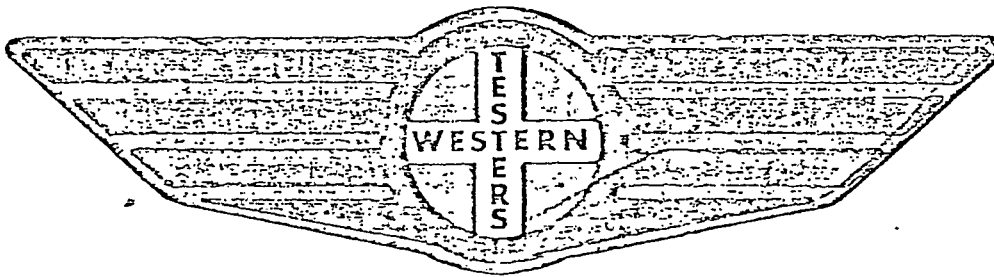


FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

Company ENERGY EXPLORATION INC. Lease and Well No. #1 HEMMERT UNIT Sec. 2 Twp. 11S Rge. 32W Test No. 1 Date 7/26/84

WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 7/26/84
CUSTOMER: ENERGY EXPLORATION INC.
WELL: 1 TEST: 1
ELEVATION (KB): 3050 FORMATION: LANSING
SECTION: 2 TOWNSHIP: 11S
RANGE: 32W COUNTY: LOGAN STATE: KANSAS
GAUGE SN #13550 RANGE: 4175 CLOCK: 12

TICKET #5151
LEASE: HEMMERT UNIT
GEOLOGIST: WHITE

INTERVAL TEST FROM: 4080 FT TO: 4105 FT TOTAL DEPTH: 4105 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4080 FT SIZE: 6 5/8 IN PAKER DEPTH: 4075 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PAKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: ABERCROMBIE
MUD TYPE: CHEMICAL VISCOSITY: 49
WEIGHT: 9.5 WATER LOSS (CC): 12.8
CHLORIDES (P.P.M.): 2500
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT?
DRILL COLLAR LENGTH: 60 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: 510 FT I.D.: 2.7 IN
DRILL PIPE LENGTH: 3489 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 21 FT TOOL SIZE: 4 1/2 O.D. IN
ANCHOR LENGTH: 25 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: INITIAL FLOW PERIOD: WEAK BLOW HOSE 1 1/2 INCH
INTO BUCKET; REMAINED THROUGHOUT. FINAL FLOW
PERIOD: WEAK BLOW HOSE 1 INCH INTO BUCKET;
REMAINED THROUGHOUT.

RECOVERED: 240 FT OF: MUDDY WATER
RECOVERED: FT OF: CHLORIDES 70000 PPM
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

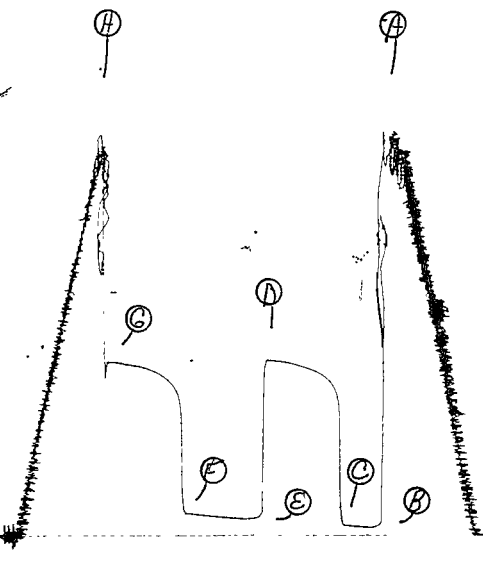
REMARKS:

TIME SET PACKER(S): 2:10 P.M. TIME STARTED OFF BOTTOM: 5:40 P.M.
WELL TEMPERATURE: 122 F
INITIAL HYDROSTATIC PRESSURE: (A) 2130 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 47 PSI TO (C) 58 PSI
INITIAL CLOSED IN PERIOD MIN: 60 (D) 952 PSI
FINAL FLOW PERIOD MIN: 60 (E) 94 PSI TO (F) 124 PSI
FINAL CLOSED IN PERIOD MIN: 60 (G) 945 PSI
FINAL HYDROSTATIC PRESSURE (H) 2079 PSI

