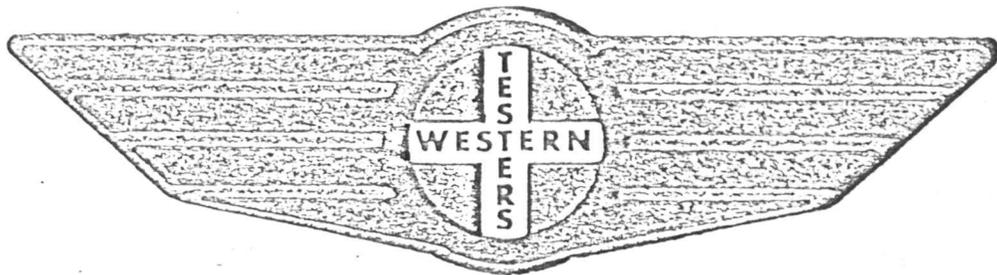


FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

company RAINES & WILLIAMSON OIL CO., INgase & Well No. #1 "C" HOLLAND Sec. 32 Twp. 13S Rge. 12W Test No. 1 Date 8-26-85

WESTERN TESTING CO., INC.
SUBSURFACE PRESSURE SURVEY

DATE: 8-26-85
CUSTOMER: RAINS & WILLIAMSON OIL CO INC
WELL: 1 TEST: 1
ELEVATION (KB): 1830 FORMATION: LANSING
SECTION: 32 TOWNSHIP: 13S
RANGE: 12W COUNTY: RUSSELL STATE: KANSAS
GAUGE SN #1049 RANGE: 4225 CLOCK: 12

INTERVAL TEST FROM: 2992 FT TO: 3008 FT TOTAL DEPTH: 3008 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 2987 FT SIZE: 6 5/8 IN PAKER DEPTH: 2992 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PAKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: RAINS/WILLIAMSON #9
MUD TYPE: STARCH VISCOSITY: 40
WEIGHT: 9.6 WATER LOSS (CC): 15.2
CHLORIDES (P.P.M.): 60000
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 90 FT I.D.: 2.7 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 2881 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 21 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 16 FT SIZE: 5 1/2 OD 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 WEAK BLOW
INCREASED TO FAIR BLOW BY END OF PERIOD.
FINAL FLOW PERIOD FAIR BLOW INCREASED
TO GOOD BLOW IN 30 MINUTES.

RECOVERED: 420 FT OF: GAS ABOVE FLUID.
RECOVERED: 35 FT OF: OIL & GAS CUT MUD
RECOVERED: FT OF: (10% MUD; 20% WATER; 6% OIL; 64% GAS).
RECOVERED: 30 FT OF: OIL & GAS CUT WATERY MUD
RECOVERED: FT OF: (20% MUD; 10% OIL; 75% WATER; 5% GAS).
RECOVERED: 180 FT OF: SLIGHTLY OIL & GAS CUT MUDDY WATER
RECOVERED: FT OF: CHLORIDES 98000 PPM.
RECOVERED: FT OF:
RECOVERED: FT OF:

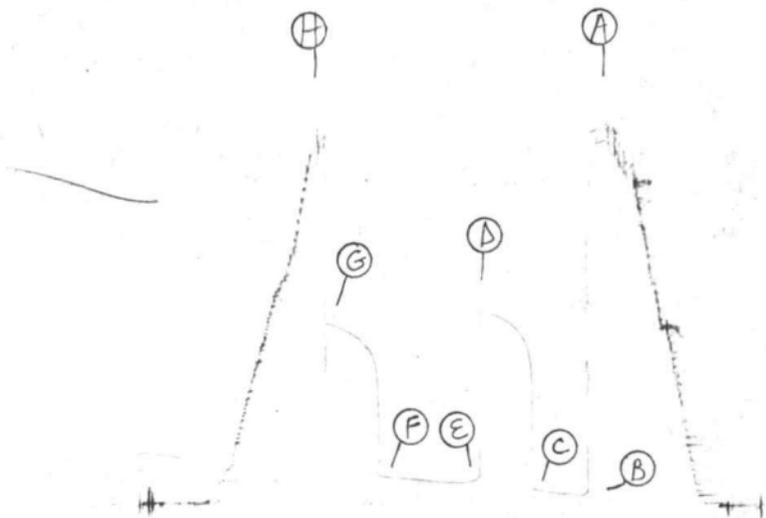
REMARKS:

TIME SET PACKER(S): 7:18 PM TIME STARTED OFF BOTTOM: 9:50 PM
WELL TEMPERATURE: 100 °F
INITIAL HYDROSTATIC PRESSURE: (A) 1568 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 39 PSI TO (C) 65 PSI
INITIAL CLOSED IN PERIOD MIN: 30 (D) 811 PSI
FINAL FLOW PERIOD MIN: 60 (E) 95 PSI TO (F) 121 PSI
FINAL CLOSED IN PERIOD MIN: 30 (G) 760 PSI
FINAL HYDROSTATIC PRESSURE (H) 1518 PSI

