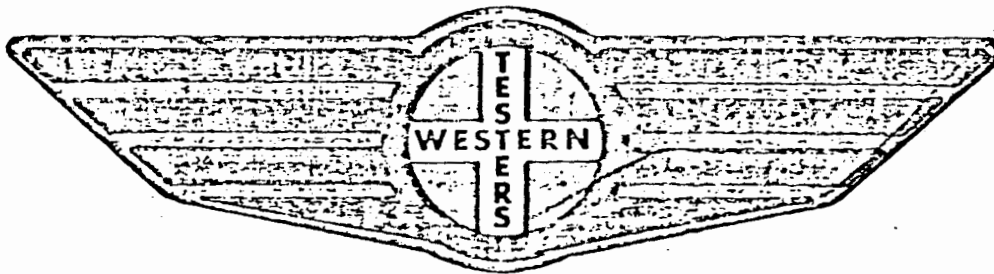


15-173-20611

13-295-1E

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 1/9/84
CUSTOMER: R.R. ABDERHALDEN
WELL: 1 TEST: 1
ELEVATION (KB): 1245 FORMATION: MISS.
SECTION: 13 TOWNSHIP: 29S
RANGE: 1E COUNTY: SEDGWICK STATE: KANSAS
GAUGE SN #2605 RANGE: 4150 CLOCK: 12

TICKET #3236
LEASE: LUSK
GEOLOGIST: HANCOCK

INTERVAL TEST FROM: 3099 FT TO: 3125 FT TOTAL DEPTH: 3125 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3098 FT SIZE: 6 3/4 IN PACKER DEPTH: 3093 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: RRH #1

MUD TYPE: CHEM VISCOSITY: 9.7
WEIGHT: 9.7 WATER LOSS (CC): 12.4

CHLORIDES (P.P.M.): 3000

JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? REVERSED OUT?

DRILL COLLAR LENGTH: 300 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 2778 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 26 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 XH IN

BLOW: INITIAL FLOW PERIOD WEAK BLOW DEAD
IN 15 MINUTES. FINAL FLOW PERIOD
WEAK BLOW THROUGHOUT.

RECOVERED: 20 FT OF: SLIGHTLY OIL CUT MUD.
RECOVERED: 60 FT OF: MUD CUT OIL. 55% OIL
RECOVERED: FT OF: CHLORIDES 3000 P.P.M.
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS:

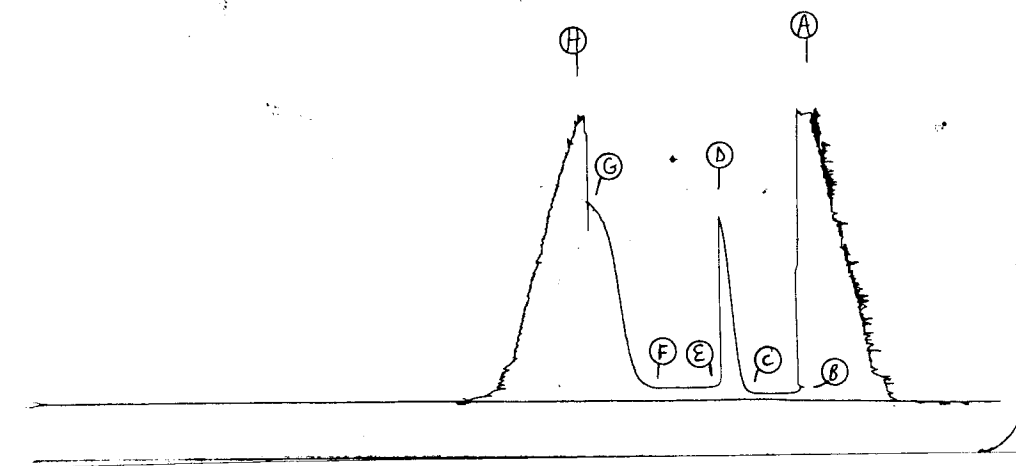
TIME SET PACKER(S): 12:01 P.M. TIME STARTED OFF BOTTOM: 2:46 P.M.
WELL TEMPERATURE: 107 °F
INITIAL HYDROSTATIC PRESSURE: (A) 1543 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 39 PSI TO (C) 39 PSI
INITIAL CLOSED IN PERIOD MIN: 30 (D) 992 PSI
FINAL FLOW PERIOD MIN: 45 (E) 70 PSI TO (F) 70 PSI
FINAL CLOSED IN PERIOD MIN: 54 (G) 1072 PSI
FINAL HYDROSTATIC PRESSURE (H) 1530 PSI

