 144 P.S.I.
Final Closed In Period Minutes 60 (G) 768 P.S.I.
Final Hydrostatic Pressure (H) 1841 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

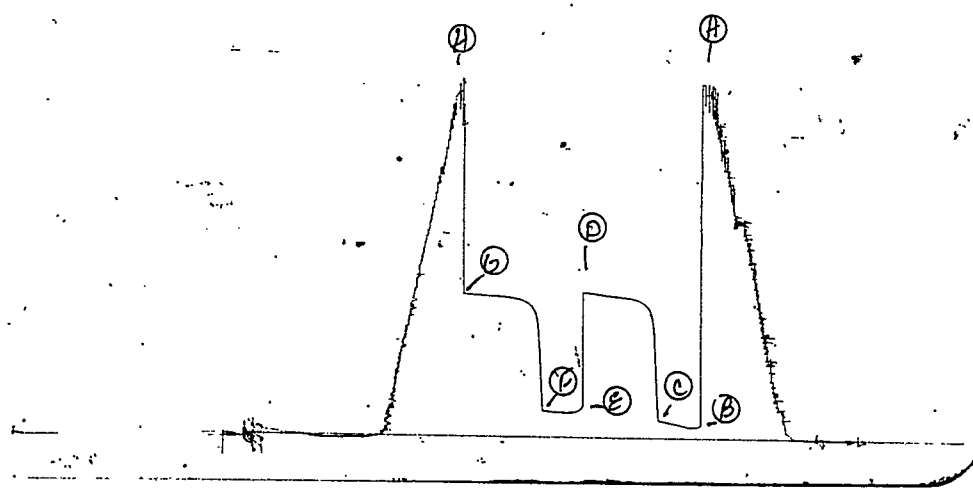
Date 3/8/81 Test Ticket No. 10205
 Recorder No. 2608 Capacity 4150 Location 3661 Ft.
 Clock No. - Elevation 2326 Kelly Bushing Well Temperature 112 °F
 Point Pressure Time Given Time Computed
 A Initial Hydrostatic Mud 1868 P.S.I. Open Tool 12:30P M
 B First Initial Flow Pressure 67 P.S.I. First Flow Pressure 30 Mins. 30 Mins.
 C First Final Flow Pressure 94 P.S.I. Initial Closed-in Pressure 60 Mins. 57 Mins.
 D Initial Closed-in Pressure 783 P.S.I. Second Flow Pressure 30 Mins. 30 Mins.
 E Second Initial Flow Pressure 162 P.S.I. Final Closed-in Pressure 60 Mins. 60 Mins.
 F Second Final Flow Pressure 144 P.S.I.
 G Final Closed-in Pressure 768 P.S.I.
 H Final Hydrostatic Mud 1841 P.S.I.

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Initial Shut-In Breakdown: <u>19</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Second Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Final Shut-In Breakdown: <u>20</u> Inc. of <u>3</u> mins. and a 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>67</u>	<u>0</u>	<u>94</u>	<u>0</u>	<u>162</u>	<u>0</u>	<u>144</u>
P 2 <u>5</u>	<u>58</u>	<u>3</u>	<u>387</u>	<u>5</u>	<u>137</u>	<u>3</u>	<u>462</u>
P 3 <u>10</u>	<u>62</u>	<u>6</u>	<u>640</u>	<u>10</u>	<u>132</u>	<u>6</u>	<u>659</u>
P 4 <u>15</u>	<u>71</u>	<u>9</u>	<u>701</u>	<u>15</u>	<u>132</u>	<u>9</u>	<u>702</u>
P 5 <u>20</u>	<u>79</u>	<u>12</u>	<u>723</u>	<u>20</u>	<u>134</u>	<u>12</u>	<u>722</u>
P 6 <u>25</u>	<u>86</u>	<u>15</u>	<u>736</u>	<u>25</u>	<u>137</u>	<u>15</u>	<u>733</u>
P 7 <u>30</u>	<u>94</u>	<u>18</u>	<u>743</u>	<u>30</u>	<u>144</u>	<u>18</u>	<u>740</u>
P 8		<u>21</u>	<u>750</u>			<u>21</u>	<u>745</u>
P 9		<u>24</u>	<u>754</u>			<u>24</u>	<u>750</u>
P10		<u>27</u>	<u>756</u>			<u>27</u>	<u>752</u>
P11		<u>30</u>	<u>758</u>			<u>30</u>	<u>755</u>
P12		<u>33</u>	<u>760</u>			<u>33</u>	<u>756</u>
P13		<u>36</u>	<u>762</u>			<u>36</u>	<u>757</u>
P14		<u>39</u>	<u>765</u>			<u>39</u>	<u>759</u>
P15		<u>42</u>	<u>768</u>			<u>42</u>	<u>760</u>
P16		<u>45</u>	<u>771</u>			<u>45</u>	<u>761</u>
P17		<u>48</u>	<u>774</u>			<u>48</u>	<u>764</u>
P18		<u>51</u>	<u>777</u>			<u>51</u>	<u>766</u>
P19		<u>54</u>	<u>781</u>			<u>54</u>	<u>767</u>
P20		<u>57</u>	<u>783</u>			<u>57</u>	<u>768</u>
						<u>60</u>	<u>768</u>

