MILLER TESTING COMPANY

Box 547

GREAT BEND, KANSAS

Company SHIELDS OIL PRODUCERS, INC.

Lease and Well No. LESAGE # 1

County ROOKS State KANSAS Date JUNE 23,1974

Formation Test No. 1 Total Depth 3469 Elev. 2192 K.B.

Interval Tested 3440 To 3469 Anchor Length 29'

Size Hole 7 7/8 Size Drill Pipe 4 1/2 F.H. Size Packer 6 3/4

Mud Weight 10.3 Viscosity 40 Water Loss 10.4 c.c. Bottom Hole Temp. 99 °F

Chokes: Top 1/2 Bottom 1/2 Ticket No. 12895

Length of Drill Collar I. D. Length Flexweight 630 I. D. 2.76

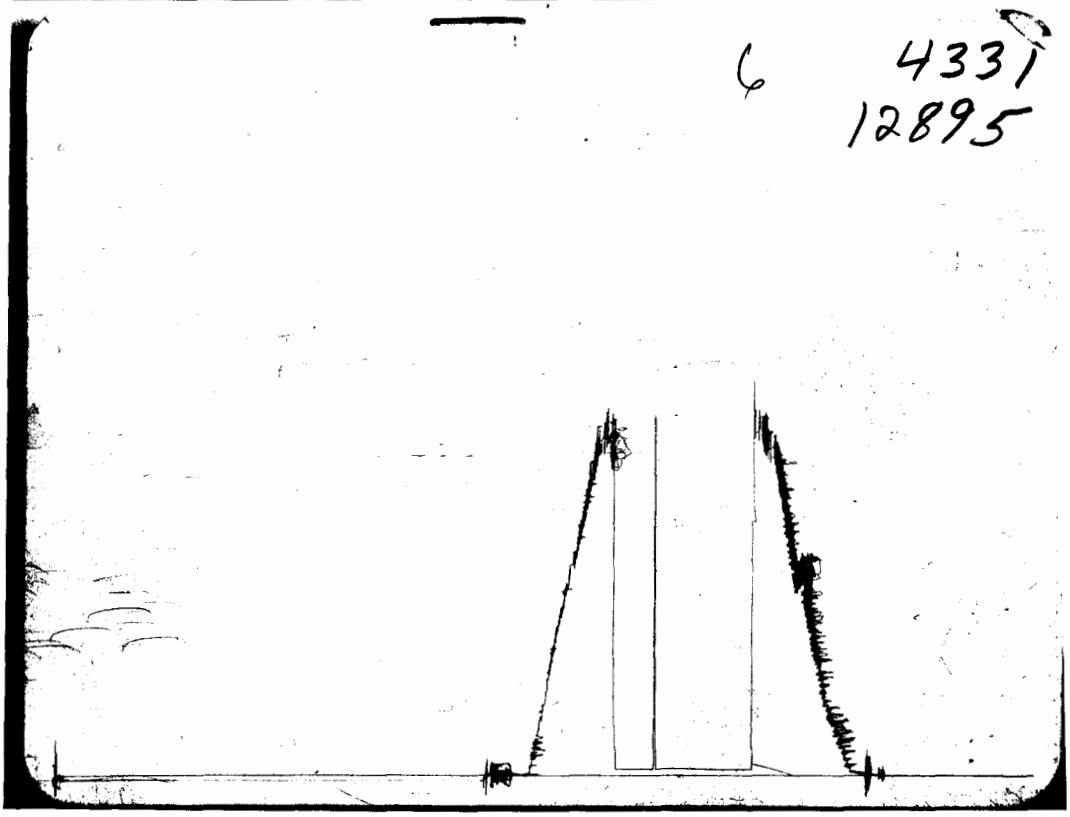
RECOVERY

WEAK BLOW, DEAD IN 1 MINUTE. FLUSHED TOOL 12 MINUTES AFTER SECOND OPENING. NO HELP.

5 FEET OF DRILLING MUD.

Lease and Well No. LESAGE # 1 9 7S 20W C/SW/SW Formation Test No. 1

6 4331
12895



Tool Open: 1st Flow ___ hr. 30 mins: Shut-in Initial ___ hr. 30 min: 2nd Flow ___ hr. 25 min: Shut-in Final ___ hr. 15 min.

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	2046	1941
(B) Initial 1st Flow Pressure	33	33
(C) Final 1st Flow Pressure	33	33
(D) Initial Shut-in Pressure	44	44
(E) Initial 2nd Flow Pressure	44	39
(F) Final 2nd Flow Pressure	44	39
(G) Final Shut-in Pressure	44	39
(H) Final Hydrostatic Pressure	2025	1930

12895

MILLER TESTING COMPANY

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GREAT BEND, KANSAS

Company SHIELDS OIL PRODUCERS, INC.

