

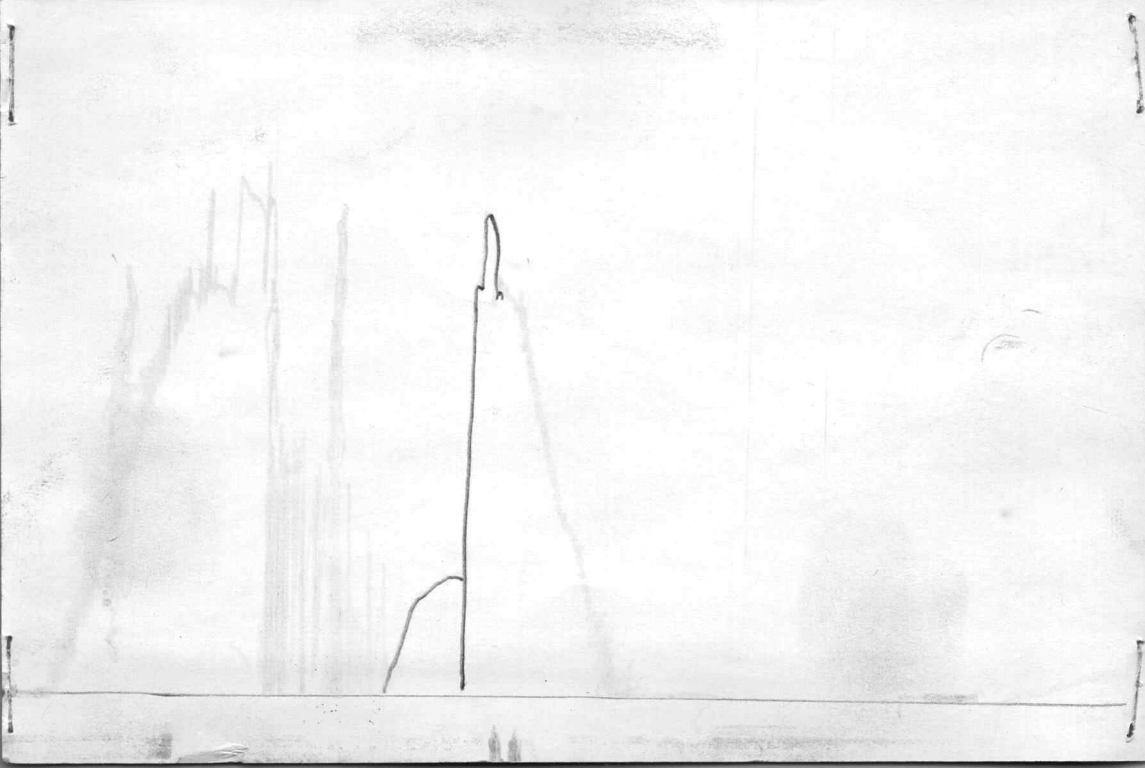
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15-009-0699

BEE TESTING COMPANY INC.
SUB-SURFACE RECORD

COMPANY C.R.A. DATE OF TEST 3-1-54
WELL NO. C-4 TEST NO. 2 LEASE Batchman
PRESSURE RECORDER CAP 2500# & 3500# MUD WT. 10.2
TOTAL DEPTH 3418' PACKER SET AT 3413'
RECOVERY 32' rotary mud

TOOL OPEN: 30 minutes
CHOKE SIZE: TOP $\frac{1}{2}$ " BOTTOM $\frac{1}{2}$ " NO. OF COPIES 2
OPERATOR B.E. Johnson TEST TICKET NO. 260
SHUT IN PRESSURE TIME 20 minutes BHP 550# IFP 0 FFP 0 MUD COLUMN PRESSURE 1815#
PACKER SEAT FAILURE _____ TOOL PLUGGED _____ ANCHOR PLUGGED _____

