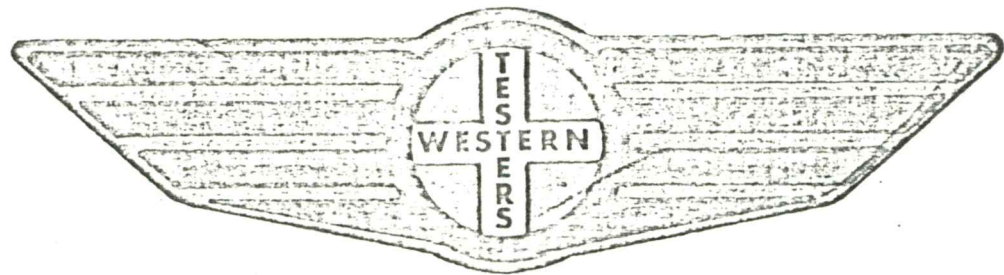


FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

Company KAN-EX, INC. Lease and Well No. #1 KENNEDY Sec. 4 Twp. 29S Rge. 12W Test No. 1 Date 12/3/83

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 12/3/83 TICKET #2772
CUSTOMER: KAN-EX INC. LEASE: KENNEDY
WELL: 1 TEST: 1 GEOLOGIST: M. SPAIN
ELEVATION (KB): 1887 FORMATION: LANSING
SECTION: 4 TOWNSHIP: 29S
RANGE: 12W COUNTY: PRATT STATE: KANSAS
GAUGE SN #13402 RANGE: 4025 CLOCK: 12

INTERVAL TEST FROM: 4088 FT TO: 4110 FT TOTAL DEPTH: 4110 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4083 FT SIZE: 6 3/4 IN PAKER DEPTH: 4088 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PAKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: UNION #4
MUD TYPE: CHEMICAL VISCOSITY: 44
WEIGHT: 9.2 WATER LOSS (CC): 11.4
CHLORIDES (P.P.M.): 18000
JARS - MAKE: WTC SERIAL NUMBER: 406
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: FT I.D.: IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4059 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 29 FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 22 FT SIZE: 5 1/2 O.D. 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 F.H. IN

BLOW: FAIR DECREASING TO WEAK INITIAL FLOW.
VERY WEAK THRU FINAL FLOW.

RECOVERED: 65 FT OF: MUD - FEW OIL SPECKS
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:

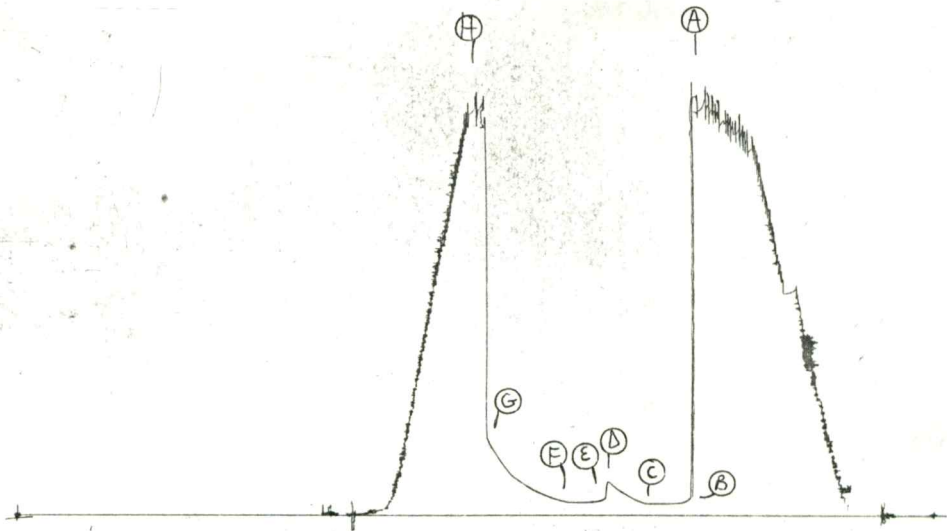
TIME SET PACKER(S): 5:30 P.M. TIME STARTED OFF BOTTOM: 8:00 P.M.
WELL TEMPERATURE: 116 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2049 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 61 PSI TO (C) 61 PSI
INITIAL CLOSED IN PERIOD MIN: 30 (D) 173 PSI
FINAL FLOW PERIOD MIN: 30 (E) 69 PSI TO (F) 69 PSI
FINAL CLOSED IN PERIOD MIN: 57 (G) 390 PSI
FINAL HYDROSTATIC PRESSURE (H) 2049 PSI

