



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET No 14918

P. O. BOX 1599 PHONE (316) 262-5861 WICHITA, KANSAS 67201

Elevation 1980 KB Formation Fort Scott Eff. Pay Ft.

District Pratt Date 8-3-82 Customer Order No.

COMPANY NAME Hummon Oil Corp. ADDRESS 400 One Main Place, Wichita, Ks 67202

LEASE AND WELL NO. Victor #2 COUNTY COMANCHE STATE Ks. Sec. 3 Twp 33 Rge 17

Mail Invoice To Same Co. Name Address No. Copies Requested 5

Mail Charts To Same Address No. Copies Requested 5

Formation Test No. 1 Interval Tested from 5013 ft. to 5048 ft. Total Depth 5048 ft. Packer Depth 5013 ft. Size 6 3/4 in.

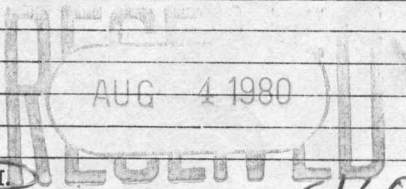
Top Recorder Depth (Inside) 5016 ft. Recorder Number 11019 Cap. 4500 Bottom Recorder Depth (Outside) 5019 ft. Recorder Number 1560 Cap. 4500

Drilling Contractor D.B. LAUCK Mud Type chemical Viscosity 41 Weight 9.3 Water Loss 10 cc. Chlorides 21000 P.P.M. Drill Collar Length 394 I. D. 3.2 in. Weight Pipe Length I. D. in. Drill Pipe Length 4603 I. D. 3.8 in. Test Tool Length 16 ft. Tool Size 5 1/2 in. Anchor Length 35 ft. Size 5 1/2 in. Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in. Main Hole Size 7 7/8 in. Tool Joint Size 3 1/2 in.

Blow: I.F.P. - Good Thru Out Test F.I.P. - Good

Recovered 80 ft. of mud Recovered 1700 ft. of gas in pipe

Remarks:



Time On Location 5:00 A.M. Time Pick Up Tool 7:45 A.M. Time Off Location 2:00 A.M. Time Set Packer(s) 9:55 A.M. Time Started Off Bottom 12:55 A.M. Maximum Temperature 124.0 F. Initial Hydrostatic Pressure (A) 2511 P.S.I. Initial Flow Period (B) 30 Minutes (C) 69 P.S.I. Initial Closed In Period (D) 60 Minutes (E) 65 P.S.I. Final Flow Period (E) 30 Minutes (F) 69 P.S.I. Final Closed In Period (G) 60 Minutes (H) 99 P.S.I. Final Hydrostatic Pressure (H) 2466 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 Tim Pierce Signature of Customer or his authorized representative

Western Representative Louis Spencer

FIELD INVOICE

Table with 2 columns: Item, Amount. Includes Open Hole Test (\$775.00), Mileage 66 (\$49.50), and TOTAL (\$824.50).

WESTERN TESTING CO., INC.

Pressure Data

Date 8-3 Recorder No. 11019 Capacity 4500 Test Ticket No. 14918
 Location 5016 Ft. Elevation 1980 KB Well Temperature 124 °F

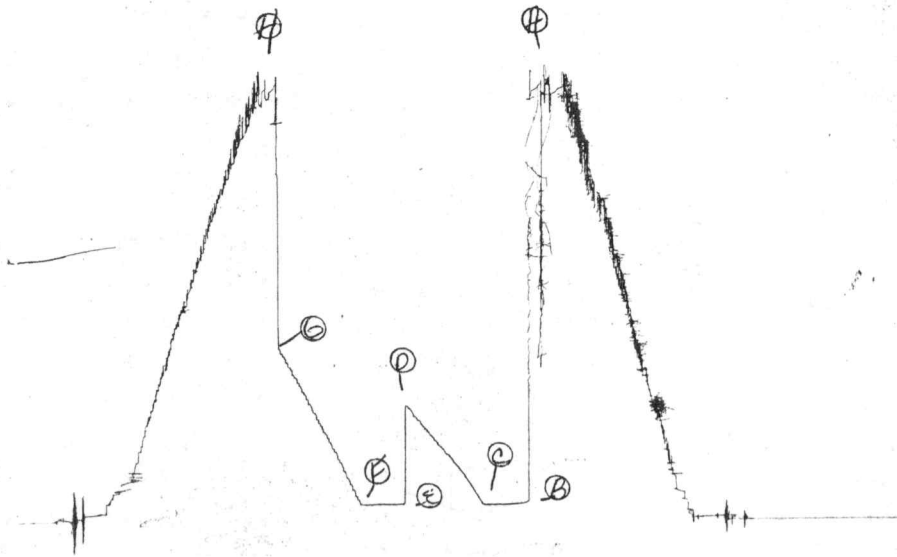
Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2511</u> P.S.I.	<u>9:55 A</u> M	
B First Initial Flow Pressure	<u>97</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>97</u> P.S.I.	<u>60</u> Mins.	<u>57</u> Mins.
D Initial Closed-in Pressure	<u>671</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>96</u> P.S.I.	<u>60</u> Mins.	<u>63</u> Mins.
F Second Final Flow Pressure	<u>96</u> P.S.I.		
G Final Closed-in Pressure	<u>1007</u> P.S.I.		
H Final Hydrostatic Mud	<u>2511</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>6</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>97</u>	0	<u>97</u>	0	<u>96</u>	0	<u>96</u>
P 2		3	<u>122</u>	5		3	<u>131</u>
P 3		6	<u>165</u>	10		6	<u>181</u>
P 4		9	<u>206</u>	15		9	<u>231</u>
P 5		12	<u>238</u>	20		12	<u>285</u>
P 6		15	<u>274</u>	25		15	<u>330</u>
P 7	<u>97</u>	18	<u>301</u>	30	<u>96</u>	18	<u>371</u>
P 8		21	<u>328</u>	35		21	<u>421</u>
P 9		24	<u>360</u>	40		24	<u>462</u>
P10		27	<u>385</u>	45		27	<u>509</u>
P11		30	<u>416</u>	50		30	<u>552</u>
P12		33	<u>437</u>	55		33	<u>595</u>
P13		36	<u>466</u>	60		36	<u>637</u>
P14		39	<u>500</u>	65		39	<u>685</u>
P15		42	<u>534</u>	70		42	<u>734</u>
P16		45	<u>552</u>	75		45	<u>777</u>
P17		48	<u>586</u>	80		48	<u>820</u>
P18		51	<u>613</u>	85		51	<u>851</u>
P19		54	<u>644</u>	90		54	<u>896</u>
P20		57	<u>671</u>			57	<u>941</u>
		60				60	<u>975</u>
						63	<u>1007</u>