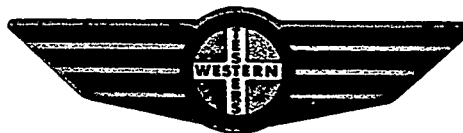
Top 2608 DSTY.

JK #10205
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This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1868	1868	PSI
(B) First Initial Flow Pressure	62	67	PSI
(C) First Final Flow Pressure	104	94	PSI
(D) Initial Closed-in Pressure	779	783	PSI
(E) Second Initial Flow Pressure	135	162	PSI
(F) Second Final Flow Pressure	146	144	PSI
(G) Final Closed-in Pressure	768	768	PSI
(H) Final Hydrostatic Mud	1847	1841	PSI



Home Office: Wichita, Kansas 67201

P.O. Box 1599

(316) 262-5861

Company Kansas Oil Corporation Lease & Well No. Berens Ries #6
Elevation 2326 Kelly Bushing Formation Marmaton Effective Pay - Ft. Ticket No. 10206
Date 3/10/81 Sec. 28 Twp. 11S Range 22W County Trego State Kansas
Test Approved by Paul Laird Western Representative John Critser
Formation Test No. 5 Interval Tested from 3904 ft. to 3922 ft. Total Depth 3922 ft.
Packer Depth 3899 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 3904 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 3914 ft. Recorder Number 2608 Cap. 4150
Bottom Recorder Depth (Outside) 3919 ft. Recorder Number 3085 Cap. 4500
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Spartan Drilling Rig #1 Drill Collar Length 481 I. D. 2.76 in.
Mud Type Starch Viscosity 45 Weight Pipe Length - I. D. - in.
Weight 9.7 Water Loss 12.0 cc. Drill Pipe Length 3442 I. D. 3.8 in.
Chlorides 15,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 OD in.
Jars: Make - Serial Number - Anchor Length 18 ft. Size 5 1/2 OD in.
Did Well Flow? - Reversed Out - Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: Fair blow (3 inches in bucket) throughout test.Recovered 125 ft. of mud cut oil - 42% mud; 8% water; 50% oilRecovered - ft. of -Recovered - ft. of -Recovered - ft. of -Recovered - ft. of -Remarks: -

Time Set Packer(s) 9:00 A.M. Time Started Off Bottom 12:00 A.M. Maximum Temperature 110
Initial Hydrostatic Pressure - (A) 2108 P.S.I.
Initial Flow Period - Minutes 30 (B) 60 P.S.I. to (C) 46 P.S.I.
Initial Closed In Period - Minutes 63 (D) 1122 P.S.I.
Final Flow Period - Minutes 30 (E) 97 P.S.I. to (F) 75 P.S.I.
Final Closed In Period - Minutes 60 (G) 1038* P.S.I.
Final Hydrostatic Pressure - (H) 2078 P.S.I.