Lease and Well No. LESAGE # 1

County ROOKS State KANSAS Date JUNE 24,1974

Formation Test No. 2 Total Depth 3515 Elev. 2192 K.B.

Interval Tested 3474 To 3515 Anchor Length 41'

Size Hole 7 7/8 Size Drill Pipe 4 1/2 F.H. Size Packer 6 3/4

Mud Weight 10.4 Viscosity 42 Water Loss 9.6 c.c. Bottom Hole Temp. 102 °F

Chokes: Top 1/2 Bottom 1/2 Ticket No. 12896

Length of Drill Collar I. D. Length Flexweight 630 I. D. 2.76

RECOVERY

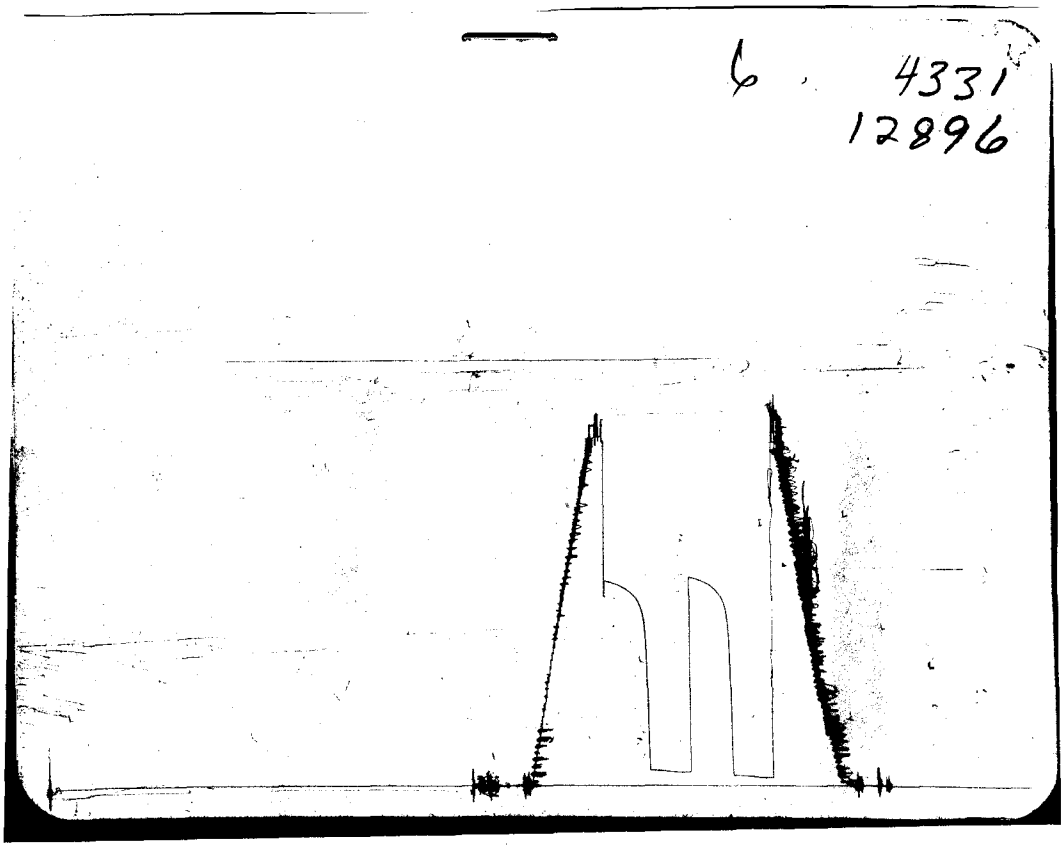
WEAK STEADY BLOW (¼ " UNDER SURFACE.)

90 FEET OF WATERY MUD.

Lease and Well No. LESAGE # 1 9 7S 20W C/SW/SW

Formation Test No. 2

6 . 4331
12896



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	2120	1972
(B) Initial 1st Flow Pressure	44	44
(C) Final 1st Flow Pressure	66	65
(D) Initial Shut-in Pressure	1157	1164
(E) Initial 2nd Flow Pressure	76	76
(F) Final 2nd Flow Pressure	87	87
(G) Final Shut-in Pressure	1136	1147
(H) Final Hydrostatic Pressure	2099	1941

12896

MILLER TESTING COMPANY

Box 547

GREAT BEND, KANSAS

Company SHIELDS OIL PRODUCERS, INC.

