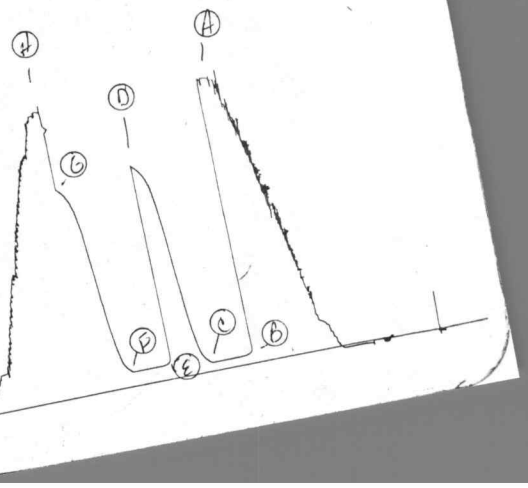
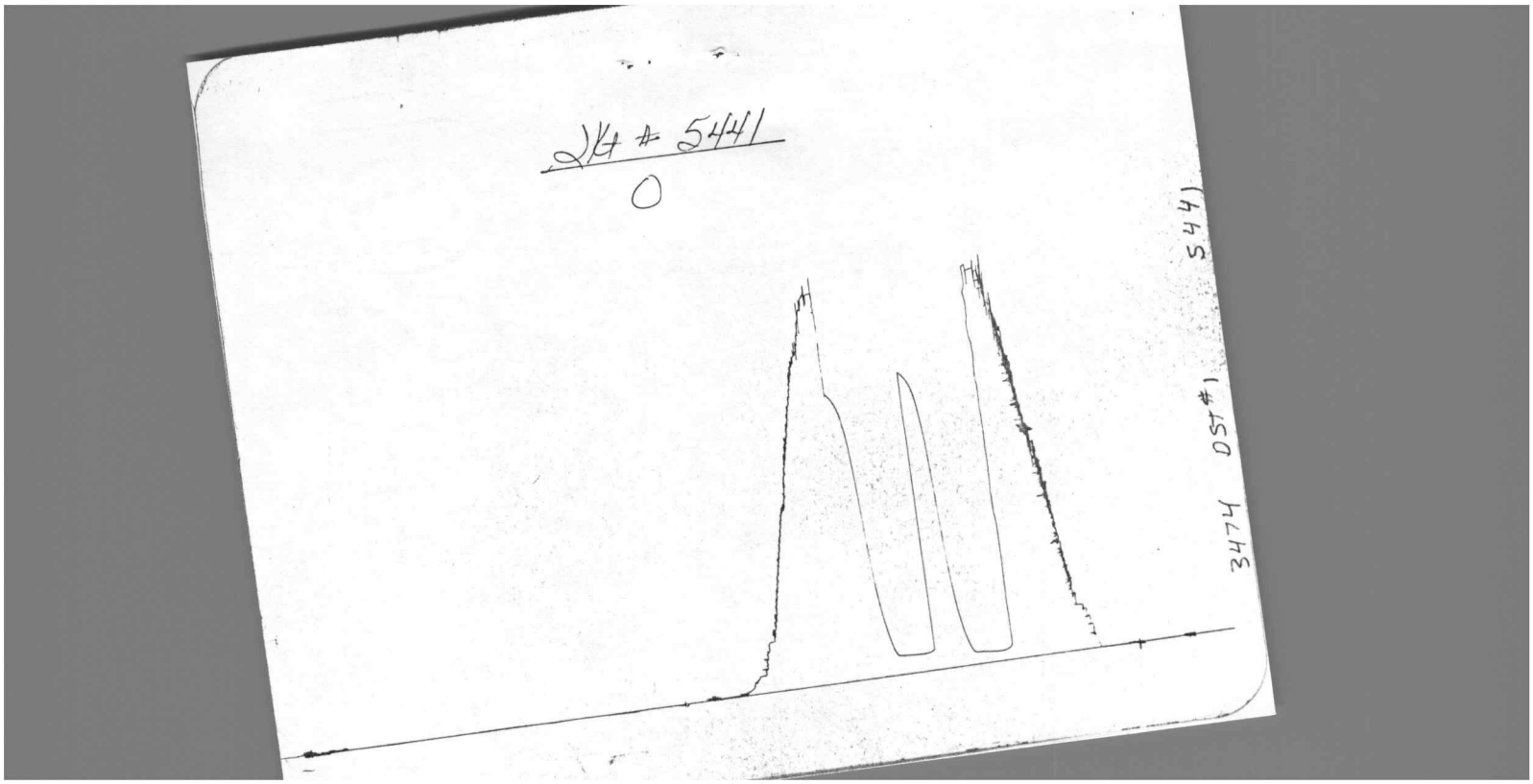
DST #1

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KGS # 5441

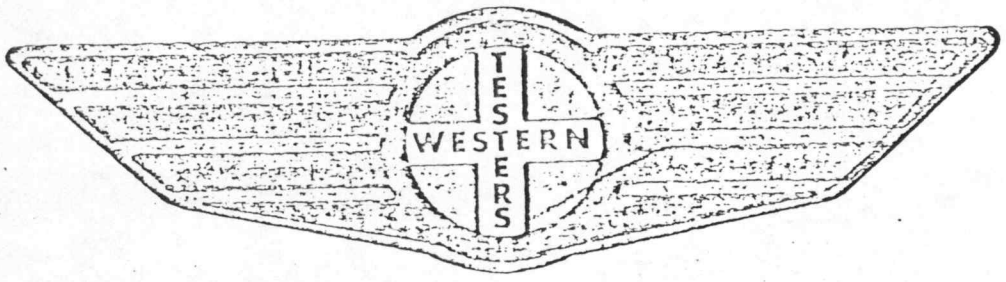
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KB # 5441
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mpany MALONE EXPLORATION COMPANY Lease and Well No. #1 "B" MCHENRY Sec. 13 Twp. 29S Rge. 1E Test No. 1 Date 2/284

