



Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

S.V.A. Ranch #1

Company Kansas Oil Corporation Lease & Well No. _____
Elevation 2344 Kelly Bushing Formation Toronto/Lansing Effective Pay _____ Ft. Ticket No. 1997
Date 12/20/78 Sec. 21 Twp. 11S Range 22W County Trego State Kansas
Test Approved by D.C. Marchant Western Representative Ken Metzler
Formation Test No. 1 Interval Tested from 3580' ft. to 3686' ft. Total Depth 3686' ft.
Packer Depth 3575 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 3580 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set --
Top Recorder Depth (Inside) 3612 ft. Recorder Number 1566 Cap. 4300
Bottom Recorder Depth (Outside) 3615 ft. Recorder Number 3086 Cap. 4500
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Abercrombie #8 Drill Collar Length - I. D. - in.
Mud Type starch Viscosity 38 Weight Pipe Length 625 I. D. 2.76 in.
Weight 9.9 Water Loss 8.8 cc. Drill Pipe Length 2805 I. D. 3.8 in.
Chlorides 36,000 P.P.M. Test Tool Length 18' in. Tool Size 5 1/2 in.
Jars: Make No Serial Number - Anchor Length 106' ft. Size 5 1/2 in.
Did Well Flow? No Reversed Out No 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: Strong blow throughout test.

Recovered 650 ft. of gas in pipe
Recovered 92 ft. of gassy oil cut mud (52% gas; 16% oil; 32% mud) 2nd stand
Recovered 558 ft. of gassy mud cut oil (10% gas; 48% oil; 42% mud) 3rd stand
(15% gas; 69% oil; 16% mud) 5th stand
Recovered - ft. of (22% gas; 48% oil; 30% mud) Bottom
Remarks: No water

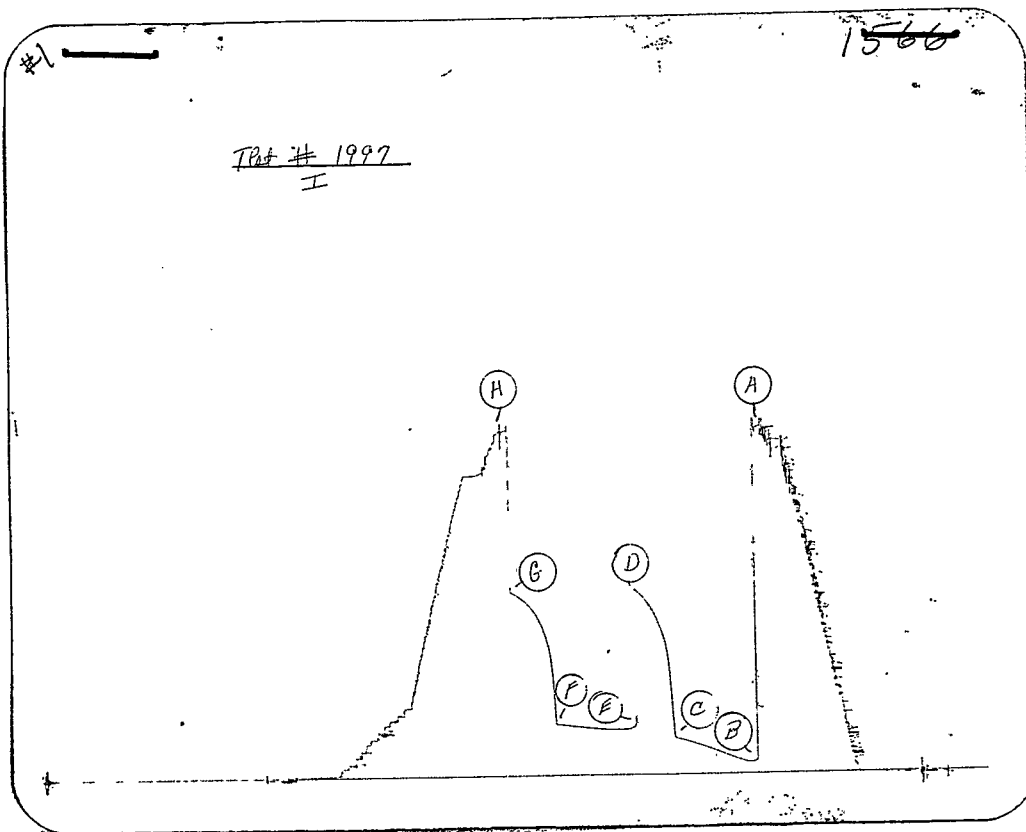
Time Set Packer(s) 3:27 A.M. Time Started Off Bottom 6:30 A.M. Maximum Temperature 113
Initial Hydrostatic Pressure (A) 1967 P.S.I.
Initial Flow Period Minutes 60 (B) 76 P.S.I. to (C) 201 P.S.I.
Initial Closed In Period Minutes 30 (D) 1030 P.S.I.
Final Flow Period Minutes 60 (E) 279 P.S.I. to (F) 284 P.S.I.
Final Closed In Period Minutes 30 (G) 1026 P.S.I.
Final Hydrostatic Pressure (H) 1961 P.S.I.

