



WESTERN TESTING CO., Inc.
P. O. Box 1599
WICHITA, KANSAS
67201

DATE 8/29/78

Brunson-Spines
615 Fourth Financial Center
Wichita, Kansas 67202

CHARGE TO

Well Report No.
Unit No.
District

1857

FOR CUSTOMER'S USE ONLY

Register No.	Voucher No.
Terms Approved	Price Approved
Calculations Checked	
Adjustments	
Accounting Distribution	
Audited	Final Approval

Your Order No.	Owner	Contractor
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Well No.	Farm	County	Sec.	Twp.	Range
#1	Durbin	E1k	3	31S	10E

One drill stem test from 2026' to 2033' (Test 1) \$ 415.00

POSTED

Discount \$ 4.15	1% Discount Allowed on This Invoice If Paid by 20th of Following Month	Invoice No. 1857
IN REMITTING PLEASE GIVE OUR INVOICE NUMBER		

SEND ALL REMITTANCES TO POST OFFICE BOX 1599, WICHITA, KANSAS 67201



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET

No 1857

P. O. BOX 1599 PHONE (316) 838-0601
WICHITA, KANSAS 67201

Elevation 1071 & L. Formation Miss. Eff. Pay — Ft.

District Augusta Date 8-29-78 Customer Order No. —

COMPANY NAME Brunson & Spence

ADDRESS 615 Fourth Financial Center - Wichita - Kans. 67202

LEASE AND WELL NO. Durbin #1 COUNTY Elk STATE Kansas Sec. 3 Twp. 31S Rge. 10E

Mail Invoice To Co. Name Address No. Copies Requested 1

Mail Charts To Address No. Copies Requested 5

Formation Test No. 1 Interval Tested from 2026 ft. to 2033 ft. Total Depth 2033 ft.

Packer Depth 2026 ft. Size 5 1/2 in. Packer Depth — ft. Size — in.

Packer Depth — ft. Size — in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set —

Top Recorder Depth (Inside) 2019 ft. Recorder Number 1559 Cap. 4200

Bottom Recorder Depth (Outside) 2030 ft. Recorder Number 1558 Cap. 4200

Below Straddle Recorder Depth — ft. Recorder Number — Cap. —

Drilling Contractor Alco #6 Drill Collar Length 92 I. D. 2 in.

Mud Type Chem Viscosity 51 Weight Pipe Length — I. D. — in.

Weight 9.5 Water Loss 13.6 cc. Drill Pipe Length 1916 I. D. 2.7 in.

Chlorides 1800 P.P.M. Test Tool Length 25 in. Tool Size 4 1/2 in.

Jars: Make — Serial Number — Anchor Length 7 ft. Size 4 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 6 1/4 in. Tool Joint Size 3 1/2 in.

Blow: Fair decreasing to dead in 20 min. on F.F.P. 50 min. total

Recovered 110 ft. of slightly oil cut drg. mud

Recovered — ft. of —

Recovered — ft. of —

Recovered — ft. of —

Recovered — ft. of —

Remarks: 70 mi. from Augusta to formation 20 mi. @ 600 per min #12-00
Read outside recorder

Time Set Packer(s) 6:46 A.M. Time Started Off Bottom 8:48 A.M. Maximum Temperature none taken

Initial Hydrostatic Pressure 1027 P.S.I. (A) 1027 P.S.I.

Initial Flow Period 30 Minutes (B) 52 P.S.I. to (C) 52 P.S.I.

Initial Closed In Period 30 Minutes (D) 1006 P.S.I.

Final Flow Period 30 Minutes (E) 73 P.S.I. to (F) 84 P.S.I.

Final Closed In Period 30 Minutes (G) 933 P.S.I.

Final Hydrostatic Pressure (H) 1027 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By [Signature] Signature of Customer or his authorized representative

Western Representative Tim Wilson
On location 2:45 p.m.
Job Complete 11:35 p.m.
Standby for BOB #2

FIELD INVOICE

Open Hole Test \$415.00
Misrun \$
Straddle Test \$
Jars \$
Selective Zone \$
Safety Joint \$
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$
Mileage \$12.00
Extra Charts \$

TOTAL \$427.00

WESTERN TESTING CO., INC.