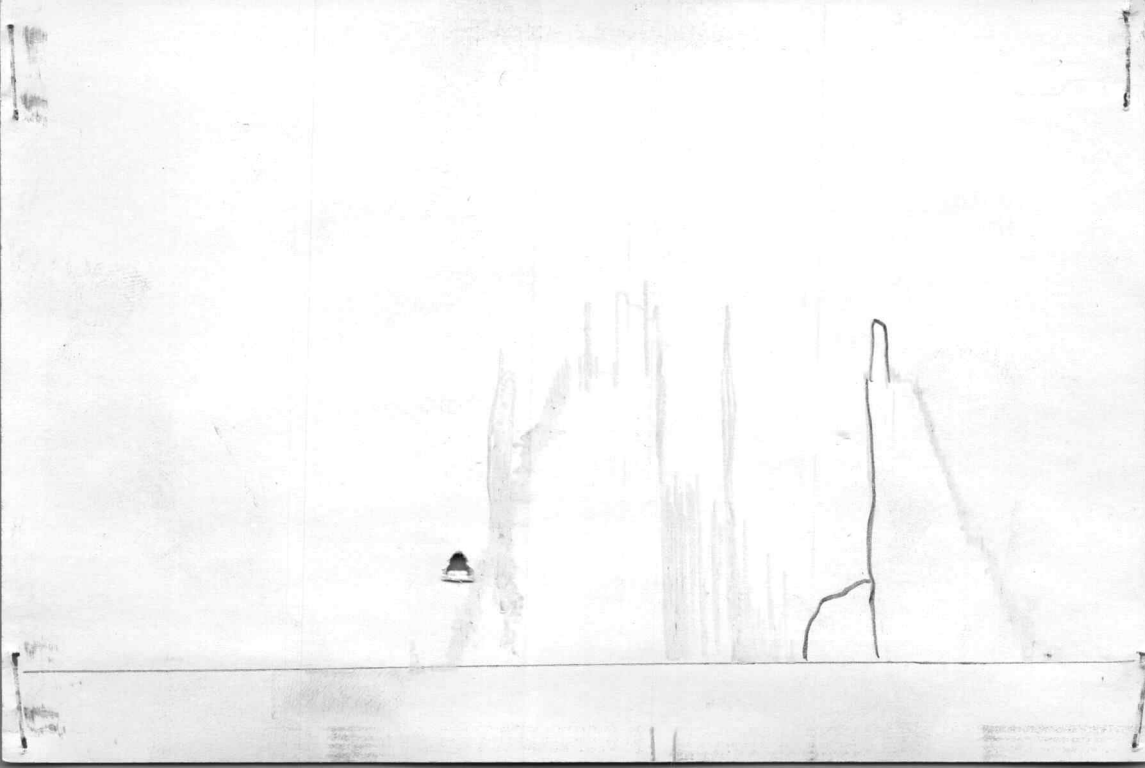


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PACKER SEAT FAILURE _____ TOOL PLUGGED _____ ANCHOR PLUGGED _____



BEE FORMATION TESTING CO., INC.

TEST TICKET

DATE 3-1-54

P. O. BOX 491

N^o 260CUSTOMER'S
ORDER NO. 115191

GREAT BEND, KANSAS

NAME OF COMPANY C. R. A.ADDRESS TO MAIL INVOICE 914 Central Bldg. Wichita KansADDRESS TO MAIL PRESSURE CHARTS SameLEASE BatchmanWELL NO. C-4COUNTY BartonSTATE KansTESTER B. E. JohnsonAPPROVED P. H. JacksonDRILL STEM TEST NO. 2SUCCESSFUL NO. 2

MIS-RUN NO. _____

SIZE HOLE 7 7/8TOOL JT. 4 1/2 F.A.RUBBER SIZE 6 3/4 x 30 x 2 7/8TEST TOOL SIZE 4 5/8PACKER SET AT 3413ANCHOR SIZE 4 1/2TOTAL DEPTH WELL 3418LENGTH ANCHOR 5'PRESSURE RECORDER CAP. 2500-43500DRILL PIPE RUN: DRY yes

WITH FLUID _____

RESULTS:

PACKER SET 2:50P.M. TOOL OPEN 2:55P.M. TOOL OPEN 30 min

HRS. _____

BLOW Weak 10 minRECOVERY 32 ft Rotary MudSHUT IN PRESSURE TIME 20 minMUD WT. 10.2VIS. 38WATER
LOSS 10.8BHP 550IFP 0FFP 0HYDROSTATIC HEAD 1815EXTRA EQUIPMENT None Run

JARS _____

NO. _____

SIZE _____

OPERATOR TIME 10TOOL RENTAL TIME 8

BEE FORMATION TESTING CO., INC.

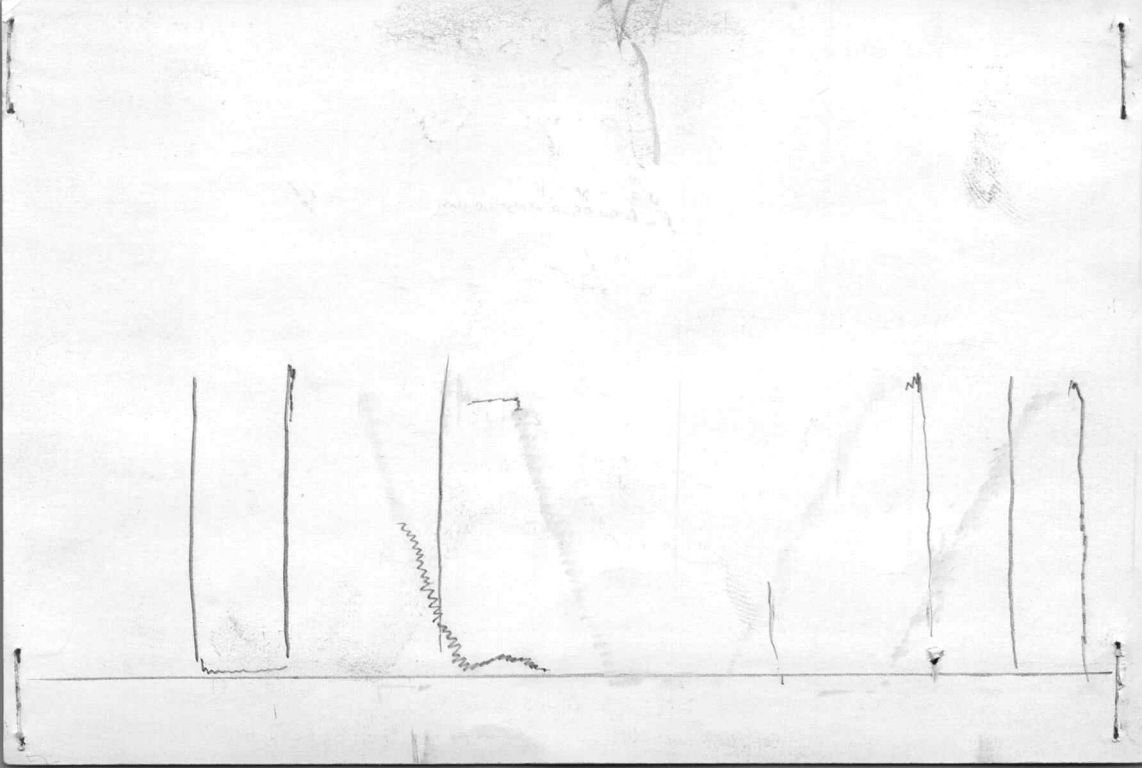
SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND TO THE PROPERTY OR PERSONNEL OF THE PARTY FOR WHOM A TEST IS MADE, OR FROM ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH OR IN THE COURSE OF THE USE OF ITS EQUIPMENT, ALL OF WHICH LOSS OR DAMAGE IS ASSUMED BY THE CUSTOMER. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT THE COST OF THE PARTY FOR WHOM TEST IS MADE.