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

Date 12/20/78 Test Ticket No. 1997
 Recorder No. 1566 Capacity 4300 Location 3612 Ft.
 Clock No. -- Elevation 2344 Kelly Bushing Well Temperature 113 °F
 Point Pressure Time Given Time Computed
 A. Initial Hydrostatic Mud 1967 P.S.I. Open Tool 3:27A M
 B. First Initial Flow Pressure 76 P.S.I. First Flow Pressure 60 Mins. 60 Mins.
 C. First Final Flow Pressure 201 P.S.I. Initial Closed-in Pressure 30 Mins. 30 Mins.
 D. Initial Closed-in Pressure 1030 P.S.I. Second Flow Pressure 60 Mins. 60 Mins.
 E. Second Initial Flow Pressure 279 P.S.I. Final Closed-in Pressure 30 Mins. 33 Mins.
 F. Second Final Flow Pressure 284 P.S.I.
 G. Final Closed-in Pressure 1026 P.S.I.
 H. Final Hydrostatic Mud 1961 P.S.I.

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>12</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>11</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>76</u>	<u>0</u>	<u>201</u>	<u>0</u>	<u>279</u>	<u>0</u>	<u>284</u>
P 2 <u>5</u>	<u>63</u>	<u>3</u>	<u>387</u>	<u>5</u>	<u>251</u>	<u>3</u>	<u>592</u>
P 3 <u>10</u>	<u>71</u>	<u>6</u>	<u>650</u>	<u>10</u>	<u>248</u>	<u>6</u>	<u>727</u>
P 4 <u>15</u>	<u>84</u>	<u>9</u>	<u>759</u>	<u>15</u>	<u>248</u>	<u>9</u>	<u>800</u>
P 5 <u>20</u>	<u>99</u>	<u>12</u>	<u>828</u>	<u>20</u>	<u>249</u>	<u>12</u>	<u>862</u>
P 6 <u>25</u>	<u>114</u>	<u>15</u>	<u>880</u>	<u>25</u>	<u>251</u>	<u>15</u>	<u>903</u>
P 7 <u>30</u>	<u>130</u>	<u>18</u>	<u>925</u>	<u>30</u>	<u>255</u>	<u>18</u>	<u>936</u>
P 8 <u>35</u>	<u>143</u>	<u>21</u>	<u>957</u>	<u>35</u>	<u>259</u>	<u>21</u>	<u>963</u>
P 9 <u>40</u>	<u>156</u>	<u>24</u>	<u>985</u>	<u>40</u>	<u>265</u>	<u>24</u>	<u>983</u>
P10 <u>45</u>	<u>168</u>	<u>27</u>	<u>1011</u>	<u>45</u>	<u>268</u>	<u>27</u>	<u>1000</u>
P11 <u>50</u>	<u>181</u>	<u>30</u>	<u>1030</u>	<u>50</u>	<u>272</u>	<u>30</u>	<u>1013</u>
P12 <u>55</u>	<u>192</u>			<u>55</u>	<u>281</u>	<u>33</u>	<u>1026</u>
P13 <u>60</u>	<u>201</u>			<u>60</u>	<u>284</u>		
P14							
P15							
P16							
P17							
P18							
P19							
P20							



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1983	1967 PSI
(B) First Initial Flow Pressure	65	76 PSI
(C) First Final Flow Pressure	194	201 PSI
(D) Initial Closed-in Pressure	1034	1030 PSI
(E) Second Initial Flow Pressure	259	279 PSI
(F) Second Final Flow Pressure	281	284 PSI
(G) Final Closed-in Pressure	1024	1026 PSI
(H) Final Hydrostatic Mud	1961	1961 PSI



Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Kansas Oil Corporation Lease & Well No. S.V.A. Ranch #1
Elevation 2344 Kelly Bushing Formation Kansas City Effective Pay -- Ft. Ticket No. 1998
Date 12/21/78 Sec 21 Twp 11S Range 22W County Trego State Kansas
Test Approved by D.C. Marchant Western Representative Ken Metzler
Formation Test No. 2 Interval Tested from 3782' ft. to 3820 ft. Total Depth 3820' ft.
Packer Depth 3777 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 3782 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set --
Top Recorder Depth (Inside) 3812 ft. Recorder Number 1566 Cap. 4300
Bottom Recorder Depth (Outside) 3815 ft. Recorder Number 3086 Cap. 4500
Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. --
Drilling Contractor Abercrombie #8 Drill Collar Length -- I. D. -- in.
Mud Type starch Viscosity 40 Weight Pipe Length 625 I. D. 2.76 in.
Weight 10.0 Water Loss 10.4 cc. Drill Pipe Length 2931 I. D. 3.8 in.
Chlorides 36,000 P.P.M. Test Tool Length 18' in. Tool Size 5 1/2 in.
Jars: Make No Serial Number -- Anchor Length 38' ft. Size 5 1/2 in.
Did Well Flow? No Reversed Out No 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: Strong blow throughout test.

Recovered	496	ft. of	gas in pipe
Recovered	67	ft. of	gassy oil cut mud (57% gas; 11% oil; 32% mud)
Recovered	102	ft. of	gassy mud cut oil (28% gas; 52% oil; 20% mud)
Recovered	10	ft. of	clean oil
Recovered	62	ft. of	froggy oil (17% gas; 75% oil; 8% mud)

Remarks: No Water

Time Set Packer(s)	<u>4:27</u>	A.M. P.M. =	Time Started Off Bottom	<u>7:30</u>	A.M. P.M. =	Maximum Temperature	<u>113</u>
Initial Hydrostatic Pressure			(A)	<u>2080</u>	P.S.I.		
Initial Flow Period	Minutes	<u>60</u>	(B)	<u>51</u>	P.S.I. to (C)	<u>65</u>	P.S.I.
Initial Closed In Period	Minutes	<u>30</u>	(D)	<u>661</u>	P.S.I.		
Final Flow Period	Minutes	<u>60</u>	(E)	<u>108</u>	P.S.I. to (F)	<u>93</u>	P.S.I.
Final Closed In Period	Minutes	<u>30</u>	(G)	<u>590</u>	P.S.I.		
Final Hydrostatic Pressure			(H)	<u>2069</u>	P.S.I.		

WESTERN TESTING CO., INC.

Pressure Data

Date 12/21/78 Test Ticket No. 1998
 Recorder No. 1566 Capacity 4300 Location 3812 Ft.
 Clock No. -- Elevation 2344 Kelly Bushing Well Temperature 113 °F
 Point Pressure Time Given Time Computed
 A. Initial Hydrostatic Mud 2080 P.S.I. Open Tool 4:27A M
 B First Initial Flow Pressure 51 P.S.I. First Flow Pressure 60 Mins 60 Mins.
 C First Final Flow Pressure 65 P.S.I. Initial Closed-in Pressure 30 Mins 30 Mins.
 D Initial Closed-in Pressure 661 P.S.I. Second Flow Pressure 60 Mins 60 Mins.
 E Second Initial Flow Pressure 108 P.S.I. Final Closed-in Pressure 30 Mins 30 Mins.
 F Second Final Flow Pressure 93 P.S.I.
 G Final Closed-in Pressure 590 P.S.I.
 H Final Hydrostatic Mud 2069 P.S.I.