# FORMATION TEST REPORT




Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone (316) 262-5861

# WESTERN TESTING CO. INC.
## SUBSURFACE PRESSURE SURVEY

DATE: 2/28/84 TICKET #5441
CUSTOMER: MALONE EXPLORATION COMPANY LEASE: "B" MCHENRY
WELL: 1 TEST: 1 GEOLOGIST: MALONE
ELEVATION (KB): 1238 FORMATION: MISSISSIPPI
SECTION: 13 TOWNSHIP: 29S
RANGE: 1E COUNTY: SEDGWICK STATE: KANSAS
GAUGE SN #2605 RANGE: 4150 CLOCK: 12

INTERVAL TEST FROM: 3072 FT TO: 3120 FT TOTAL DEPTH: 3120 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3072 FT SIZE: 6 3/4 IN PACKER DEPTH: FT SIZE: IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: RRA
MUD TYPE: CHEMICAL VISCOSITY: 41
WEIGHT: 9.8 WATER LOSS (CC): 8.8
CHLORIDES (P.P.M.): 7000
JARS - MAKE: NO SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT?
DRILL COLLAR LENGTH: 360 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 2703 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 15 FT TOOL SIZE: 5 1/2 IN
ANCHOR LENGTH: 48 FT SIZE: 5 1/2 IN
SURFACE CHOKE SIZE: 3/4 IN BOTTOM CHOKE SIZE: 3/4 IN
MAIN HOLE SIZE: 7 7/8 IN TOOL JOINT SIZE: 4 1/2 XH IN

BLOW: FAIR BLOW THROUGHOUT TEST.

RECOVERED: 30 FT OF: SLIGHTLY OIL CUT MUD. 5% OIL; 95% MUD
RECOVERED: 60 FT OF: HEAVY OIL CUT MUD. 40% OIL; 60% MUD
RECOVERED: 60 FT OF: MUD CUT OIL. 62% OIL; 38% MUD
RECOVERED: FT OF: CHLORIDES 8500 PPM
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 9:00 PM TIME STARTED OFF BOTTOM: 11:00 PM
WELL TEMPERATURE: 112 'F
INITIAL HYDROSTATIC PRESSURE: (A) 1571 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 52 PSI TO (C) 52 PSI
INITIAL CLOSED IN PERIOD MIN: 30 (D) 1176 PSI
FINAL FLOW PERIOD MIN: 30 (E) 82 PSI TO (F) 82 PSI
FINAL CLOSED IN PERIOD MIN: 30 (G) 1128 PSI
FINAL HYDROSTATIC PRESSURE (H) 1556 PSI

# WESTERN TESTING CO. INC.
## PRESSURE DATA

DATE: 2/28/84 TICKET #5441
CUSTOMER: MALONE EXPLORATION COMPANY LEASE: "B" MCHENRY
WELL: 1 TEST: 1 GEOLOGIST: MALONE
ELEVATION (KB): 1238 FORMATION: MISSISSIPPI
SECTION: 13 TOWNSHIP: 29S
RANGE: 1E COUNTY: SEDGWICK STATE: KANSAS
GAUGE SN #2605 RANGE: 4150 CLOCK: 12

| | | |
|---|---|---|
| (A) INITIAL HYDROSTATIC PRESSURE: | 1571 | PSI |
| (B) FIRST INITIAL FLOW PRESSURE: | 52 | PSI |
| (C) FIRST FINAL FLOW PRESSURE: | 52 | PSI |
| (D) INITIAL CLOSED-IN PRESSURE: | 1176 | PSI |
| (E) SECOND INITIAL FLOW PRESSURE: | 82 | PSI |
| (F) SECOND FINAL FLOW PRESSURE: | 82 | PSI |
| (G) FINAL CLOSED-IN PRESSURE: | 1128 | PSI |
| (H) FINAL HYDROSTATIC PRESSURE: | 1556 | PSI |
| WELL TEMPERATURE: | 112 | 'F |

OPEN TOOL: 9:00 PM

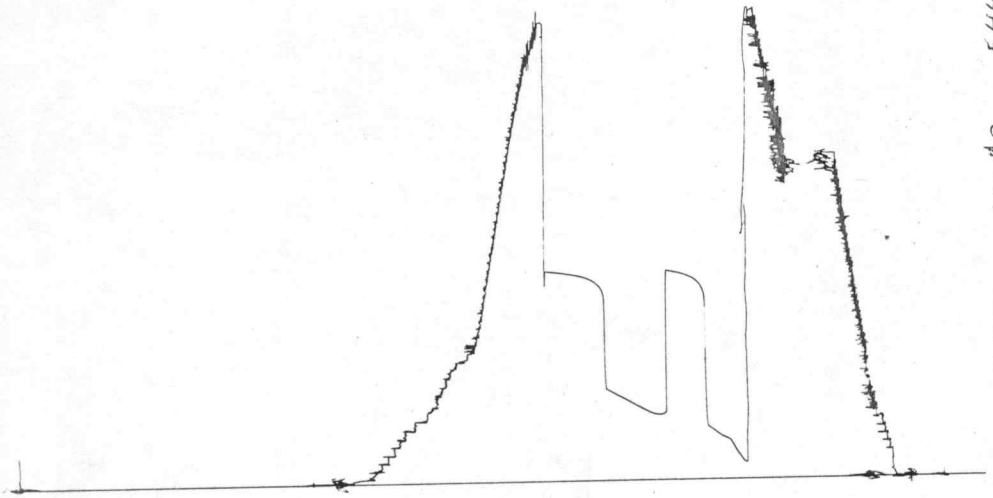
| | TIME - GIVEN | | TIME - ACTUAL | |
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| FIRST FLOW PRESSURE: | 30 | MIN | 30 | MIN |
| INITIAL CLOSED-IN PRESSURE: | 30 | MIN | 30 | MIN |
| SECOND FLOW PRESSURE: | 30 | MIN | 30 | MIN |
| FINAL CLOSED-IN PRESSURE: | 30 | MIN | 30 | MIN |