11069

TKT # 14918



Company Hunmon Corporation Lease & Well No. Victor #2
 Elevation 1980 Kelly Bushing Ft. Scott Formation Effective Pay - Ft. Ticket No. 14918
 Date 8/3/81 Sec. 3 Twp. 33S Range 17W County Comanche State Kansas
 Test Approved by Tim Price Western Representative Louis Spencer

Formation Test No. 1 Interval Tested from 5013 ft. to 5048 ft. Total Depth 5048 ft.
 Packer Depth 5013 ft. Size 6 3/4 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) 5016 ft. Recorder Number 11019 Cap. 4500
 Bottom Recorder Depth (Outside) 5019 ft. Recorder Number 1560 Cap. 4500
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor D. R. Lauck Drlg. Drill Collar Length 394 I. D. 3.2 in.
 Mud Type chemical Viscosity 41 Weight Pipe Length - I. D. - in.
 Weight 9.3 Water Loss 10 cc. Drill Pipe Length 4603 I. D. 3.8 in.
 Chlorides 21,000 P.P.M. Test Tool Length 16 ft. Tool Size 5 1/2 in.
 Jars: Make - Serial Number - Anchor Length 35 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 3 1/2 in.

Blow: Good throughout test.

Recovered 80 ft. of mud
 Recovered 1700 ft. of gas in pipe
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Remarks: _____

Time Set Packer(s) 9:55 A.M. Time Started Off Bottom 12:55 A.M. Maximum Temperature 124°
 Initial Hydrostatic Pressure (A) 2511 P.S.I.
 Initial Flow Period (B) 30 Minutes (C) 97 P.S.I. to (D) _____ P.S.I.
 Initial Closed In Period (E) 57 Minutes (F) 671 P.S.I.
 Final Flow Period (G) 30 Minutes (H) 96 P.S.I. to (I) _____ P.S.I.
 Final Closed In Period (J) 63 Minutes (K) 1007 P.S.I.
 Final Hydrostatic Pressure (L) 2511 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 8/3/81 Recorder No. 11019 Capacity 4500 Test Ticket No. 14918
 Clock No. - Elevation 1980 Kelly Bushing Location 124 Ft. 124
 Well Temperature °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2511	P.S.I.	9:55A	M
B First Initial Flow Pressure	97	P.S.I.	30	Mins. 30 Mins.
C First Final Flow Pressure	97	P.S.I.	60	Mins. 57 Mins.
D Initial Closed-in Pressure	671	P.S.I.	30	Mins. 30 Mins.
E Second Initial Flow Pressure	96	P.S.I.	60	Mins. 63 Mins.
F Second Final Flow Pressure	96	P.S.I.		
G Final Closed-in Pressure	1007	P.S.I.		
H Final Hydrostatic Mud	2511	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: 19 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: 21 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	97	0	97	0	96	0	96
P 2 5	97	3	122	5	96	3	131
P 3 10	97	6	165	10	96	6	181
P 4 15	97	9	206	15	96	9	231
P 5 20	97	12	238	20	96	12	285
P 6 25	97	15	274	25	96	15	330
P 7 30	97	18	391	30	96	18	371
P 8		21	328			21	421
P 9		24	360			24	462
P10		27	385			27	509
P11		30	416			30	552
P12		33	437			33	595
P13		36	466			36	637
P14		39	500			39	685
P15		42	534			42	734
P16		45	552			45	777
P17		48	586			48	820
P18		51	613			51	851
P19		54	644			54	896
P20		57	671			57	941
						60	975
						63	1007



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 14919 *ok*

P. O. BOX 1599 PHONE (316) 262-5861
WICHITA, KANSAS 67201

Elevation 1980 K.B. Formation Miss. Eff. Pay Ft.

District Pratt Date 8-4-87 Customer Order No.

COMPANY NAME Huffman Corporation

ADDRESS Site 400 ONE MAIN PLACE, Wichita, Ks., 67202

LEASE AND WELL NO. Victor #2 COUNTY COMMANCHE STATE Ks. Sec. 3 Twp 33S Rge 17W

Mail Invoice To Some Co. Name Address No. Copies Requested 5

Mail Charts To Some Co. Name Address No. Copies Requested 5

Formation Test No. 2 Interval Tested from 5119 ft. to 5155 ft. Total Depth 5155 ft.

Packer Depth 5120 ft. Size 6 3/4 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) 5123 ft. Recorder Number 1560 Cap. 4500

Bottom Recorder Depth (Outside) 5126 ft. Recorder Number 11019 Cap. 4500

Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor D.R. LAUCK Drill Collar Length 394 I. D. 3.2 in.

Mud Type Chemical Viscosity 51 Weight Pipe Length I. D. in.

Weight 9.2 Water Loss 9.2 cc. Drill Pipe Length 4709 I. D. 3.8 in.

Chlorides 23 000 P.P.M. Test Tool Length 16 ft. Tool Size 5 1/2 in.

Jars: Make Serial Number Anchor Length 364 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 3 1/2 in.

Blow: F.F.P. - Good building to shorg

FF.P. - Fair building to good

Recovered 140 ft. of slightly oil and mud, 20% oil - 80 mud,

Recovered 120 ft. of " muddy with 15 oil 10 water 75% mud

Recovered 120 ft. of muddy water CXL - 87,000 P.P.M.

Recovered ft. of

Recovered ft. of

Remarks:

Time On Location 5:30 A.M. Time Pick Up Tool 7:20 A.M. Time Off Location P.M.

Time Set Packer(s) 9:10 P.M. Time Started Off Bottom 12:10 P.M. Maximum Temperature 128°

Initial Hydrostatic Pressure (A) 2600 P.S.I.

Initial Flow Period 30 Minutes (B) 69 P.S.I. to (C) 104 P.S.I.

Initial Closed In Period 60 Minutes (D) 1680 P.S.I.

Final Flow Period 30 Minutes (E) 150 P.S.I. to (F) 185 P.S.I.

Final Closed In Period 60 Minutes (G) 1635 P.S.I.

Final Hydrostatic Pressure (H) 2544 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 Pierce Jim Pierce
Signature of Customer or his authorized representative

Western Representative Louis Spencer Thanks

FIELD INVOICE

Open Hole Test	\$	<u>775.00</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>66</u>	\$	<u>49.50</u>
Fluid Sampler	\$	<u> </u>
Extra Charts	\$	<u> </u>
Insurance	\$	<u> </u>
TOTAL	\$	<u>824.50</u>

WESTERN TESTING CO., INC.

Pressure Data

Date 8-4

Test Ticket No. 14919

Recorder No. 1560

Capacity 4500

Location 5123 Ft

Clock No. Elevation 1980 KB

Well Temperature 128 °F

Point	Pressure	P.S.I.
A Initial Hydrostatic Mud	<u>2534</u>	P.S.I.
B First Initial Flow Pressure	<u>74</u>	P.S.I.
C First Final Flow Pressure	<u>111</u>	P.S.I.
D Initial Closed-in Pressure	<u>1691</u>	P.S.I.
E Second Initial Flow Pressure	<u>162</u>	P.S.I.
F Second Final Flow Pressure	<u>194</u>	P.S.I.
G Final Closed-in Pressure	<u>1660</u>	P.S.I.
H Final Hydrostatic Mud	<u>2534</u>	P.S.I.

