

DATE 6-16-69

SEC. 33 TWN 22-S RG 21-W



TICKET NO 10211

LEGAL DESCRIPTION NW 1/4

TESTING COMPANY
P. O. BOX 547 PHONE (316) 793-3370
GREAT BEND, KANSAS

TEST NO. #1

COMPANY DAVIS MUD & CHEMICAL

ADDRESS Box 4498 GREAT BEND

LEASE Cure WELL NO. #1 COUNTY Halgeman STATE Kansas

INVOICES SENT TO: Same

DST COPIES SENT TO: Same

GENERAL INFORMATION

TOOL JT. 4 1/2" F. HOLE SIZE 7 7/8" PACKER O.D. 6 3/4"
ELEV. _____ TOTAL DEPTH 4515'
TESTED FROM 4498' TO 4515'
ANCHOR LENGTH BELOW 17' BETWEEN _____
TOOL OPEN 1ST FLOW 10:56 A.M. _____ P.M.
TOOL CLOSED INITIAL SHUT-IN 11:26 A.M. _____ P.M.
TOOL OPEN 2ND FLOW 11:56 A.M. _____ P.M.
TOOL CLOSED FINAL SHUT-IN _____ A.M. 12:26 P.M.
MUD WT. 10 VISCOSITY 44 W.L. 11.4 C.C.
SP. GRAVITY OIL _____ BOTTOM HOLE TEMPERATURE 116
LENGTH DRILL COLLAR _____ I.D. _____
LENGTH WEIGHT PIPE 840' I.D. 2.76
SUCCESSFUL TEST NO. #1 MISRUN NO. _____
CHOKES: TOP 6" BOTTOM 6"

PRESSURE DATA & TIME

| | FIELD READINGS | CORRECTED READINGS |
|-------------------------------|--------------------------------|--------------------|
| INITIAL HYDROSTATIC | <u>2961 #</u> | <u>2434</u> |
| INITIAL 1ST FLOW | <u>37 #</u> | <u>36</u> |
| FINAL 1ST FLOW | <u>41 #</u> | <u>36</u> |
| INITIAL SHUT-IN | <u>1409 #</u> | <u>1409</u> |
| INITIAL 2ND FLOW | <u>50 #</u> | <u>46</u> |
| FINAL 2ND FLOW | <u>55 #</u> | <u>55</u> |
| FINAL SHUT-IN | <u>1372 #</u> | <u>1382</u> |
| FINAL HYDROSTATIC | <u>2452 #</u> | <u>2379</u> |
| TOOL OPEN: 1ST FLOW | _____ HR. | <u>30</u> MIN. |
| INITIAL SHUT-IN | _____ HR. | <u>30</u> MIN. |
| 2ND FLOW | _____ HR. | <u>30</u> MIN. |
| FINAL SHUT-IN | _____ HR. | <u>30</u> MIN. |
| TOP RECORDER NO. <u>#1049</u> | BOTTOM RECORDER NO. <u>#48</u> | |

TYPE BLOW weak intermittent blow thru-out test. Flashed tool 15 min after 2nd open,