WESTERN TESTING CO., INC.

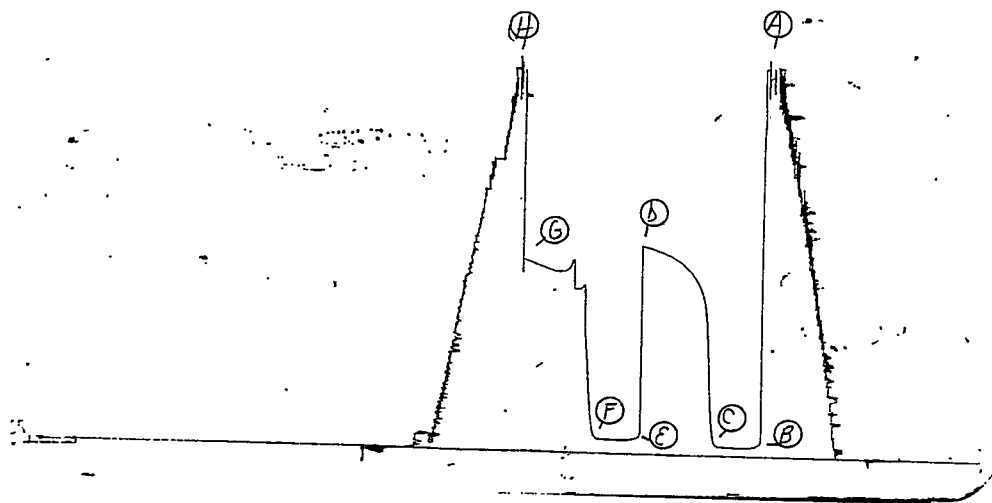
Pressure Data

Date 3/10/81 Test Ticket No. 10206
 Recorder No. 2608 Capacity 4150 Location 3914 Ft.
 Clock No. - Elevation 2326 Kelly Bushing Well Temperature 110 °F
 Point Pressure Time Given Time Computed
 A Initial Hydrostatic Mud 2108 P.S.I. Open Tool 9:00A M
 B First Initial Flow Pressure 60 P.S.I. First Flow Pressure 30 Mins. 30 Mins.
 C First Final Flow Pressure 46 P.S.I. Initial Closed-in Pressure 60 Mins. 63 Mins.
 D Initial Closed-in Pressure 1122 P.S.I. Second Flow Pressure 30 Mins. 30 Mins.
 E Second Initial Flow Pressure 97 P.S.I. Final Closed-in Pressure 60 Mins. 60 Mins.
 F Second Final Flow Pressure 75 P.S.I. *Pressures questionable due to tool movement.
 G Final Closed-in Pressure 1038* P.S.I.
 H Final Hydrostatic Mud 2078 P.S.I.