Open Tool	Time Given	Time Computed
	<u>9:10 A</u>	<u>M</u>
First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
Final Closed-in Pressure	<u>60</u> Mins.	<u>63</u> Mins.

PRESSURE BREAKDOWN

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

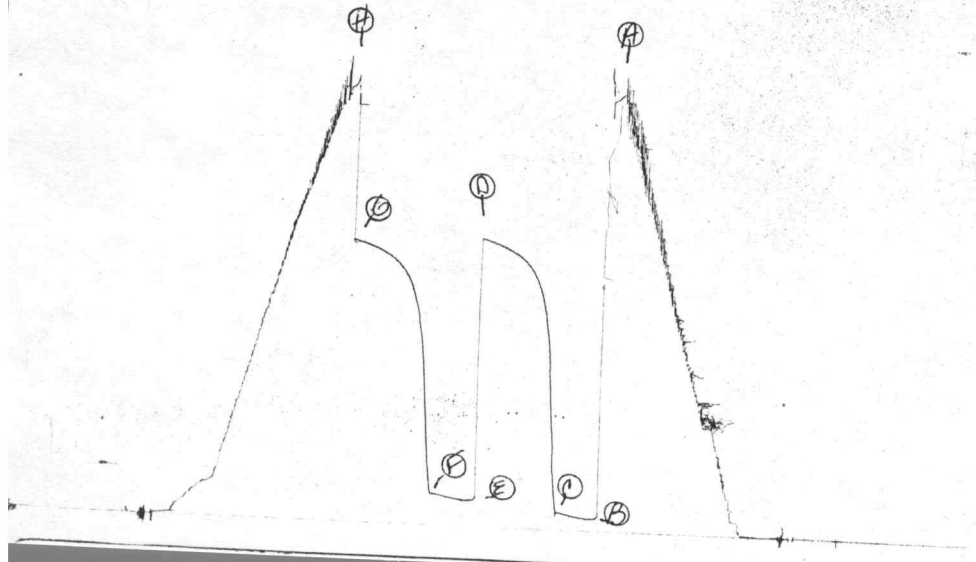
Final Shut-In Breakdown: 21 Inc. of 3 mins. and a final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	
P 1	<u>0</u>	<u>74</u>	<u>0</u>	<u>111</u>	<u>0</u>	<u>162</u>	<u>0</u>	<u>194</u>
P 2	<u>5</u>	<u>74</u>	<u>3</u>	<u>310</u>	<u>5</u>	<u>162</u>	<u>3</u>	<u>405</u>
P 3	<u>10</u>	<u>79</u>	<u>6</u>	<u>678</u>	<u>10</u>	<u>162</u>	<u>6</u>	<u>725</u>
P 4	<u>15</u>	<u>83</u>	<u>9</u>	<u>1038</u>	<u>15</u>	<u>168</u>	<u>9</u>	<u>977</u>
P 5	<u>20</u>	<u>90</u>	<u>12</u>	<u>1218</u>	<u>20</u>	<u>176</u>	<u>12</u>	<u>1151</u>
P 6	<u>25</u>	<u>102</u>	<u>15</u>	<u>1347</u>	<u>25</u>	<u>185</u>	<u>15</u>	<u>1286</u>
P 7	<u>30</u>	<u>111</u>	<u>18</u>	<u>1426</u>	<u>30</u>	<u>194</u>	<u>18</u>	<u>1374</u>
P 8	<u>35</u>		<u>21</u>	<u>1477</u>	<u>35</u>		<u>21</u>	<u>1435</u>
P 9	<u>40</u>		<u>24</u>	<u>1520</u>	<u>40</u>		<u>24</u>	<u>1477</u>
P10	<u>45</u>		<u>27</u>	<u>1550</u>	<u>45</u>		<u>27</u>	<u>1509</u>
P11	<u>50</u>		<u>30</u>	<u>1572</u>	<u>50</u>		<u>30</u>	<u>1536</u>
P12	<u>55</u>		<u>33</u>	<u>1595</u>	<u>55</u>		<u>33</u>	<u>1556</u>
P13	<u>60</u>		<u>36</u>	<u>1613</u>	<u>60</u>		<u>36</u>	<u>1574</u>
P14			<u>39</u>	<u>1624</u>	<u>65</u>		<u>39</u>	<u>1590</u>
P15			<u>42</u>	<u>1637</u>	<u>70</u>		<u>42</u>	<u>1601</u>
P16			<u>45</u>	<u>1649</u>	<u>75</u>		<u>45</u>	<u>1613</u>
P17			<u>48</u>	<u>1658</u>	<u>80</u>		<u>48</u>	<u>1622</u>
P18			<u>51</u>	<u>1667</u>	<u>85</u>		<u>51</u>	<u>1631</u>
P19			<u>54</u>	<u>1676</u>	<u>90</u>		<u>54</u>	<u>1640</u>
P20			<u>57</u>	<u>1684</u>			<u>57</u>	<u>1646</u>
			<u>60</u>	<u>1691</u>			<u>60</u>	<u>1653</u>
							<u>63</u>	<u>1660</u>

1560

TKT # 14919

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Company Hummon Corporation Lease & Well No. Victor #2
 Elevation 1980 Kelly Bushing Mississippi Effective Pay - Ft. Ticket No. 14919
 Date 8/4/81 3 33S Range 17W County Comanche State Kansas
 Test Approved by Tim Pierce Western Representative Louis Spencer

Formation Test No. 2 Interval Tested from 5119 ft. to 5155 ft. Total Depth 5155 ft.
 Packer Depth 5120 ft. Size 6 3/4 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) 5123 ft. Recorder Number 1560 Cap. 4500
 Bottom Recorder Depth (Outside) 5126 ft. Recorder Number 11019 Cap. 4500
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor D R. Lauck Drlg. Drill Collar Length 394 I. D. 3.2 in.
 Mud Type chemical Viscosity 51 Weight Pipe Length - I. D. - in.
 Weight 9.2 Water Loss 9.2 cc. Drill Pipe Length 4709 I. D. 3.8 in.
 Chlorides 23,000 P.P.M. Test Tool Length 16 ft. Tool Size 5 1/2 in.
 Jars: Make - Serial Number - Anchor Length 36 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 3 1/2 in.

Blow: Initial flow period good building to strong. Final flow period fair building to good.

