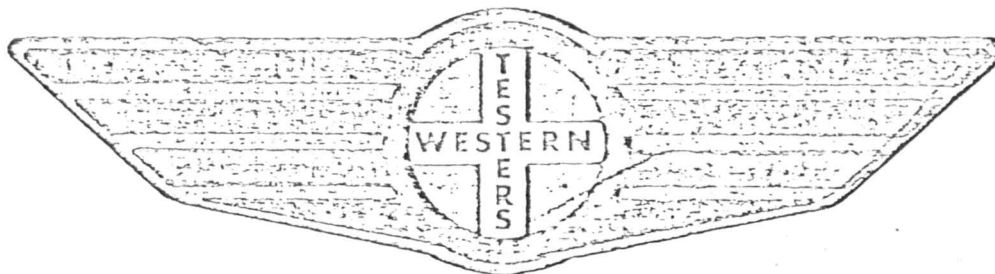


FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 1/19/85
CUSTOMER: PETROLEUM ENERGY INC.
WELL: 1 TEST: 1
ELEVATION (KB): 1835 FORMATION: SIM SAND & ARB
SECTION: 27 TOWNSHIP: 16S
RANGE: 10W COUNTY: ELLSWORTH STATE: KS
GAUGE SN #10980 RANGE: 4200 CLOCK: 12

INTERVAL TEST FROM: 3264 FT TO: 3297 FT TOTAL DEPTH: 3297 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3259 FT SIZE: 6 5/8 IN PACKER DEPTH: 3264 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: WHITE & ELLIS
MUD TYPE: STARCH VISCOSITY: 44
WEIGHT: 9.8 WATER LOSS (CC): 12.8
CHLORIDES (P.P.M.): 60000
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 330 FT I.D.: 2.2 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 2913 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 21 FT TOOL SIZE: 5 1/2 IN
ANCHOR LENGTH: 33 FT SIZE: 5 1/2 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 STRONG BLOW (3" IN BUCKET)
BUILD TO STRONG OFF BOTTOM OF BUCKET IN 3 MINUTES
FINAL FLOW PERIOD FAIR BLOW (2" IN BUCKET) BUILD
TO STRONG OFF BOTTOM OF BUCKET IN 5 MINUTES

RECOVERED: 40 FT OF: GAS IN PIPE
RECOVERED: 520 FT OF: SLIGHTLY GASSY OIL & MUD CUT OIL
RECOVERED: FT OF: (35% OIL; 5% GAS; 50% WATER; 10% MUD)
RECOVERED: 450 FT OF: CLEAN OIL & GAS CUT WATER
RECOVERED: FT OF: (30% OIL; 20% GAS; 50% WATER)
RECOVERED: 390 FT OF: SLIGHTLY OIL CUT WATER
RECOVERED: FT OF: (5% OIL; 95% WATER)
RECOVERED: FT OF:
RECOVERED: FT OF:

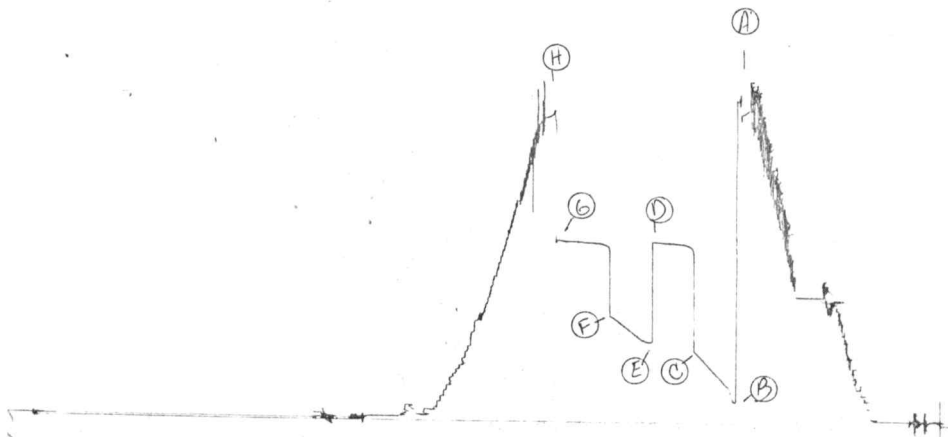
REMARKS: CHLORIDES 20000 P.P.M.

TIME SET PACKER(S): 5:52 PM TIME STARTED OFF BOTTOM: 7:52 PM
WELL TEMPERATURE: 116 °F
INITIAL HYDROSTATIC PRESSURE: (A) 1774 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 118 PSI TO (C) 395 PSI
INITIAL CLOSED IN PERIOD MIN: 30 (D) 998 PSI
FINAL FLOW PERIOD MIN: 30 (E) 443 PSI TO (F) 581 PSI
FINAL CLOSED IN PERIOD MIN: 39 (G) 1004 PSI
FINAL HYDROSTATIC PRESSURE (H) 1727 PSI

TRT # 6005

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TKT # 6005.
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