13402

DST #1

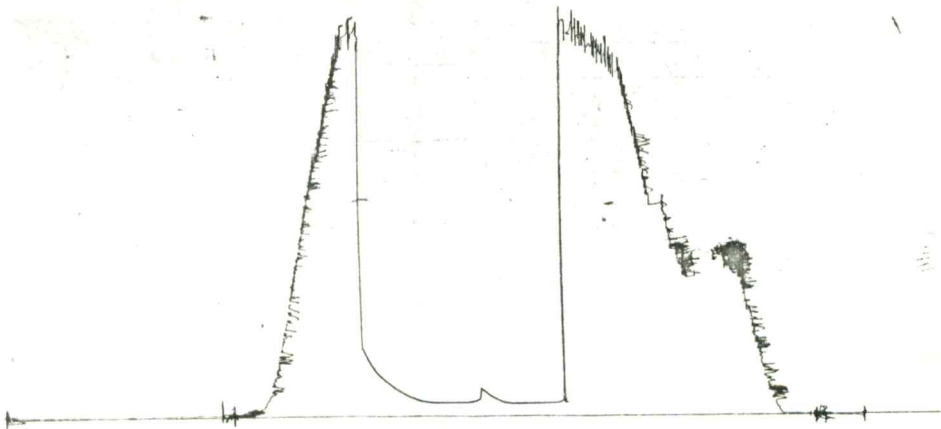
TKT # 2772

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1557
DST#1

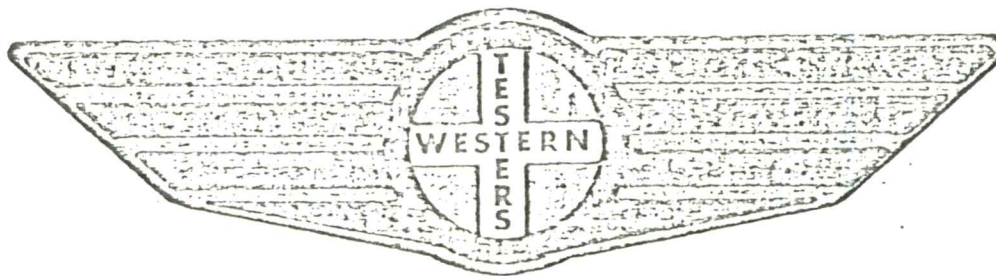
TKT # 2772



FORMATION

TEST

REPORT



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P.O. Box 1599

Phone (316) 262-5861

Company KAN-EX, INC. Lease and Well No. #1 KENNEDY Sec. 4 Twp. 29S Rge. 12W Test No. 2 Date 12/4/8

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 12/4/83
CUSTOMER: KAN-EX INC.
WELL: 1
ELEVATION (KB): 1887
SECTION: 4
RANGE: 12W
GAUGE SN #13402

TEST: 2
COUNTY: PRATT
RANGE: 4025

TICKET #2773
LEASE: KENNEDY
GEOLOGIST: SPAIN
FORMATION: LANSING
TOWNSHIP: 29S
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 4150 FT TO: 4180 FT TOTAL DEPTH: 4180 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4145 FT SIZE: 6 3/4 IN PACKER DEPTH: 4150 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: UNION #4
MUD TYPE: CHEM VISCOSITY: 50
WEIGHT: 9.3 WATER LOSS (CC): 12.4
CHLORIDES (P.P.M.): 20000
JARS - MAKE: W.T.C. SERIAL NUMBER: 406
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 30 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4091 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 29 FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 30 FT SIZE: 5 1/2 O.D. 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 FH IN

BLOW: WEAK BUILDING TO FAIR IN INITIAL
FLOW PERIOD. FINAL FLOW PERIOD
WEAK THROUGHOUT.