Lease and Well No. LESAGE # 1

County ROOKS State KANSAS Date JUNE 25,1974

Formation Test No. 3 Total Depth 3616 Elev. 2192 K.B.

Interval Tested 3560 To 3616 Anchor Length 56'

Size Hole 7 7/8 Size Drill Pipe 4 1/2 F.H. Size Packer 6 3/4

Mud Weight 10.3 Viscosity 41 Water Loss 14.4 c.c. Bottom Hole Temp. 103 °F

Chokes: Top 1/2 Bottom 1/2 Ticket No. 12897

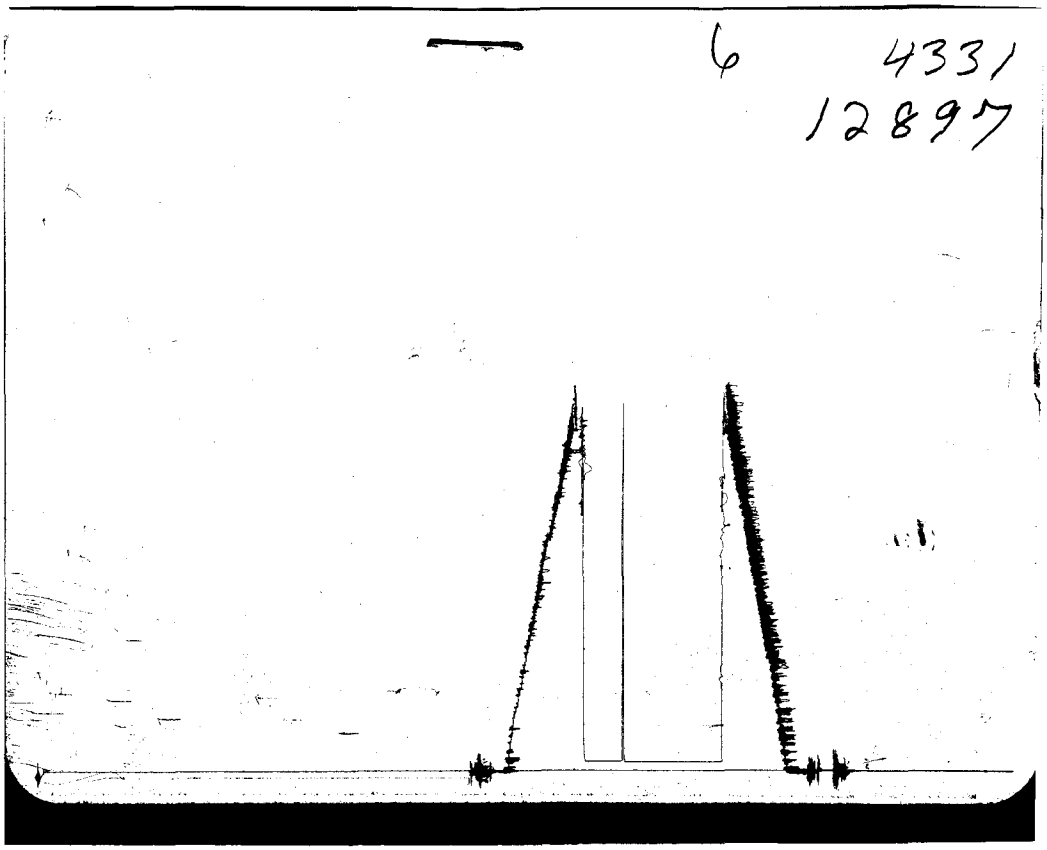
Length of Drill Collar I. D. Length Flexweight 630 I. D. 2.76

RECOVERY

(1st.) WEAK BLOW, DEAD IN 10 MINUTES. FLUSHED TOOL 12 MINUTES AFTER SECOND OPNEING. (NO HELP.)

25 FEET OF MUD.

Lease and Well No. LESAGE # 1 9 7S 20W C/SW/SW Formation Test No. 3



Tool Open: 1st Flow ___ hr. 30 mins: Shut-in Initial ___ hr. 30 min: 2nd Flow ___ hr. 25 min: Shut-in Final ___ hr. 15 min.

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	2109	2036
(B) Initial 1st Flow Pressure	44	50
(C) Final 1st Flow Pressure	44	50
(D) Initial Shut-in Pressure	44	54
(E) Initial 2nd Flow Pressure	44	50
(F) Final 2nd Flow Pressure	55	52
(G) Final Shut-in Pressure	55	52
(H) Final Hydrostatic Pressure	2088	1972

MILLER TESTING COMPANY

Box 547

GREAT BEND, KANSAS

Company SHIELDS OIL PRODUCERS, INC.