Recovered 140 ft. of slightly oil cut mud 20% oil; 80% mud
 Recovered 120 ft. of slightly oil cut muddy water 15% oil; 10% water; 75% mud
 Recovered 120 ft. of muddy water Chlorides 87,000 ppm
 Recovered ft. of
 Recovered ft. of

Remarks:

Time Set Packer(s) 9:10 A.M. Time Started Off Bottom 12:10 P.M. Maximum Temperature 128°
 Initial Hydrostatic Pressure 2534 P.S.I.
 Initial Flow Period 30 Minutes (B) 74 P.S.I. to (C) 111 P.S.I.
 Initial Closed In Period 60 Minutes (D) 1691 P.S.I.
 Final Flow Period 30 Minutes (E) 162 P.S.I. to (F) 194 P.S.I.
 Final Closed In Period 63 Minutes (G) 1660 P.S.I.
 Final Hydrostatic Pressure 2534 P.S.I. (H)

WESTERN TESTING CO., INC.
Pressure Data

Date 8/4/81 Test Ticket No. 14919
 Recorder No. 1560 Capacity 4500 Location 5123 Ft.
 Clock No. -- Elevation 1980 Kelly] Bushing Well Temperature 128 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2534</u>	P.S.I.	<u>9:10A</u>	<u>M</u>
B First Initial Flow Pressure	<u>74</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>111</u>	P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>1691</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>162</u>	P.S.I.	<u>60</u> Mins.	<u>63</u> Mins.
F Second Final Flow Pressure	<u>194</u>	P.S.I.		
G Final Closed-in Pressure	<u>1660</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2534</u>	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: 20 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: 21 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>74</u>	<u>0</u>	<u>111</u>	<u>0</u>	<u>162</u>	<u>0</u>	<u>194</u>
P 2 <u>5</u>	<u>74</u>	<u>3</u>	<u>310</u>	<u>5</u>	<u>162</u>	<u>3</u>	<u>405</u>
P 3 <u>10</u>	<u>79</u>	<u>6</u>	<u>678</u>	<u>10</u>	<u>162</u>	<u>6</u>	<u>725</u>
P 4 <u>15</u>	<u>83</u>	<u>9</u>	<u>1038</u>	<u>15</u>	<u>168</u>	<u>9</u>	<u>977</u>
P 5 <u>20</u>	<u>90</u>	<u>12</u>	<u>1218</u>	<u>20</u>	<u>176</u>	<u>12</u>	<u>1151</u>
P 6 <u>25</u>	<u>102</u>	<u>15</u>	<u>1347</u>	<u>25</u>	<u>185</u>	<u>15</u>	<u>1286</u>
P 7 <u>30</u>	<u>111</u>	<u>18</u>	<u>1426</u>	<u>30</u>	<u>194</u>	<u>18</u>	<u>1374</u>
P 8		<u>21</u>	<u>1477</u>			<u>21</u>	<u>1435</u>
P 9		<u>24</u>	<u>1520</u>			<u>24</u>	<u>1477</u>
P10		<u>27</u>	<u>1550</u>			<u>27</u>	<u>1509</u>
P11		<u>30</u>	<u>1572</u>			<u>30</u>	<u>1536</u>
P12		<u>33</u>	<u>1595</u>			<u>33</u>	<u>1556</u>
P13		<u>36</u>	<u>1613</u>			<u>36</u>	<u>1574</u>
P14		<u>39</u>	<u>1624</u>			<u>39</u>	<u>1590</u>
P15		<u>42</u>	<u>1637</u>			<u>42</u>	<u>1601</u>
P16		<u>45</u>	<u>1649</u>			<u>45</u>	<u>1613</u>
P17		<u>48</u>	<u>1658</u>			<u>48</u>	<u>1622</u>
P18		<u>51</u>	<u>1667</u>			<u>51</u>	<u>1631</u>
P19		<u>54</u>	<u>1676</u>			<u>54</u>	<u>1640</u>
P20		<u>57</u>	<u>1684</u>			<u>57</u>	<u>1646</u>
		<u>60</u>	<u>1691</u>			<u>60</u>	<u>1653</u>
						<u>63</u>	<u>1660</u>



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 14920

P. O. BOX 1599 WICHITA, KANSAS 67201
PHONE (316) 262-5861

Elevation 1980 KB Formation Miss. Eff. Pay Ft.

District Pratt Date 8-5-81 Customer Order No.

COMPANY NAME Hummon Oil Corp.

ADDRESS Suite 400 One Main Place, Wichita, KS 67202

LEASE AND WELL NO. Victor #2 COUNTY Comanche STATE KS Sec. 3 Twp 33S Rge 17W

Mail Invoice To Co. Name Address No. Copies Requested 5

Mail Charts To Co. Name Address No. Copies Requested 5

Formation Test No. 3 Interval Tested from 5155 ft. to 5185 ft. Total Depth 5185 ft.

Packer Depth 5155 ft. Size 6 3/4 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) 5158 ft. Recorder Number 1560 Cap. 4500

Bottom Recorder Depth (Outside) 5161 ft. Recorder Number 11019 Cap. 4500

Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor D. R. Sauck Drill Collar Length 394 I. D. 3.2 in.

Mud Type Chemical Viscosity 51 Weight Pipe Length I. D. in.

Weight 9.4 Water Loss 12 cc. Drill Pipe Length 4060 I. D. 3.8 in.

Chlorides 24.000 P.P.M. Test Tool Length 16 ft. Tool Size 5 1/2 in.

Jars: Make No Serial Number Anchor Length 30 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 3 1/2 in.

Blow: F.F.P. - WEAK THRU-OUT TEST

F.F.P. - WEAK

Recovered 129 ft. of muddy water CHL - 47000 P.P.M.

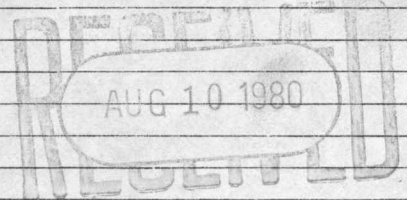
Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:



Time On Location 12:00 A.M. Time Pick Up Tool 1:30 A.M. Time Off Location 12:00 A.M.

Time Set Packer(s) 4:30 A.M. Time Started Off Bottom 7:45 A.M. Maximum Temperature 1280F

Initial Hydrostatic Pressure (A) 2656 P.S.I.

Initial Flow Period Minutes 45 (B) 46 P.S.I. to (C) 57 P.S.I.

Initial Closed In Period Minutes 60 (D) 1556 P.S.I.

Final Flow Period Minutes 30 (E) 92 P.S.I. to (F) 92 P.S.I.

Final Closed In Period Minutes 60 (G) 1500 P.S.I.

Final Hydrostatic Pressure (H) 2567 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 Tim Pierce Signature of Customer or his authorized representative

Western Representative Louis Spencer Thanks! again.

FIELD INVOICE

Table with 2 columns: Item and Amount. Items include Open Hole Test (\$175.00), Mileage (\$49.50), and TOTAL (\$824.50).

WESTERN TESTING CO., INC.