ERT #5151

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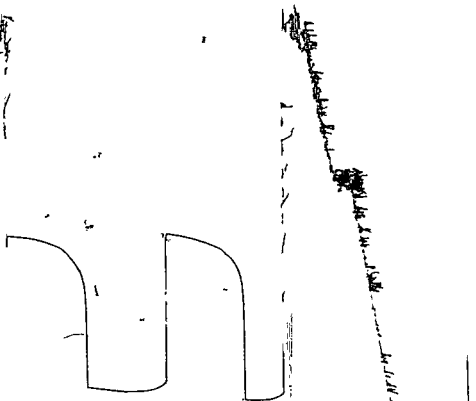
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TKT #5151

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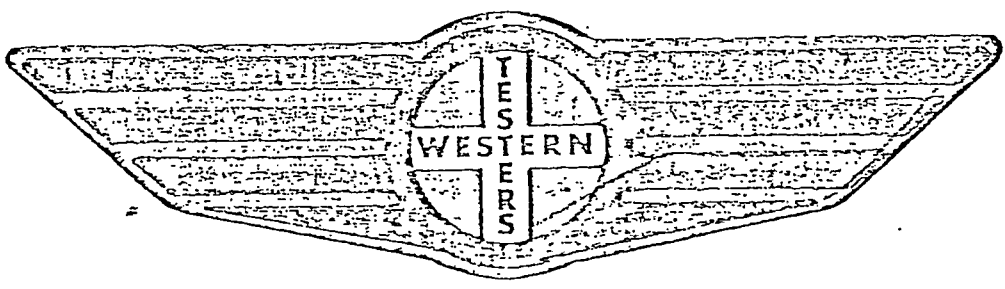
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FORMATION

TEST

REPORT



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Company ENERGY EXPLORATION INC. Lease and Well No. #1 HAMMERT UNIT Sec. 2 Typ. LIS Rge. 32W Test No. 2 Date //2//84

WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 7/27/84 TICKET #5152
 CUSTOMER: ENERGY EXPLORATION INC. LEASE: HEMMERT, UNIT
 WELL: 1 TEST: 2 GEOLOGIST: WHITE
 ELEVATION (KB): 3050 FORMATION: KANSAS CITY
 SECTION: 2 TOWNSHIP: 11S
 RANGE: 32W COUNTY: LOGAN STATE: KANSAS
 GAUGE SN #13550 RANGE: 4175 CLOCK: 12

INTERVAL TEST FROM: 4120 FT TO: 4142 FT TOTAL DEPTH: 4142 FT
 DEPTH OF SELECTIVE ZONE: FT
 PACKER DEPTH: 4120 FT SIZE: 6 5/8 IN PACKER DEPTH: 4115 FT SIZE: 6 5/8 IN
 PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: ABERCROMBIE
 MUD TYPE: CHEMICAL VISCOSITY: 49
 WEIGHT: 9.5 WATER LOSS (CC): 12.8
 CHLORIDES (P.P.M.): 2500
 JARS - MAKE: SERIAL NUMBER:
 DID WELL FLOW? REVERSED OUT?
 DRILL COLLAR LENGTH: 60 FT I.D.: 2.25 IN
 WEIGHT PIPE LENGTH: 510 FT I.D.: 2.7 IN
 DRILL PIPE LENGTH: 3529 FT I.D.: 3.8 IN
 TEST TOOL LENGTH: 21 FT TOOL SIZE: 4 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: INITIAL FLOW PERIOD: WEAK SURFACE BLOW; DIED IN
 10 MINUTES; REMAINED DEAD THROUGHOUT. FINAL
 FLOW PERIOD: NO BLOW; FLUSHED TOOL; GOT SURGE;
 REMAINED DEAD THROUGHOUT.