Pressure Data

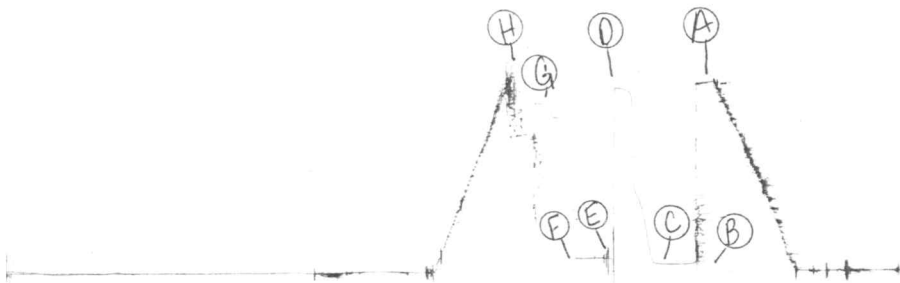
Date 8-29-78 Test Ticket No. 1857
 Recorder No. 1558 Capacity 4200 Location 2030 Ft.
 Clock No. - Elevation 1071 ground level Well Temperature - °F
 Point Pressure Time Given Time Computed
 A Initial Hydrostatic Mud 1038 P.S.I. Open Tool 6:46 P M
 B First Initial Flow Pressure 53 P.S.I. First Flow Pressure 30 Mins. 30 Mins.
 C First Final Flow Pressure 40 P.S.I. Initial Closed-in Pressure 30 Mins. 30 Mins.
 D Initial Closed-in Pressure 1000 P.S.I. Second Flow Pressure 30 Mins. 30 Mins.
 E Second Initial Flow Pressure 68 P.S.I. Final Closed-in Pressure 30 Mins. 30 Mins.
 F Second Final Flow Pressure 68 P.S.I.
 G Final Closed-in Pressure 923 P.S.I.
 H Final Hydrostatic Mud 1010 P.S.I.

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>10</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>53</u>	<u>0</u>	<u>40</u>	<u>0</u>	<u>68</u>	<u>0</u>	<u>68</u>
P 2 <u>5</u>	<u>38</u>	<u>3</u>	<u>66</u>	<u>5</u>	<u>68</u>	<u>3</u>	<u>743</u>
P 3 <u>10</u>	<u>34</u>	<u>6</u>	<u>175</u>	<u>10</u>	<u>74</u>	<u>6</u>	<u>793</u>
P 4 <u>15</u>	<u>34</u>	<u>9</u>	<u>316</u>	<u>15</u>	<u>68</u>	<u>9</u>	<u>824</u>
P 5 <u>20</u>	<u>36</u>	<u>12</u>	<u>392</u>	<u>20</u>	<u>68</u>	<u>12</u>	<u>833</u>
P 6 <u>25</u>	<u>36</u>	<u>15</u>	<u>441</u>	<u>25</u>	<u>↓</u>	<u>15</u>	<u>843</u>
P 7 <u>30</u>	<u>40</u>	<u>18</u>	<u>764</u>	<u>30</u>	<u>68</u>	<u>18</u>	<u>875</u>
P 8 <u>35</u>		<u>21</u>	<u>981</u>	<u>35</u>		<u>21</u>	<u>905</u>
P 9 <u>40</u>		<u>24</u>	<u>992</u>	<u>40</u>		<u>24</u>	<u>916</u>
P 10 <u>45</u>		<u>27</u>	<u>998</u>	<u>45</u>		<u>27</u>	<u>922</u>
P 11 <u>50</u>		<u>30</u>	<u>1000</u>	<u>50</u>		<u>30</u>	<u>923</u>
P 12 <u>55</u>		<u>33</u>		<u>55</u>		<u>33</u>	
P 13 <u>60</u>		<u>36</u>		<u>60</u>		<u>36</u>	
P 14		<u>39</u>		<u>65</u>		<u>39</u>	
P 15		<u>42</u>		<u>70</u>		<u>42</u>	
P 16		<u>45</u>		<u>76</u>		<u>45</u>	
P 17		<u>48</u>		<u>80</u>		<u>48</u>	
P 18		<u>51</u>		<u>85</u>		<u>51</u>	
P 19		<u>54</u>		<u>90</u>		<u>54</u>	
P 20		<u>57</u>				<u>57</u>	
		<u>60</u>				<u>60</u>	

TK+ #1857

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P. O. BOX 1599 PHONE (316) 838-0601
WICHITA, KANSAS 67201