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Initial Shut-In Breakdown: <u>21</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Second Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Final Shut-In Breakdown: <u>20</u> Inc. of <u>3</u> mins. and a 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>60</u>	<u>0</u>	<u>46</u>	<u>0</u>	<u>97</u>	<u>0</u>	<u>75</u>
P 2 <u>5</u>	<u>49</u>	<u>3</u>	<u>50</u>	<u>5</u>	<u>80</u>	<u>3</u>	<u>79</u>
P 3 <u>10</u>	<u>46</u>	<u>6</u>	<u>71</u>	<u>10</u>	<u>73</u>	<u>6</u>	<u>121</u>
P 4 <u>15</u>	<u>44</u>	<u>9</u>	<u>218</u>	<u>15</u>	<u>73</u>	<u>9</u>	<u>262</u>
P 5 <u>20</u>	<u>45</u>	<u>12</u>	<u>572</u>	<u>20</u>	<u>74</u>	<u>12</u>	<u>512</u>
P 6 <u>25</u>	<u>45</u>	<u>15</u>	<u>814</u>	<u>25</u>	<u>75</u>	<u>15</u>	<u>907*</u>
P 7 <u>30</u>	<u>46</u>	<u>18</u>	<u>890</u>	<u>30</u>	<u>75</u>	<u>18</u>	<u>887*</u>
P 8		<u>21</u>	<u>934</u>			<u>21</u>	<u>884*</u>
P 9		<u>24</u>	<u>967</u>			<u>24</u>	<u>1033*</u>
P10		<u>27</u>	<u>995</u>			<u>27</u>	<u>991*</u>
P11		<u>30</u>	<u>1012</u>			<u>30</u>	<u>979*</u>
P12		<u>33</u>	<u>1035</u>			<u>33</u>	<u>976*</u>
P13		<u>36</u>	<u>1048</u>			<u>36</u>	<u>977*</u>
P14		<u>39</u>	<u>1060</u>			<u>39</u>	<u>983*</u>
P15		<u>42</u>	<u>1071</u>			<u>42</u>	<u>990*</u>
P16		<u>45</u>	<u>1080</u>			<u>45</u>	<u>997*</u>
P17		<u>48</u>	<u>1089</u>			<u>48</u>	<u>1005*</u>
P18		<u>51</u>	<u>1096</u>			<u>51</u>	<u>1012*</u>
P19		<u>54</u>	<u>1104</u>			<u>54</u>	<u>1020*</u>
P20		<u>57</u>	<u>1010</u>			<u>57</u>	<u>1027*</u>
WTC - 4		<u>60</u>	<u>1116</u>			<u>60</u>	<u>1038*</u>
		<u>63</u>	<u>1122</u>				

TRT # 10206 VALS, 2600 lps
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This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	2108	2108
(B) First Initial Flow Pressure	42	60
(C) First Final Flow Pressure	52	46
(D) Initial Closed-in Pressure	1130	1122
(E) Second Initial Flow Pressure	73	97
(F) Second Final Flow Pressure	73	75
(G) Final Closed-in Pressure	1037	1038*
(H) Final Hydrostatic Mud	2076	2078

PSI

PSI

PSI

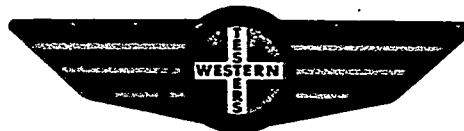
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Home Office: Wichita, Kansas 67201

P.O. Box 1599

(316) 262-5861

Company Kansas Oil Corporation Lease & Well No. Beren-Ries #6
Elevation 2326 Kelly Bushing Formation Arbuckle Effective Pay. - Ft. Ticker No. 9463
Date 3/11/81 Sec. 28 Twp. 11S Range 22W County Trego State Kansas
Test Approved by Paul Laird Western Representative Dave Sloan

Formation Test No. 6 Interval Tested from 3973 ft. to 4005 ft. Total Depth 4005 ft.
Packer Depth 3968 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 3973 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -
Top Recorder Depth (Inside) 3990 ft. Recorder Number 6246 Cap. 5200
Bottom Recorder Depth (Outside) 4002 ft. Recorder Number 2604 Cap. 4150
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Spartan Drlg. Rig #1 Drill Collar Length 180 I. D. 2.2 in.
Mud Type starch Viscosity 55 Weight Pipe Length - I. D. - in.
Weight 9.7 Water Loss 12.0 cc. Drill Pipe Length 3773 I. D. 3.8 in.
Chlorides 15,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 OD in.
Jars: Make - Serial Number - Anchor Length 32 ft. Size 5 1/2 OD in.
Did Well Flow? No Reversed Out - Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 FH in.Blow: Weak through initial flow period; dead twenty minutes on final flow period.

Recovered 30 ft. of muddy oil 40% mud; 10% water; 45% oil; 5% gas
Recovered 60 ft. of muddy oil 35% mud; 12% water; 48% oil; 5% gas

Recovered - ft. of -
Recovered - ft. of TIGHT HOLE

Recovered - ft. of -
Remarks: READ OUTSIDE CHART

Time Set Packer(s) 12:25 ~~AM~~ P.M. Time Started Off Bottom 3:25 A.M. P.M. Maximum Temperature 118°
Initial Hydrostatic Pressure (A) 2169 P.S.I.
Initial Flow Period Minutes 30 (B) 89 P.S.I. to (C) 81 P.S.I.
Initial Closed In Period Minutes 60 (D) 803 P.S.I.
Final Flow Period Minutes 35 (E) 136 P.S.I. to (F) 125 P.S.I.
Final Closed In Period Minutes 57 (G) 692 P.S.I.
Final Hydrostatic Pressure (H) 2084 P.S.I.