### PRESSURE BREAKDOWN

| | FIRST FLOW | | INITIAL SHUT-IN | | SECOND FLOW | | FINAL SHUT-IN | |
|---|---|---|---|---|---|---|---|---|
| PT | MIN | PRESSURE | MIN | PRESSURE | MIN | PRESSURE | MIN | PRESSURE |
| 1 | 0 | 52 | 0 | 52 | 0 | 82 | 0 | 82 |
| 2 | 5 | 52 | 3 | 68 | 5 | 82 | 3 | 101 |
| 3 | 10 | 52 | 6 | 98 | 10 | 82 | 6 | 140 |
| 4 | 15 | 52 | 9 | 188 | 15 | 82 | 9 | 267 |
| 5 | 20 | 52 | 12 | 354 | 20 | 82 | 12 | 460 |
| 6 | 25 | 52 | 15 | 618 | 25 | 82 | 15 | 699 |
| 7 | 30 | 52 | 18 | 896 | 30 | 82 | 18 | 915 |
| 8 | | | 21 | 1046 | | | 21 | 1023 |
| 9 | | | 24 | 1108 | | | 24 | 1075 |
| 10 | | | 27 | 1143 | | | 27 | 1106 |
| 11 | | | 30 | 1176 | | | 30 | 1128 |
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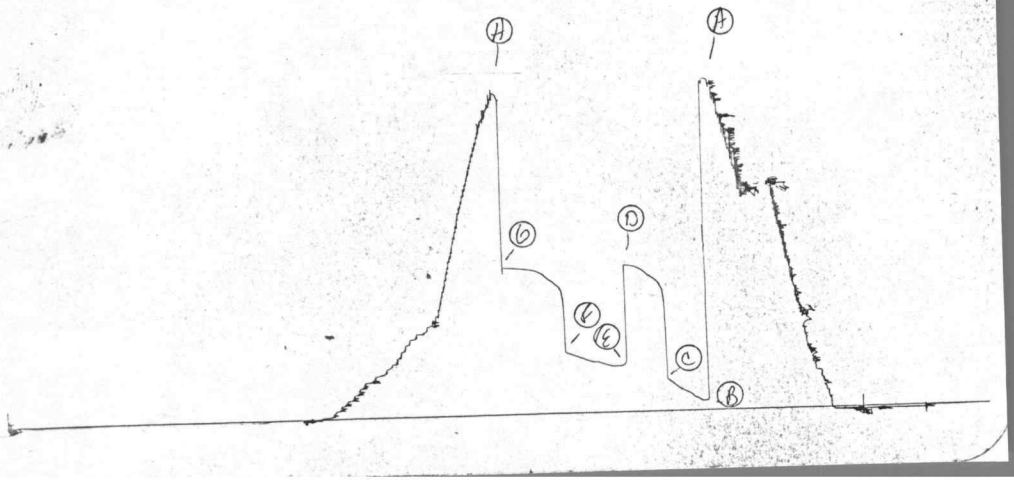
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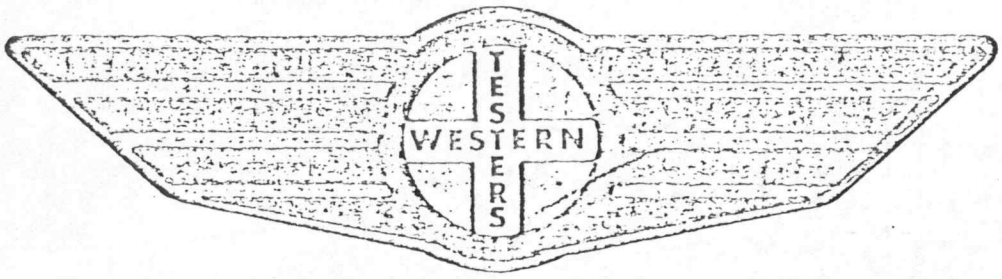
DST #2

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# FORMATION TEST REPORT




Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone (316) 262-5861

Company MALONE EXPLORATION COMPANY Lease and Well No. #1 "B" MCHENRY Sec. 13 Twp. 29S Rge. 1E Test No. 2 Date 3/1/8

# WESTERN TESTING CO. INC.
## SUBSURFACE PRESSURE SURVEY

DATE: 3/1/84 TICKET #5442
CUSTOMER: MALONE EXPLORATION COMPANY LEASE: "B" MCHENRY
WELL: 1 TEST: 2 GEOLOGIST: MALONE
ELEVATION (KB): 1238 FORMATION: SIMPSON
SECTION: 13 TOWNSHIP: 29S
RANGE: 1E COUNTY: SEDGWICK STATE: KANSAS
GAUGE SN #2605 RANGE: 4150 CLOCK: 12

INTERVAL TEST FROM: 3478 FT TO: 3498 FT TOTAL DEPTH: 3498 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3478 FT SIZE: 6 3/4 IN PACKER DEPTH: 3473 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: RRA
MUD TYPE: CHEMICAL VISCOSITY: 42
WEIGHT: 9.6 WATER LOSS (CC): 8.8
CHLORIDES (P.P.M.): 6000
JARS - MAKE: NO SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT?

| | | | | | | |
|---|---|---|---|---|---|---|
| DRILL COLLAR LENGTH: | 420 | FT | I.D.: | 2.25 | IN | |
| WEIGHT PIPE LENGTH: | | FT | I.D.: | | IN | |
| DRILL PIPE LENGTH: | 3038 | FT | I.D.: | 3.8 | IN | |
| TEST TOOL LENGTH: | 20 | FT | TOOL SIZE: | 5 1/2 | IN | |
| ANCHOR LENGTH: | 20 | FT | SIZE: | 5 1/2 | IN | |
| SURFACE CHOKE SIZE: | 3/4 | IN | BOTTOM CHOKE SIZE: | 3/4 | IN | |
| MAIN HOLE SIZE: | 7 7/8 | IN | TOOL JOINT SIZE: | 4 1/2 XH | IN | |