Lease and Well No. LESAGE # 1

County ROOKS State KANSAS Date JUNE 26,1974

Formation Test No. 4 Total Depth 3668 Elev. 2192 K.B.

Interval Tested 3660 To 3668 Anchor Length 8'

Size Hole 7 7/8 Size Drill Pipe 4 1/2 F.H. Size Packer 6 3/4

Mud Weight 10.3 Viscosity 41 Water Loss 14.4 c.c. Bottom Hole Temp. 106 °F

Chokes: Top 1/2 Bottom 1/2 Ticket No. 12898

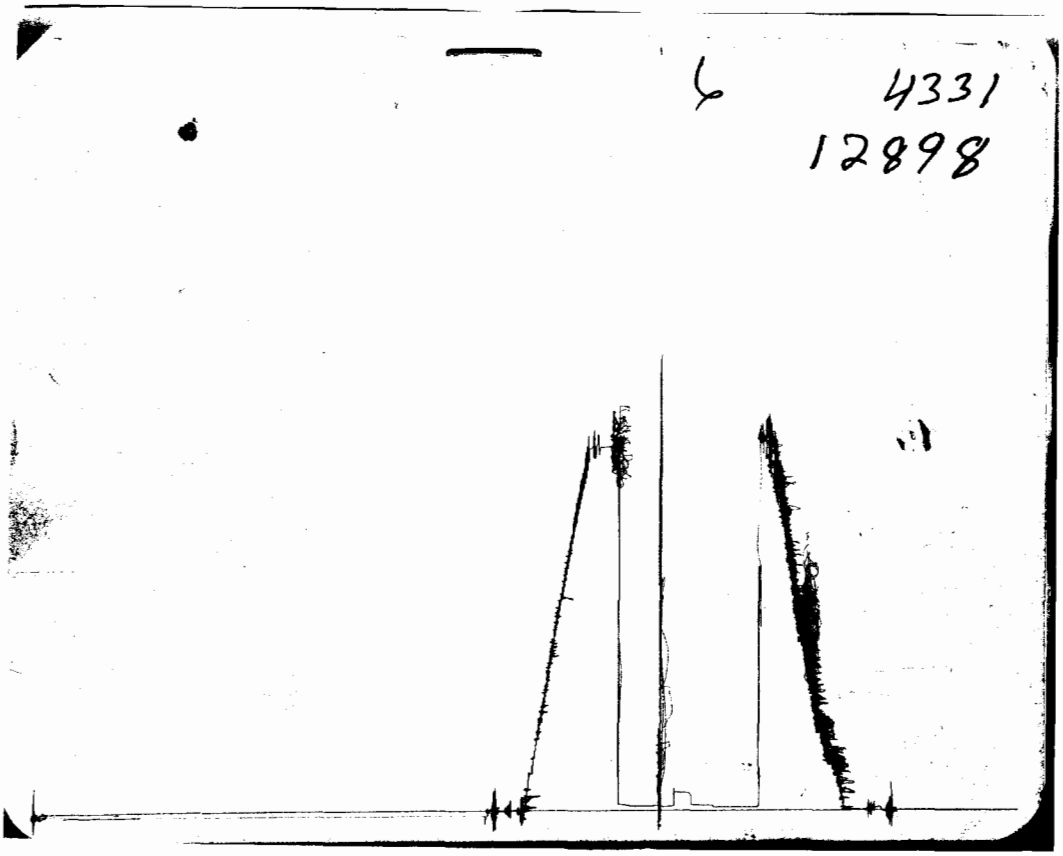
Length of Drill Collar I. D. Length Flexweight 630 I. D. 2.76

RECOVERY

FIRST OPENING, WEAK BLOW DEAD IN 15 MINUTES. FLUSHED TOOL
12 MINUTES AFTER SECOND OPENING (NO HELP.)

20 FEET OF OIL SPECKED MUD.

Lease and Well No. LESAGE # 1 Sec. 9 TS 20W C/SW/SW Formation Test No. 4



Tool Open: 1st Flow ___ hr. 30 mins: Shut-in Initial ___ hr. 30 min: 2nd Flow ___ hr. 25 min: Shut-in Final ___ hr. 15 min.

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	2141	2067
(B) Initial 1st Flow Pressure	11	17
(C) Final 1st Flow Pressure	22	17
(D) Initial Shut-in Pressure	98	107
(E) Initial 2nd Flow Pressure	22	22
(F) Final 2nd Flow Pressure	22	22
(G) Final Shut-in Pressure	44	33
(H) Final Hydrostatic Pressure	2120	2025