Company Brunson - Spines Lease & Well No. Durbin #1
Elevation 1071 Ground Level Formation Mississippi Effective Pay ----- Ft. Ticket No. 1857
Date 8/29/78 Sec. 3 Twp 31S Range 10E County Elk State Kansas
Test Approved by Tom Wright Western Representative Tim Wilson
Formation Test No. 1 Interval Tested from 2026' ft. to 2033' ft. Total Depth 2033' ft.
Packer Depth 2026 ft. Size 5 1/2 in. Packer Depth -- ft. Size -- in.
Packer Depth -- ft. Size - in. Packer Depth --- ft. Size -- in.
Depth of Selective Zone Set ---
Top Recorder Depth (Inside) 2019 ft. Recorder Number 1559 Cap. 4200
Bottom Recorder Depth (Outside) 2030 ft. Recorder Number 1558 Cap. 4200
Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. --
Drilling Contractor Alco #6 Drill Collar Length 92 I. D. 2 in.
Mud Type chemical Viscosity 51 Weight Pipe Length -- I. D. -- in.
Weight 9.5 Water Loss 13.6 cc. Drill Pipe Length 1916 I. D. 2.7 in.
Chlorides 1,800 P.P.M. Test Tool Size 4 1/2 in. Tool Joint Size 3 1/2 IF in.
Jars: Make -- Serial Number -- Anchor Length 7 ft. Size 4 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 6 1/4 in.

Blow: Fair decreasing to dead in 20 minutes on final flow period. Fifty minutes total.

Recovered 110 ft. of slightly oil cut drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: Read outside recorder.

Time Set Packer(s) 6:46 ~~AM~~ P.M. Time Started Off Bottom 8:48 ~~AM~~ P.M. Maximum Temperature None taken
Initial Hydrostatic Pressure 1038 P.S.I.
Initial Flow Period 30 Minutes (B) 53 P.S.I. to (C) 40 P.S.I.
Initial Closed In Period 30 Minutes (D) 1000 P.S.I.
Final Flow Period 30 Minutes (E) 68 P.S.I. to (F) 68 P.S.I.
Final Closed In Period 30 Minutes (G) 923 P.S.I.
Final Hydrostatic Pressure 1010 P.S.I. (H)

WESTERN TESTING CO., INC.

Pressure Data

Date 8/29/78 Test Ticket No. 1857

Recorder No. 1558 Capacity 4200 Location 2030 Ft.

Clock No. -- Elevation 1071 Ground Level Well Temperature -- °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1038</u>	P.S.I.	<u>6:46P</u>	<u>M</u>
B First Initial Flow Pressure	<u>53</u>	P.S.I.	<u>30</u>	<u>30</u>
C First Final Flow Pressure	<u>40</u>	P.S.I.	<u>30</u>	<u>30</u>
D Initial Closed-in Pressure	<u>1000</u>	P.S.I.	<u>30</u>	<u>30</u>
E Second Initial Flow Pressure	<u>68</u>	P.S.I.	<u>30</u>	<u>30</u>
F Second Final Flow Pressure	<u>68</u>	P.S.I.		
G Final Closed-in Pressure	<u>923</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1010</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>10</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>10</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>53</u>	<u>0</u>	<u>40</u>	<u>0</u>	<u>68</u>	<u>0</u>	<u>68</u>
P 2 <u>5</u>	<u>38</u>	<u>3</u>	<u>66</u>	<u>5</u>	<u>68</u>	<u>3</u>	<u>743</u>
P 3 <u>10</u>	<u>34</u>	<u>6</u>	<u>175</u>	<u>10</u>	<u>74</u>	<u>6</u>	<u>793</u>
P 4 <u>15</u>	<u>34</u>	<u>9</u>	<u>316</u>	<u>15</u>	<u>68</u>	<u>9</u>	<u>824</u>
P 5 <u>20</u>	<u>36</u>	<u>12</u>	<u>392</u>	<u>20</u>	<u>68</u>	<u>12</u>	<u>833</u>
P 6 <u>25</u>	<u>36</u>	<u>15</u>	<u>441</u>	<u>25</u>	<u>68</u>	<u>15</u>	<u>843</u>
P 7 <u>30</u>	<u>40</u>	<u>18</u>	<u>764</u>	<u>30</u>	<u>68</u>	<u>18</u>	<u>875</u>
P 8		<u>21</u>	<u>981</u>			<u>21</u>	<u>905</u>
P 9		<u>24</u>	<u>992</u>			<u>24</u>	<u>916</u>
P10		<u>27</u>	<u>998</u>			<u>27</u>	<u>922</u>
P11		<u>30</u>	<u>1000</u>			<u>30</u>	<u>923</u>
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							



