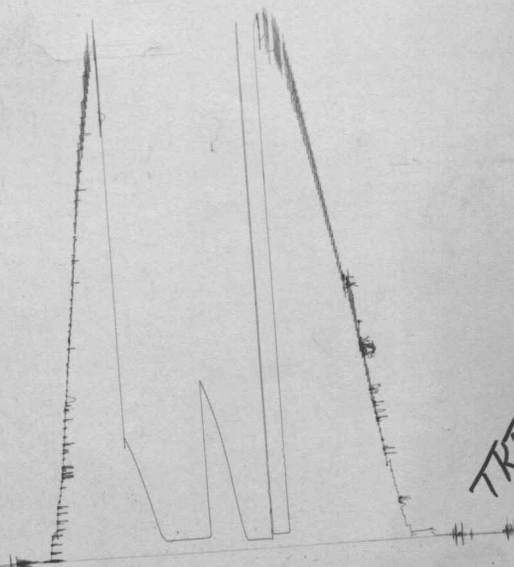


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TKT-204



THUNDERBIRD DRLG., INC.

TESTING DIVISION

Box 18407

WICHITA, KANSAS

Company Thunderbird Drilling Inc.

Lease and Well No. Burtis Motor Company # 1

County Finney State Kansas Date 6-8-72

Formation Test No. 1 Total Depth 4300' Elev. _____

Interval Tested 4246' To 4300' Anchor Length 54'

Size Hole 7 7/8" Size Drill Pipe 4 1/2" FH Size Packer 6 3/4"

Mud Weight 10 Viscosity 43 Water Loss 9.6 c.c. Bottom Hole Temp. 118 ° F

Chokes: Top 1/2" Bottom 1/2" Ticket No. 204

RECOVERY

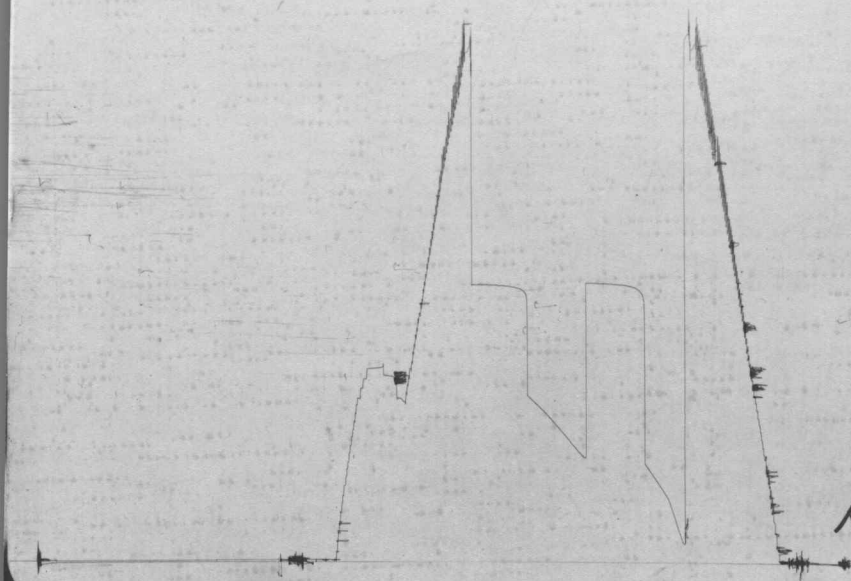
Blow: Weak for 5 mins. Flushed tool.

Recovery: 10' of mud

Lease and Well No. BURTIS MOTOR COMPANY Sec 2 Twn 21-S Rg 34-W
C SW SW Formation Test No. 1

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>2347</u>	<u>2338</u>
(B) Initial 1st Flow Pressure	<u>43</u>	<u>61</u> ✓
(C) Final 1st Flow Pressure	<u>43</u>	<u>43</u>
(D) Initial Shut-in Pressure	<u>779</u>	<u>770</u>
(E) Initial 2nd Flow Pressure	<u>69</u>	<u>67</u>
(F) Final 2nd Flow Pressure	<u>69</u>	<u>67</u> ✓
(G) Final Shut-in Pressure	<u>536</u>	<u>536</u> ✓
(H) Final Hydrostatic Pressure	<u>2329</u>	<u>2329</u>



TRT-205

E-2162

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THUNDERBIRD DRLG., INC.