BLOW: INITIAL FLOW PERIOD FAIR BUILDING
TO GOOD BLOW.
FINAL FLOW PERIOD GOOD BLOW

| | | | |
|---|---|---|---|
| RECOVERED: | 1800 FT | OF: | GAS ABOVE FLUID. |
| RECOVERED: | 700 FT | OF: | FREE GASSY OIL. |
| RECOVERED: | 180 FT | OF: | MUD CUT OIL. 50% OIL; 40% GAS; 10% MUD. |
| RECOVERED: | 120 FT | OF: | HEAVY OIL CUT MUD. 30% OIL; 30% GAS; 40% MUD. |
| RECOVERED: | FT | OF: | |
| RECOVERED: | FT | OF: | |
| RECOVERED: | FT | OF: | |
| RECOVERED: | FT | OF: | |
| RECOVERED: | FT | OF: | |

REMARKS:

TIME SET PACKER(S): 10:50 AM TIME STARTED OFF BOTTOM: 1:20 PM
WELL TEMPERATURE: 0 'F

| | | | | |
|---|---|---|---|---|
| INITIAL HYDROSTATIC PRESSURE: | | (A) 1791 | PSI | |
| INITIAL FLOW PERIOD | MIN: 30 | (B) 53 | PSI TO (C) 176 | PSI |
| INITIAL CLOSED IN PERIOD | MIN: 30 | (D) 799 | PSI | |
| FINAL FLOW PERIOD | MIN: 45 | (E) 254 | PSI TO (F) 335 | PSI |
| FINAL CLOSED IN PERIOD | MIN: 45 | (G) 802 | PSI | |
| FINAL HYDROSTATIC PRESSURE | | (H) 1740 | PSI | |

# WESTERN TESTING CO. INC.
## PRESSURE DATA

DATE: 3/1/84 TICKET #5442
CUSTOMER: MALONE EXPLORATION COMPANY LEASE: "B" MCHENRY
WELL: 1 TEST: 2 GEOLOGIST: MALONE
ELEVATION (KB): 1238 FORMATION: SIMPSON
SECTION: 13 TOWNSHIP: 29S
RANGE: 1E COUNTY: SEDGWICK STATE: KANSAS
GAUGE SN #2605 RANGE: 4150 CLOCK: 12

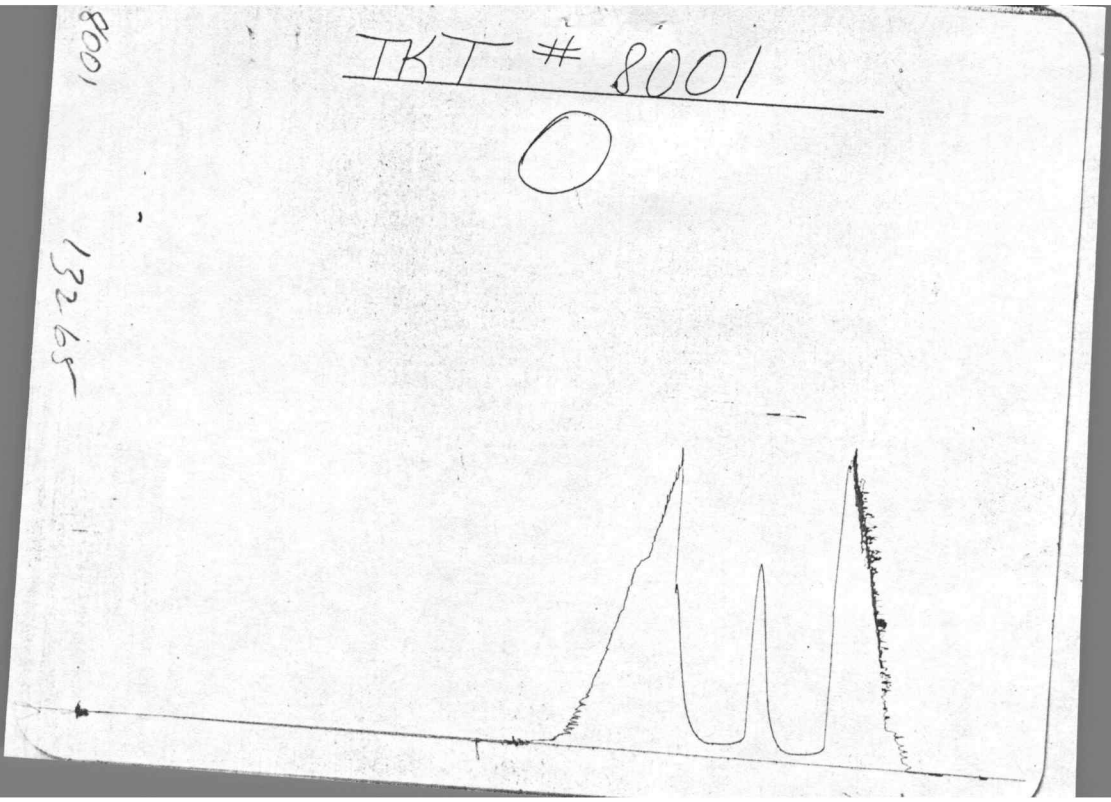
| | | | |
|---|---|---|---|
| (A) | INITIAL HYDROSTATIC PRESSURE: | 1791 | PSI |
| (B) | FIRST INITIAL FLOW PRESSURE: | 53 | PSI |
| (C) | FIRST FINAL FLOW PRESSURE: | 176 | PSI |
| (D) | INITIAL CLOSED-IN PRESSURE: | 799 | PSI |
| (E) | SECOND INITIAL FLOW PRESSURE: | 254 | PSI |
| (F) | SECOND FINAL FLOW PRESSURE: | 335 | PSI |
| (G) | FINAL CLOSED-IN PRESSURE: | 802 | PSI |
| (H) | FINAL HYDROSTATIC PRESSURE: | 1740 | PSI |
| WELL TEMPERATURE: | | 0 | 'F |