RECOVERED: 15 FT OF: VERY SLIGHTLY OIL CUT MUD.
RECOVERED: 120 FT OF: MUDDY WATER.
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:

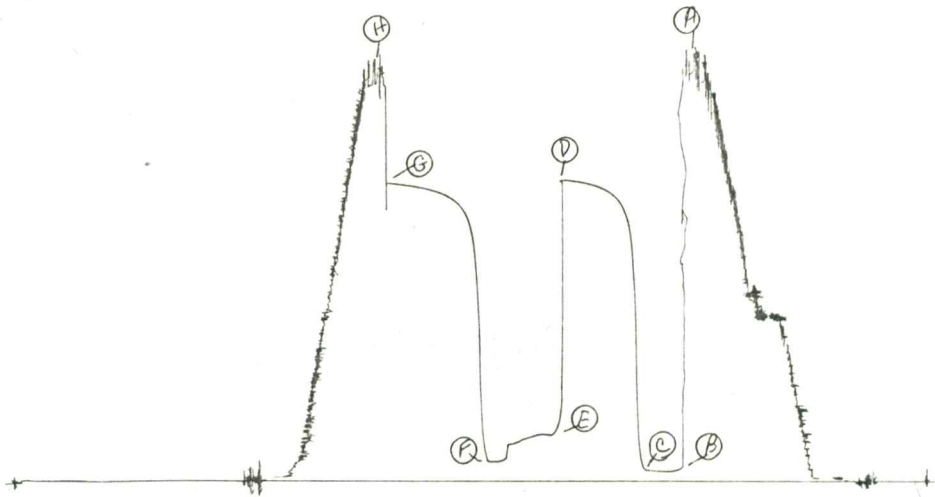
TIME SET PACKER(S): 11:45 A.M. TIME STARTED OFF BOTTOM: 3:30 P.M.
WELL TEMPERATURE: 116 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2085 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 53 PSI TO (C) 59 PSI
INITIAL CLOSED IN PERIOD MIN: 60 (D) 1536 PSI
FINAL FLOW PERIOD MIN: 55 (E) 236 PSI TO (F) 102 PSI
FINAL CLOSED IN PERIOD MIN: 75 (G) 1517 PSI
FINAL HYDROSTATIC PRESSURE (H) 2085 PSI

13402

DST#2

TKT# 2773

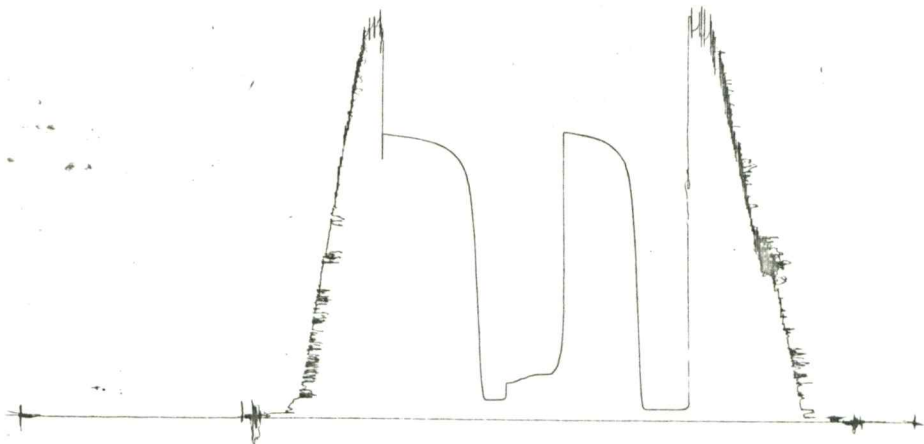
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1559
DST#2

TKT # 2773

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WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 12/5/83
CUSTOMER: KAN-EX INC.
WELL: 1
ELEVATION (KB): 1887
SECTION: 4
RANGE: 12W
GAUGE SN #13402