TESTING DIVISION

Box 18407

WICHITA, KANSAS

Company Thunderbird Drilling Inc.

Lease and Well No. Burtis Motor Company # 1

County Finney State Kansas Date 6-9-72

Formation Test No. 2 Total Depth 4375' Elev. _____

Interval Tested 4313' To 4375' Anchor Length 62'

Size Hole 7 7/8" Size Drill Pipe 4 1/2" FH Size Packer 6 3/4"

Mud Weight 10.1 Viscosity 43 Water Loss 6 c.c. Bottom Hole Temp. 123 ° F

Chokes: Top 1/2" Bottom 1/2" Ticket No. 205

RECOVERY

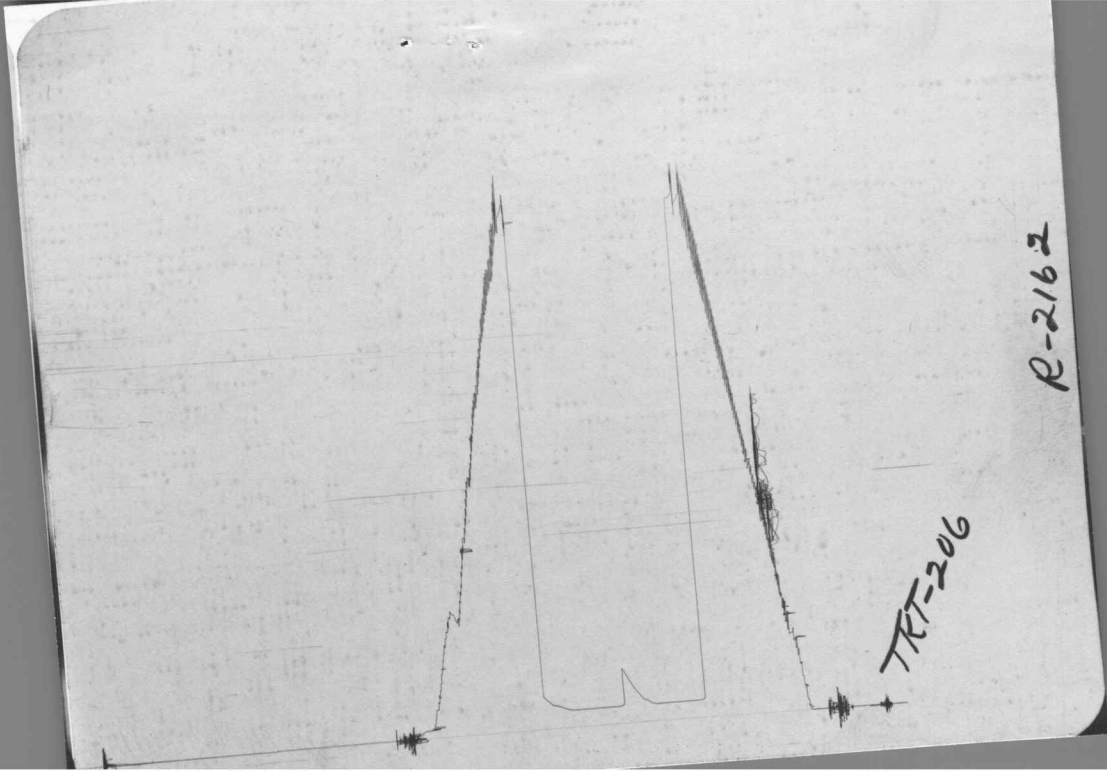
Blow: Good

Recovery: 1500' of water.

Lease and Well No. BURTIS MOTOR COMPANY # 1 Sec 2 Twn 21-S Rg 34-W
C SW SW Formation Test No. 2

Tool Open: 1st Flow 30 hrs: Shut-in Initial 45 min: 2nd Flow 45 min: Shut-in Final 45 min.

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	<u>2364</u>	<u>2356</u>
(B) Initial 1st Flow Pressure	<u>69</u>	<u>81</u> ✓
(C) Final 1st Flow Pressure	<u>441</u>	<u>441</u>
(D) Initial Shut-in Pressure	<u>1254</u>	<u>1254</u>
(E) Initial 2nd Flow Pressure	<u>458</u>	<u>467</u>
(F) Final 2nd Flow Pressure	<u>744</u>	<u>753</u> ✓
(G) Final Shut-in Pressure	<u>1246</u>	<u>1246</u> ✓
(H) Final Hydrostatic Pressure	<u>2347</u>	<u>2347</u>



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THUNDERBIRD DRLG., INC.