OPEN TOOL: 10:50 AM

| | TIME - GIVEN | | TIME - ACTUAL | |
|---|---|---|---|---|
| FIRST FLOW PRESSURE: | 30 | MIN | 30 | MIN |
| INITIAL CLOSED-IN PRESSURE: | 30 | MIN | 30 | MIN |
| SECOND FLOW PRESSURE: | 45 | MIN | 45 | MIN |
| FINAL CLOSED-IN PRESSURE: | 45 | MIN | 45 | MIN |

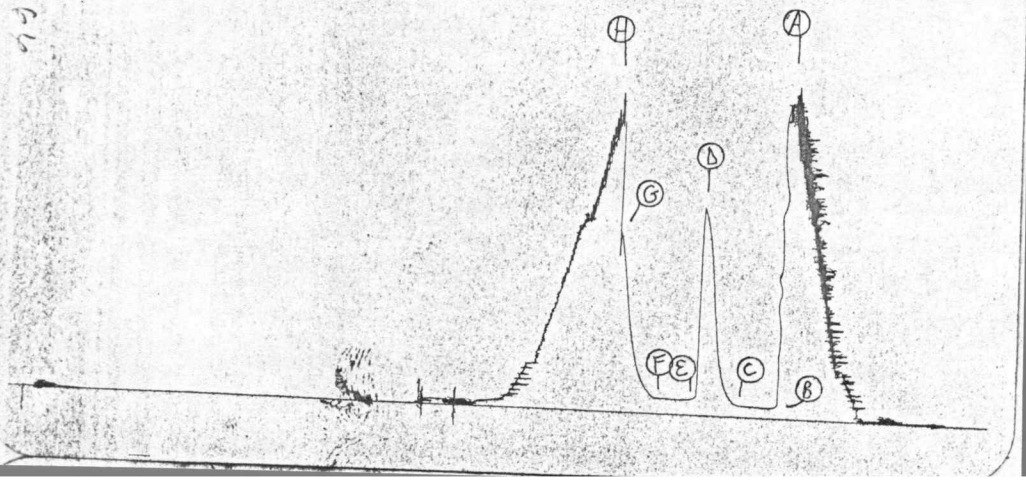
PRESSURE BREAKDOWN

| | FIRST FLOW | | INITIAL SHUT-IN | | SECOND FLOW | | FINAL SHUT-IN | |
|---|---|---|---|---|---|---|---|---|
| PT | MIN | PRESSURE | MIN | PRESSURE | MIN | PRESSURE | MIN | PRESSURE |
| 1 | 0 | 53 | 0 | 176 | 0 | 254 | 0 | 335 |
| 2 | 5 | 53 | 3 | 672 | 5 | 254 | 3 | 678 |
| 3 | 10 | 76 | 6 | 709 | 10 | 254 | 6 | 705 |
| 4 | 15 | 101 | 9 | 728 | 15 | 263 | 9 | 724 |
| 5 | 20 | 121 | 12 | 742 | 20 | 275 | 12 | 738 |
| 6 | 25 | 150 | 15 | 759 | 25 | 282 | 15 | 757 |
| 7 | 30 | 176 | 18 | 777 | 30 | 292 | 18 | 771 |
| 8 | | | 21 | 788 | 35 | 305 | 21 | 782 |
| 9 | | | 24 | 795 | 40 | 322 | 24 | 787 |
| 10 | | | 27 | 798 | 45 | 335 | 27 | 791 |
| 11 | | | 30 | 799 | | | 30 | 794 |
| 12 | | | | | | | 33 | 796 |
| 13 | | | | | | | 36 | 798 |
| 14 | | | | | | | 39 | 800 |
| 15 | | | | | | | 42 | 801 |
| 16 | | | | | | | 45 | 802 |
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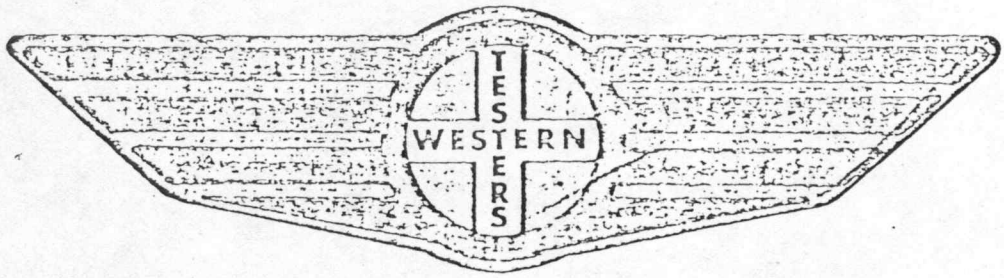

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# FORMATION TEST REPORT




Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone (316) 262-5861

Company _____ Lease and Well No. _____ Sec. 13 Twp. 29S Rge. 1E Test No. 3 Date 11/1/87

# WESTERN TESTING CO. INC.
## SUBSURFACE PRESSURE SURVEY

DATE: 11/7/84 TICKET #8001
CUSTOMER: DONALD J. MALONE LEASE: "B" MCHENRY
WELL: 2 TEST: 3 GEOLOGIST: MALONE
ELEVATION (KB): 1242 FORMATION: MISSISSIPPI
SECTION: 13 TOWNSHIP: 29S
RANGE: 1E COUNTY: SEDGWICK STATE: KANSAS
GAUGE SN #5666 RANGE: 3950 CLOCK: 12