RECOVERED: 15 FT OF: MUD
 RECOVERED: FT OF: CHLORIDES 2000 PPM
 RECOVERED: FT OF:
 RECOVERED: FT OF:
 RECOVERED: FT OF:
 RECOVERED: FT OF:
 RECOVERED: FT OF:
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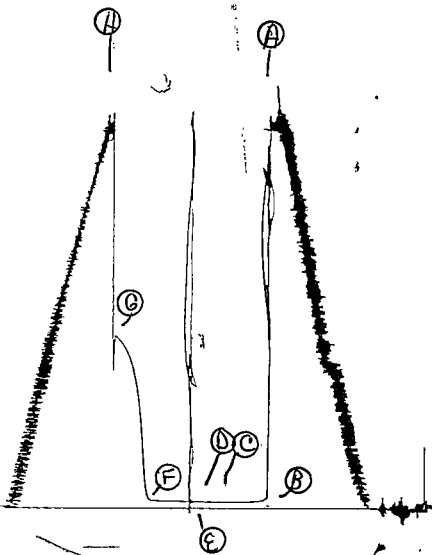
REMARKS:

TIME SET PACKER(S): 7:50 A.M. TIME STARTED OFF BOTTOM: 9:50 A.M.
 WELL TEMPERATURE: 122 °F
 INITIAL HYDROSTATIC PRESSURE: (A) 2095 PSI
 INITIAL FLOW PERIOD MIN: 30 (B) 34 PSI TO (C) 34 PSI
 INITIAL CLOSED IN PERIOD MIN: 30 (D) 34 PSI
 FINAL FLOW PERIOD MIN: 30 (E) 34 PSI TO (F) 42 PSI
 FINAL CLOSED IN PERIOD MIN: 27 (G) 935 PSI
 FINAL HYDROSTATIC PRESSURE (H) 2065 PSI

TKT # 5152

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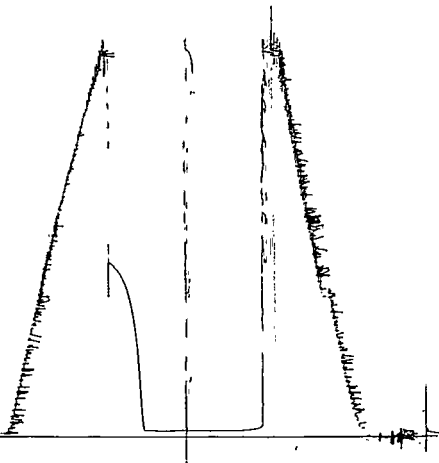
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TKT# 5152

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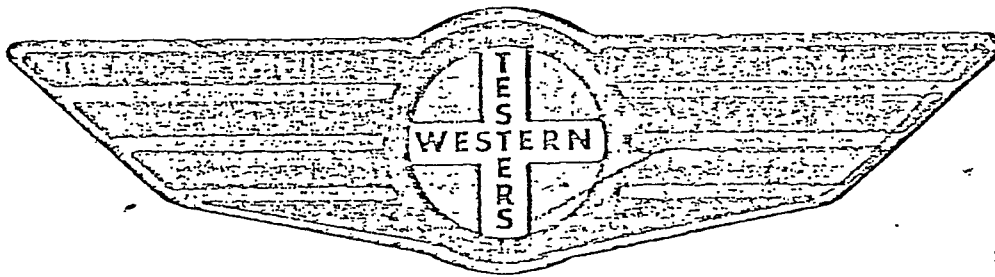
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FORMATION

TEST

REPORT



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Company

ENERGY EXPLORATION INC.

Lease and Well No.

#1 HAMMERT UNIT

Sec. 2

Twp. 11S Rge. 32W

Test No. 3

Date 7/28/84

WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 7/28/84
 CUSTOMER: ENERGY EXPLORATION INC.
 WELL: 1 TEST: 3
 ELEVATION (KB): 3050 FORMATION: KANSAS CITY
 SECTION: 2 TOWNSHIP: 11S
 RANGE: 32W COUNTY: DOGAN STATE: KANSAS
 GAUGE SN #13550 RANGE: 4175 CLOCK: 12

INTERVAL TEST FROM: 4227 FT TO: 4275 FT TOTAL DEPTH: 4275 FT
 DEPTH OF SELECTIVE ZONE: FT
 PACKER DEPTH: 4227 FT SIZE: 6 5/8 IN PACKER DEPTH: 4222 FT SIZE: 6 5/8 IN
 PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: ABERCROMBIE
 MUD TYPE: CHEMICAL VISCOSITY: 44
 HEIGHT: 9.6 WATER LOSS (CC): 9.6
 CHLORIDES (P.P.M.): 5000
 JARS - MAKE: SERIAL NUMBER:
 DID WELL FLOW? REVERSED OUT?
 DRILL COLLAR LENGTH: 60 FT I.D.: 2.25 IN
 WEIGHT PIPE LENGTH: 510 FT I.D.: 2.7 IN
 DRILL PIPE LENGTH: 3636 FT I.D.: 3.8 IN
 TEST TOOL LENGTH: 21 FT TOOL SIZE: 4 1/2 O.D. IN
 ANCHOR LENGTH: 48 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: INITIAL FLOW PERIOD: WEAK BLOW: HOSE 1/2 INCH
 INTO BUCKET: BLOW REMAINED THROUGHOUT. FINAL
 FLOW PERIOD: WEAK SURFACE BLOW: REMAINED
 THROUGHOUT.—