RECOVERY: 60' of Mud

EXTRA EQUIPMENT none

APPROVED BY: [Signature] MILLER TESTING COMPANY

TESTER: Alvin Russell

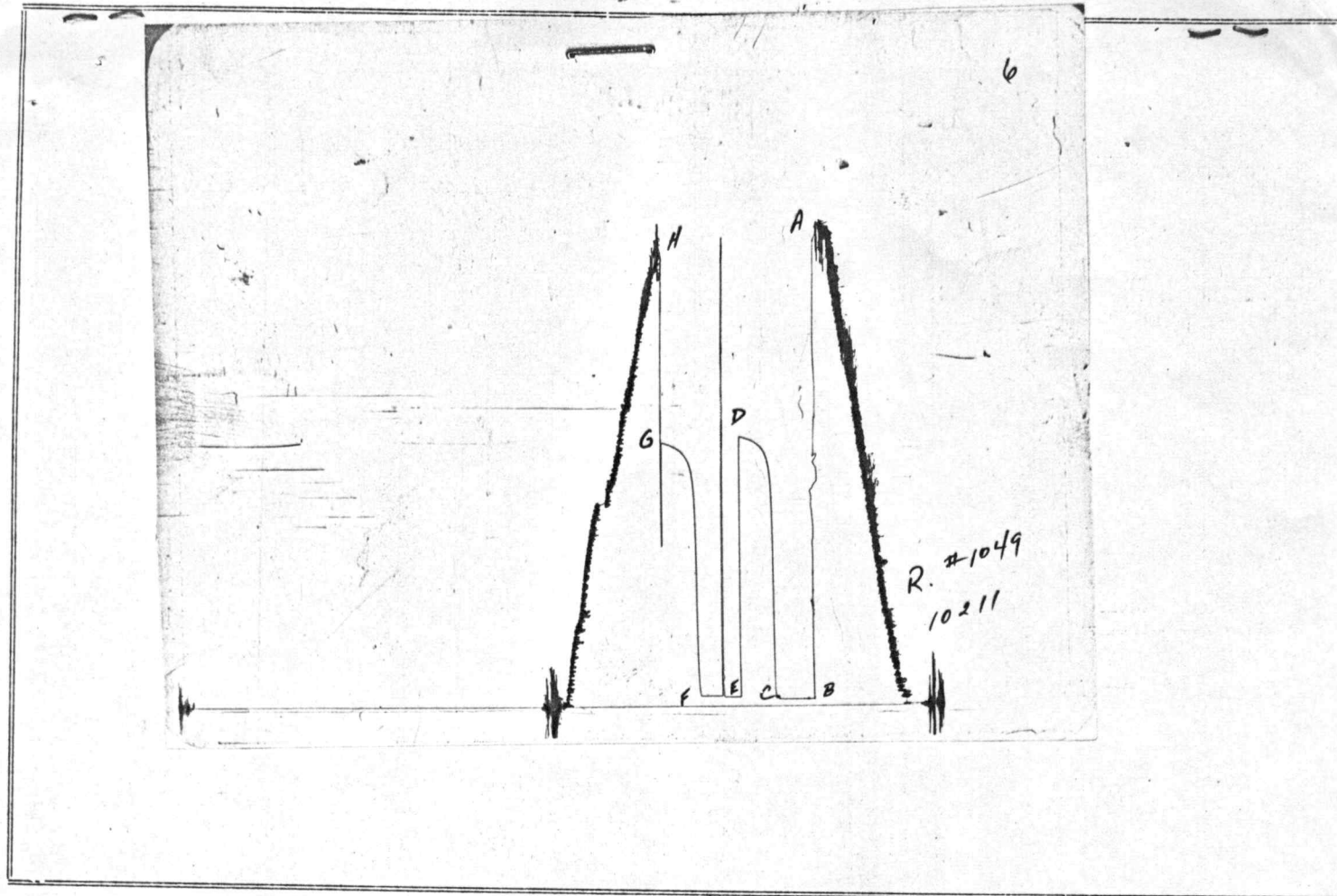
FORMATION TESTED Miss.

OPERATOR TIME: 14 hrs.

SHALL NOT BE LIABLE FOR ANY DAMAGE 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, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST WAS MADE.

CHARGES

| | |
|-----------------|-----------------------------|
| TEST CHARGE | \$ <u>210.⁰⁰</u> |
| EXTRA PACKERS | \$ _____ |
| JARS | \$ _____ |
| SAFETY JOINT | \$ _____ |
| HOOK WALL | \$ _____ |
| MISRUN CHARGE | \$ _____ |
| STAND-BY CHARGE | \$ _____ |
| DST EVALUATION | \$ _____ |
| TOTAL | \$ <u>210.⁰⁰</u> |



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>2461</u> | <u>2434</u> |
| (B) Initial 1st Flow Pressure | <u>37</u> | <u>36</u> |
| (C) Final 1st Flow Pressure | <u>41</u> | <u>36</u> |
| (D) Initial Shut-in Pressure | <u>1409</u> | <u>1409</u> |
| (E) Initial 2nd Flow Pressure | <u>50</u> | <u>46</u> |
| (F) Final 2nd Flow Pressure | <u>55</u> | <u>55</u> |
| (G) Final Shut-in Pressure | <u>1372</u> | <u>1382</u> |
| (H) Final Hydrostatic Pressure | <u>2452</u> | <u>2379</u> |