TESTING DIVISION

Box 18407

WICHITA, KANSAS

Company Thunderbird Drilling Inc.

Lease and Well No. Burtis Motor Company # 1

County Finney State Kansas Date 6-10-72

Formation Test No. 3 Total Depth 4470' Elev. _____

Interval Tested 4377' To 4470' Anchor Length 93'

Size Hole 7 7/8" Size Drill Pipe 4 1/2" FH Size Packer 6 3/4"

Mud Weight 9.9 Viscosity 40 Water Loss 6 c.c. Bottom Hole Temp. 120 ° F

Chokes: Top 1/2" Bottom 1/2" Ticket No. 206

RECOVERY

Blow: Weak for 4 mins.

Recovery: 5' of mud

Lease and Well No. BURTIS MOTOR COMPANY # 1 Sec 2 Twn 21-S Rg 34-W

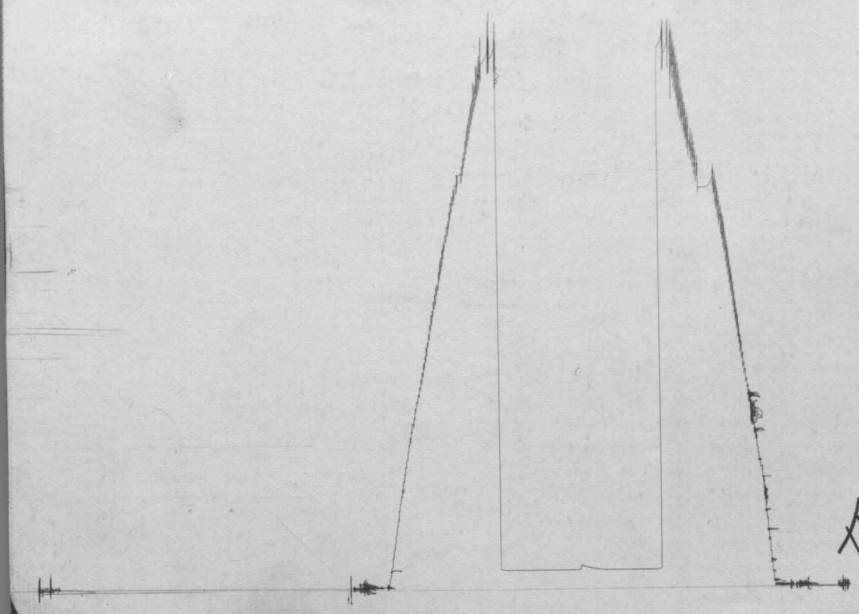
Formation Test No. 3

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>2364</u>	<u>2391</u>
(B) Initial 1st Flow Pressure	<u>78</u>	<u>81</u> ✓
(C) Final 1st Flow Pressure	<u>78</u>	<u>81</u>
(D) Initial Shut-in Pressure	<u>251</u>	<u>251</u>
(E) Initial 2nd Flow Pressure	<u>78</u>	<u>81</u>
(F) Final 2nd Flow Pressure	<u>78</u>	<u>81</u> ✓
(G) Final Shut-in Pressure	<u>138</u>	<u>147</u> ✓
(H) Final Hydrostatic Pressure	<u>2364</u>	<u>2391</u>

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TKT-207



THUNDERBIRD DRLG., INC.

TESTING DIVISION

Box 18407

WICHITA, KANSAS

Company Thunderbird Drilling Inc.

Lease and Well No. Burtis Motor Company # 1

County Finney State Kansas Date 6-11-72

Formation Test No. 4 Total Depth 4545' Elev. _____
 Interval Tested 4462' To 4545' Anchor Length 83'
 Size Hole 7 7/8" Size Drill Pipe 4 1/2" FH Size Packer 6 3/4"
 Mud Weight 9.9 Viscosity 43 Water Loss 6.4 c.c. Bottom Hole Temp. 121 ° F
 Chokes: Top 1/2" Bottom 1/2" Ticket No. 207