WESTERN TESTING CO., Inc.
P. O. Box 1599
WICHITA, KANSAS
67201

DATE 8/30/78

Brunson - Spines
615 Fourth Financial Center
Wichita, Kansas 67202

CHARGE TO

Well Report No.
Unit No.
District

FOR CUSTOMER'S USE ONLY

Register No.	Voucher No.
Terms Approved	Price Approved
Calculations Checked	
Adjustments	
Accounting Distribution	
Audited	Final Approval

Your Order No.	Owner	Contractor	Audited	Final Approval	
Well No.	Farm	County	Sec.	Twp.	Range
#1	Durbin	Elk	3	31S	10E

One drill stem test from 2031' to 2043' (Test 2) \$ 415.00

POSTED

Discount \$ 4.15	1% Discount Allowed on This Invoice If Paid by 20th of Following Month	Invoice No. 1858
IN REMITTING PLEASE GIVE OUR INVOICE NUMBER		

SEND ALL REMITTANCES TO POST OFFICE BOX 1599, WICHITA, KANSAS 67201



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET

No

1858

P. O. BOX 1599 PHONE (316) 838-0601
WICHITA, KANSAS 67201

Elevation 1071 & L Formation Miss Eff. Pay — Ft.

District Augusta Date 8-30-78 Customer Order No. —

COMPANY NAME Brunson & Spines, Inc.

ADDRESS 615 Fourth Financial Center - Wichita, Kansas. 67202

LEASE AND WELL NO. Darbin #1 COUNTY Chk STATE Kansas Sec. 3 Twp 31S Rge 10E

Mail Invoice To Same Co. Name — Address — No. Copies Requested 1

Mail Charts To Same Address — No. Copies Requested 5

Formation Test No. 2 Interval Tested from 2031 ft. to 2043 ft. Total Depth 2043 ft.

Packer Depth 2031 ft. Size 5 1/2 in. Packer Depth — ft. Size — in.

Packer Depth — ft. Size — in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set —

Top Recorder Depth (Inside) 2036 ft. Recorder Number 1559 Cap. 4200

Bottom Recorder Depth (Outside) 2039 ft. Recorder Number 1558 Cap. 4200

Below Straddle Recorder Depth — ft. Recorder Number — Cap. —

Drilling Contractor also #6

Mud Type Chem Viscosity 49

Weight 9.5 Water Loss 11.2 cc.

Chlorides 2000 P.P.M.

Jars: Make — Serial Number —

Did Well Flow? no Reversed Out no

Drill Collar Length 92 I. D. 2 in.

Weight Pipe Length — I. D. — in.

Drill Pipe Length 1921 I. D. 2.7 in.

Test Tool Length 30 in. Tool Size 4 1/2 in.

Anchor Length 12 ft. Size 4 1/2 in.

Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 6 1/4 in. Tool Joint Size 3 1/2 in.

Blow: Very weak 14 min.

Recovered 5 ft. of Dslg. Mud

Recovered — ft. of —

Recovered — ft. of —

Recovered — ft. of —

Recovered — ft. of —

Remarks: —

Time Set Packer(s) 7:18 A.M. Time Started Off Bottom 9:20 A.M. Maximum Temperature 104

Initial Hydrostatic Pressure — (A) 1012 P.S.I.

Initial Flow Period 30 Minutes (B) 20 P.S.I. to (C) 20 P.S.I.

Initial Closed In Period 30 Minutes (D) 418 P.S.I.

Final Flow Period 30 Minutes (E) 31 P.S.I. to (F) 31 P.S.I.

Final Closed In Period 30 Minutes (G) 292 P.S.I.

Final Hydrostatic Pressure — (H) 1012 P.S.I.

COMPANY TERMS

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All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By Jim Wright
Signature of Customer or his authorized representative

Western Representative Jim Wilson

on location 2:45 p.m. 8-29-78
D&J #1 Complete 11:35 p.m.
D&J #2 Complete 12:15 p.m. 8-30-78

FIELD INVOICE

Open Hole Test	\$ <u>415.00</u>
Misrun	\$ <u>—</u>
Straddle Test	\$ <u>—</u>
Jars	\$ <u>—</u>
Selective Zone	\$ <u>—</u>
Safety Joint	\$ <u>—</u>
Standby	\$ <u>—</u>
Evaluation	\$ <u>—</u>
Extra Packer	\$ <u>—</u>
Circ. Sub.	\$ <u>—</u>
Mileage	\$ <u>—</u>
Extra Charts	\$ <u>—</u>

TOTAL \$ 415.00

WESTERN TESTING CO., INC.

