

MILLER TESTING COMPANY

Box 547

GREAT BEND, KANSAS

Company THUNDERBIRD DRILLING CO., INC.

Lease and Well No. LEIKER B #2

County NESS

State KANSAS

Date NOVEMBER 13, 1971

Formation Test No. 1 Total Depth 4090 Elev. 2292
Interval Tested 4054 To 4090 Anchor Length 36'
Size Hole 7 7/8 Size Drill Pipe 4 1/2 F.H. Size Packer 6 3/4
Mud Weight 9.2 Viscosity 43 Water Loss 9.4 c.c. Bottom Hole Temp. 114 °F
Chokes: Top 1/2 Bottom 1/2 Ticket No. 11997
Length of Drill Collar I. D. Length Flexweight 1019 I. D. 2.76

RECOVERY

WEAK BLOW FOR 8 MINUTES. FLUSHED TOOL IN 5 MINUTES ON SECOND OPENING.
NO BLOW.

10 FEET OF MUD.

Lease and Well No. LEIKER B #2

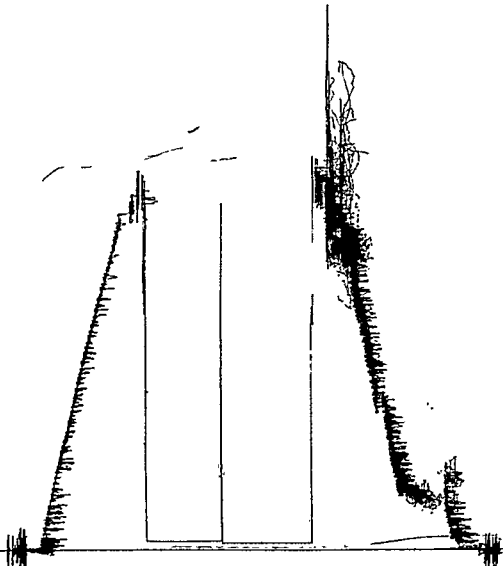
13-18S-24W

NW SE

Formation Test No. 1

Box # 8774

11997



1

6

Tool Open: 1st Flow hr. 30 mins: Shut-in Initial hr. 30 min: 2nd Flow hr. 30 min: Shut-in Final hr. 30 min.

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	<u>2034</u>	<u>1919</u>
(B) Initial 1st Flow Pressure	<u>36</u>	<u>41</u>
(C) Final 1st Flow Pressure	<u>36</u>	<u>41</u>
(D) Initial Shut-in Pressure	<u>36</u>	<u>41</u>
(E) Initial 2nd Flow Pressure	<u>36</u>	<u>41</u>
(F) Final 2nd Flow Pressure	<u>43</u>	<u>52</u>
(G) Final Shut-in Pressure	<u>43</u>	<u>52</u>
(H) Final Hydrostatic Pressure	<u>1897</u>	<u>1897</u>

11997

MILLER TESTING COMPANY

Box 547

GREAT BEND, KANSAS

Company THUNDERBIRD DRILLING CO., INC.

Lease and Well No. LEIKER B #2

County NESS State KANSAS

Date NOVEMBER 14, 1971

Formation Test No. 2 Total Depth 4230 Elev. _____
Interval Tested 4206 To 4230 Anchor Length 24'
Size Hole 7 7/8 Size Drill Pipe 4 1/2 F.H. Size Packer 6 3/4
Mud Weight 9.5 Viscosity 39 Water Loss 6.8 c.c. Bottom Hole Temp. 102 °F
Chokes: Top 1/2 Bottom 1/2 Ticket No. 11624
Length of Drill Collar _____ I. D. _____ Length Flexweight 960 I. D. 2.76

RECOVERY

WEAK BLOW FOR 7 MINUTES.

15 FEET OF MUD.

Lease and Well No.

LEIKER B #2

13-18S-24W

NW SE

Formation Test No. 2

Rec #1049

11624

6



Tool Open: 1st Flow hr. 30 mins: Shut-in Initial hr. 30 min: 2nd Flow hr. 30 min: Shut-in Final hr. 30 min.