BEE TESTING COMPANY INC.

SUB-SURFACE RECORD

COMPANY Co-op Refinery & Association DATE OF TEST 3-1-54
WELL NO. C-4 TEST NO. 3 LEASE Batchman
PRESSURE RECORDER CAP 2500# & 3500# MUD WT. 10.2
TOTAL DEPTH 3423' PACKER SET AT 3413'
RECOVERY 40' of oil specked mud

TOOL OPEN: 1 hour
CHOKE SIZE: TOP $\frac{1}{2}$ " BOTTOM $\frac{1}{2}$ " NO. OF COPIES 2
OPERATOR J.R. Thomas TEST TICKET NO. 243
SHUT IN PRESSURE TIME 20 minutes BHP 0 IFP 0 FFP 0 MUD COLUMN PRESSURE 1817#
PACKER SEAT FAILURE _____ TOOL PLUGGED _____ ANCHOR PLUGGED _____

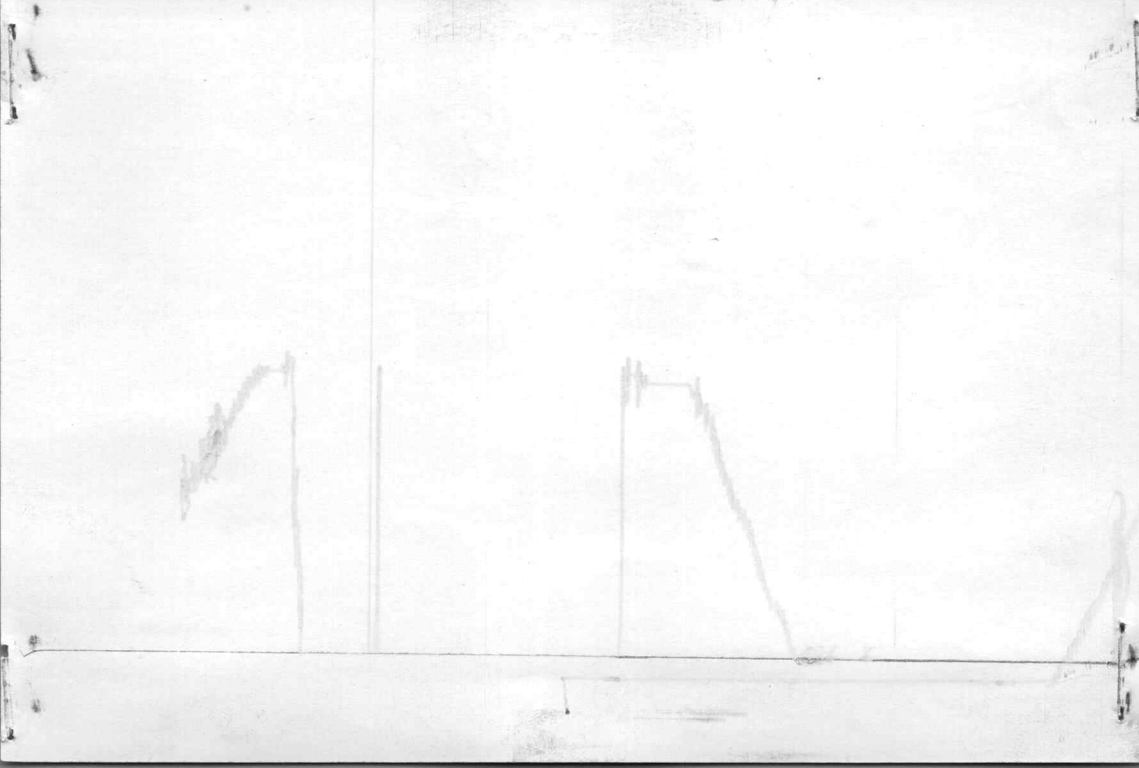


BEE TESTING COMPANY INC.

SUB-SURFACE RECORD

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PACKER SEAT FAILURE _____ TOOL PLUGGED _____ ANCHOR PLUGGED _____



FORMATION TESTING CO., INC.

TEST TICKET

P. O. BOX 491

GREAT BEND, KANSAS

DATE 3-1-54N^o 243CUSTOMER'S
ORDER NO.

NAME OF COMPANY

Co-op Ref. Assoc.

ADDRESS TO MAIL INVOICE

914 Central Bldg - Wichita, Kansas

ADDRESS TO MAIL PRESSURE CHARTS

LEASE

Batchman

WELL NO.

C-4

COUNTY

Barton

STATE

Kansas

TESTER

J. R. Thomas

APPROVED

P. H. Johnson

DRILL STEM TEST NO.

3

SUCCESSFUL NO.

3

MIS-RUN NO.

SIZE HOLE

7 7/8"

TOOL JT.

4 1/2' J. H.

