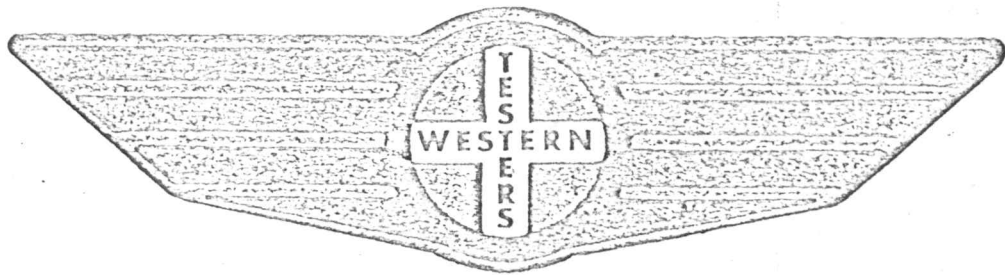


FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 7-9-85
CUSTOMER: RAINS & WILLIAMSON OIL CO INC
WELL: 1 TEST: 1
ELEVATION (KB): 1521 FORMATION: SQUIRREL SD
SECTION: 7 TOWNSHIP: 25S
RANGE: 8E COUNTY: BUTLER STATE: KANSAS
GAUGE SN #13266 RANGE: 4000 CLOCK: 12

INTERVAL TEST FROM: 2463 FT TO: 2508 FT TOTAL DEPTH: 2508 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 2463 FT SIZE: 6 3/4 IN PACKER DEPTH: 2458 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: R & W DRLG. RIG #4
MUD TYPE: CHEMICAL VISCOSITY: 37
WEIGHT: 9.1 WATER LOSS (CC): 10.8
CHLORIDES (P.P.M.): 900
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 120 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 2323 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 45 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: WEAK BLOW FOR 15 MINUTES.

RECOVERED: 30 FT OF: DRILLING MUD.
RECOVERED: FT OF: CHLORIDES 1000 PPM.
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

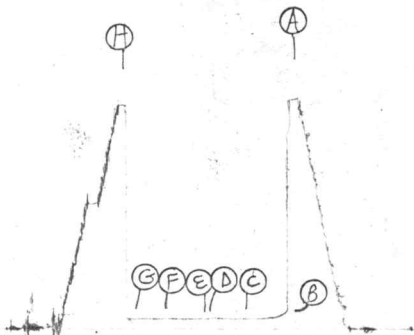
REMARKS: SLID TOOL 4 FEET TO BOTTOM.

TIME SET PACKER(S): 3:30 PM
WELL TEMPERATURE: 103 °F
INITIAL HYDROSTATIC PRESSURE:
INITIAL FLOW PERIOD MIN: 30
INITIAL CLOSED IN PERIOD MIN: 30
FINAL FLOW PERIOD MIN: 30
FINAL CLOSED IN PERIOD MIN: 30
FINAL HYDROSTATIC PRESSURE

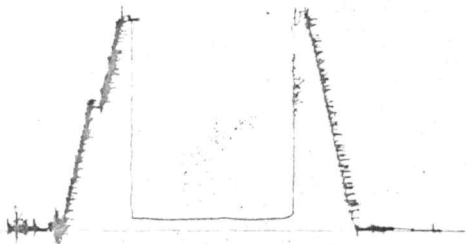
TIME STARTED OFF BOTTOM: 5:30 PM
(A) 1187 PSI
(B) 54 PSI TO (C) 54 PSI
(D) 58 PSI
(E) 55 PSI TO (F) 57 PSI
(G) 58 PSI
(H) 1161 PSI