Pressure Data

Date 8-5 Test Ticket No. 14920
 Recorder No. 1560 Capacity 4500 Location 5158 Ft
 Clock No. _____ Elevation 1980 KB Well Temperature 128 °F

Point	Pressure	Open Tool	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2612</u> P.S.I.		<u>4:30 A</u> M	
B First Initial Flow Pressure	<u>49</u> P.S.I.	First Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
C First Final Flow Pressure	<u>56</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>1545</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>86</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>72</u> Mins.
F Second Final Flow Pressure	<u>86</u> P.S.I.			
G Final Closed-in Pressure	<u>1502</u> P.S.I.			
H Final Hydrostatic Mud	<u>2600</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
 Breakdown: 9 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: 6 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Final Shut-In
 Breakdown: 24 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	<u>49</u>	0	<u>56</u>	0	<u>86</u>	0	<u>86</u>
P 2 5		3	<u>310</u>	5		3	<u>400</u>
P 3 10		6	<u>518</u>	10		6	<u>655</u>
P 4 15		9	<u>604</u>	15		9	<u>820</u>
P 5 20		12	<u>680</u>	20		12	<u>957</u>
P 6 25	<u>49</u>	15	<u>930</u>	25		15	<u>1052</u>
P 7 30	<u>50</u>	18	<u>1117</u>	30	<u>86</u>	18	<u>1131</u>
P 8 35	<u>52</u>	21	<u>1191</u>	35		21	<u>1191</u>
P 9 40	<u>54</u>	24	<u>1259</u>	40		24	<u>1234</u>
P10 45	<u>56</u>	27	<u>1306</u>	45		27	<u>1275</u>
P11 50		30	<u>1352</u>	50		30	<u>1311</u>
P12 55		33	<u>1383</u>	55		33	<u>1338</u>
P13 60		36	<u>1414</u>	60		36	<u>1360</u>
P14		39	<u>1432</u>	65		39	<u>1378</u>
P15		42	<u>1455</u>	70		42	<u>1396</u>
P16		45	<u>1475</u>	75		45	<u>1412</u>
P17		48	<u>1491</u>	80		48	<u>1423</u>
P18		51	<u>1509</u>	85		51	<u>1439</u>
P19		54	<u>1520</u>	90		54	<u>1448</u>
P20		57	<u>1534</u>			57	<u>1461</u>
		60	<u>1545</u>			60	<u>1471</u>

can't

WESTERN TESTING CO., INC.

Pressure Data

Date _____

Test Ticket No. 14920

Recorder No. _____ Capacity _____ Location _____ Ft.

Clock No. _____ Elevation _____ Well Temperature _____ °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.			

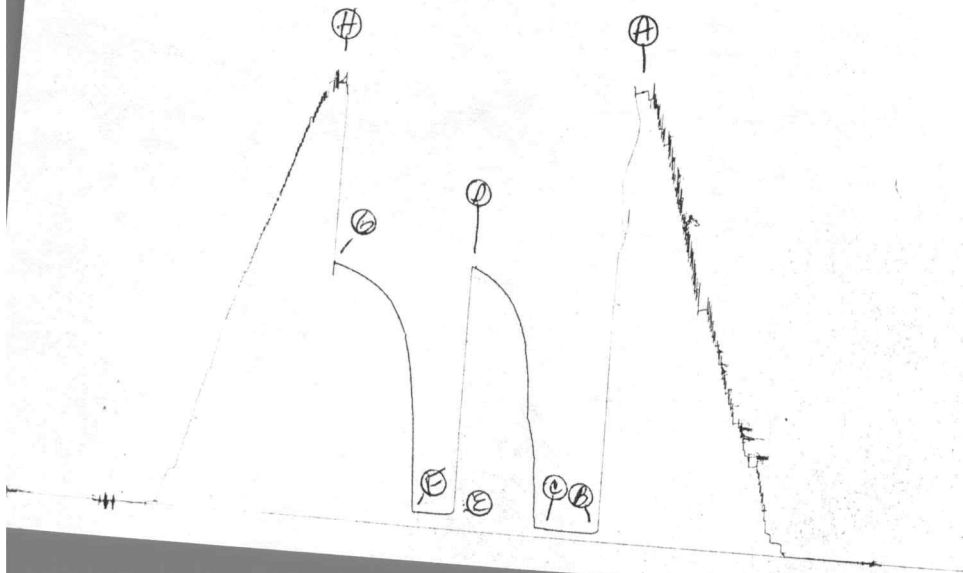
PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure	Initial Shut-In	Second Flow Pressure	Final Shut-In
	Breakdown: _____ Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Breakdown: _____ Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	Breakdown: _____ Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Breakdown: _____ Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.
	Point Minutes	Point Minutes	Point Minutes	Point Minutes
	Press.	Press.	Press.	Press.
P 1 _____	_____	63 _____	_____	63 _____ <u>1480</u>
P 2 _____	_____	66 _____	_____	66 _____ <u>1489</u>
P 3 _____	_____	69 _____	_____	69 _____ <u>1496</u>
P 4 _____	_____	72 _____	_____	72 _____ <u>1502</u>
P 5 _____	_____	75 _____	_____	75 _____
P 6 _____	_____	78 _____	_____	78 _____
P 7 _____	_____	81 _____	_____	81 _____
P 8 _____	_____	84 _____	_____	84 _____
P 9 _____	_____	87 _____	_____	87 _____
P10 _____	_____	90 _____	_____	90 _____
P11 _____	_____	93 _____	_____	93 _____
P12 _____	_____	96 _____	_____	96 _____
P13 _____	_____	99 _____	_____	99 _____
P14 _____	_____	102 _____	_____	102 _____
P15 _____	_____	105 _____	_____	105 _____
P16 _____	_____	108 _____	_____	108 _____
P17 _____	_____	111 _____	_____	111 _____
P18 _____	_____	114 _____	_____	114 _____
P19 _____	_____	117 _____	_____	117 _____
P20 _____	_____	120 _____	_____	120 _____

1560

TK+ # 14920

I



Company Hummon Corporation Lease & Well No. Victor #2
 Elevation 1980 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 14920
 Date 8/ 5/81 Sec. 3 Twp. 33S Range 17W County Comanche State Kansas
 Test Approved by Tim Pierce Western Representative Louis Spencer

Formation Test No. 3 Interval Tested from 5155 ft. to 5185 ft. Total Depth 5185 ft.
 Packer Depth 5155 ft. Size 6 3/4 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) 5158 ft. Recorder Number 1560 Cap. 4500
 Bottom Recorder Depth (Outside) 5161 ft. Recorder Number 11019 Cap. 4500
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor D. R. Lauck Drlg. Drill Collar Length 394 I. D. 3.2 in.
 Mud Type chemical Viscosity 51 Weight Pipe Length - I. D. - in.
 Weight 9.4 Water Loss 12 cc. Drill Pipe Length 4060 I. D. 3.8 in.
 Chlorides 24,000 P.P.M. Test Tool Length 16 ft. Tool Size 5 1/2 in.
 Jars: Make - Serial Number - Anchor Length 30 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 3 1/2 in.