RUBBER SIZE

2 7/8" x 6 3/4" x 30"

TEST TOOL SIZE

4 3/8" OD x 3 1/2" J. H.

PACKER SET AT

3412'

ANCHOR SIZE

4 1/2"

TOTAL DEPTH WELL

3423'

LENGTH ANCHOR

10'

PRESSURE RECORDER CAP.

3500#

DRILL PIPE RUN: DRY

all

WITH FLUID

RESULTS:

PACKER SET

10:10 P

M. TOOL OPEN

10:15 P

M. TOOL OPEN

1 hour

HRS.

BLOW

Weak intermittent for 20 min.

RECOVERY

40' of 0.1 speckled mud

SHUT IN PRESSURE TIME

20 Min

MUD WT.

10.2

VIS.

37.5WATER
LOSS10.8 cc

BHP

0

IFP

0

FFP

0

HYDROSTATIC HEAD

1817

EXTRA EQUIPMENT

None

JARS

—

NO.

—

SIZE

—

OPERATOR TIME

8 hr

TOOL RENTAL TIME

6 hr

BEE FORMATION TESTING CO., INC.

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BEE FORMATION TESTING CO., INC.

P. O. BOX 491

GREAT BEND, KANSAS

DATE 3-2-54N^o 261CUSTOMER'S
ORDER NO.

NAME OF COMPANY

C. R. A.

ADDRESS TO MAIL INVOICE

914 Central Bldg Wichita Kans

ADDRESS TO MAIL PRESSURE CHARTS

Same

LEASE

Batchman

WELL NO.

C-4

COUNTY

Barton

STATE

Kans.

TESTER

B. E. Johnson

APPROVED

DRILL STEM TEST NO.

4

SUCCESSFUL NO.

MIS-RUN NO.

1

SIZE HOLE

7 7/8

TOOL JT.

4 1/2 F.H.

RUBBER SIZE

6 3/4 x 30 x 2 7/8

TEST TOOL SIZE

4 1/2

PACKER SET AT

3415

ANCHOR SIZE

4 1/2

TOTAL DEPTH WELL

3439

LENGTH ANCHOR

24

PRESSURE RECORDER CAP.

2500 + 3500

DRILL PIPE RUN: DRY

YES

WITH FLUID

RESULTS:

PACKER SET

M. TOOL OPEN

M. TOOL OPEN

HRS.

BLOW

RECOVERY

Packer Seat Failure

SHUT IN PRESSURE TIME

MUD WT.

10.2

VIS.

38WATER
LOSS10.8

BHP

IFP

FFP

HYDROSTATIC HEAD

EXTRA EQUIPMENT

None Run

JARS

NO.

SIZE

OPERATOR TIME

10

TOOL RENTAL TIME

8

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BEE FORMATION TESTING CO., INC.

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GREAT BEND, KANSAS

DATE 3-2-54N^o 262CUSTOMER'S
ORDER NO.

NAME OF COMPANY

C. R. A.

ADDRESS TO MAIL INVOICE

914 Central Bldg Wichita Kans

ADDRESS TO MAIL PRESSURE CHARTS

Same

LEASE

Batchman

WELL NO.

C-4

COUNTY

Barton

STATE

Kans

TESTER

B. E. Johnson

APPROVED

DRILL STEM TEST NO.

5

SUCCESSFUL NO.

MIS-RUN NO.

2

SIZE HOLE

7 7/8

TOOL JT.

4 1/2 F. 4.

RUBBER SIZE

6 3/4 x 30 x 2 3/4

TEST TOOL SIZE

4 3/8

PACKER SET AT

3417

ANCHOR SIZE

4 1/2

TOTAL DEPTH WELL

3439

LENGTH ANCHOR

26'

PRESSURE RECORDER CAP.

2500 + 3500

DRILL PIPE RUN: DRY

Yes

WITH FLUID

RESULTS:

PACKER SET

M. TOOL OPEN

M. TOOL OPEN

HRS.

BLOW

RECOVERY

Failed To Reach Bottom

SHUT IN PRESSURE TIME

MUD WT.

102

VIS.

37WATER
LOSS

BHP

IFP

FFP

HYDROSTATIC HEAD

EXTRA EQUIPMENT

None Run

JARS

NO.

SIZE

OPERATOR TIME

4

TOOL RENTAL TIME

4

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BEE FORMATION TESTING CO., INC.

P. O. BOX 491

GREAT BEND, KANSAS

DATE

3-2-54

Nº

263

CUSTOMER'S
ORDER NO.

NAME OF COMPANY

C. R. A.

ADDRESS TO MAIL INVOICE

914 Central Bldg Wichita Kans

ADDRESS TO MAIL PRESSURE CHARTS

Same

LEASE

Batchman

WELL NO.

C-4

COUNTY

Barton

STATE

Kans

TESTER

B. E. Johnson

APPROVED

DRILL STEM TEST NO.

6

SUCCESSFUL NO.

MIS-RUN NO.

3

SIZE HOLE

7 7/8

TOOL JT.

4 1/2 F.H.

RUBBER SIZE

6 3/4 x 30 x 2 3/8

TEST TOOL SIZE

4 7/8

PACKER SET AT

3417

ANCHOR SIZE

4 1/2

TOTAL DEPTH WELL

3439

LENGTH ANCHOR

26

PRESSURE RECORDER CAP.

2500 + 3500

DRILL PIPE RUN: DRY

yes

WITH FLUID

RESULTS:

PACKER SET

M. TOOL OPEN

M. TOOL OPEN

HRS.