PRESSURE BREAKDOWN

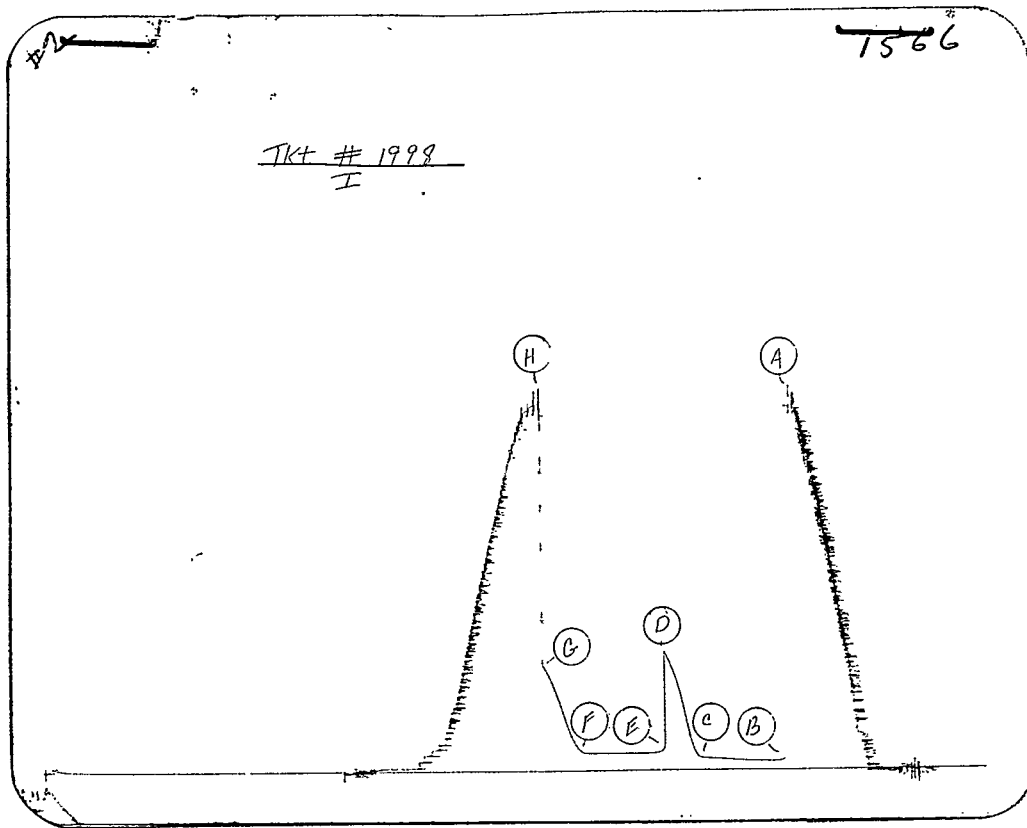
First Flow Pressure
 Breakdown: 12 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Initial Shut-In
 Breakdown: 10 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Second Flow Pressure
 Breakdown: 12 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Final Shut-In
 Breakdown: 10 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>51</u>	<u>0</u>	<u>65</u>	<u>0</u>	<u>108</u>	<u>0</u>	<u>93</u>
P 2 <u>5</u>	<u>50</u>	<u>3</u>	<u>78</u>	<u>5</u>	<u>95</u>	<u>3</u>	<u>108</u>
P 3 <u>10</u>	<u>48</u>	<u>6</u>	<u>108</u>	<u>10</u>	<u>93</u>	<u>6</u>	<u>134</u>
P 4 <u>15</u>	<u>48</u>	<u>9</u>	<u>166</u>	<u>15</u>	<u>93</u>	<u>9</u>	<u>164</u>
P 5 <u>20</u>	<u>48</u>	<u>12</u>	<u>259</u>	<u>20</u>	<u>93</u>	<u>12</u>	<u>216</u>
P 6 <u>25</u>	<u>51</u>	<u>15</u>	<u>361</u>	<u>25</u>	<u>93</u>	<u>15</u>	<u>274</u>
P 7 <u>30</u>	<u>54</u>	<u>18</u>	<u>459</u>	<u>30</u>	<u>93</u>	<u>18</u>	<u>342</u>
P 8 <u>35</u>	<u>54</u>	<u>21</u>	<u>528</u>	<u>35</u>	<u>93</u>	<u>21</u>	<u>407</u>
P 9 <u>40</u>	<u>56</u>	<u>24</u>	<u>583</u>	<u>40</u>	<u>93</u>	<u>24</u>	<u>463</u>
P10 <u>45</u>	<u>58</u>	<u>27</u>	<u>635</u>	<u>45</u>	<u>93</u>	<u>27</u>	<u>525</u>
P11 <u>50</u>	<u>60</u>	<u>30</u>	<u>661</u>	<u>50</u>	<u>93</u>	<u>30</u>	<u>590</u>
P12 <u>55</u>	<u>62</u>			<u>55</u>	<u>93</u>		
P13 <u>60</u>	<u>65</u>			<u>60</u>	<u>93</u>		
P14							
P15							
P16							
P17							
P18							
P19							
P20							



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	2091	2080
(B) First Initial Flow Pressure	54	51
(C) First Final Flow Pressure	76	65
(D) Initial Closed-in Pressure	669	661
(E) Second Initial Flow Pressure	97	108
(F) Second Final Flow Pressure	97	93
(G) Final Closed-in Pressure	583	590
(H) Final Hydrostatic Mud	2064	2069



Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Kansas Oil Corporation Lease & Well No. S.V.A. Ranch #1
Elevation 2344 Kelly Bushing Formation Marmaton Effective Pay -- Ft. Ticket No. 1999
Date 12/22/78 Sec. 21 Twp. 11S Range 22W County Trego State Kansas
Test Approved by D.C. Marchant Western Representative Ken Metzler
Formation Test No. 3 Interval Tested from 3942' ft. to 3975' ft. Total Depth 3975' ft.
Packer Depth 3937' ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 3942' ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set --
Top Recorder Depth (Inside) 3967 ft. Recorder Number 1566 Cap. 4300
Bottom Recorder Depth (Outside) 3970 ft. Recorder Number 3086 Cap. 4500
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Abercrombie #8 Drill Collar Length - I. D. - in.
Mud Type starch Viscosity 38 Weight Pipe Length 625 I. D. 2.76 in.
Weight 10.0 Water Loss 8.0 cc. Drill Pipe Length 3086 I. D. 3.8 in.
Chlorides 34,000 P.P.M. Test Tool Length 18' Tool Size 5 1/2 in.
Jars: Make No Serial Number - Anchor Length 33' ft. Size 5 1/2 in.
Did Well Flow? No Reversed Out No 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: Very weak blow. Dead in 55 minutes first opening; no blow on second opening.