WESTERN TESTING CO., INC.

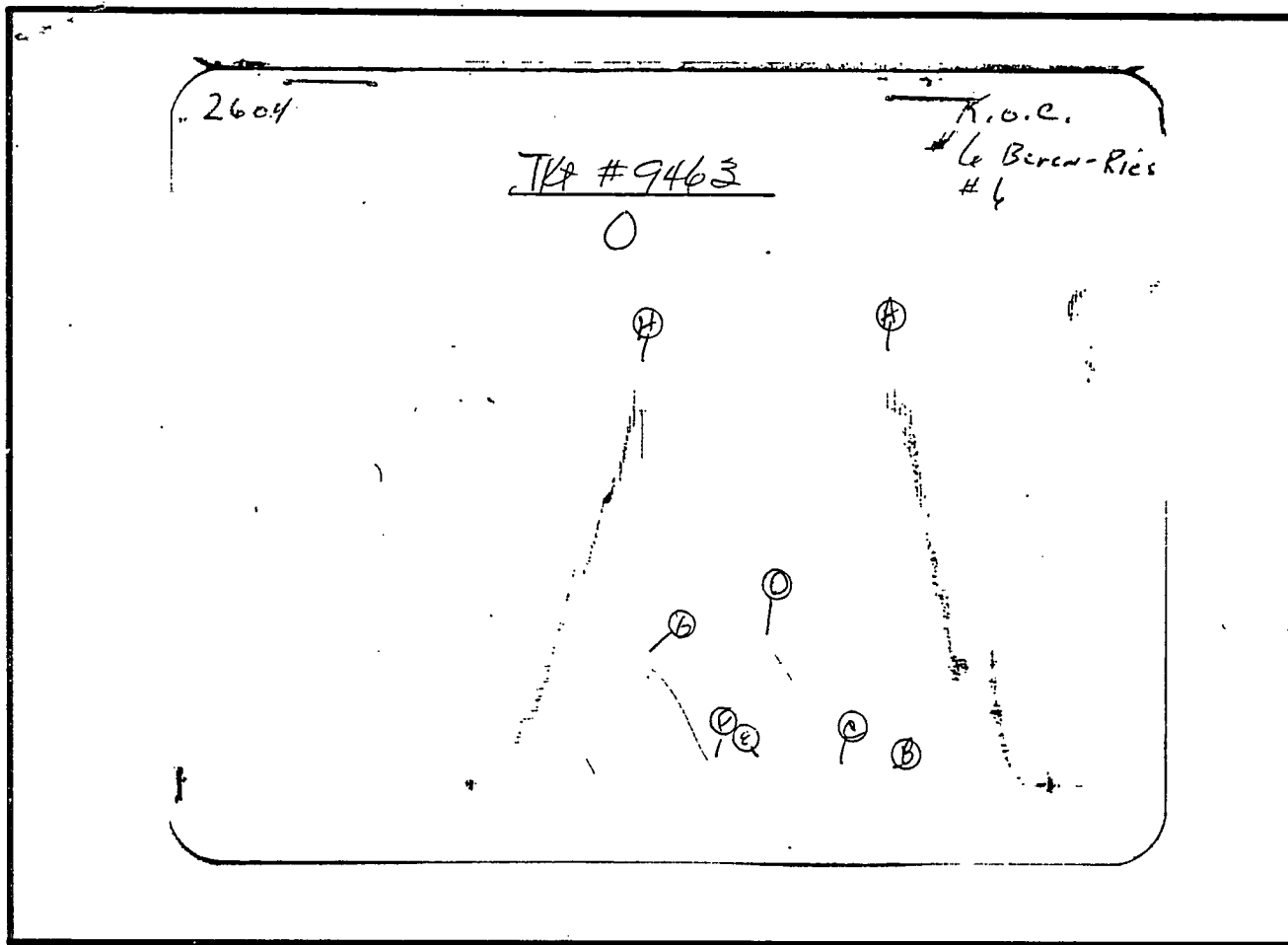
Pressure Data

Date 3/11/81 Test Ticket No. 9463
 Recorder No. 2604 Capacity 4150 Location 4002 Ft.
 Clock No. --- Elevation 2326 Kelly Bushing Well Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A. Initial Hydrostatic Mud	<u>2169</u> P.S.I.	Open Tool	<u>12:25P</u> M	
B First Initial Flow Pressure	<u>89</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>81</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>803</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>35</u> Mins.
E Second Initial Flow Pressure	<u>136</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>57</u> Mins.
F Second Final Flow Pressure	<u>125</u> P.S.I.			
G Final Closed-in Pressure	<u>692</u> P.S.I.			
H Final Hydrostatic Mud	<u>2084</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>7</u> Inc.		Breakdown: <u>19</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>89</u>	<u>0</u>	<u>81</u>	<u>0</u>	<u>136</u>	<u>0</u>	<u>125</u>
P 2 <u>5</u>	<u>82</u>	<u>3</u>	<u>83</u>	<u>5</u>	<u>125</u>	<u>3</u>	<u>125</u>
P 3 <u>10</u>	<u>82</u>	<u>6</u>	<u>89</u>	<u>10</u>	<u>125</u>	<u>6</u>	<u>149</u>
P 4 <u>15</u>	<u>81</u>	<u>9</u>	<u>104</u>	<u>15</u>	<u>125</u>	<u>9</u>	<u>191</u>