RECOVERED: 182 FT OF: SLIGHTLY GAS CUT MUD: WITH VERY FEW OIL SPECKS.
 RECOVERED: FT OF: CHLORIDES 2000 PPM
 RECOVERED: FT OF:
 RECOVERED: FT OF:
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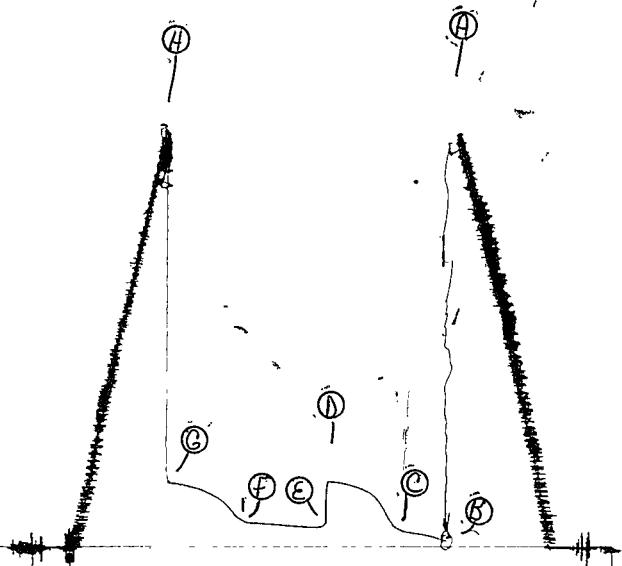
REMARKS:

TIME SET PACKER(S): 6:50 A.M. TIME STARTED OFF BOTTOM: 10:20 A.M.
 WELL TEMPERATURE: 124 °F
 INITIAL HYDROSTATIC PRESSURE: (A) 2186 PSI
 INITIAL FLOW PERIOD MIN: 30 (B) 31 PSI TO (C) 79 PSI
 INITIAL CLOSED IN PERIOD MIN: 60 (D) 358 PSI
 FINAL FLOW PERIOD MIN: 60 (E) 106 PSI TO (F) 130 PSI
 FINAL CLOSED IN PERIOD MIN: 60 (G) 350 PSI
 FINAL HYDROSTATIC PRESSURE (H) 2174 PSI

TKT # 5153

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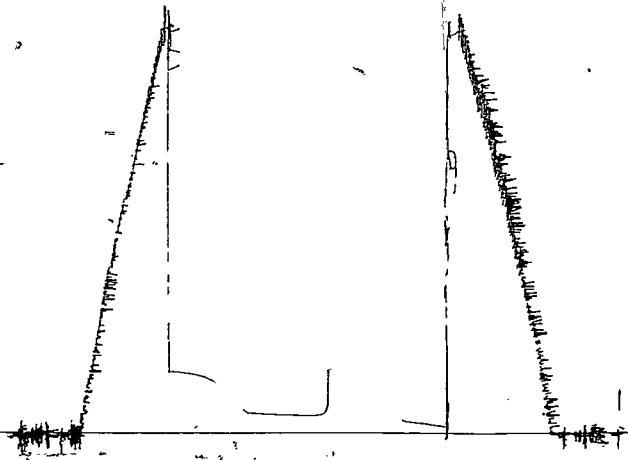
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TKT # 5153

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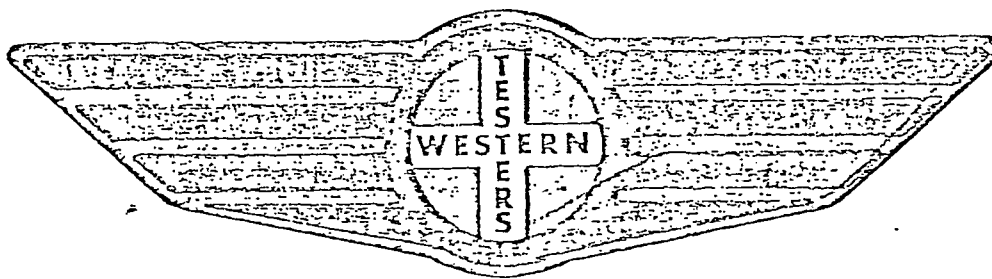
10979



FORMATION

TEST

REPORT



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Wichita, Kansas 67201

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Phone (316) 262-5861

Company

ENERGY EXPLORATION INC.