RECOVERY

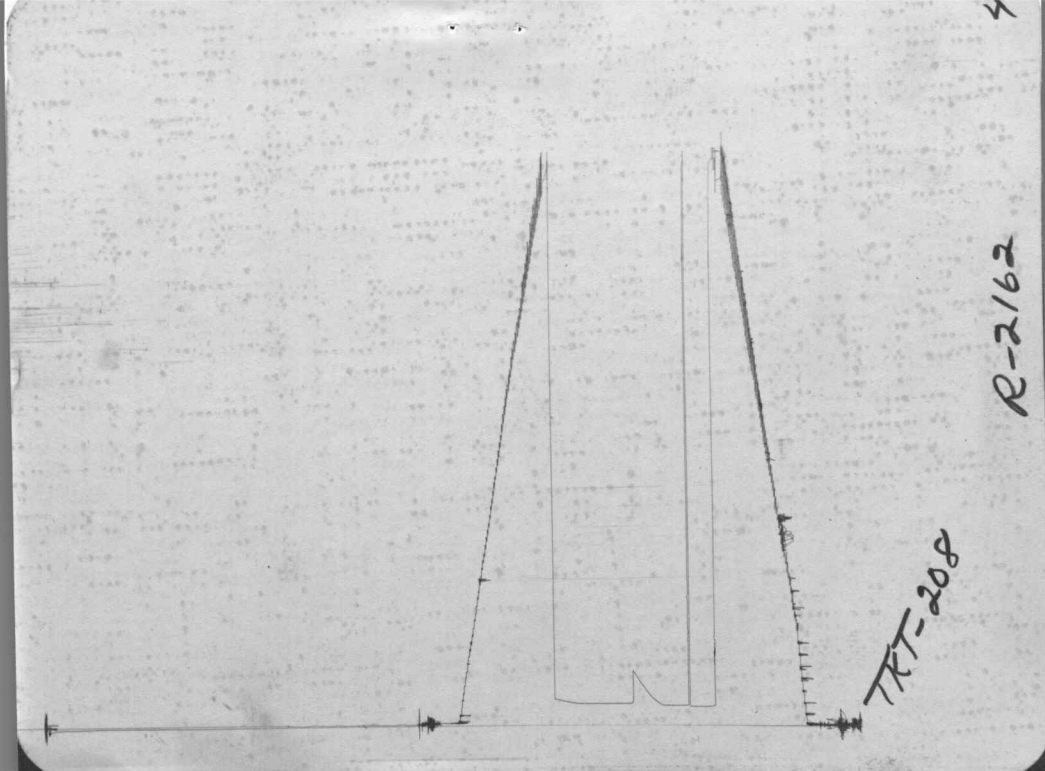
Blow: Weak blow 5 mins.

Recovery: 10' of mud

Lease and Well No. BURTIS MOTOR COMPANY # 1 Sec 2 Twn 21-S Rg 34-W
 C SW SW Formation Test No. 4

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>2452</u>	<u>2444</u>
(B) Initial 1st Flow Pressure	<u>87</u>	<u>87</u> ✓
(C) Final 1st Flow Pressure	<u>87</u>	<u>87</u>
(D) Initial Shut-in Pressure	<u>112</u>	<u>111</u>
(E) Initial 2nd Flow Pressure	<u>87</u>	<u>87</u>
(F) Final 2nd Flow Pressure	<u>87</u>	<u>87</u> ✓
(G) Final Shut-in Pressure	<u>87</u>	<u>87</u> ✓
(H) Final Hydrostatic Pressure	<u>2435</u>	<u>2444</u>



THUNDERBIRD DRLG., INC.

TESTING DIVISION

Box 18407

WICHITA, KANSAS

Company Thunderbird Drilling Inc.

Lease and Well No. Burtis Motor Company # 1

County Finney State Kansas Date 6-12-72

Formation Test No. 5 Total Depth 4645' Elev. _____
 Interval Tested 4550' To 4645' Anchor Length 95'
 Size Hole 7 7/8" Size Drill Pipe 4 1/2" FH Size Packer 6 3/4"
 Mud Weight 9.9 Viscosity 44 Water Loss 7.8 c.c. Bottom Hole Temp. 122 ° F
 Chokes: Top 1/2" Bottom 1/2" Ticket No. 208