INTERVAL TEST FROM: 3102 FT TO: 3130 FT TOTAL DEPTH: 3130 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3097 FT SIZE: 6 3/4 IN PACKER DEPTH: 3102 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: R.R.A. DRLG
MUD TYPE: CHEMICAL VISCOSITY: 42
WEIGHT: 9.2 WATER LOSS (CC): 9.6
CHLORIDES (P.P.M.): 2600
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| DRILL COLLAR LENGTH: | 418 | FT | I.D.: | 2.25 | IN | | |
| WEIGHT PIPE LENGTH: | | FT | I.D.: | | IN | | |
| DRILL PIPE LENGTH: | 2659 | FT | I.D.: | 3.8 | IN | | |
| TEST TOOL LENGTH: | 25 | FT | TOOL SIZE: | 5 1/2 | IN | | |
| ANCHOR LENGTH: | 28 | FT | SIZE: | 5 1/2 | IN | | |
| SURFACE CHOKE SIZE: | 3/4 | IN | BOTTOM CHOKE SIZE: | 3/4 | IN | | |
| MAIN HOLE SIZE: | 7 7/8 | IN | TOOL JOINT SIZE: | 4 1/2 XH | IN | | |

BLOW: WEAK BLOW TO A STRONG BLOW THROUGHOUT TEST.

| | | | |
|---|---|---|---|
| RECOVERED: | 30 | FT | OF: GAS ABOVE FLUID. |
| RECOVERED: | 30 | FT | OF: SLIGHTLY OIL & GAS CUT MUD (5% OIL). |
| RECOVERED: | 60 | FT | OF: HEAVY OIL & GAS CUT MUD (15% GAS; 30% OIL). |
| RECOVERED: | | FT | OF: |
| RECOVERED: | | FT | OF: |
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| RECOVERED: | | FT | OF: |
| RECOVERED: | | FT | OF: |

REMARKS:

TIME SET PACKER(S): 1:30 PM TIME STARTED OFF BOTTOM: 3:30 PM
WELL TEMPERATURE: 104 'F

| | | | | | |
|---|---|---|---|---|---|
| INITIAL HYDROSTATIC PRESSURE: | | (A) 1615 | PSI | | |
| INITIAL FLOW PERIOD | MIN: 30 | (B) 49 | PSI TO | (C) 54 | PSI |
| INITIAL CLOSED IN PERIOD | MIN: 30 | (D) 1076 | PSI | | |
| FINAL FLOW PERIOD | MIN: 30 | (E) 78 | PSI TO | (F) 82 | PSI |
| FINAL CLOSED IN PERIOD | MIN: 30 | (G) 935 | PSI | | |
| FINAL HYDROSTATIC PRESSURE | | (H) 1527 | PSI | | |

# WESTERN TESTING CO. INC.

## PRESSURE DATA

DATE: 11/7/84 TICKET #8001
CUSTOMER: DONALD J. MALONE LEASE: "B" MCHENRY
WELL: 2 TEST: 3 GEOLOGIST: MALONE
ELEVATION (KB): 1242 FORMATION: MISSISSIPPI
SECTION: 13 TOWNSHIP: 29S
RANGE: 1E COUNTY: SEDGWICK STATE: KANSAS
GAUGE SN #5666 RANGE: 3950 CLOCK: 12

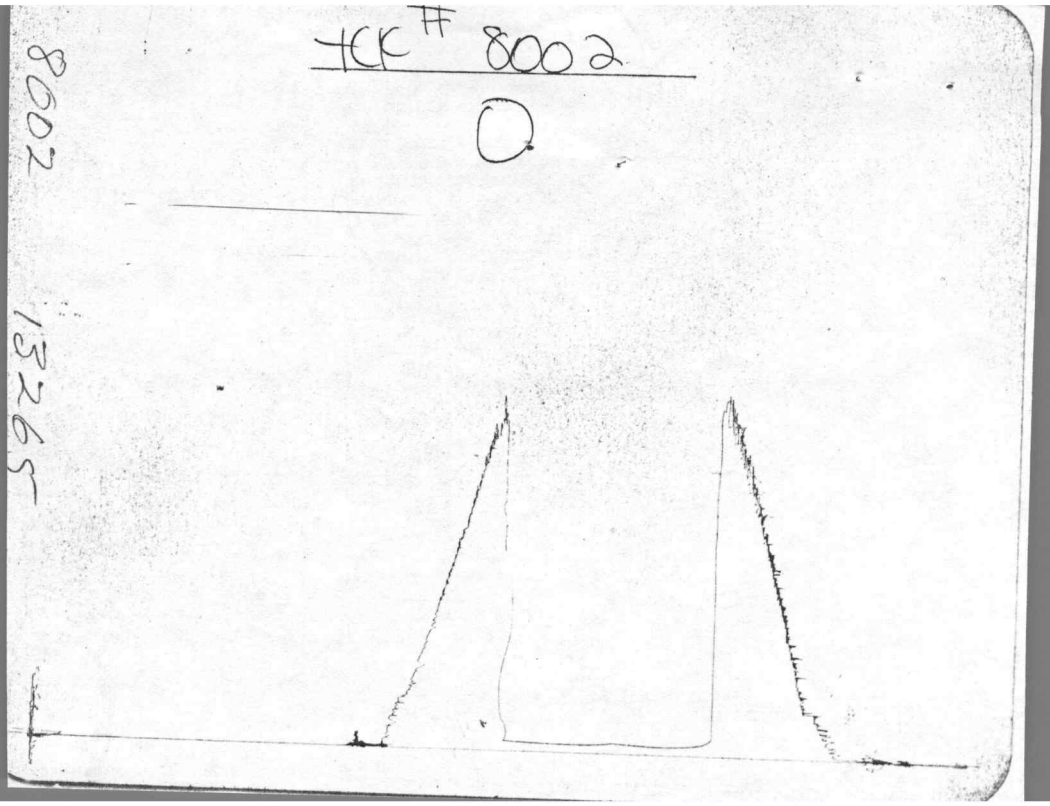
| | | |
|---|---|---|
| (A) INITIAL HYDROSTATIC PRESSURE: | 1615 | PSI |
| (B) FIRST INITIAL FLOW PRESSURE: | 49 | PSI |
| (C) FIRST FINAL FLOW PRESSURE: | 54 | PSI |
| (D) INITIAL CLOSED-IN PRESSURE: | 1076 | PSI |
| (E) SECOND INITIAL FLOW PRESSURE: | 78 | PSI |
| (F) SECOND FINAL FLOW PRESSURE: | 82 | PSI |
| (G) FINAL CLOSED-IN PRESSURE: | 935 | PSI |
| (H) FINAL HYDROSTATIC PRESSURE: | 1527 | PSI |
| WELL TEMPERATURE: | 104 | 'F |