TKT # 8182

I



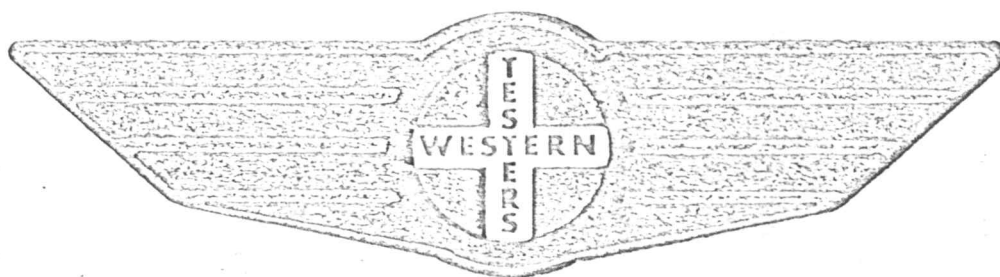
TKT # 8182



FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

Company RAINS & WILLIAMSON OIL CO. INC. Lease & Well No. #1 GUILFOYLE Sec. 7 Twp. 25S Rge. 8E Test No. 2 Date 7/10/85

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 7-10-85

TICKET #8183

CUSTOMER: RAINS & WILLIAMSON OIL CO INC

LEASE: GUILFOYLE

WELL: 1

TEST: 2

GEOLOGIST: D. CALLEWAERT

ELEVATION (KB): 1521

FORMATION: MISSISSIPPI

SECTION: 7

TOWNSHIP: 25S

RANGE: 8E

COUNTY: BUTLER

STATE: KANSAS

GAUGE SN #13266

RANGE: 4000

CLOCK: 12

INTERVAL TEST FROM: 2812 FT TO: 2828 FT TOTAL DEPTH: 2828 FT
DEPTH OF SELECTIVE ZONE: FT

PACKER DEPTH: 2812 FT SIZE: 6 3/4 IN PACKER DEPTH: 2807 FT SIZE: 6 3/4 IN

PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: R & W DRLG. RIG #4

MUD TYPE: CHEMICAL

VISCOSITY: 39

WEIGHT: 9.3

WATER LOSS (CC): 11.2

CHLORIDES (P.P.M.): 1100

JARS - MAKE:

SERIAL NUMBER:

DID WELL FLOW?

REVERSED OUT?

DRILL COLLAR LENGTH: 180 FT I.D.: 2.25 IN

WEIGHT PIPE LENGTH: FT I.D.: IN

DRILL PIPE LENGTH: 2612 FT I.D.: 3.8 IN

TEST TOOL LENGTH: 20 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:

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: MISRUN. TOOL WOULD NOT GO TO BOTTOM.
STOPPED 25 FEET OFF BOTTOM.
OUT OF HOLE AT 2:30 PM.

TIME SET PACKER(S):

TIME STARTED OFF BOTTOM:

WELL TEMPERATURE: 0 °F

INITIAL HYDROSTATIC PRESSURE:

(A) PSI

INITIAL FLOW PERIOD MIN: 0

(B) 0 PSI TO (C) 0 PSI

INITIAL CLOSED IN PERIOD MIN: 0

(D) 0 PSI

FINAL FLOW PERIOD MIN: 0

(E) 0 PSI TO (F) 0 PSI

FINAL CLOSED IN PERIOD MIN: 0

(G) 0 PSI

FINAL HYDROSTATIC PRESSURE

(H) PSI

TKT # 8183

I

2183

2183

2183



2183

2183

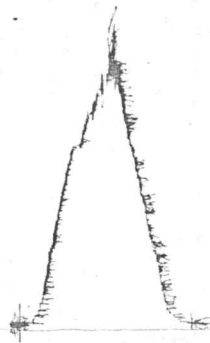
2183

2183

TKT # 8183



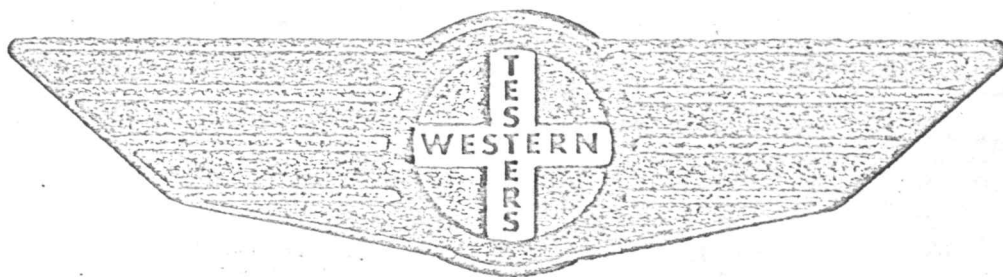
2163



FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 7-10-85
CUSTOMER: RAINS & WILLIAMSON OIL CO INC
WELL: 1 TEST: 3
ELEVATION (KB): 1521 FORMATION: MISSISSIPPI
SECTION: 7 TOWNSHIP: 25S
RANGE: 8E COUNTY: BUTLER STATE: KANSAS
GAUGE SN #13266 RANGE: 4000 CLOCK: 12

INTERVAL TEST FROM: 2812 FT TO: 2828 FT TOTAL DEPTH: 2828 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 2812 FT SIZE: 6 3/4 IN PACKER DEPTH: 2807 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: R & W DRLG. RIG #4
MUD TYPE: CHEMICAL VISCOSITY: 55
WEIGHT: 9.3 WATER LOSS (CC): 10.5
CHLORIDES (P.P.M.): 1100
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 180 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 2612 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 20 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: WEAK BLOW TO VERY WEAK BLOW THROUGHOUT TEST.

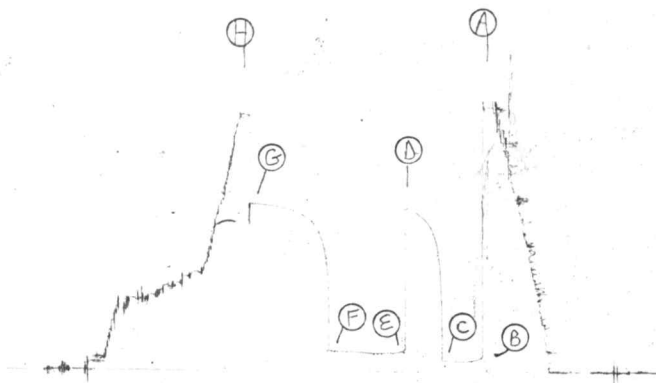
RECOVERED: 185 FT OF: SALT WATER
RECOVERED: FT OF: RESISITIVITY 28% AT 84 DEGREES.
RECOVERED: FT OF: CHLORIDES 20000 PPM.
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS: SLID TOOL 2 FEET TO BOTTOM.

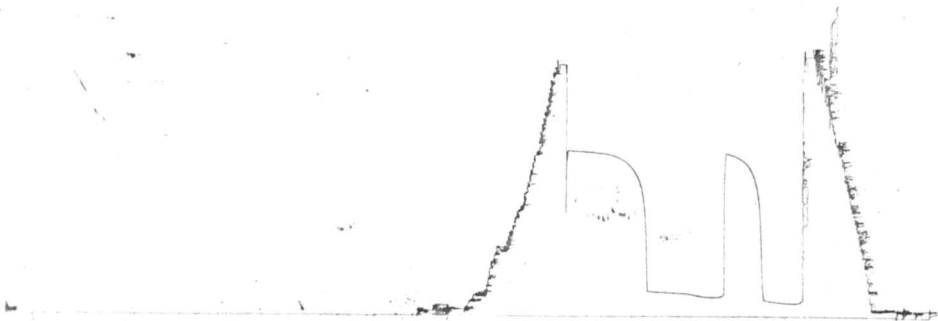
TIME SET PACKER(S): 9:45 PM TIME STARTED OFF BOTTOM: 12:45 AM
WELL TEMPERATURE: 109 'F
INITIAL HYDROSTATIC PRESSURE: (A) 1363 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 52 PSI TO (C) 53 PSI
INITIAL CLOSED IN PERIOD MIN: 30 (D) 846 PSI
FINAL FLOW PERIOD MIN: 55 (E) 93 PSI TO (F) 103 PSI
FINAL CLOSED IN PERIOD MIN: 60 (G) 869 PSI
FINAL HYDROSTATIC PRESSURE (H) 1329 PSI