RECOVERY

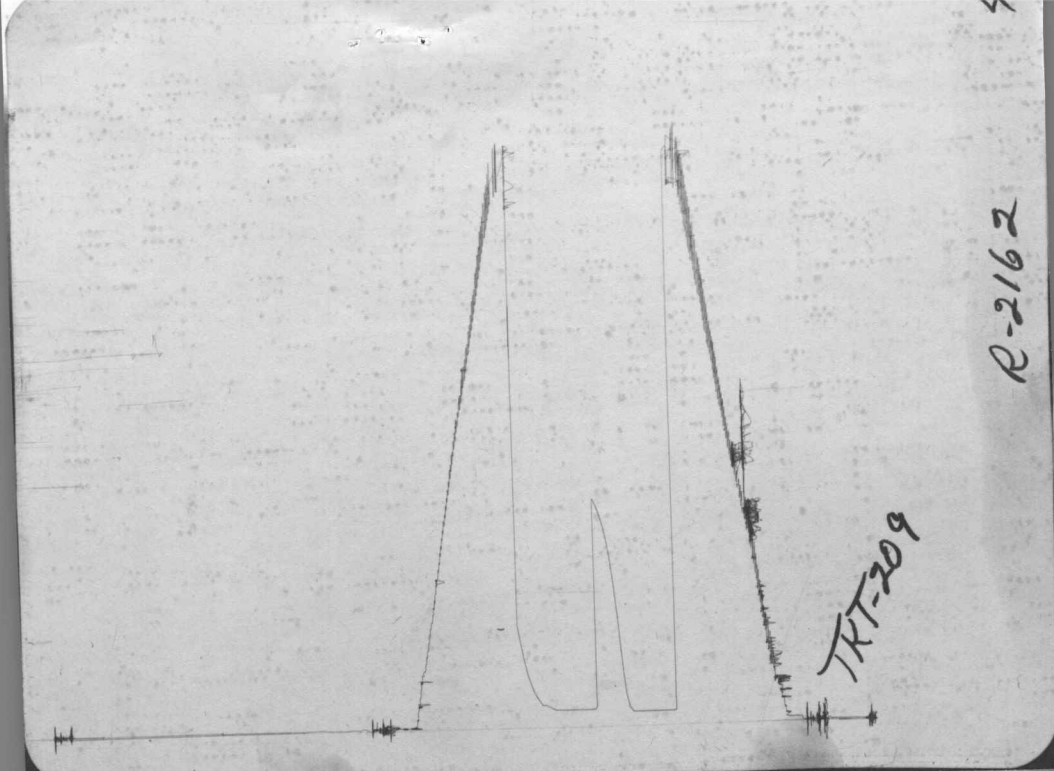
Blow: Weak for 4 mins.

Recovery: 10' of mud

Lease and Well No. BURTIS MOTOR COMPANY # 1 Sec 2 Twn 21-S Rg 34-W
 C SW 3W Formation Test No. 5

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>2523</u>	<u>2532</u>
(B) Initial 1st Flow Pressure	<u>82</u>	<u>83</u> ✓
(C) Final 1st Flow Pressure	<u>87</u>	<u>87</u>
(D) Initial Shut-in Pressure	<u>251</u>	<u>242</u>
(E) Initial 2nd Flow Pressure	<u>95</u>	<u>95</u>
(F) Final 2nd Flow Pressure	<u>95</u>	<u>95</u> ✓
(G) Final Shut-in Pressure	<u>121</u>	<u>118</u> ✓
(H) Final Hydrostatic Pressure	<u>2505</u>	<u>2523</u>



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THUNDERBIRD DRLG., INC.

TESTING DIVISION

Box 18407

WICHITA, KANSAS

Company Thunderbird Drilling Inc.

Lease and Well No. Burtis Motor Company # 1

County Finney State Kansas

Date 6-13-72

Formation Test No. 6 Total Depth 4731' Elev. _____
 Interval Tested 4661' To 4731' Anchor Length 60'
 Size Hole 7 7/8" Size Drill Pipe 4 1/2" FH Size Packer 6 3/4"
 Mud Weight 9.9 Viscosity 44 Water Loss 6.4 c.c. Bottom Hole Temp. 122 ° F
 Chokes: Top 1/2" Bottom 1/2" Ticket No. 209

RECOVERY

Blow: Weak for 7 mins.

Recovery: 20' of mud with show of oil in top of tool.