Blow: WEak throughout test.

Recovered 129 ft. of muddy water Chlorides 47,000 ppm
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks:

Time Set Packer(s) 4:30 A.M. P.M. Time Started Off Bottom 7:45 A.M. P.M. Maximum Temperature 128°
 Initial Hydrostatic Pressure 2612 P.S.I. (A)
 Initial Flow Period 45 Minutes (B) 49 P.S.I. to (C) 56 P.S.I.
 Initial Closed In Period 60 Minutes (D) 1545 P.S.I.
 Final Flow Period 30 Minutes (E) 86 P.S.I. to (F) 86 P.S.I.
 Final Closed In Period 72 Minutes (G) 1502 P.S.I.
 Final Hydrostatic Pressure 2600 P.S.I. (H)

WESTERN TESTING CO., INC.

Pressure Data

Date 8/5/81 Test Ticket No. 14920
 Recorder No. 1560 Capacity 4500 Location 5158 Ft.
 Clock No. - Elevation 1980 Kelly Bushing Well Temperature 128 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2612</u> P.S.I.	Open Tool	<u>4:30A</u>	<u>M</u>
B First Initial Flow Pressure	<u>49</u> P.S.I.	First Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
C First Final Flow Pressure	<u>56</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>1545</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>86</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>72</u> Mins.
F Second Final Flow Pressure	<u>86</u> P.S.I.			
G Final Closed-in Pressure	<u>1502</u> P.S.I.			
H Final Hydrostatic Mud	<u>2600</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure

Breakdown: 9 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: 6 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Final Shut-In

Breakdown: 24 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>49</u>	<u>0</u>	<u>56</u>	<u>0</u>	<u>86</u>	<u>86</u>
P 2	<u>5</u>	<u>49</u>	<u>3</u>	<u>310</u>	<u>5</u>	<u>86</u>	<u>400</u>
P 3	<u>10</u>	<u>49</u>	<u>6</u>	<u>518</u>	<u>10</u>	<u>86</u>	<u>655</u>
P 4	<u>15</u>	<u>49</u>	<u>9</u>	<u>604</u>	<u>15</u>	<u>86</u>	<u>820</u>
P 5	<u>20</u>	<u>49</u>	<u>12</u>	<u>680</u>	<u>20</u>	<u>86</u>	<u>957</u>
P 6	<u>25</u>	<u>49</u>	<u>15</u>	<u>930</u>	<u>25</u>	<u>86</u>	<u>1052</u>
P 7	<u>30</u>	<u>50</u>	<u>18</u>	<u>1117</u>	<u>30</u>	<u>86</u>	<u>1131</u>
P 8	<u>35</u>	<u>52</u>	<u>21</u>	<u>1191</u>			<u>1191</u>
P 9	<u>40</u>	<u>54</u>	<u>24</u>	<u>1259</u>			<u>1234</u>
P10	<u>45</u>	<u>56</u>	<u>27</u>	<u>1306</u>			<u>1275</u>
P11			<u>30</u>	<u>1352</u>			<u>1311</u>
P12			<u>33</u>	<u>1383</u>			<u>1338</u>
P13			<u>36</u>	<u>1414</u>			<u>1360</u>
P14			<u>39</u>	<u>1432</u>			<u>1378</u>
P15			<u>42</u>	<u>1455</u>			<u>1396</u>
P16			<u>45</u>	<u>1475</u>			<u>1412</u>
P17			<u>48</u>	<u>1491</u>			<u>1423</u>
P18			<u>51</u>	<u>1509</u>			<u>1439</u>
P19			<u>54</u>	<u>1520</u>			<u>1448</u>
P20			<u>57</u>	<u>1534</u>			<u>1461</u>
			<u>60</u>	<u>1545</u>			<u>1471</u>

WESTERN TESTING CO., INC.

Pressure Data

Date 8/5/81

14920
Test Ticket No. 5158

Recorder No. 1560 Capacity 4500

Location 128 Ft.

Clock No. - Elevation 1980 Kelly Bushing

Well Temperature _____ °F

Point	Pressure			Time	
		P.S.I.		Given	Computed
A Initial Hydrostatic Mud	<u>2612</u>	P.S.I.	Open Tool	<u>4:30A</u>	<u>M</u>
B First Initial Flow Pressure	<u>49</u>	P.S.I.	First Flow Pressure	<u>45</u>	Mins. <u>45</u> Mins.
C First Final Flow Pressure	<u>56</u>	P.S.I.	Initial Closed-in Pressure	<u>60</u>	Mins. <u>60</u> Mins.
D Initial Closed-in Pressure	<u>1545</u>	P.S.I.	Second Flow Pressure	<u>30</u>	Mins. <u>30</u> Mins.
E Second Initial Flow Pressure	<u>86</u>	P.S.I.	Final Closed-in Pressure	<u>60</u>	Mins. <u>72</u> Mins.
F Second Final Flow Pressure	<u>86</u>	P.S.I.			
G Final Closed-in Pressure	<u>1502</u>	P.S.I.			
H Final Hydrostatic Mud	<u>2600</u>	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 9 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: 6 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 24 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Mins.	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes
P 1								<u>63</u> <u>1480</u>
P 2								<u>66</u> <u>1489</u>
P 3								<u>69</u> <u>1496</u>
P 4								<u>72</u> <u>1502</u>
P 5								
P 6								
P 7								
P 8								
P 9								
P10								
P11								
P12								
P13								
P14								
P15								
P16								
P17								
P18								
P19								
P20								



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET No 14921

P. O. BOX 1599 PHONE (316) 262-5861 WICHITA, KANSAS 67201

Elevation 1980 K.B Formation MISS Eff. Pay Ft.

District Pratt Date 8-6-81 Customer Order No.

COMPANY NAME Hummon Oil Corp.

ADDRESS 400 One Main Place, Wichita, Ks 67202

LEASE AND WELL NO. Victor #2 COUNTY COMANCHE STATE Ks Sec. 3 Twp. 33S Rge. 17W

Mail Invoice To Co. Name Address No. Copies Requested 5

Mail Charts To Co. Name Address No. Copies Requested 5

Formation Test No. 4 Interval Tested from 5123 ft. to 5138 ft. Total Depth 5212 ft.

Packer Depth 5123 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 5140 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 5126 ft. Recorder Number 1560 Cap. 4500

Bottom Recorder Depth (Outside) 5129 ft. Recorder Number 11019 Cap. 4500

Below Straddle Recorder Depth 5212 ft. Recorder Number 13271 Cap. 44000

Drilling Contractor D.R. LAUCID Drill Collar Length 394 I. D. 2.25 in.

Mud Type Chemical Viscosity 51 Weight Pipe Length I. D. in.

Weight 9.4 Water Loss 12 cc. Drill Pipe Length 4727 I. D. 3.8 in.

Chlorides 24000 P.P.M. Test Tool Length 16 ft. Tool Size 5 1/2 in.