BLOW

RECOVERY

Failed To Reach Bottom

SHUT IN PRESSURE TIME

MUD WT.

10.2

VIS.

38

WATER
LOSS

BHP

IFP

FFP

HYDROSTATIC HEAD

EXTRA EQUIPMENT

None Run

JARS

NO.

SIZE

OPERATOR TIME

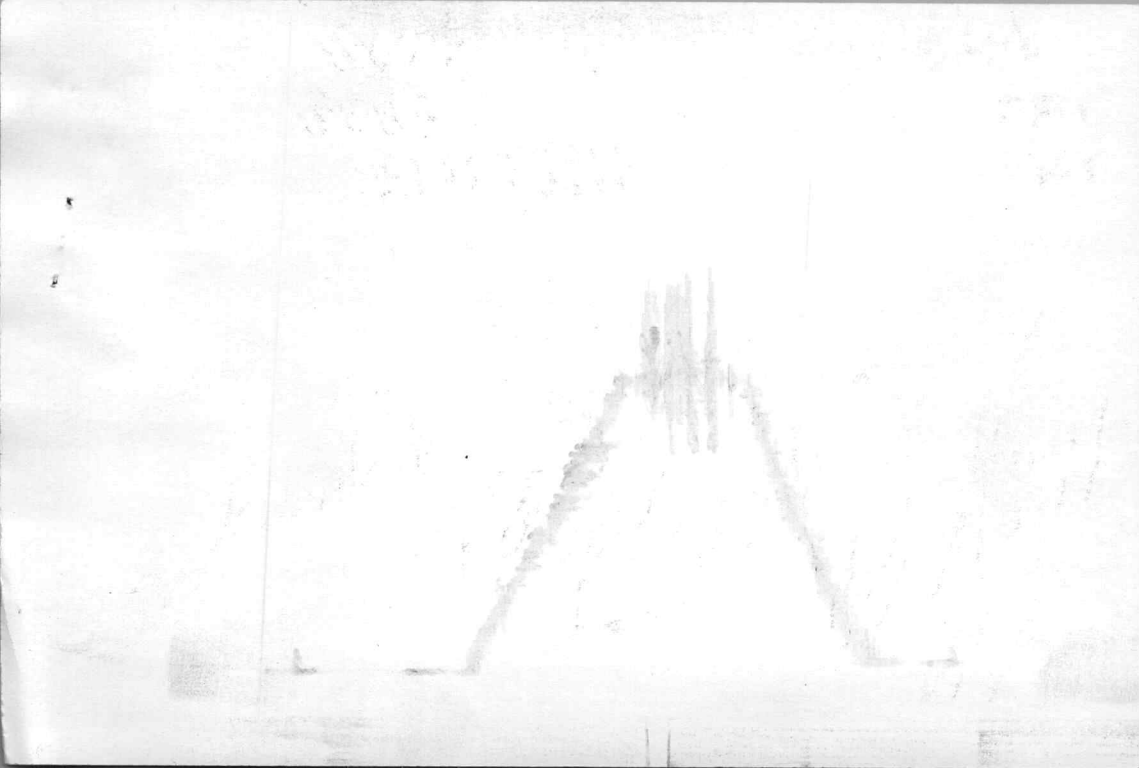
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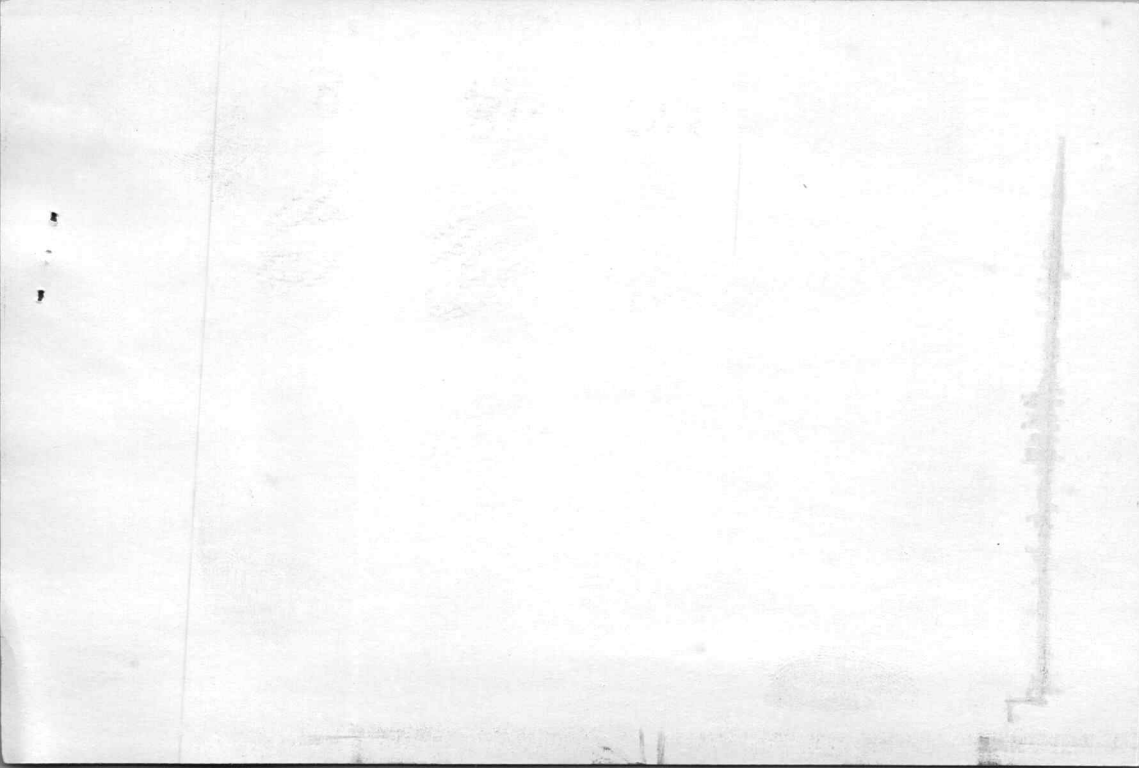
TOOL RENTAL TIME

4

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BEE FORMATION TESTING CO., INC.