TEST: 3
COUNTY: PRATT
RANGE: 4025

TICKET #2774
LEASE: KENNEDY
GEOLOGIST: SPAIN
FORMATION: MISS
TOWNSHIP: 29S
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 4247 FT TO: 4267 FT TOTAL DEPTH: 4267 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4242 FT SIZE: 6 3/4 IN PACKER DEPTH: 4247 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: UNION #4
MUD TYPE: CHEM VISCOSITY: 50
WEIGHT: 9.3 WATER LOSS (CC): 12.4
CHLORIDES (P.P.M.): 20000
JARS - MAKE: W.T.C. SERIAL NUMBER: 406
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 30 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4188 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 29 FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 20 FT SIZE: 5 1/2 O.D. 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 FH IN

BLOW: INITIAL FLOW PERIOD WEAK BUILDING
TO FAIR BLOW. FINAL FLOW PERIOD
FAIR THROUGHOUT.

RECOVERED: 45 FT OF: MUD
RECOVERED: FT OF:
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): 9:15 A.M.

TIME STARTED OFF BOTTOM: 1:00 P.M.

WELL TEMPERATURE: 118 °F

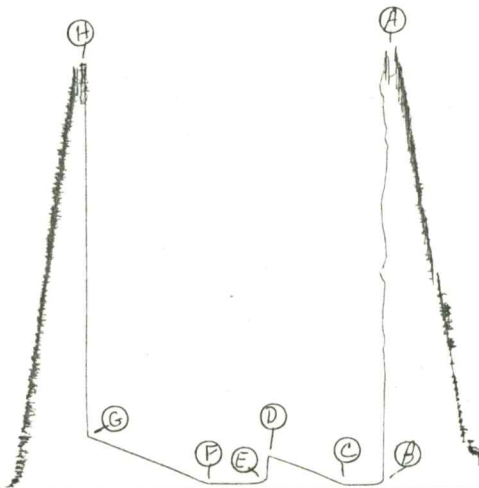
INITIAL HYDROSTATIC PRESSURE: (A) 2127 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 31 PSI TO (C) 33 PSI
INITIAL CLOSED IN PERIOD MIN: 54 (D) 180 PSI
FINAL FLOW PERIOD MIN: 45 (E) 41 PSI TO (F) 41 PSI
FINAL CLOSED IN PERIOD MIN: 87 (G) 276 PSI
FINAL HYDROSTATIC PRESSURE (H) 2119 PSI

13402

DST # 3

T.K.T.# 2774

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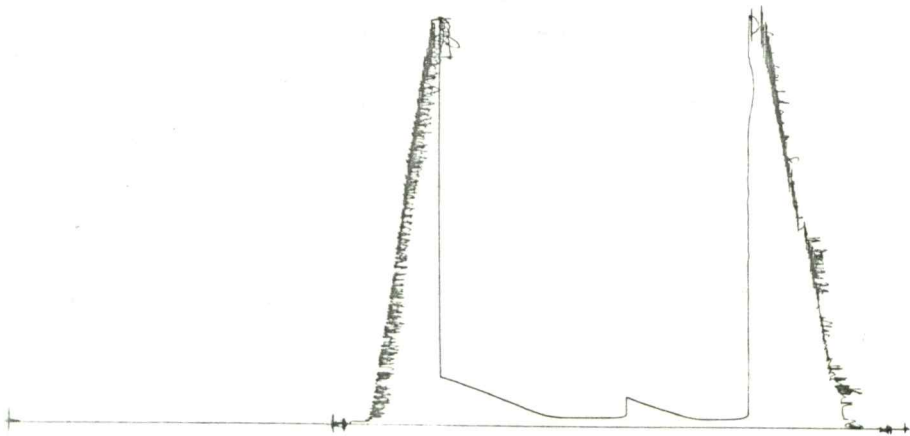


