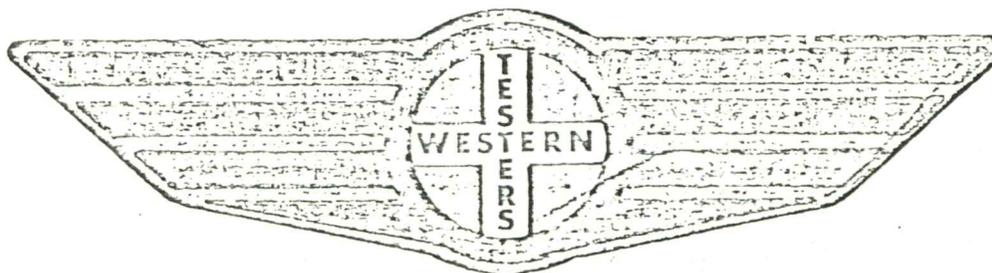


FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

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ADDITIONAL FBI CONSULT. INFO
Release and Well No.
T. L. LAWRENCE
Sec. 31 W.P. 273 R.R. L.S.W. 1951 No. 1
2000/11/14/09

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 1/14/84 TICKET #2691
CUSTOMER: A.P.C. LEASE: LAMBERT
WELL: 1 TEST: 1 GEOLOGIST: HARGIS
ELEVATION (KB): 0 FORMATION: MISS
SECTION: 31 TOWNSHIP: 29S
RANGE: 13W COUNTY: PRATT STATE: KANSAS
GAUGE SN #6077 RANGE: 4700 CLOCK: 12

INTERVAL TEST FROM: 4420 FT TO: 4459 FT TOTAL DEPTH: 4459 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4415 FT SIZE: 6 5/8 IN PACKER DEPTH: 4420 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: BERGMAN #1
MUD TYPE: CHEM VISCOSITY: 40
WEIGHT: 9.4 WATER LOSS (CC): 18.2
CHLORIDES (P.P.M.): 17000
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: FT I.D.: IN
WEIGHT PIPE LENGTH: 600 FT I.D.: 2.8 IN
DRILL PIPE LENGTH: 3797 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 23 FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 39 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: FAIR BLOW THROUGHOUT FLOW PERIODS.

RECOVERED: 180 FT OF: GAS ABOVE FLUID.
RECOVERED: 30 FT OF: GAS CUT MUD.
RECOVERED: FT OF:
RECOVERED: FT OF:

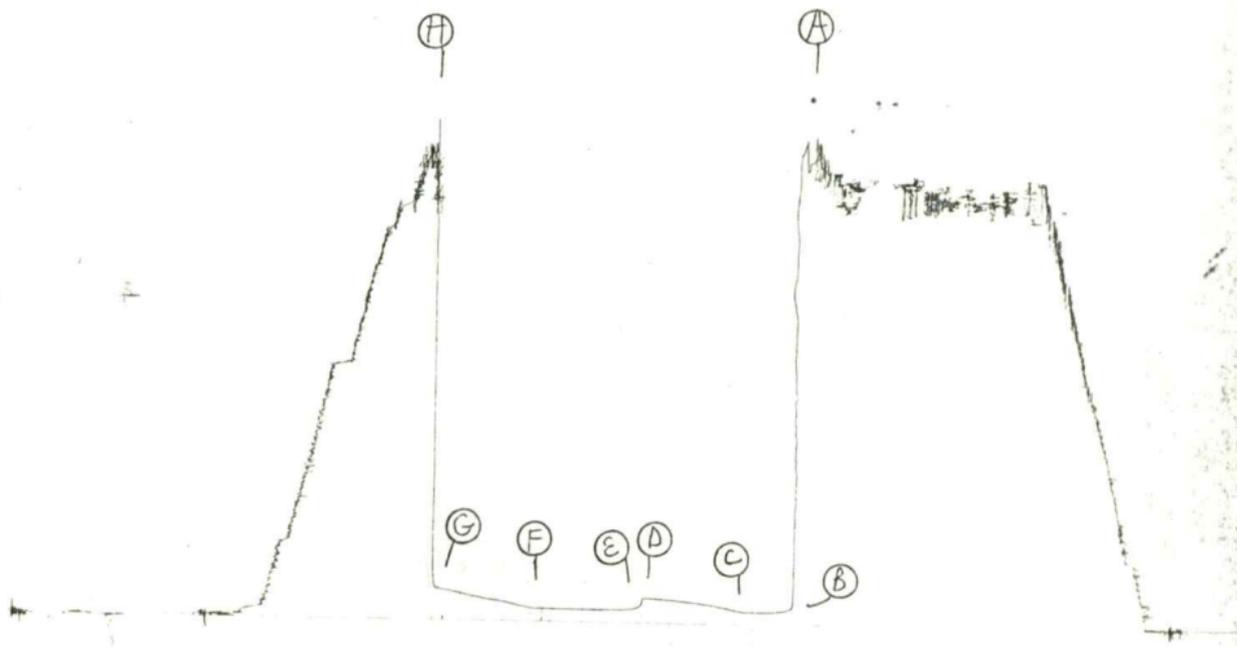
REMARKS:

TIME SET PACKER(S): 11:58 A.M. TIME STARTED OFF BOTTOM: 3:30 P.M.
WELL TEMPERATURE: 117 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2222 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 57 PSI TO (C) 57 PSI
INITIAL CLOSED IN PERIOD MIN: 54 (D) 119 PSI
FINAL FLOW PERIOD MIN: 60 (E) 61 PSI TO (F) 61 PSI
FINAL CLOSED IN PERIOD MIN: 57 (G) 155 PSI
FINAL HYDROSTATIC PRESSURE (H) 2213 PSI

TKT # 2691

6077

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TKT # 2691

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WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 1/17/84
CUSTOMER: APC INC.
WELL: 1
ELEVATION (KB): 1920
SECTION: 31
RANGE: 13W
GAUGE SN #6077

TEST: 2
COUNTY: PRATT
RANGE: 4700

TICKET #2692
LEASE: LAMBERT
GEOLOGIST: HARGIS
FORMATION: SIMPSON
TOWNSHIP: 29S
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 4600 FT TO: 4655 FT TOTAL DEPTH: 4780 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4595 FT SIZE: 6 5/8 IN PACKER DEPTH: 4600 FT SIZE: 6 5/8 IN
PACKER DEPTH: 4655 FT SIZE: 6 5/8 IN PACKER DEPTH: 4660 FT SIZE: 6 5/8 IN

DRILLING CONTRACTOR: BERGMAN DRLG
MUD TYPE: CHEMICAL VISCOSITY: 48
WEIGHT: 9.5 WATER LOSS (CC): 17.0
CHLORIDES (P.P.M.): 15000
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: FT I.D.: IN
WEIGHT PIPE LENGTH: 360 FT I.D.: 2.8 IN
DRILL PIPE LENGTH: 4342 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 23 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 55 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
DECREASING THROUGHOUT.
FINAL FLOW PERIOD VERY WEAK BLOW
DECREASING THROUGHOUT.

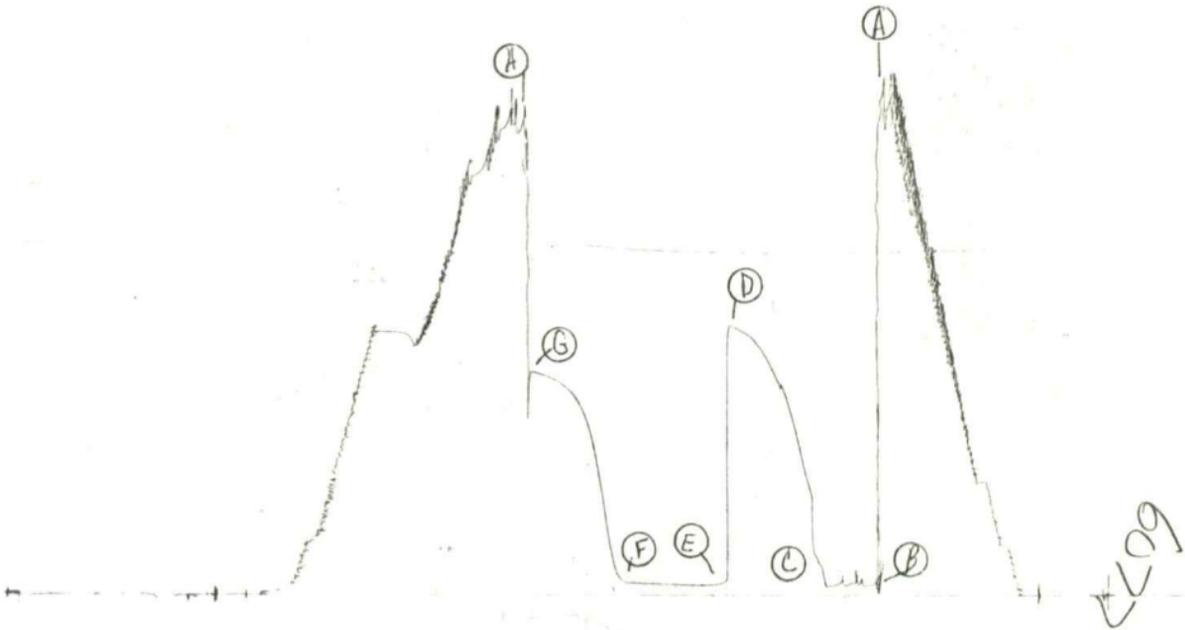
RECOVERED: 65 FT OF: DRILLING MUD.
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS: PLUGGING ACTION ON INITIAL FLOW PERIOD.

TIME SET PACKER(S): 1:28 PM TIME STARTED OFF BOTTOM: 5:00 PM
WELL TEMPERATURE: 125 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2366 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 47 PSI TO (C) 47 PSI
INITIAL CLOSED IN PERIOD MIN: 57 (D) 1295 PSI
FINAL FLOW PERIOD MIN: 60 (E) 50 PSI TO (F) 61 PSI
FINAL CLOSED IN PERIOD MIN: 57 (G) 1076 PSI
FINAL HYDROSTATIC PRESSURE (H) 2316 PSI

TKT # 2692

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TKT # 2692

below straddle



TKT. # 2692

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