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	<u>2251</u>	<u>2233</u>
(B) Initial 1st Flow Pressure	<u>37</u>	<u>44</u>
(C) Final 1st Flow Pressure	<u>49</u>	<u>46</u>
(D) Initial Shut-in Pressure	<u>1190</u>	<u>1195</u>
(E) Initial 2nd Flow Pressure	<u>46</u>	<u>46</u>
(F) Final 2nd Flow Pressure	<u>49</u>	<u>48</u>
(G) Final Shut-in Pressure	<u>988</u>	<u>988</u>
(H) Final Hydrostatic Pressure	<u>2233</u>	<u>2205</u>

11624

MILLER TESTING COMPANY

Box 547

GREAT BEND, KANSAS

Company THUNDERBIRD DRILLING CO., INC.

Lease and Well No. LEIKER B #2

County NESS

State KANSAS

Date NOVEMBER 15, 1971

Formation Test No. 3 Total Depth 4290 Elev. _____
Interval Tested 4270 To 4290 Anchor Length 20'
Size Hole 7 7/8 Size Drill Pipe 4 1/2 F.H. Size Packer 6 3/4
Mud Weight 9.6 Viscosity 45 Water Loss _____ c.c. Bottom Hole Temp. 108 °F
Chokes: Top 1/2 Bottom 1/2 Ticket No. 11625
Length of Drill Collar _____ I. D. _____ Length Flexweight 960 I. D. 2.76

RECOVERY

WEAK BLOW FOR 30 MINUTES.

10 FEET OF MUD.

Lease and Well No.

LEIKER B #2

13-18S-24W

NW SE

Formation Test No. 3



11625

Rec # 1049

Tool Open: 1st Flow hr. 30 mins: Shut-in Initial hr. 30 min: 2nd Flow hr. 15 min: Shut-in Final hr. 30 min.

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	<u>2287</u>	<u>2278</u>
(B) Initial 1st Flow Pressure	<u>36</u>	<u>27</u>
(C) Final 1st Flow Pressure	<u>36</u>	<u>38</u>
(D) Initial Shut-in Pressure	<u>100</u>	<u>101</u>
(E) Initial 2nd Flow Pressure	<u>45</u>	<u>46</u>
(F) Final 2nd Flow Pressure	<u>54</u>	<u>46</u>
(G) Final Shut-in Pressure	<u>82</u>	<u>84</u>
(H) Final Hydrostatic Pressure	<u>2269</u>	<u>2260</u>

11625

MILLER TESTING COMPANY

Box 547

GREAT BEND, KANSAS

Company THUNDERBIRD DRILLING CO., INC.

Lease and Well No. LEIKER B #2

County NESS State KANSAS Date NOVEMBER 16, 1971

Formation Test No. 4 Total Depth 4300 Elev. 2292 K.B.
Interval Tested 4270 To 4300 Anchor Length 30'
Size Hole 7 7/8 Size Drill Pipe 4 1/2 F.H. Size Packer 6 3/4
Mud Weight 9.6 Viscosity 45 Water Loss 9.6 c.c. Bottom Hole Temp. 112 °F
Chokes: Top 1/2 Bottom 1/2 Ticket No. 11901
Length of Drill Collar _____ I. D. _____ Length Flexweight 960 I. D. 2.76

RECOVERY

WEAK STEADY BLOW THROUGHOUT TEST.

60 FEET OF WATERY MUD.

Lease and Well No.

LEIKER B #2

13-18S-24W

NW SE

Formation Test No. 4

Rec #1059

11901

6

Tool Open: 1st Flow ____ hr. 45 mins: Shut-in Initial ____ hr. 45 min: 2nd Flow ____ hr. 45 min: Shut-in Final ____ hr. 45 min.

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	<u>2360</u>	<u>2297</u>
(B) Initial 1st Flow Pressure	<u>54</u>	<u>PARTIAL PLUGGING</u>
(C) Final 1st Flow Pressure	<u>73</u>	<u>PARTIAL PLUGGING</u>
(D) Initial Shut-in Pressure	<u>457</u>	<u>459</u>
(E) Initial 2nd Flow Pressure	<u>109</u>	<u>PARTIAL PLUGGING</u>
(F) Final 2nd Flow Pressure	<u>128</u>	<u>PARTIAL PLUGGING</u>
(G) Final Shut-in Pressure	<u>512</u>	<u>512</u>
(H) Final Hydrostatic Pressure	<u>2342</u>	<u>2278</u>

11901