Recovered 1+ ft. of clean oil
Recovered 30 ft. of heavy oil cut mud (9% gas; 45% oil; 46% mud)
Recovered 90 ft. of oil specked mud (15% gas; 8% oil; 77% mud)
Recovered - ft. of No water

Recovered - ft. of -
Remarks: Slid 10' to bottom after opening. Had trouble coming off bottom with tool. Pulled 100,000 lb. over wt. of pipe.

Time Set Packer(s)	<u>7:42</u>	<u>A.M.</u> <u>P.M.</u>	Time Started Off Bottom	<u>11:45</u>	<u>A.M.</u> <u>P.M.</u>	Maximum Temperature	<u>116</u>
Initial Hydrostatic Pressure				(A) <u>2069</u>	P.S.I.		
Initial Flow Period	Minutes <u>60</u>			(B) <u>95</u>	P.S.I. to (C)	<u>65</u>	P.S.I.
Initial Closed In Period	Minutes <u>60</u>			(D) <u>1199</u>	P.S.I.		
Final Flow Period	Minutes <u>60</u>			(E) <u>112</u>	P.S.I. to (F)	<u>74</u>	P.S.I.
Final Closed In Period	Minutes <u>60</u>			(G) <u>1143</u>	P.S.I.		
Final Hydrostatic Pressure				(H) <u>2063</u>	P.S.I.		

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

Date 12-22-78 Test Ticket No. 1999
 Recorder No. 1566 Capacity 4300 Location 3967 Ft.
 Clock No. - Elevation 2344 Kelly Bushing Well Temperature 116 °F

Point	Pressure		Time Given	Time Computed
A. Initial Hydrostatic Mud	<u>2069</u> P.S.I.	Open Tool	<u>7:42A.</u>	<u>M</u>
B First Initial Flow Pressure	<u>95</u> P.S.I.	First Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
C First Final Flow Pressure	<u>65</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>1199</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>112</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>57</u> Mins.
F Second Final Flow Pressure	<u>74</u> P.S.I.			
G Final Closed-in Pressure	<u>1143</u> P.S.I.			
H Final Hydrostatic Mud	<u>2063</u> P.S.I.			