Pressure Data

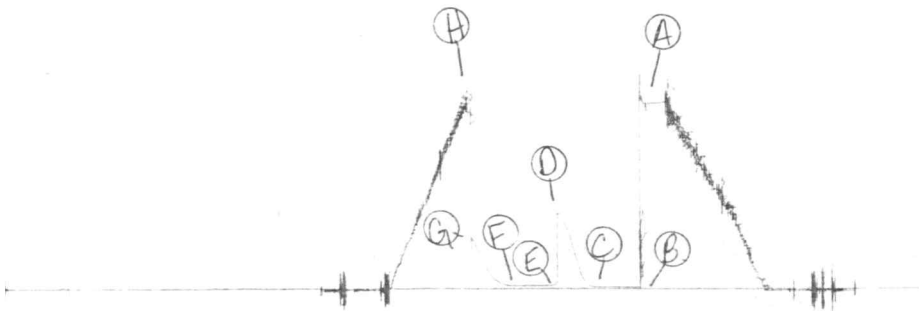
Date 8-30-78 Test Ticket No. 1858
 Recorder No. 1559 Capacity 4200 Location 2036 Ft.
 Clock No. - Elevation 1071 ground level Well Temperature 104 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1006</u>	P.S.I.	<u>7:18 A</u>	M
B First Initial Flow Pressure	<u>7</u>	P.S.I.	<u>30</u>	Mins. <u>30</u> Mins.
C First Final Flow Pressure	<u>8</u>	P.S.I.	<u>30</u>	Mins. <u>30</u> Mins.
D Initial Closed-in Pressure	<u>408</u>	P.S.I.	<u>30</u>	Mins. <u>30</u> Mins.
E Second Initial Flow Pressure	<u>31</u>	P.S.I.	<u>30</u>	Mins. <u>33</u> Mins.
F Second Final Flow Pressure	<u>16</u>	P.S.I.		
G Final Closed-in Pressure	<u>280</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1006</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>10</u> Inc.		Breakdown: <u>6</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>7</u>	<u>0</u>	<u>8</u>	<u>0</u>	<u>31</u>	<u>0</u>	<u>16</u>
P 2 <u>5</u>	<u>7</u>	<u>3</u>	<u>10</u>	<u>5</u>	<u>17</u>	<u>3</u>	<u>16</u>
P 3 <u>10</u>	<u>8</u>	<u>6</u>	<u>19</u>	<u>10</u>	<u>16</u>	<u>6</u>	<u>20</u>
P 4 <u>15</u>	<u>8</u>	<u>9</u>	<u>32</u>	<u>15</u>	<u>1</u>	<u>9</u>	<u>27</u>
P 5 <u>20</u>	<u>8</u>	<u>12</u>	<u>69</u>	<u>20</u>	<u>1</u>	<u>12</u>	<u>40</u>
P 6 <u>25</u>	<u>8</u>	<u>15</u>	<u>131</u>	<u>25</u>	<u>16</u>	<u>15</u>	<u>53</u>
P 7 <u>30</u>	<u>8</u>	<u>18</u>	<u>204</u>	<u>30</u>	<u>16</u>	<u>18</u>	<u>73</u>
P 8 <u>35</u>		<u>21</u>	<u>272</u>	<u>35</u>		<u>21</u>	<u>108</u>
P 9 <u>40</u>		<u>24</u>	<u>330</u>	<u>40</u>		<u>24</u>	<u>151</u>
P 10 <u>45</u>		<u>27</u>	<u>380</u>	<u>45</u>		<u>27</u>	<u>203</u>
P 11 <u>50</u>		<u>30</u>	<u>408</u>	<u>50</u>		<u>30</u>	<u>249</u>
P 12 <u>55</u>		<u>33</u>		<u>55</u>		<u>33</u>	<u>280</u>
P 13 <u>60</u>		<u>36</u>		<u>60</u>		<u>36</u>	
P 14		<u>39</u>		<u>65</u>		<u>39</u>	
P 15		<u>42</u>		<u>70</u>		<u>42</u>	
P 16		<u>45</u>		<u>75</u>		<u>45</u>	
P 17		<u>48</u>		<u>80</u>		<u>48</u>	
P 18		<u>51</u>		<u>85</u>		<u>51</u>	
P 19		<u>54</u>		<u>90</u>		<u>54</u>	
P 20		<u>57</u>				<u>57</u>	
		<u>60</u>				<u>60</u>	

TK-# 1858
I.