TKT # 3236

2605

DST# 1

I



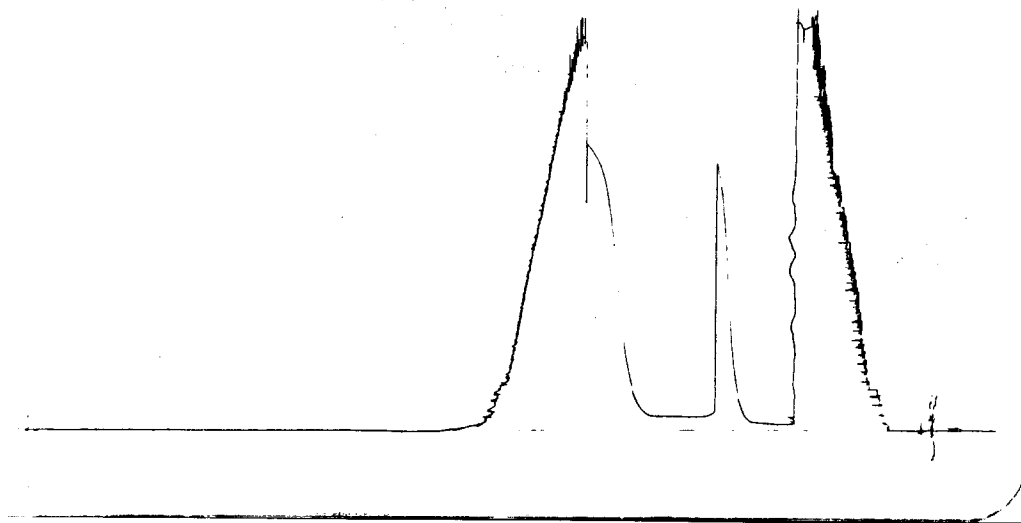
Inside Recorder

TKT # 3236

3474

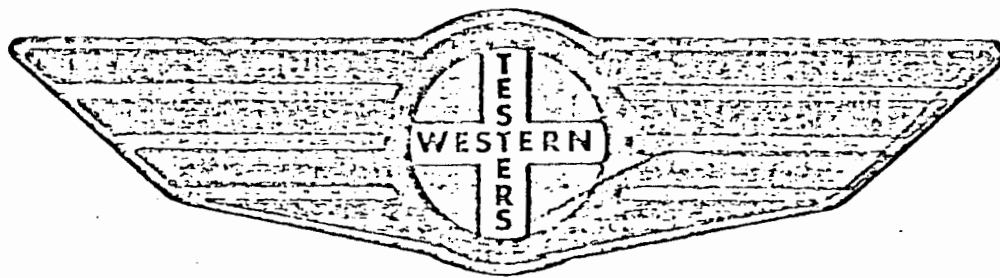
DST# 1

O



Outside Recorder

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

pany R. R. Abderhalden

Lease and Well No. #1 Lusk

Sec. 13 Twp. 29S Rge. 1E Test No. 2 Date 1/11/87

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 1/11/84
CUSTOMER: R.R. ABDERHALDEN
WELL: 1 TEST: 2
ELEVATION (KB): 1245 FORMATION: SIMPSON
SECTION: 13 TOWNSHIP: 29S
RANGE: 1E COUNTY: SEDGWICK STATE: KANSAS
GAUGE SN #2605 RANGE: 4150 CLOCK: 12

INTERVAL TEST FROM: 3476 FT TO: 3500 FT TOTAL DEPTH: 3500 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3476 FT SIZE: 6 3/4 IN PACKER DEPTH: 3471 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: R.R.A. #1
MUD TYPE: CHEM VISCOSITY: 45
WEIGHT: 9.6 WATER LOSS (CC): 12.4
CHLORIDES (P.P.M.): 3000
JARS - MAKE: NO SERIAL NUMBER: NO
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 300 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 3156 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 24 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 XH IN