Lease and Well No.

#1 HAMMERT UNIT

Sec. 2

Twp.

11S

Rge.

32W

Test No.

4

Date

7/29/84

WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 7/29/84
CUSTOMER: ENERGY EXPLORATION INC.
WELL: 1 TEST: 4
ELEVATION (KB): 3050 FORMATION: MARMATON
SECTION: 2 TOWNSHIP: 11S
RANGE: 32W COUNTY: LOGAN STATE: KANSAS
GAUGE SN #13550 RANGE: 4175 CLOCK: 12

INTERVAL TEST FROM: 4345 FT TO: 4375 FT TOTAL DEPTH: 4375 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4345 FT SIZE: 6 5/8 IN PACKER DEPTH: 4340 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: ABERCROMBIE
MUD TYPE: CHEMICAL VISCOSITY: 49
WEIGHT: 9.8 WATER LOSS (CC): 11.5
CHLORIDES (P.P.M.): 5000
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? YES
DRILL COLLAR LENGTH: 60 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: 510 FT I.D.: 2.7 IN
DRILL PIPE LENGTH: 3754 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 21 FT TOOL SIZE: 4 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 F.H. IN

BLOW: INITIAL FLOW PERIOD: WEAK BLOW BUILDING TO A
STRONG BLOW; OFF BOTTOM OF BUCKET. FINAL FLOW
PERIOD: STRONG BLOW; OFF BOTTOM OF BUCKET;
THROUGHOUT.

RECOVERED: 135 FT OF: HEAVY OIL & GAS CUT MUD: 55% OIL: 25% WATER:
RECOVERED: FT OF: 20% MUD
RECOVERED: 1140 FT OF: GASSY SALT WATER
RECOVERED: FT OF: CHLORIDES 85000 PPM
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
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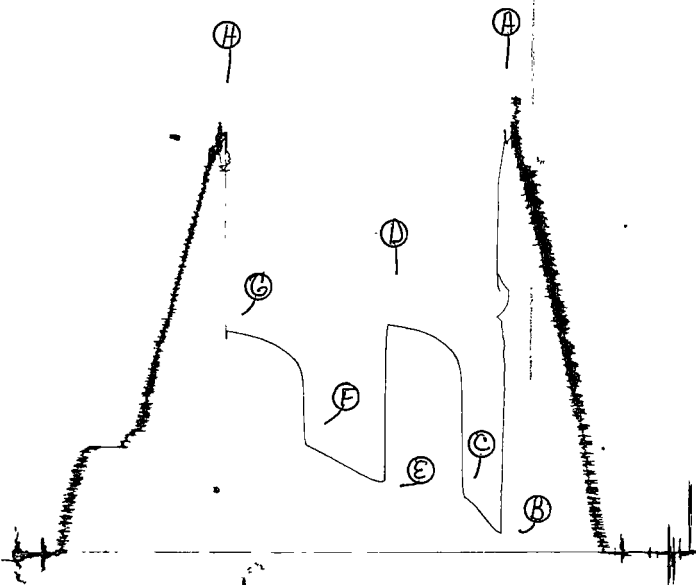
REMARKS:

TIME SET PACKER(S): 4:30 A.M. TIME STARTED OFF BOTTOM: 8:00 A.M.
WELL TEMPERATURE: 125 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2234 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 95 PSI TO (C) 298 PSI
INITIAL CLOSED IN PERIOD MIN: 60 (D) 1226 PSI
FINAL FLOW PERIOD MIN: 60 (E) 377 PSI TO (F) 578 PSI
FINAL CLOSED IN PERIOD MIN: 60 (G) 1191 PSI
FINAL HYDROSTATIC PRESSURE (H) 2213 PSI

TKT # 5154

10/14

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TKT # 5154

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