

MILLER TESTING COMPANY

Box 547

GREAT BEND, KANSAS

Company THUNDERBIRD DRILLING, INC.

Lease and Well No. WINTERS #1

County ROOKS State KANSAS

Date APRIL 25, 1969

Formation Test No. 1 Total Depth 3503 Elev. 2176 KB
 Interval Tested 3486 To 3503 Anchor Length 17
 Size Hole 7 7/8 Size Drill Pipe 4 1/2 FH Size Packer 6 3/4
 Mud Weight 10.2 Viscosity 39 Water Loss 16 c.c. Bottom Hole Temp. 109 ° F
 Chokes: Top 1/2 Bottom 1/2 Ticket No. 9745

RECOVERY

GOOD BLOW THROUGHOUT TEST.

520 FEET OF WATER.

952 FEET OF FLEXWEIGHT.

Lease and Well No.

WINTERS #1

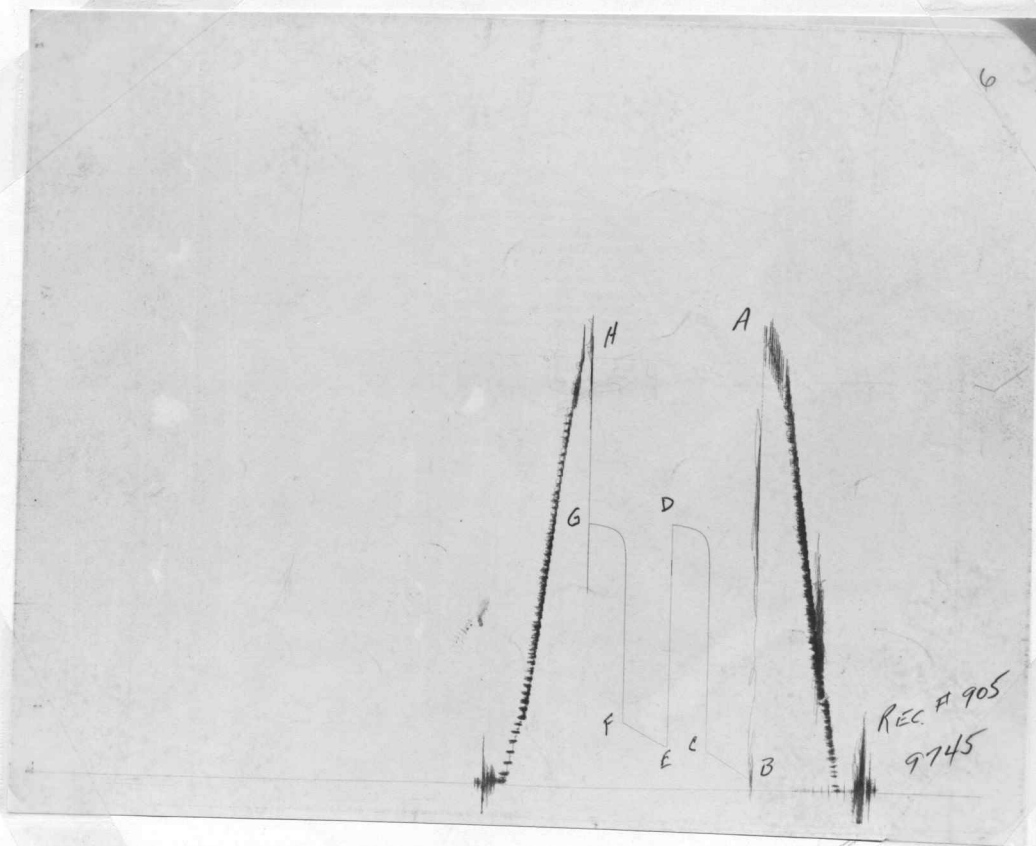
22

10S 19W

NE NW NE

Formation Test No.

1



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

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	1963	2014
(B) Initial 1st Flow Pressure	45	42
(C) Final 1st Flow Pressure	170	168
(D) Initial Shut-in Pressure	1164	1164
(E) Initial 2nd Flow Pressure	187	185
(F) Final 2nd Flow Pressure	289	289
(G) Final Shut-in Pressure	1156	1164
(H) Final Hydrostatic Pressure	1955	1972

DATE APRIL 25, 1969

LEASE WINTERS

WELL NO. 1

TEST NO. 1

TICKET NO. 9745

	TIME	PSI
INITIAL HYDRO MUD PRESSURE		2014
INITIAL CLOSED IN PRESSURE	30 mins	1164
INITIAL FLOW	30 mins	42 to 168
FINAL FLOW	30 mins	185 to 289
FINAL CLOSED IN PRESSURE	30 mins	1164
FINAL HYDRO MUD PRESSURE		1972

TOTAL DEPTH 3503

PACKER DEPTH 3486

BT. NO. 905 DEPTH 3498

1ST FLOW PRESSURE		INITIAL CIP		2ND FLOW PRESSURE		FINAL CIP	
	42		168		185		289
	76		1113		204		1088
	93		1130		221		1135
	119		1147		238		1147
	136		1156		255		1156
	153		1162		272		1162
	168		1164		289		1164
5	MINUTE INTERVAL	5	MINUTE INTERVAL	5	MINUTE INTERVAL	5	MINUTE INTERVAL

REMARKS

SPECIAL PRESSURE DATA