OPEN TOOL: 1:30 PM

| | TIME - GIVEN | TIME - ACTUAL |
|---|---|---|
| FIRST FLOW PRESSURE: | 30 MIN | 30 MIN |
| INITIAL CLOSED-IN PRESSURE: | 30 MIN | 30 MIN |
| SECOND FLOW PRESSURE: | 30 MIN | 30 MIN |
| FINAL CLOSED-IN PRESSURE: | 30 MIN | 30 MIN |

### PRESSURE BREAKDOWN

| | FIRST FLOW | | INITIAL SHUT-IN | | SECOND FLOW | | FINAL SHUT-IN | |
|---|---|---|---|---|---|---|---|---|
| PT | MIN | PRESSURE | MIN | PRESSURE | MIN | PRESSURE | MIN | PRESSURE |
| 1 | 0 | 49 | 0 | 54 | 0 | 78 | 0 | 82 |
| 2 | 5 | 49 | 3 | 65 | 5 | 78 | 3 | 90 |
| 3 | 10 | 49 | 6 | 92 | 10 | 78 | 6 | 116 |
| 4 | 15 | 50 | 9 | 133 | 15 | 78 | 9 | 142 |
| 5 | 20 | 52 | 12 | 196 | 20 | 78 | 12 | 184 |
| 6 | 25 | 53 | 15 | 310 | 25 | 80 | 15 | 252 |
| 7 | 30 | 54 | 18 | 536 | 30 | 82 | 18 | 357 |
| 8 | | | 21 | 799 | | | 21 | 524 |
| 9 | | | 24 | 952 | | | 24 | 700 |
| 10 | | | 27 | 1045 | | | 27 | 869 |
| 11 | | | 30 | 1076 | | | 30 | 935 |
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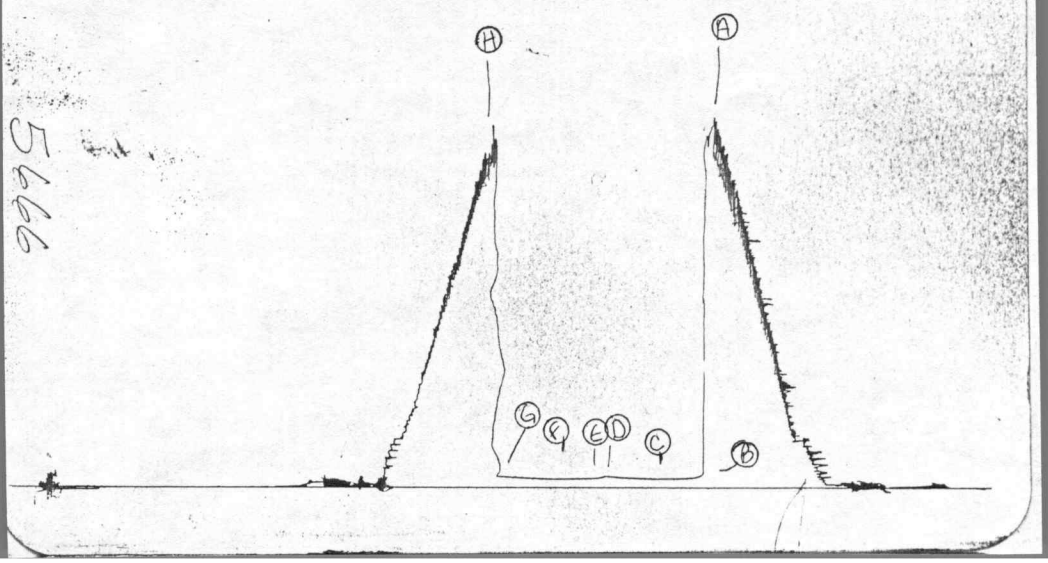

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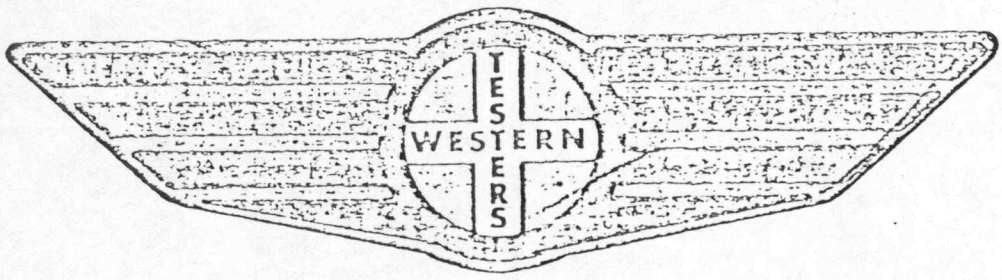
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# FORMATION TEST REPORT




Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone (316) 262-5861

Company DONALD J MALONE Lease and Well No. #2 "B" MCHENRY Sec. 13 Twp. 29S Rge. 1E Test No. 4 Date 11/9/84