P 5 <u>20</u>	<u>81</u>	<u>12</u>	<u>128</u>	<u>20</u>	<u>125</u>	<u>12</u>	<u>226</u>
P 6 <u>25</u>	<u>81</u>	<u>15</u>	<u>168</u>	<u>25</u>	<u>125</u>	<u>15</u>	<u>267</u>
P 7 <u>30</u>	<u>81</u>	<u>18</u>	<u>218</u>	<u>30</u>	<u>125</u>	<u>18</u>	<u>320</u>
P 8		<u>21</u>	<u>277</u>	<u>35</u>	<u>125</u>	<u>21</u>	<u>369</u>
P 9		<u>24</u>	<u>342</u>			<u>24</u>	<u>417</u>
P10		<u>27</u>	<u>410</u>			<u>27</u>	<u>455</u>
P11		<u>30</u>	<u>468</u>			<u>30</u>	<u>498</u>
P12		<u>33</u>	<u>519</u>			<u>33</u>	<u>527</u>
P13		<u>36</u>	<u>563</u>			<u>36</u>	<u>559</u>
P14		<u>39</u>	<u>605</u>			<u>39</u>	<u>586</u>
P15		<u>42</u>	<u>642</u>			<u>42</u>	<u>611</u>
P16		<u>45</u>	<u>676</u>			<u>45</u>	<u>634</u>
P17		<u>48</u>	<u>707</u>			<u>48</u>	<u>657</u>
P18		<u>51</u>	<u>738</u>			<u>51</u>	<u>678</u>
P19		<u>54</u>	<u>763</u>			<u>54</u>	<u>690</u>
P20		<u>57</u>	<u>788</u>			<u>57</u>	<u>692</u>
WTC - 4		<u>60</u>	<u>803</u>				



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2057	2169	PSI
(B) First Initial Flow Pressure	39	89	PSI
(C) First Final Flow Pressure	39	81	PSI
(D) Initial Closed-in Pressure	759	803	PSI
(E) Second Initial Flow Pressure	65	136	PSI
(F) Second Final Flow Pressure	65	125	PSI
(G) Final Closed-in Pressure	680	692	PSI
(H) Final Hydrostatic Mud	2031	2084	PSI