PRESSURE BREAKDOWN

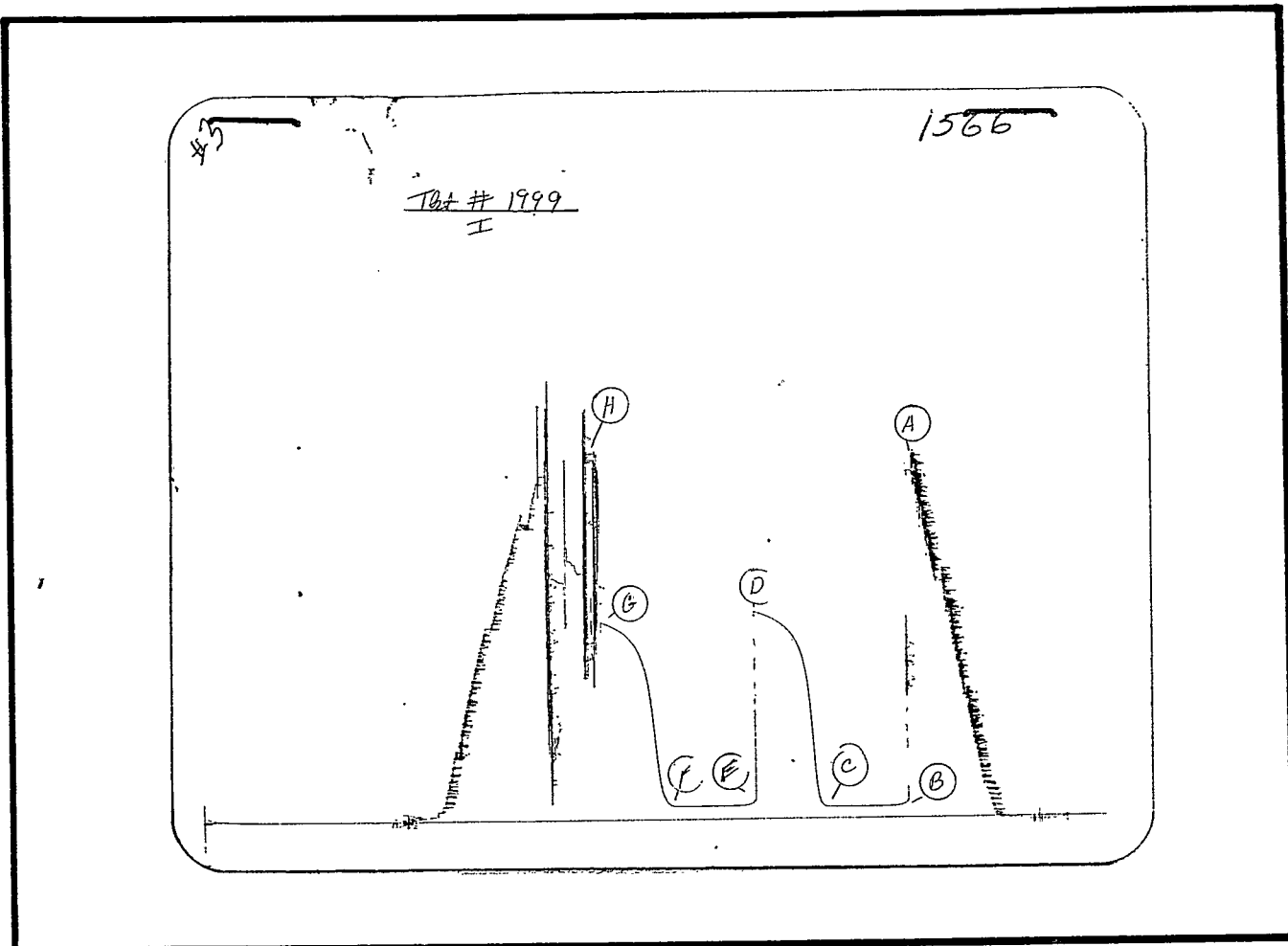
First Flow Pressure
 Breakdown: 12 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Initial Shut-In
 Breakdown: 20 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Second Flow Pressure
 Breakdown: 12 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Final Shut-In
 Breakdown: 19 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>95</u>	<u>0</u>	<u>65</u>	<u>0</u>	<u>112</u>	<u>0</u>	<u>74</u>
P 2 <u>5</u>	<u>76</u>	<u>3</u>	<u>65</u>	<u>5</u>	<u>82</u>	<u>3</u>	<u>82</u>
P 3 <u>10</u>	<u>69</u>	<u>6</u>	<u>71</u>	<u>10</u>	<u>76</u>	<u>6</u>	<u>102</u>
P 4 <u>15</u>	<u>67</u>	<u>9</u>	<u>93</u>	<u>15</u>	<u>74</u>	<u>9</u>	<u>145</u>
P 5 <u>20</u>	<u>65</u>	<u>12</u>	<u>205</u>	<u>20</u>	<u>74</u>	<u>12</u>	<u>248</u>
P 6 <u>25</u>	<u>65</u>	<u>15</u>	<u>472</u>	<u>25</u>	<u>74</u>	<u>15</u>	<u>437</u>
P 7 <u>30</u>	<u>65</u>	<u>18</u>	<u>671</u>	<u>30</u>	<u>74</u>	<u>18</u>	<u>624</u>
P 8 <u>35</u>	<u>65</u>	<u>21</u>	<u>822</u>	<u>35</u>	<u>74</u>	<u>21</u>	<u>768</u>
P 9 <u>40</u>	<u>65</u>	<u>24</u>	<u>918</u>	<u>40</u>	<u>74</u>	<u>24</u>	<u>865</u>
P10 <u>45</u>	<u>65</u>	<u>27</u>	<u>989</u>	<u>45</u>	<u>74</u>	<u>27</u>	<u>931</u>
P11 <u>50</u>	<u>65</u>	<u>30</u>	<u>1034</u>	<u>50</u>	<u>74</u>	<u>30</u>	<u>981</u>
P12 <u>55</u>	<u>65</u>	<u>33</u>	<u>1068</u>	<u>55</u>	<u>74</u>	<u>33</u>	<u>1020</u>
P13 <u>60</u>	<u>65</u>	<u>36</u>	<u>1094</u>	<u>60</u>	<u>74</u>	<u>36</u>	<u>1045</u>
P14		<u>39</u>	<u>1118</u>			<u>39</u>	<u>1066</u>
P15		<u>42</u>	<u>1135</u>			<u>42</u>	<u>1086</u>
P16		<u>45</u>	<u>1148</u>			<u>45</u>	<u>1101</u>
P17		<u>48</u>	<u>1163</u>			<u>48</u>	<u>1113</u>
P18		<u>51</u>	<u>1173</u>			<u>51</u>	<u>1124</u>
P19		<u>54</u>	<u>1184</u>			<u>54</u>	<u>1135</u>
P20		<u>57</u>	<u>1190</u>			<u>57</u>	<u>1143</u>
		<u>60</u>	<u>1190</u>				