P. O. BOX 491

GREAT BEND, KANSAS

DATE 3-3-54N^o 264CUSTOMER'S
ORDER NO.

NAME OF COMPANY

C. R. A.

ADDRESS TO MAIL INVOICE

914 Central Bldg Wichita Kans

ADDRESS TO MAIL PRESSURE CHARTS

Same

LEASE

Batchman

WELL NO.

C-4

COUNTY

Barton

STATE

Kans

TESTER

B. E. Johnson

APPROVED

DRILL STEM TEST NO.

7

SUCCESSFUL NO.

MIS-RUN NO.

4

SIZE HOLE

7 7/8

TOOL JT.

4 1/2 F.H.

RUBBER SIZE

6 3/4 X 30 X 2 7/8

TEST TOOL SIZE

4 5/8

PACKER SET AT

3417

ANCHOR SIZE

4 1/2

TOTAL DEPTH WELL

3439

LENGTH ANCHOR

26'

PRESSURE RECORDER CAP.

2000 + 3500

DRILL PIPE RUN: DRY

Yes

WITH FLUID

RESULTS:

PACKER SET

M. TOOL OPEN

M. TOOL OPEN

HRS.

BLOW

RECOVERY

Packer
Seat
Failure

SHUT IN PRESSURE TIME

MUD WT.

9.7

VIS.

51WATER
LOSS

BHP

IFP

FFP

HYDROSTATIC HEAD

EXTRA EQUIPMENT

None Run

JARS

NO.

SIZE

OPERATOR TIME

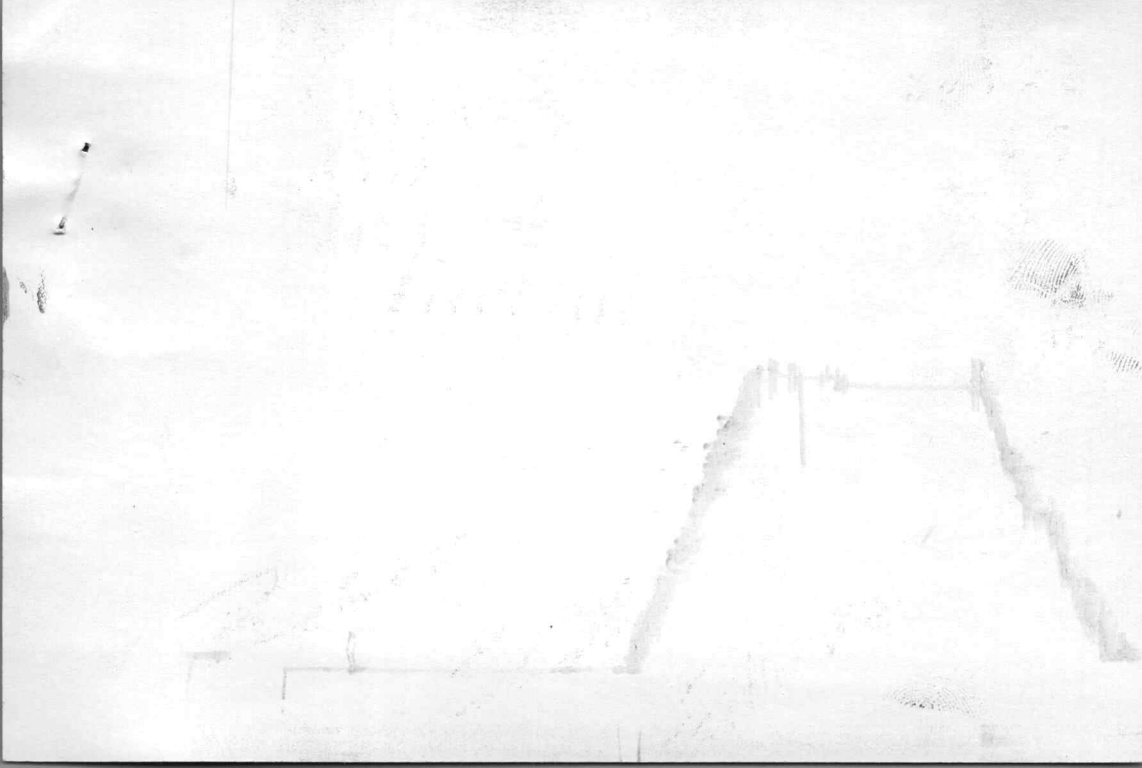
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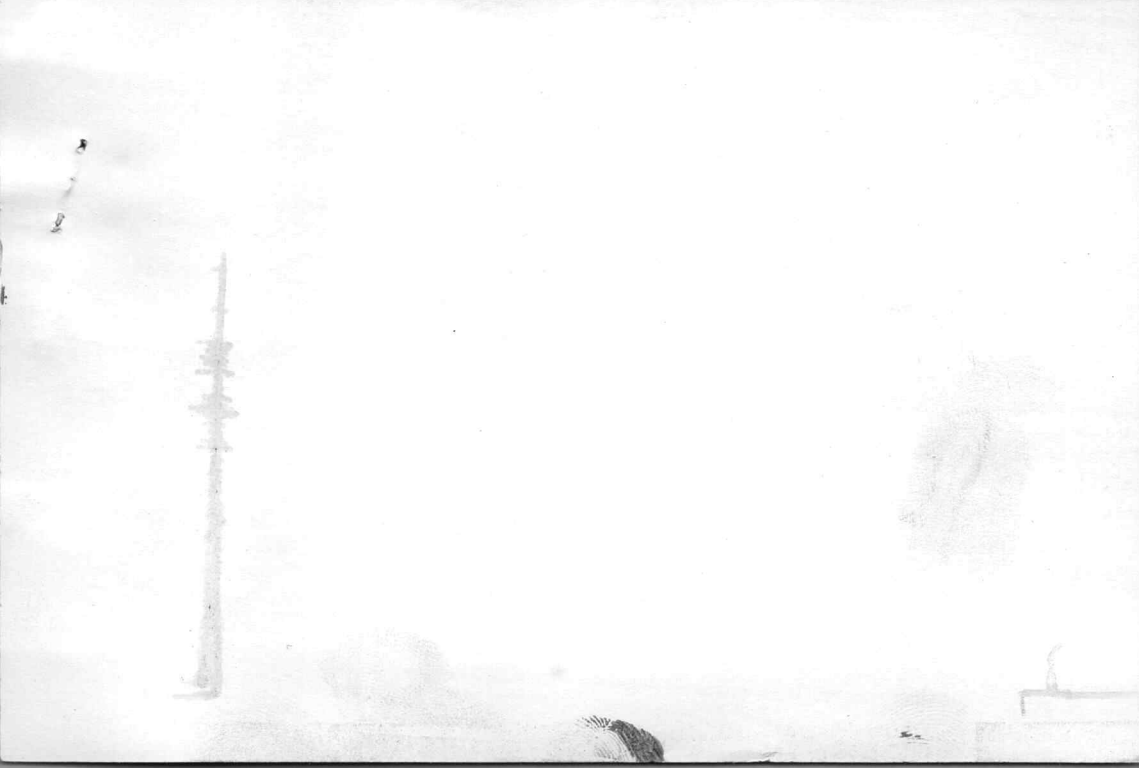
TOOL RENTAL TIME