Lease and Well No. BURTIS MOTOR COMPANY # 1 Sec 2 Twn 21-S Rg 34-W
 C SW SW Formation Test No. 6

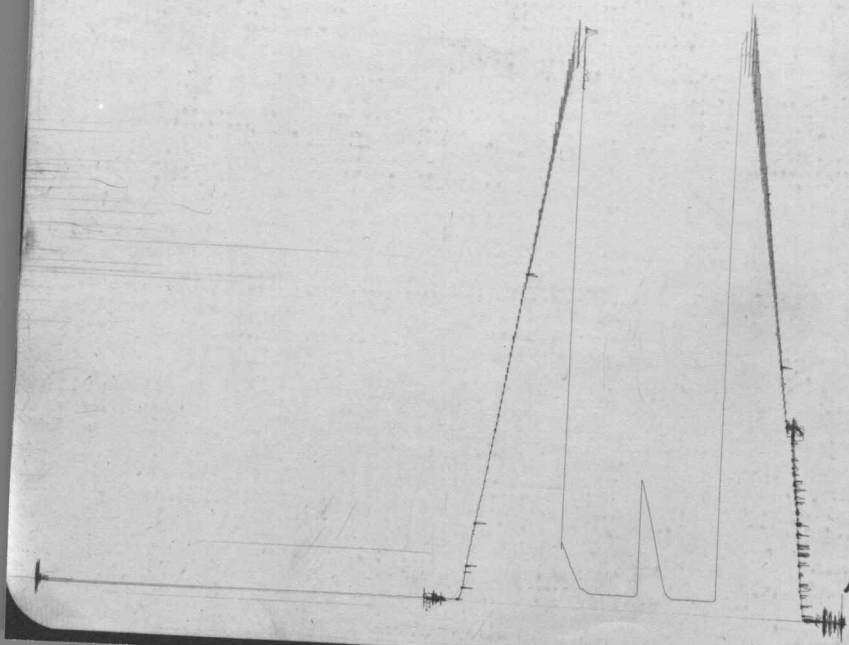
Tool Open: 1st Flow hr. 30 mins: Shut-in Initial hr. 30 min: 2nd Flow hr. 30 min: Shut-in Final hr. 30 min.

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	<u>2593</u>	<u>2602</u>
(B) Initial 1st Flow Pressure	<u>69</u>	<u>69</u> ✓
(C) Final 1st Flow Pressure	<u>78</u>	<u>71</u>
(D) Initial Shut-in Pressure	<u>1021</u>	<u>1026</u>
(E) Initial 2nd Flow Pressure	<u>87</u>	<u>81</u>
(F) Final 2nd Flow Pressure	<u>87</u>	<u>81</u> ✓
(G) Final Shut-in Pressure	<u>467</u>	<u>467</u> ✓
(H) Final Hydrostatic Pressure	<u>2576</u>	<u>2602</u>

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TKT-210



THUNDERBIRD DRLG., INC.

TESTING DIVISION

Box 18407

WICHITA, KANSAS

Company Thunderbird Drilling Inc.

Lease and Well No. Burtis Motor Company # 1

County Finney

State Kansas

Date 6-14-72

Formation Test No. 7 Total Depth 4782' Elev. _____
 Interval Tested 4734' To 4782' Anchor Length 48'
 Size Hole 7 7/8" Size Drill Pipe 4 1/2" FH. Size Packer 6 3/4"
 Mud Weight 9.9 Viscosity 48 Water Loss 8.4 c.c. Bottom Hole Temp. 124 ° F
 Chokes: Top 1/2" Bottom 1/2" Ticket No. 210

RECOVERY

Blow: Weak for 5 mins.

Recovery: 10' of mud

Lease and Well No. BURTIS MOTOR COMPANY # 1 Sec 2 Twn 21-S Rg 34-W
 Formation Test No. 7
 C SW SW

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

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	<u>2576</u>	<u>2584</u>
(B) Initial 1st Flow Pressure	<u>52</u>	<u>66</u> ✓
(C) Final 1st Flow Pressure	<u>61</u>	<u>66</u>
(D) Initial Shut-in Pressure	<u>649</u>	<u>588</u>
(E) Initial 2nd Flow Pressure	<u>61</u>	<u>66</u>
(F) Final 2nd Flow Pressure	<u>61</u>	<u>66</u> ✓
(G) Final Shut-in Pressure	<u>277</u>	<u>285</u> ✓
(H) Final Hydrostatic Pressure	<u>2576</u>	<u>2576</u>