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 11/9/84 TICKET #8002
CUSTOMER: DONALD J. MALONE LEASE: "B" MCHENRY
WELL: 2 TEST: 4 GEOLOGIST: MALONE
ELEVATION (KB): 1242 FORMATION: SIMPSON
SECTION: 13 TOWNSHIP: 29S
RANGE: 1E COUNTY: SEDGWICK STATE: KANSAS
GAUGE SN #5666 RANGE: 3950 CLOCK: 12

INTERVAL TEST FROM: 3466 FT TO: 3498 FT TOTAL DEPTH: 3498 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3461 FT SIZE: 6 3/4 IN PACKER DEPTH: 3466 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: R.R.A. DRLG
MUD TYPE: CHEMICAL VISCOSITY: 46
WEIGHT: 9.6 WATER LOSS (CC): 11.6
CHLORIDES (P.P.M.): 2800
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 418 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 3028 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 IN
ANCHOR LENGTH: 32 FT SIZE: 5 1/2 IN
SURFACE CHOKE SIZE: 3/4 IN BOTTOM CHOKE SIZE: 3/4 IN
MAIN HOLE SIZE: 7 7/8 IN TOOL JOINT SIZE: 4 1/2 XH IN

BLOW: VERY WEAK BLOW FOR 24 MINUTES.

RECOVERED: 2 FT OF: DRILLING MUD WITH A FEW OIL SPOTS ON TOP.
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 6:00 AM TIME STARTED OFF BOTTOM: 8:30 AM
WELL TEMPERATURE: 111 'F

| | | | |
|---|---|---|---|
| INITIAL HYDROSTATIC PRESSURE: | | (A) 1838 PSI | |
| INITIAL FLOW PERIOD | MIN: 30 | (B) 49 PSI | TO (C) 49 PSI |
| INITIAL CLOSED IN PERIOD | MIN: 42 | (D) 61 PSI | |
| FINAL FLOW PERIOD | MIN: 30 | (E) 51 PSI | TO (F) 51 PSI |
| FINAL CLOSED IN PERIOD | MIN: 48 | (G) 63 PSI | |
| FINAL HYDROSTATIC PRESSURE | | (H) 1765 PSI | |

# WESTERN TESTING CO. INC.

## PRESSURE DATA

DATE: 11/9/84 TICKET #8002
CUSTOMER: DONALD J. MALONE LEASE: "B" MCHENRY
WELL: 2 TEST: 4 GEOLOGIST: MALONE
ELEVATION (KB): 1242 FORMATION: SIMPSON
SECTION: 13 TOWNSHIP: 29S
RANGE: 1E COUNTY: SEDGWICK STATE: KANSAS
GAUGE SN #5666 RANGE: 3950 CLOCK: 12

| | | |
|---|---|---|
| (A) INITIAL HYDROSTATIC PRESSURE: | 1838 | PSI |
| (B) FIRST INITIAL FLOW PRESSURE: | 49 | PSI |
| (C) FIRST FINAL FLOW PRESSURE: | 49 | PSI |
| (D) INITIAL CLOSED-IN PRESSURE: | 61 | PSI |
| (E) SECOND INITIAL FLOW PRESSURE: | 51 | PSI |
| (F) SECOND FINAL FLOW PRESSURE: | 51 | PSI |
| (G) FINAL CLOSED-IN PRESSURE: | 63 | PSI |
| (H) FINAL HYDROSTATIC PRESSURE: | 1765 | PSI |
| WELL TEMPERATURE: | 111 | 'F |

OPEN TOOL: 6:00 AM

| | TIME - GIVEN | TIME - ACTUAL |
|---|---|---|
| FIRST FLOW PRESSURE: | 30 MIN | 30 MIN |
| INITIAL CLOSED-IN PRESSURE: | 45 MIN | 42 MIN |
| SECOND FLOW PRESSURE: | 30 MIN | 30 MIN |
| FINAL CLOSED-IN PRESSURE: | 45 MIN | 48 MIN |

### PRESSURE BREAKDOWN

| PT | FIRST FLOW MIN | FIRST FLOW PRESSURE | INITIAL SHUT-IN MIN | INITIAL SHUT-IN PRESSURE | SECOND FLOW MIN | SECOND FLOW PRESSURE | FINAL SHUT-IN MIN | FINAL SHUT-IN PRESSURE |
|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 49 | 0 | 49 | 0 | 51 | 0 | 51 |
| 2 | 5 | 49 | 3 | 49 | 5 | 51 | 3 | 51 |
| 3 | 10 | 49 | 6 | 50 | 10 | 51 | 6 | 52 |
| 4 | 15 | 49 | 9 | 50 | 15 | 51 | 9 | 52 |
| 5 | 20 | 49 | 12 | 51 | 20 | 51 | 12 | 53 |
| 6 | 25 | 49 | 15 | 51 | 25 | 51 | 15 | 53 |
| 7 | 30 | 49 | 18 | 52 | 30 | 51 | 18 | 54 |
| 8 | | | 21 | 52 | | | 21 | 54 |
| 9 | | | 24 | 53 | | | 24 | 55 |
| 10 | | | 27 | 54 | | | 27 | 56 |
| 11 | | | 30 | 55 | | | 30 | 57 |
| 12 | | | 33 | 56 | | | 33 | 58 |
| 13 | | | 36 | 57 | | | 36 | 59 |
| 14 | | | 39 | 59 | | | 39 | 60 |
| 15 | | | 42 | 61 | | | 42 | 61 |
| 16 | | | | | | | 45 | 62 |
| 17 | | | | | | | 48 | 63 |
| 18 | | | | | | | | |
| 19 | | | | | | | | |
| 20 | | | | | | | | |
| 21 | | | | | | | | |
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| 30 | | | | | | | | |