Jars: Make No Serial Number Anchor Length 15 1/2 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 1/8 in. Tool Joint Size 3 1/2 in.

Blow: I.F.P. - Strong Blow Then Out TEST

Recovered 50 ft. of very slight oil cut mud

Recovered 62 ft. of " " " " "

Recovered 62 ft. of " " " " "

Recovered 62 ft. of " " " " "

Recovered 62 ft. of " " " " "

Remarks: Tool sid 5' 35 minutes into initial flow period - packer failure

Time On Location 6:00 A.M. Time Pick Up Tool 9:00 A.M.

Time Set Packer(s) 11:20 A.M. Time Started Off Bottom 4:35 A.M.

Initial Hydrostatic Pressure (A) 43 P.S.I.

Initial Flow Period Minutes 45 (B) 40 P.S.I. to (C) P.S.I.

Initial Closed In Period Minutes 90 (D) P.S.I.

Final Flow Period Minutes 45 (E) P.S.I. to (F) P.S.I.

Final Closed In Period Minutes 90 (G) P.S.I.

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

Maximum Temperature 128°F

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 Tim Peice Signature of Customer or his authorized representative

Western Representative Louis Spencer

FIELD INVOICE

Table with 2 columns: Item and Price. Items include Open Hole Test (\$400.00), Misrun (\$300.00), Straddle Test, Jars, Selective Zone, Safety Joint, Standby, Evaluation, Extra Packer, Circ. Sub. (\$49.50), Mileage 66, Fluid Sampler, Extra Charts, Insurance, and TOTAL (\$749.50).

WESTERN TESTING CO., INC.

Pressure Data

Date 8-6 Test Ticket No. 14921
 Recorder No. 1560 Capacity 4500 Location 5126 Ft
 Clock No. _____ Elevation 1980 KB Well Temperature 128 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2552</u> P.S.I.	<u>11:20 A</u> M	
B First Initial Flow Pressure	<u>58</u> P.S.I.	<u>45</u> Mins.	<u>45</u> Mins.
C First Final Flow Pressure	<u>199*</u> P.S.I.	<u>90</u> Mins.	<u>---</u> Mins.
D Initial Closed-in Pressure	<u>---</u> P.S.I.	<u>45</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>188</u> P.S.I.	<u>90</u> Mins.	<u>---</u> Mins.
F Second Final Flow Pressure	<u>206</u> P.S.I.		
G Final Closed-in Pressure	<u>---</u> P.S.I.		
H Final Hydrostatic Mud	<u>2511</u> P.S.I.		

* Pressures questionable. See remarks.

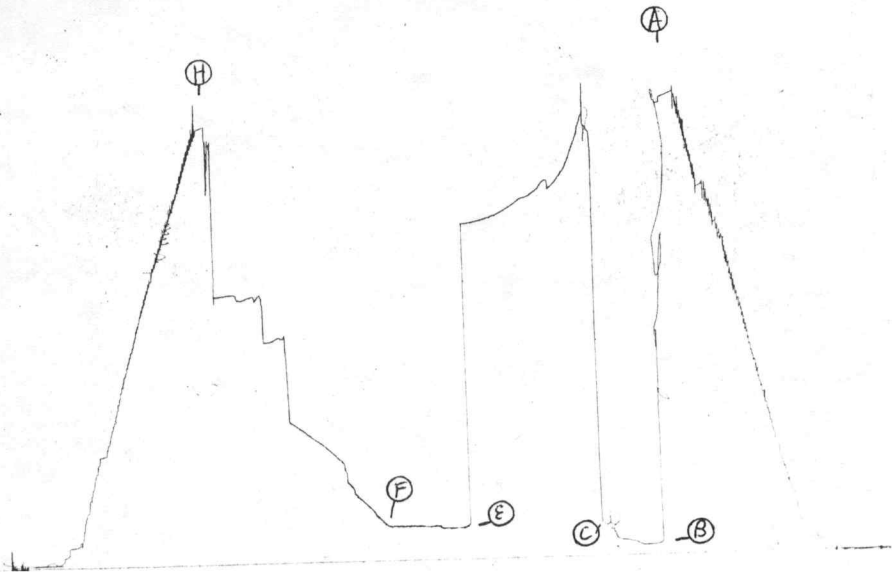
PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>9</u> Inc.		Breakdown: <u>0</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>0</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>58</u>	<u>0</u> <u>199*</u>		<u>0</u> <u>188</u>		<u>0</u>	
P 2	<u>5</u> <u>---</u>	<u>3</u> <u>---</u>		<u>5</u> <u>---</u>		<u>3</u>	
P 3	<u>10</u> <u>---</u>	<u>6</u> <u>---</u>		<u>10</u> <u>---</u>		<u>6</u>	
P 4	<u>15</u> <u>58</u>	<u>9</u> <u>---</u>		<u>15</u> <u>---</u>		<u>9</u>	
P 5	<u>20</u> <u>79</u>	<u>12</u> <u>---</u>		<u>20</u> <u>188</u>		<u>12</u>	
P 6	<u>25</u> <u>88</u>	<u>15</u> <u>---</u>		<u>25</u> <u>201</u>		<u>15</u>	
P 7	<u>30</u> <u>93</u>	<u>18</u> <u>---</u>		<u>30</u> <u>201</u>		<u>18</u>	
P 8	<u>35</u> <u>139*</u>	<u>21</u> <u>---</u>		<u>35</u> <u>203</u>		<u>21</u>	
P 9	<u>40</u> <u>183*</u>	<u>24</u> <u>---</u>		<u>40</u> <u>205</u>		<u>24</u>	
P10	<u>45</u> <u>199*</u>	<u>27</u> <u>---</u>		<u>45</u> <u>206</u>		<u>27</u>	
P11	<u>50</u> <u>---</u>	<u>30</u> <u>---</u>		<u>50</u> <u>---</u>		<u>30</u>	
P12	<u>55</u> <u>---</u>	<u>33</u> <u>---</u>		<u>55</u> <u>---</u>		<u>33</u>	
P13	<u>60</u> <u>---</u>	<u>36</u> <u>---</u>		<u>60</u> <u>206</u>		<u>36</u>	
P14	<u>---</u> <u>---</u>	<u>39</u> <u>---</u>		<u>65</u> <u>---</u>		<u>39</u>	
P15	<u>---</u> <u>---</u>	<u>42</u> <u>---</u>		<u>70</u> <u>---</u>		<u>42</u>	
P16	<u>---</u> <u>---</u>	<u>45</u> <u>---</u>		<u>75</u> <u>---</u>		<u>45</u>	
P17	<u>---</u> <u>---</u>	<u>48</u> <u>---</u>		<u>80</u> <u>---</u>		<u>48</u>	
P18	<u>---</u> <u>---</u>	<u>51</u> <u>---</u>		<u>85</u> <u>---</u>		<u>51</u>	
P19	<u>---</u> <u>---</u>	<u>54</u> <u>---</u>		<u>90</u> <u>---</u>		<u>54</u>	
P20	<u>---</u> <u>---</u>	<u>57</u> <u>---</u>		<u>---</u> <u>---</u>		<u>57</u>	
		<u>60</u> <u>---</u>				<u>60</u>	