MILLER TESTING COMPANY

Box 547

GREAT BEND, KANSAS

Company DAVIS MUD AND CHEMICAL

Lease and Well No. CURE #1

County HODGEMAN

State KANSAS

Date JUNE 16, 1969

Formation Test No. 1 Total Depth 4515 Elev. 2261 KB
Interval Tested 4498 To 4515 Anchor Length 17
Size Hole 7 7/8 Size Drill Pipe 4 1/2 FH Size Packer 6 3/4
Mud Weight 10 Viscosity 44 Water Loss 11.4 c.c. Bottom Hole Temp. 116 °F
Chokes: Top 1/2 Bottom 1/2 Ticket No. 10211

RECOVERY

WEAK INTERMITTENT BLOW THROUGHOUT TEST. FLUSHED TOOL
15 MINUTES AFTER SECOND OPENING.

60 FEET OF MUD.

840 FEET OF FLEXWEIGHT.
2.76 I.D.

Lease and Well No. CURE #1 33 225 21W NW NE

Formation Test No. 1

1

DATE 6-16-69

SEC. 33 TWN 22-S RG 21-W

LEGAL DESCRIPTION NW/NE



TICKET NO 10212

TEST NO. #2

P. O. BOX 547 PHONE (316) 793-3370
GREAT BEND, KANSAS

COMPANY DAVIS MUD & CHEMICAL

ADDRESS Box 1111 GREAT BEND

LEASE Cure WELL NO. #1 COUNTY Hodgeman STATE Kansas

INVOICES SENT TO: Same

DST COPIES SENT TO: Same

GENERAL INFORMATION

TOOL JT. 4 1/2" FH HOLE SIZE 7 7/8" PACKER O.D. 6 3/4"
 ELEV. 2261' K&B TOTAL DEPTH 4526'
 TESTED FROM 4517' TO 4526'
 ANCHOR LENGTH BELOW 9' BETWEEN _____
 TOOL OPEN 1ST FLOW _____ A.M. 10:30 P.M.
 TOOL CLOSED INITIAL SHUT-IN _____ A.M. 11:00 P.M.
 TOOL OPEN 2ND FLOW _____ A.M. 11:30 P.M.
 TOOL CLOSED FINAL SHUT-IN _____ A.M. 12:00 P.M.
 MUD WT. 10 VISCOSITY 45 W.L. 11.4 C.C.
 SP. GRAVITY OIL _____ BOTTOM HOLE TEMPERATURE 116
 LENGTH DRILL COLLAR _____ I.D. _____
 LENGTH WEIGHT PIPE 840' I.D. 2.76
 SUCCESSFUL TEST NO. #2 MISRUN NO. _____
 CHOKES: TOP 1/2' BOTTOM 1/2'

PRESSURE DATA & TIME

| | FIELD READINGS | CORRECTED READINGS |
|-------------------------------|----------------|--------------------------------|
| INITIAL HYDROSTATIC | <u>2470#</u> | <u>2480</u> |
| INITIAL 1ST FLOW | <u>32#</u> | <u>27</u> |
| FINAL 1ST FLOW | <u>32#</u> | <u>27</u> |
| INITIAL SHUT-IN | <u>1460#</u> | <u>1391</u> |
| INITIAL 2ND FLOW | <u>49#</u> | <u>46</u> |
| FINAL 2ND FLOW | <u>49#</u> | <u>46</u> |
| FINAL SHUT-IN | <u>1582#</u> | <u>1385</u> |
| FINAL HYDROSTATIC | <u>2415#</u> | <u>2406</u> |
| TOOL OPEN: 1ST FLOW | | HR. <u>30</u> MIN. |
| INITIAL SHUT-IN | | HR. <u>30</u> MIN. |
| 2ND FLOW | | HR. <u>30</u> MIN. |
| FINAL SHUT-IN | | HR. <u>30</u> MIN. |
| TOP RECORDER NO. <u>#1649</u> | | BOTTOM RECORDER NO. <u>448</u> |

TYPE BLOW Weak Intermittant decreasing

RECOVERY: 25' of Mud w/very few Oil specks in top of Tool.