TKT # 8184

I



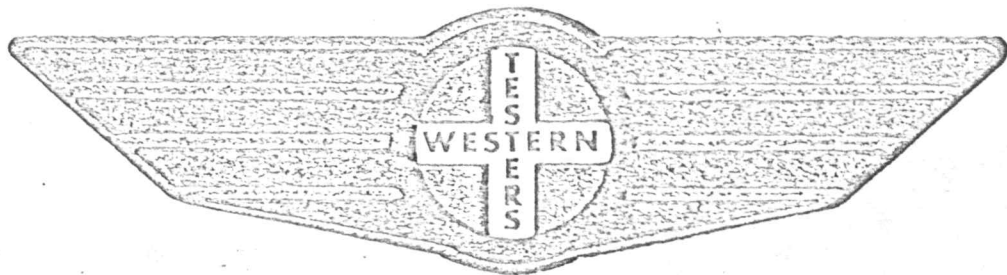
TKT # 8184



FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

Company RAINS & WILLIAMSON OIL Lease & Well No. #1 GUILFOYLE Sec. 7 Twp. 25S Rge. 8E Test No. 4 Date 7/12/85

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 7/12/85
CUSTOMER: RAINS & WILLIAMSON OIL CO INC
WELL: 1 TEST: 4
ELEVATION (KB): 1521 FORMATION: VIOLA
SECTION: 7 TOWNSHIP: 25S
RANGE: 8E COUNTY: BULTER STATE: KANSAS
GAUGE SN #13268 RANGE: 4200 CLOCK: 12

INTERVAL TEST FROM: 3097 FT TO: 3122 FT TOTAL DEPTH: 3122 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3097 FT SIZE: 6 3/4 IN PACKER DEPTH: 3092 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: RAINS & WILLIAMSON
MUD TYPE: CHEMICAL VISCOSITY: 40
WEIGHT: 9.3 WATER LOSS (CC): 11.6
CHLORIDES (P.P.M.): 1200
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? YES
DRILL COLLAR LENGTH: 180 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 2897 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 25 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: STRONG BLOW DIMINISHING TO A WEAK
BLOW AT THE END OF THE TEST.

RECOVERED: 150 FT OF: MUDDY SALT WATER.
RECOVERED: 2000 FT OF: SALT WATER.
RECOVERED: FT OF: RESISTIVITY .34 AT 82 DEGREES.
RECOVERED: FT OF: CHLORIDES 32000 PPM.
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS: READ OUTSIDE CHART.

TIME SET PACKER(S): 1:00 AM TIME STARTED OFF BOTTOM: 4:00 AM
WELL TEMPERATURE: 115 °F
INITIAL HYDROSTATIC PRESSURE: (A) 1555 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 224 PSI TO (C) 683 PSI
INITIAL CLOSED IN PERIOD MIN: 30 (D) 1036 PSI
FINAL FLOW PERIOD MIN: 55 (E) 750 PSI TO (F) 1012 PSI
FINAL CLOSED IN PERIOD MIN: 60 (G) 1046 PSI
FINAL HYDROSTATIC PRESSURE (H) 1519 PSI

PRESSURE DATA

CLOCK: 12

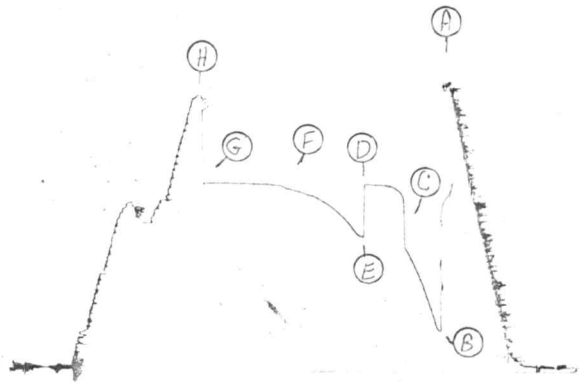
OPEN TOOL: 1:00 AM

FINAL CLOSED-IN PRESSURE: 60 MIN 60 MIN

PRESSURE BREAKDOWN

TKT #8185

0



TKT #8185
I