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	2069	2069 PSI
(B) First Initial Flow Pressure	65	95 PSI
(C) First Final Flow Pressure	65	65 PSI
(D) Initial Closed-in Pressure	1205	1199 PSI
(E) Second Initial Flow Pressure	86	112 PSI
(F) Second Final Flow Pressure	86	74 PSI
(G) Final Closed-in Pressure	1152	1143 PSI
(H) Final Hydrostatic Mud	2048	2063 PSI



Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

S.V.A. Ranch #1

Company Kansas Oil Corporation Lease & Well No. ---
Elevation 2344 Kelly Bushing Formation Arbuckle Effective Pay --- Ft. Ticker No. 2000
Date 12/23/78 Sec 21 Twp 11S Range 22W County Trego State Kansas
Test Approved by D.C. Marchant Western Representative Ken Metzler
Formation Test No. 4 Interval Tested from 4006' ft. to 4020' ft. Total Depth 4020' ft.
Packer Depth 4001 ft. Size 6 3/4 in. Packer Depth --- ft. Size --- in.
Packer Depth 4006 ft. Size 6 3/4 in. Packer Depth --- ft. Size --- in.
Depth of Selective Zone Set ---
Top Recorder Depth (Inside) 4011 ft. Recorder Number 1566 Cap. 4300
Bottom Recorder Depth (Outside) 4014 ft. Recorder Number 3086 Cap. 4500
Below Straddle Recorder Depth --- ft. Recorder Number --- Cap. ---
Drilling Contractor Abercrombie #8 Drill Collar Length --- I. D. --- in.
Mud Type starch Viscosity 40 Weight Pipe Length 625 I. D. 2.76 in.
Weight 9.8 Water Loss 10.4 cc. Drill Pipe Length 3116 I. D. 3.8 in.
Chlorides 34,000 P.P.M. Test Tool Length 18' in. Tool Size 5 1/2 in.
Jars: Make No Serial Number --- Anchor Length 14' ft. Size 5 1/2 in.
Did Well Flow? No Reversed Out No 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: Fair blow throughout test.

Recovered 62 ft. of heavy oil cut mud (10% gas; 35% oil; 55% mud)

Recovered --- ft. of No water.

Recovered --- ft. of ---

Recovered --- ft. of ---

Recovered --- ft. of ---

Remarks: ---

Time Set Packer(s) 4:27 A.M. Time Started Off Bottom 6:30 PM Maximum Temperature 117
Initial Hydrostatic Pressure --- (A) 2158 P.S.I.
Initial Flow Period --- Minutes 30 (B) 39 P.S.I. to (C) 27 P.S.I.
Initial Closed In Period --- Minutes 30 (D) 372 P.S.I.
Final Flow Period --- Minutes 30 (E) 56 P.S.I. to (F) 37 P.S.I.
Final Closed In Period --- Minutes 30 (G) 210 P.S.I.
Final Hydrostatic Pressure --- (H) 2119 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 12/23/78 Test Ticket No. 2000
 Recorder No. 1566 Capacity 4300 Location 4011 Ft.
 Clock No. -- Elevation 2344 Kelly Bushing Well Temperature 117 °F

Point	Pressure		Time Given	Time Computed
A. Initial Hydrostatic Mud	2158	P.S.I.	4:27A	M
B. First Initial Flow Pressure	39	P.S.I.	30	Mins. 30
C. First Final Flow Pressure	27	P.S.I.	30	Mins. 30
D. Initial Closed-in Pressure	372	P.S.I.	30	Mins. 30
E. Second Initial Flow Pressure	56	P.S.I.	30	Mins. 30
F. Second Final Flow Pressure	37	P.S.I.		
G. Final Closed-in Pressure	210	P.S.I.		
H. Final Hydrostatic Mud	2119	P.S.I.		