1559

DST # 3

TKT # 2774

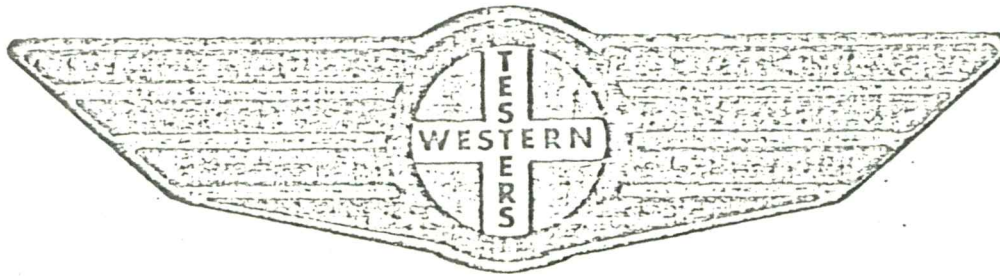
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FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

Company KAN-EX, INC. Lease and Well No. #1 KENNEDY Sec. 4 Twp. 29S Rge. 12W Test No. 4 Date 12/5/83

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 12/5/83 TICKET #2775
CUSTOMER: KAN-EX INC. LEASE: KENNEDY
WELL: 1 TEST: 4 GEOLOGIST: SPAIN
ELEVATION (KB): 1887 FORMATION: MISS
SECTION: 4 TOWNSHIP: 29S
RANGE: 12W COUNTY: PRATT STATE: KANSAS
GAUGE SN #13402 RANGE: 4025 CLOCK: 12

INTERVAL TEST FROM: 4267 FT TO: 4282 FT TOTAL DEPTH: 4282 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4262 FT SIZE: 6 3/4 IN PACKER DEPTH: 4267 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: UNION #4
MUD TYPE: CHEM VISCOSITY: 44
WEIGHT: 9.2 WATER LOSS (CC): 11.5
CHLORIDES (P.P.M.): 18000
JARS - MAKE: W.T.C. SERIAL NUMBER: 406
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 30 FT I.D.: 2.2 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4208 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 29 FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 15 FT SIZE: 5 1/2 O.D. 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 FH IN

BLOW: INITIAL FLOW PERIOD FAIR THROUGHOUT.
FINAL FLOW PERIOD WEAK DECREASING
TO VERY WEAK.

RECOVERED: 150 FT OF: MUD.
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
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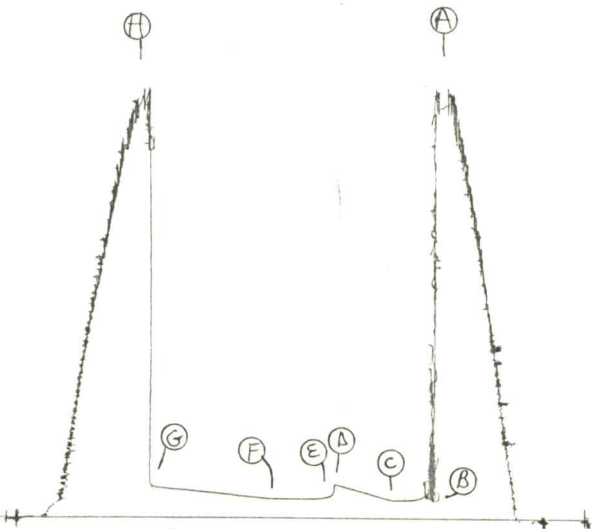
REMARKS:

TIME SET PACKER(S): 12:30 A.M. TIME STARTED OFF BOTTOM: 4:00 A.M.
WELL TEMPERATURE: 118 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2101 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 97 PSI TO (C) 97 PSI
INITIAL CLOSED IN PERIOD MIN: 45 (D) 177 PSI
FINAL FLOW PERIOD MIN: 45 (E) 103 PSI TO (F) 103 PSI
FINAL CLOSED IN PERIOD MIN: 90 (G) 167 PSI
FINAL HYDROSTATIC PRESSURE (H) 2101 PSI

1570x
DST#4

TKT # 2775

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1537
DST #4

TKT # 2775

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