EXTRA EQUIPMENT None

APPROVED BY: [Signature] MILLER TESTING COMPANY

TESTER: Maurice Russell

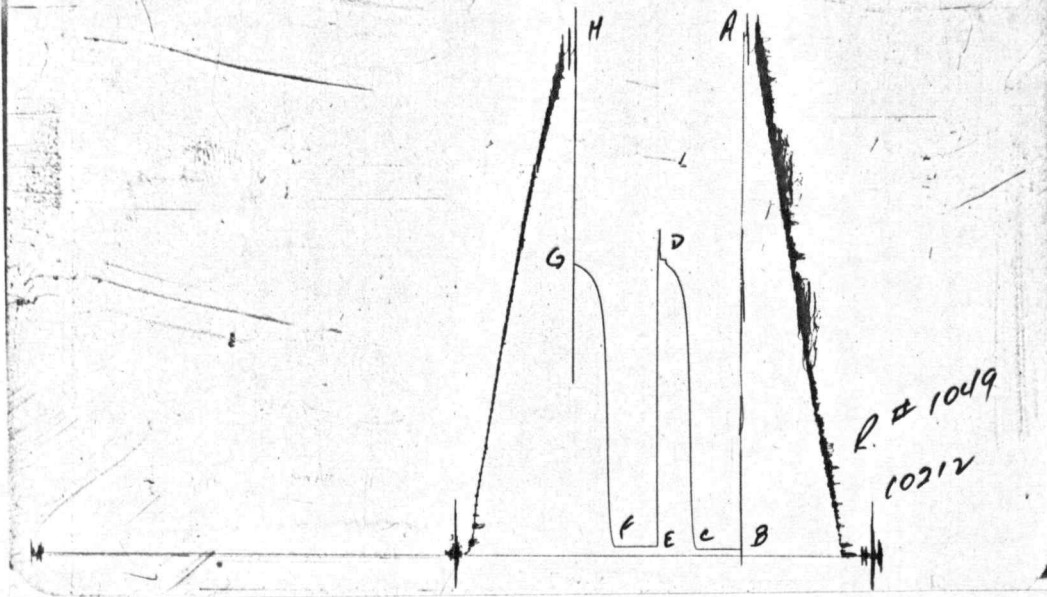
FORMATION TESTED Miss.

OPERATOR TIME: 14 hrs.

SHALL NOT BE LIABLE FOR ANY DAMAGE 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, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST WAS MADE.

CHARGES

| | |
|-----------------|-----------------------------|
| TEST CHARGE | \$ <u>210.⁰⁰</u> |
| EXTRA PACKERS | \$ _____ |
| JARS | \$ _____ |
| SAFETY JOINT | \$ _____ |
| HOOK WALL | \$ _____ |
| MISRUN CHARGE | \$ _____ |
| STAND-BY CHARGE | \$ _____ |
| DST EVALUATION | \$ _____ |
| TOTAL | \$ <u>210.⁰⁰</u> |



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>2470</u> | <u>2480</u> |
| (B) Initial 1st Flow Pressure | <u>32</u> | <u>27</u> |
| (C) Final 1st Flow Pressure | <u>32</u> | <u>27</u> |
| (D) Initial Shut-in Pressure | <u>1400</u> | <u>1391</u> |
| (E) Initial 2nd Flow Pressure | <u>49</u> | <u>46</u> |
| (F) Final 2nd Flow Pressure | <u>49</u> | <u>46</u> |
| (G) Final Shut-in Pressure | <u>1382</u> | <u>1385</u> |
| (H) Final Hydrostatic Pressure | <u>2415</u> | <u>2406</u> |

10212

MILLER TESTING COMPANY

Box 547

GREAT BEND, KANSAS

Company DAVIS MUD AND CHEMICAL

Lease and Well No. CURE #1

County HODGEMAN State KANSAS Date JUNE 16, 1969

Formation Test No. 2 Total Depth 4526 Elev. 2261 KB
Interval Tested 4517 To 4526 Anchor Length 9
Size Hole 7 7/8 Size Drill Pipe 4 1/2 FH Size Packer 6 3/4
Mud Weight 10 Viscosity 45 Water Loss 11.4 c.c. Bottom Hole Temp. 116 °F
Chokes: Top 1/2 Bottom 1/2 Ticket No. 10212

RECOVERY

WEAK INTERMITTENT AND DECREASING BLOW.

25 FEET OF MUD WITH VERY FEW OIL SPECKS IN TOP OF TOOL.

840 FEET OF FLEXWEIGHT.
2.76 I.D.

Lease and Well No. CURE #1 33 22S 21W NW NE

Formation Test No. 2