1560

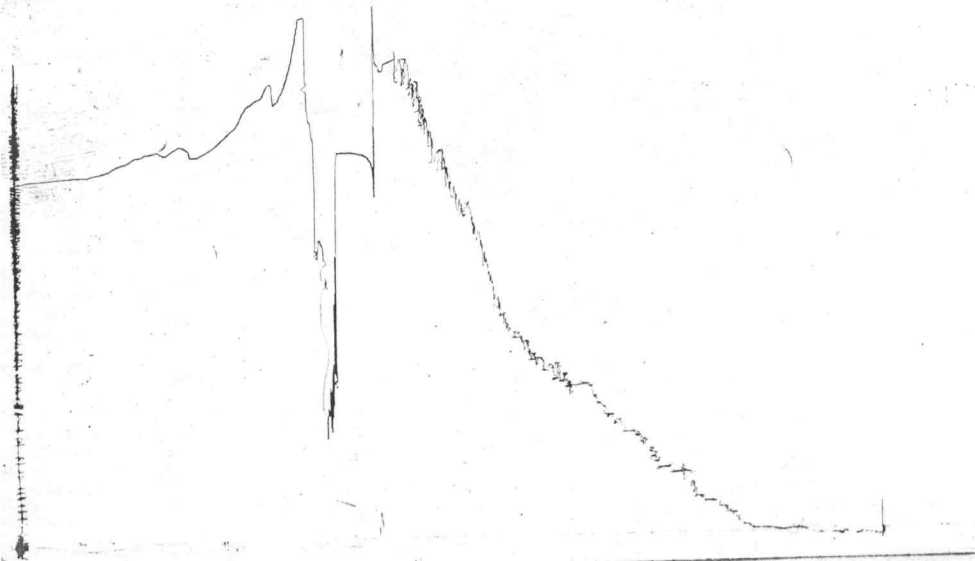
TKT # 14921

II



TKT # 14921

Below Straddle



Company Hummon Corporation Lease & Well No. Victor #2
1980 Kelly Bushing Mississippi Effective Pay - Ft. Ticket No. 14921
 Elevation 8/6 /81 Formation 3 Range 33S 17W County Comanche State Kansas
 Date 8/6 /81 Sec. 3 Twp 33S Range 17W County Comanche State Kansas
 Test Approved by Tim Pierce Western Representative Louis Spencer

Formation Test No. 4 Interval Tested from 5123 ft. to 5138 ft. Total Depth 5212 ft.
 Packer Depth 5123 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 5140 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 5126 ft. Recorder Number 1560 Cap. 4500
 Bottom Recorder Depth (Outside) 5129 ft. Recorder Number 11019 Cap. 4500
 Below Straddle Recorder Depth 5212 ft. Recorder Number 13271 Cap. 4400

Drilling Contractor D. R. Lauck Drlg. Drill Collar Length 394 I. D. 2.25 in.
 Mud Type chemical Viscosity 51 Weight Pipe Length - I. D. - in.
 Weight 9.4 Water Loss 12 cc. Drill Pipe Length 4727 I. D. 3.8 in.
 Chlorides 24,000 P.P.M. Test Tool Length 16 ft. Tool Size 5 1/2 in.
 Jars: Make - Serial Number - Anchor Length 15 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 3 1/2 in.

Blow: Initial flow period strong blow and throughout test.

Recovered 50 ft. of very slightly oil cut mud
 Recovered 62 ft. of very slightly oil cut mud
 Recovered 62 ft. of very slightly oil cut mud
 Recovered 62 ft. of very slightly oil cut mud
 Recovered 62 ft. of very slightly oil cut mud Chlorides 37,000 ppm

Remarks: Tool slid five feet thirty-five minutes into initial flow period - packer failure.

Time Set Packer(s) 11:20 ^{M.}/_{P.M.} Time Started Off Bottom 4:35 ^{A.M.}/_{P.M.} Maximum Temperature 128°
 Initial Hydrostatic Pressure (A) 2552 P.S.I.
 Initial Flow Period Minutes 45 (B) 58 P.S.I. to (C) 199 * P.S.I.
 Initial Closed In Period Minutes -- (D) -- P.S.I.
 Final Flow Period Minutes 60 (E) 188 P.S.I. to (F) 206 P.S.I.
 Final Closed In Period Minutes -- (G) -- P.S.I.
 Final Hydrostatic Pressure (H) 2511 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 8/6/81

Test Ticket No. 14921

Recorder No. 1560

Capacity 4500

Location 5126 Ft.

Clock No. - Elevation

1980 Kelly Bushing

Well Temperature 128 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2552</u>	P.S.I.	<u>11:20A</u>	
B First Initial Flow Pressure	<u>58</u>	P.S.I.	<u>45</u>	<u>45</u>
C First Final Flow Pressure	<u>199 *</u>	P.S.I.	<u>90</u>	<u>--</u>
D Initial Closed-in Pressure	<u>--</u>	P.S.I.	<u>45</u>	<u>60</u>
E Second Initial Flow Pressure	<u>188</u>	P.S.I.	<u>90</u>	<u>--</u>
F Second Final Flow Pressure	<u>206</u>	P.S.I.		
G Final Closed-in Pressure	<u>--</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2511</u>	P.S.I.		

* PRESSURES QUESTIONABLE . SEE REMARKS.

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 9 Inc.
of 5 mins. and a
final inc. of 0 Min.

Initial Shut-In
Breakdown: 0 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: 0 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>58</u>			<u>0</u>	<u>188</u>		
P 2 <u>5</u>	<u>58</u>			<u>5</u>	<u>188</u>		
P 3 <u>10</u>	<u>58</u>			<u>10</u>	<u>188</u>		
P 4 <u>15</u>	<u>58</u>			<u>15</u>	<u>188</u>		
P 5 <u>20</u>	<u>79</u>			<u>20</u>	<u>188</u>		
P 6 <u>25</u>	<u>88</u>			<u>25</u>	<u>201</u>		
P 7 <u>30</u>	<u>93</u>			<u>30</u>	<u>201</u>		
P 8 <u>35</u>	<u>139 *</u>			<u>35</u>	<u>203</u>		
P 9 <u>40</u>	<u>183 *</u>			<u>40</u>	<u>205</u>		
P10 <u>45</u>	<u>199 *</u>			<u>45</u>	<u>206</u>		
P11				<u>50</u>	<u>206</u>		
P12				<u>55</u>	<u>206</u>		
P13				<u>60</u>	<u>206</u>		
P14							
P15							
P16							
P17							
P18							
P19							
P20							