6

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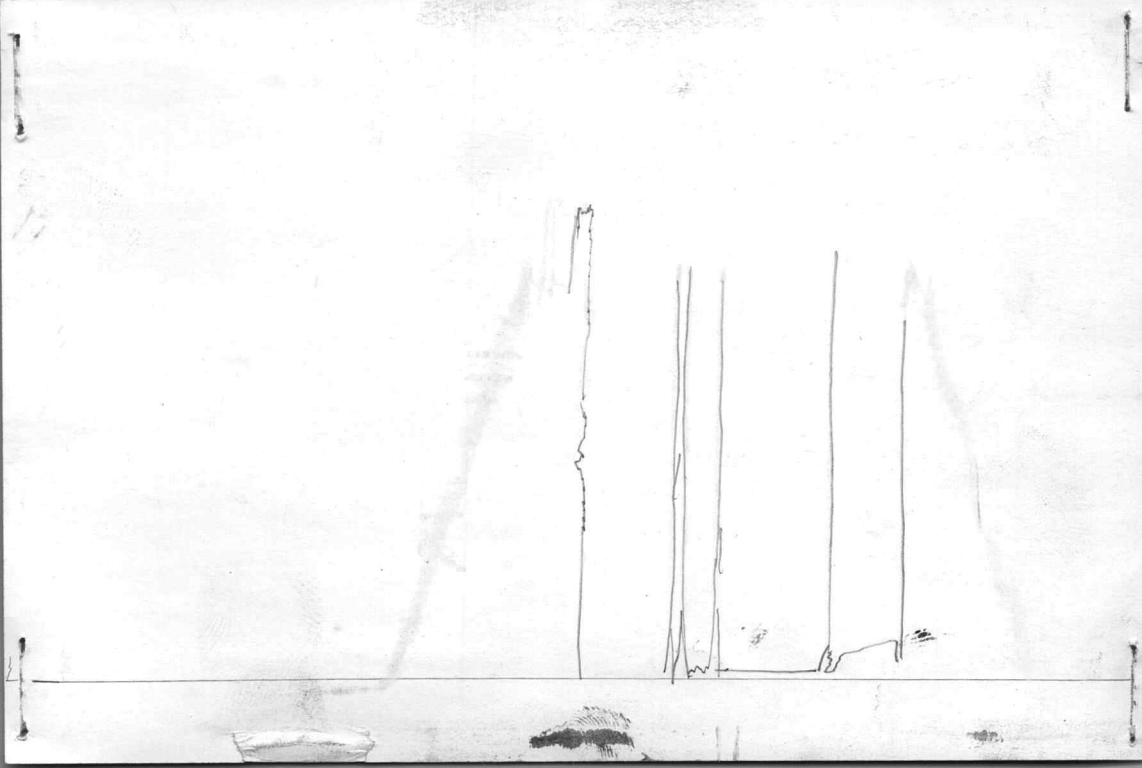


BEE TESTING COMPANY

SUB-SURFACE RECORD

COMPANY C.R.A. DATE OF TEST 3-3-54
WELL NO. C-4 TEST NO. 8 LEASE Batchman
PRESSURE RECORDER CAP 2500# & 3500# MUD WT. 9.9
TOTAL DEPTH 3439' PACKER SET AT 3413'
RECOVERY 90' rotary mud