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

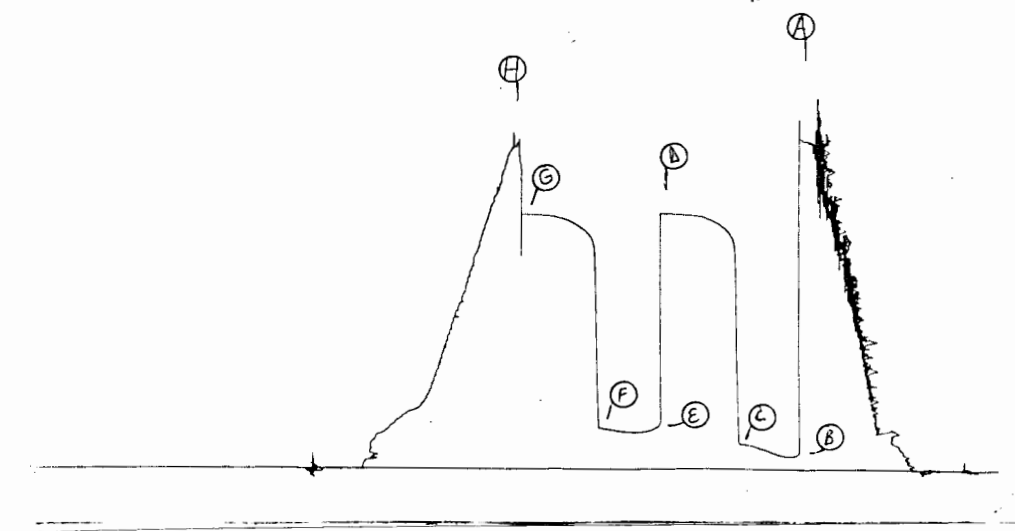
RECOVERED: 1140 FT OF: GAS ABOVE FLUID.
RECOVERED: 320 FT OF: FREE GASSY OIL.
RECOVERED: 300 FT OF: MUD CUT GASSY OIL.
RECOVERED: FT OF: 75% OIL; 15% MUD; 10% GAS.
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 1:55 P.M. TIME STARTED OFF BOTTOM: 5:25 P.M.
WELL TEMPERATURE: 121 °F
INITIAL HYDROSTATIC PRESSURE: (A) 1754 PSI
INITIAL FLOW PERIOD MIN: 45 (B) 70 PSI TO (C) 142 PSI
INITIAL CLOSED IN PERIOD MIN: 60 (D) 1376 PSI
FINAL FLOW PERIOD MIN: 45 (E) 202 PSI TO (F) 225 PSI
FINAL CLOSED IN PERIOD MIN: 60 (G) 1371 PSI
FINAL HYDROSTATIC PRESSURE (H) 1734 PSI

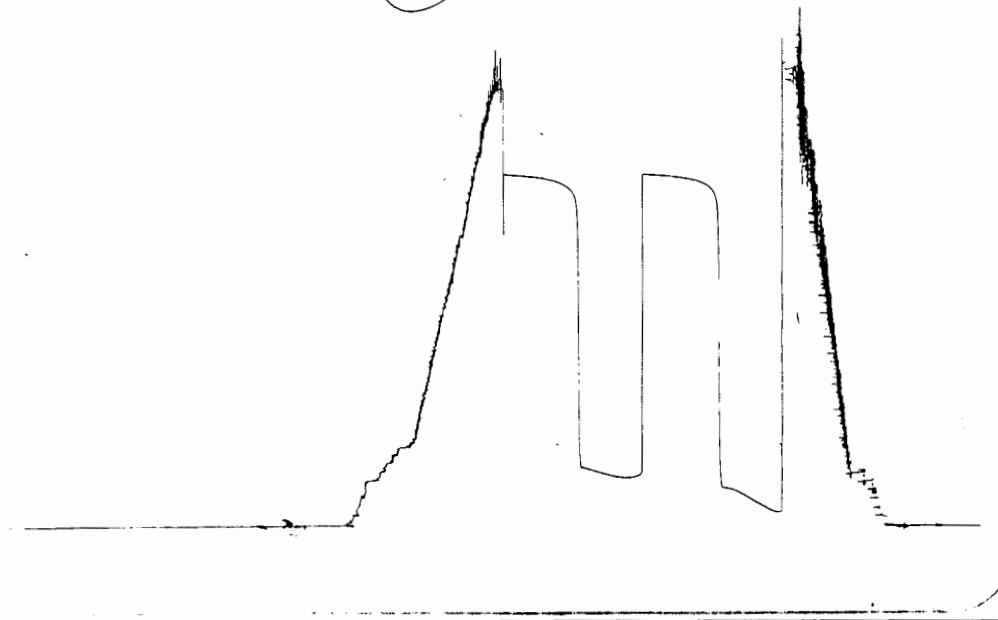
TKT # 3239
I

DST # 2
2605



Inside Recorder

TKT # 3239 3474
O DST # 2



Outside Recorder