PRESSURE BREAKDOWN

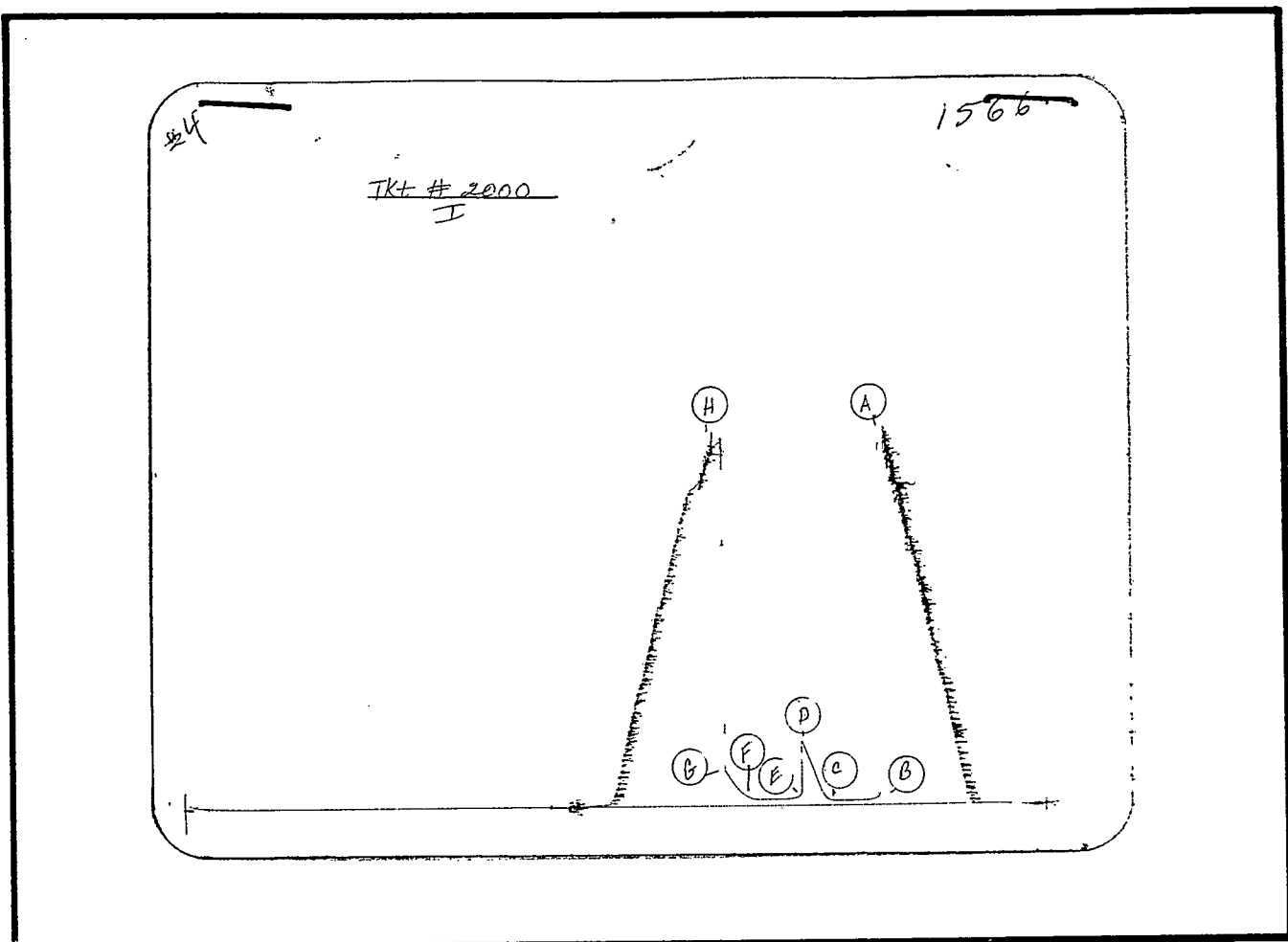
First Flow Pressure
 Breakdown: 6 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Initial Shut-In
 Breakdown: 10 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Second Flow Pressure
 Breakdown: 6 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Final Shut-In
 Breakdown: 10 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	39	0	27	0	56	0	37
P 2 5	32	3	27	5	43	3	41
P 3 10	28	6	30	10	39	6	52
P 4 15	27	9	39	15	37	9	60
P 5 20	27	12	63	20	37	12	80
P 6 25	27	15	104	25	37	15	102
P 7 30	27	18	162	30	37	18	132
P 8		21	220			21	166
P 9		24	274			24	179
P 10		27	329			27	194
P 11		30	372			30	210
P 12							
P 13							
P 14							
P 15							
P 16							
P 17							
P 18							
P 19							
P 20							



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	2145	2158 PSI
(B) First Initial Flow Pressure	32	39 PSI
(C) First Final Flow Pressure	32	27 PSI
(D) Initial Closed-in Pressure	378	372 PSI
(E) Second Initial Flow Pressure	43	56 PSI
(F) Second Final Flow Pressure	43	37 PSI
(G) Final Closed-in Pressure	205	210 PSI
(H) Final Hydrostatic Mud	2124	2119 PSI