P. O. BOX 1599 PHONE (316) 838-0601
WICHITA, KANSAS 67201

Company Brunson - Spines Lease & Well No. Durbin #1
Elevation 1071 Ground Level Formation Mississippi Effective Pay -- Ft. Ticket No. 1858
Date 8/30/78 Sec. 3 Twp. 31S Range 10E County Elk State Kansas
Test Approved by Tom Wright Western Representative Tim Wilson
Formation Test No. 2 Interval Tested from 2031' ft. to 2043' ft. Total Depth 2043' ft.
Packer Depth 2031 ft. Size 5½ in. Packer Depth -- ft. Size -- in.
Packer Depth -- ft. Size -- in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set ----
Top Recorder Depth (Inside) 2036 ft. Recorder Number 1559 Cap. 4200
Bottom Recorder Depth (Outside) 2039 ft. Recorder Number 1558 Cap. 4200
Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. --
Drilling Contractor Alco #6 Drill Collar Length 92 I. D. 2 in.
Mud Type chemical Viscosity 49 Weight Pipe Length -- I. D. -- in.
Weight 9.5 Water Loss 11.2 cc. Drill Pipe Length 1921 I. D. 2.7 in.
Chlorides 2,000 P.P.M. Test Tool Size 4½ in. Tool Joint Size 3½ IF in.
Jars: Make -- Serial Number -- Anchor Length 12 ft. Size 4½ in.
Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 6¼ in.

Blow: Very weak fourteen minutes.

Recovered 5 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 7:18 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 9:20 ~~P.M.~~ ^{A.M.} Maximum Temperature 104
Initial Hydrostatic Pressure (A) 1006 P.S.I.
Initial Flow Period Minutes 30 (B) 7 P.S.I. to (C) 8 P.S.I.
Initial Closed In Period Minutes 30 (D) 408 P.S.I.
Final Flow Period Minutes 30 (E) 31 P.S.I. to (F) 16 P.S.I.
Final Closed In Period Minutes 30 (G) 280 P.S.I.
Final Hydrostatic Pressure (H) 1006 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 8/30/78 Test Ticket No. 1858

Recorder No. 1559 Capacity 4200 Location 2036 Ft.

Clock No. -- Elevation 1071 Ground Level Well Temperature 104 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1006</u> P.S.I.	Open Tool	<u>7:18A</u> M	
B First Initial Flow Pressure	<u>7</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>8</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>408</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>31</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>33</u> Mins.
F Second Final Flow Pressure	<u>16</u> P.S.I.			
G Final Closed-in Pressure	<u>280</u> P.S.I.			
H Final Hydrostatic Mud	<u>1006</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>10</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>10</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>7</u>	<u>0</u>	<u>8</u>	<u>0</u>	<u>31</u>	<u>0</u>	<u>16</u>
P 2 <u>5</u>	<u>7</u>	<u>3</u>	<u>10</u>	<u>5</u>	<u>17</u>	<u>3</u>	<u>16</u>
P 3 <u>10</u>	<u>8</u>	<u>6</u>	<u>19</u>	<u>10</u>	<u>16</u>	<u>6</u>	<u>20</u>
P 4 <u>15</u>	<u>8</u>	<u>9</u>	<u>32</u>	<u>15</u>	<u>16</u>	<u>9</u>	<u>27</u>
P 5 <u>20</u>	<u>8</u>	<u>12</u>	<u>69</u>	<u>20</u>	<u>16</u>	<u>12</u>	<u>40</u>
P 6 <u>25</u>	<u>8</u>	<u>15</u>	<u>131</u>	<u>25</u>	<u>16</u>	<u>15</u>	<u>53</u>
P 7 <u>30</u>	<u>8</u>	<u>18</u>	<u>204</u>	<u>30</u>	<u>16</u>	<u>18</u>	<u>73</u>
P 8		<u>21</u>	<u>272</u>			<u>21</u>	<u>108</u>
P 9		<u>24</u>	<u>330</u>			<u>24</u>	<u>151</u>
P10		<u>27</u>	<u>380</u>			<u>27</u>	<u>203</u>
P11		<u>30</u>	<u>408</u>			<u>30</u>	<u>249</u>
P12						<u>33</u>	<u>280</u>
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							