TOOL OPEN: 1 hour
CHOKE SIZE: TOP $\frac{1}{2}$ " BOTTOM $\frac{1}{2}$ " NO. OF COPIES 2
OPERATOR B.E. Johnson TEST TICKET NO. 265
SHUT IN PRESSURE TIME 20 minutes BHP 200# IFP 0 FFP 0 MUD COLUMN PRESSURE 1775#
PACKER SEAT FAILURE _____ TOOL PLUGGED _____ ANCHOR PLUGGED _____

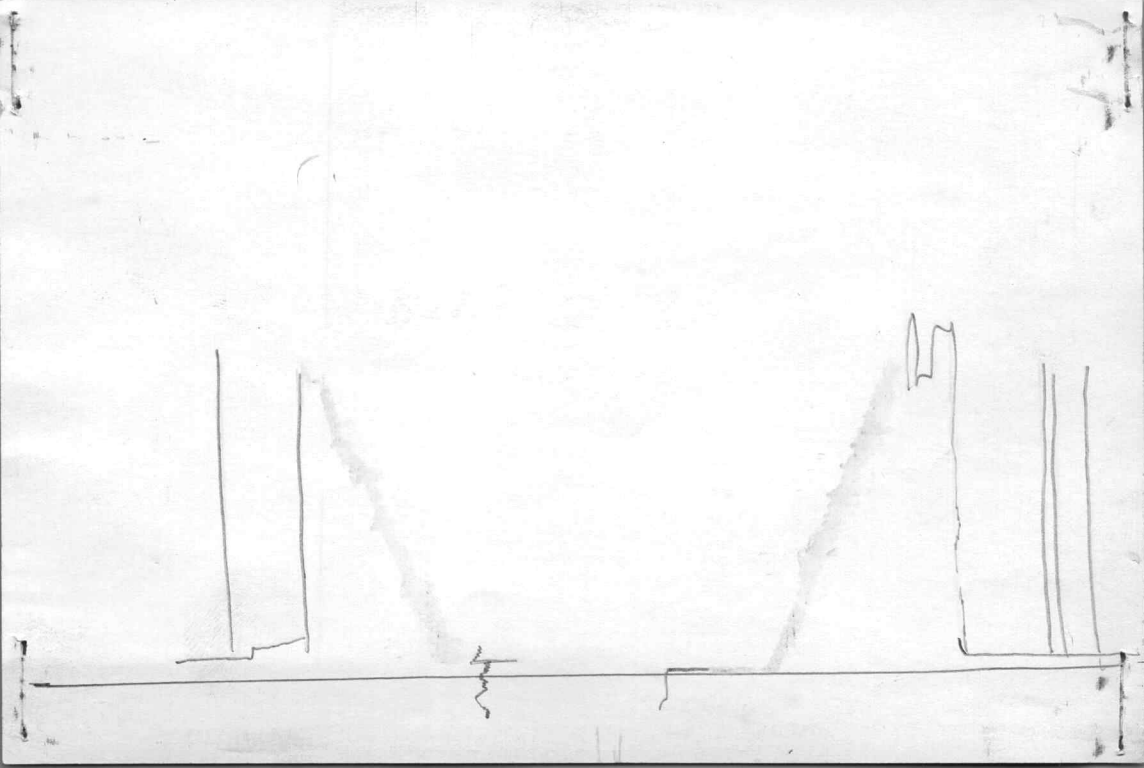


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OPERATOR B.E. Johnson TEST TICKET NO. 265
SHUT IN PRESSURE TIME 20 minutes BHP 200# IFF 0 FFP 0 MUD COLUMN PRESSURE 1775#
PACKER SEAT FAILURE _____ TOOL PLUGGED _____ ANCHOR PLUGGED _____



BEE FORMATION TESTING CO., INC.

P. O. BOX 491

GREAT BEND, KANSAS

DATE 3-3-54N^o 265CUSTOMER'S
ORDER NO. 113193NAME OF COMPANY C. R. A.ADDRESS TO MAIL INVOICE 914 Central Bldg. W. chita KansADDRESS TO MAIL PRESSURE CHARTS SameLEASE Batchman WELL NO. C-4 COUNTY Barton STATE KansTESTER B. E. Johnson APPROVED P. H. JacksonDRILL STEM TEST NO. 8 SUCCESSFUL NO. 4 MIS-RUN NO. _____SIZE HOLE 7 7/8 TOOL JT. 4 1/2 F.H.RUBBER SIZE 6 3/4 x 30 x 2 1/2 TEST TOOL SIZE 4 5/8PACKER SET AT 3413 ANCHOR SIZE 4 1/2TOTAL DEPTH WELL 3439 LENGTH ANCHOR 26'PRESSURE RECORDER CAP. 2500 + 3500 DRILL PIPE RUN: DRY yes WITH FLUID _____

RESULTS:

PACKER SET 11:40 M. TOOL OPEN 11:45 M. TOOL OPEN 11:4r HRS. _____BLOW 20 min Weak intermittenRECOVERY 90 ft Rotary MudSHUT IN PRESSURE TIME 20 min MUD WT. 99 VIS. 50 WATER LOSS _____BHP 200 IFP 0 FFP 0 HYDROSTATIC HEAD _____EXTRA EQUIPMENT None Run 1 pack rubber damage JARS NO. _____ SIZE _____OPERATOR TIME 5 TOOL RENTAL TIME 5

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