1049

TKT # 10051

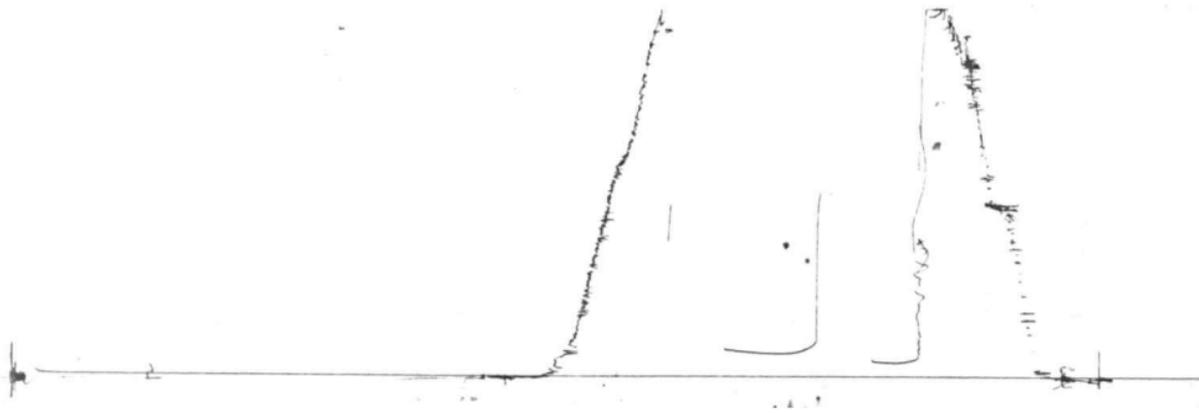
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TKT # 10051

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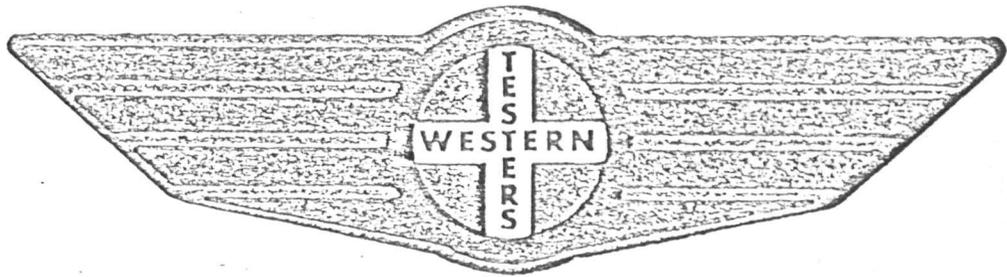
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FORMATION

TEST

REPORT



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Wichita, Kansas 67201

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Phone (316) 262-5861

Company RAINS & WILLIAMSON OIL CO., INEASE & Well No. #1 "C" HOLLAND Sec. 32 Twp. 13S Rge. 12W Test No. 2 Date 8-27-85

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 8-27-85
CUSTOMER: RAINS & WILLIAMSON OIL CO INC
WELL: 1 TEST: 2
ELEVATION (KB): 1830 FORMATION: KANSAS CITY
SECTION: 32 TOWNSHIP: 13S
RANGE: 12W COUNTY: RUSSELL STATE: KANSAS
GAUGE SN #1049 RANGE: 4225 CLOCK: 12

INTERVAL TEST FROM: 3015 FT TO: 3054 FT TOTAL DEPTH: 3054 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3010 FT SIZE: 6 3/4 IN PAKER DEPTH: 3015 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PAKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: RAINS/WILLIAMSON #9
MUD TYPE: STARCH VISCOSITY: 41
WEIGHT: 9.4 WATER LOSS (CC): 11.6
CHLORIDES (P.P.M.): 51000
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 90 FT I.D.: 2.7 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 2904 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 21 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 39 FT SIZE: 5 1/2 OD 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 THROUGHOUT TEST.

RECOVERED: 80 FT OF: MUDDY WATER (TRACE OF OIL).
RECOVERED: FT OF: CHLORIDES 82000 PPM.
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS: DRILLER PICKED UP TOO HIGH ON INITIAL SHUT-IN.

TIME SET PACKER(S): 11:13 AM TIME STARTED OFF BOTTOM: 1:45 PM
WELL TEMPERATURE: 105 °F
INITIAL HYDROSTATIC PRESSURE: (A) 1589 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 51 PSI TO (C) 53 PSI
INITIAL CLOSED IN PERIOD MIN: 30 (D) 976 PSI
FINAL FLOW PERIOD MIN: 60 (E) 70 PSI TO (F) 76 PSI
FINAL CLOSED IN PERIOD MIN: 30 (G) 872 PSI
FINAL HYDROSTATIC PRESSURE (H) 1559 PSI

TKT # 10052

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