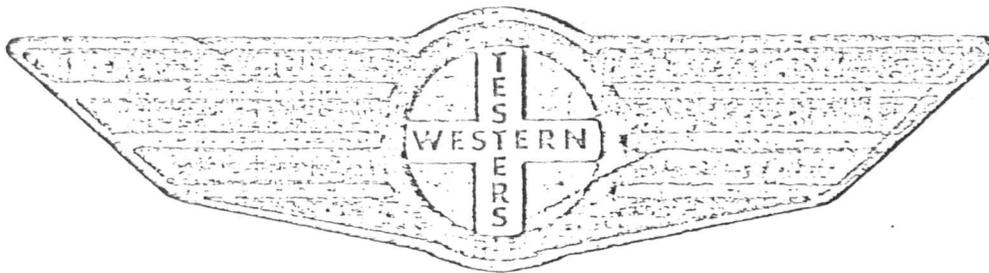


FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY \_\_\_\_\_  
PETROLEUM ENERGY, INC. \_\_\_\_\_  
Lease and Well No. #1 VULVUARD \_\_\_\_\_  
Sec. \_\_\_\_\_  
TWP, TOS Rge. \_\_\_\_\_  
LUM TEST NO. 1 \_\_\_\_\_  
DATE 11/23/03

WESTERN TESTING COMPANY INC.  
SUBSURFACE PRESSURE SURVEY

DATE: 1/25/85  
CUSTOMER: PETROLEUM ENERGY INC.  
WELL: 1 TEST: 1  
ELEVATION (KB): 1776 FORMATION: ARBUCKLE  
SECTION: 5 TOWNSHIP: 18S  
RANGE: 10W COUNTY: RICE STATE: KS  
GAUGE SN #1563 RANGE: 4200 CLOCK: 12

INTERVAL TEST FROM: 3176 FT TO: 3211 FT TOTAL DEPTH: 3211 FT  
DEPTH OF SELECTIVE ZONE: FT  
PACKER DEPTH: 3171 FT SIZE: 6 5/8 IN PACKER DEPTH: 3176 FT SIZE: 6 5/8 IN  
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: WHITE & ELLIS  
MUD TYPE: STARCH VISCOSITY: 36  
WEIGHT: 9.4 WATER LOSS (CC): 12.4  
CHLORIDES (P.P.M.): 54000  
JARS - MAKE: SERIAL NUMBER:  
DID WELL FLOW? YES REVERSED OUT? NO  
DRILL COLLAR LENGTH: 60 FT I.D.: 2.7 IN  
WEIGHT PIPE LENGTH: FT I.D.: IN  
DRILL PIPE LENGTH: 3095 FT I.D.: 3.8 IN  
TEST TOOL LENGTH: 21 FT TOOL SIZE: 5 1/2 OD IN  
ANCHOR LENGTH: 35 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 STRONG  
FINAL FLOW PERIOD STRONG

RECOVERED: 1020 FT OF: WATERY OIL (50% OIL; 50% WATER)  
RECOVERED: 840 FT OF: OILY WATER (40% OIL; 60% WATER)  
RECOVERED: 240 FT OF: WATER W/TRACE OF OIL (2% OIL)  
RECOVERED: FT OF:  
RECOVERED: FT OF:

REMARKS: CHLORIDES 48000 P.P.M.  
-2100' TOTAL

TIME SET PACKER(S): 3:14 AM TIME STARTED OFF BOTTOM: 5:15 AM  
WELL TEMPERATURE: 115 °F  
INITIAL HYDROSTATIC PRESSURE: (A) 1656 PSI  
INITIAL FLOW PERIOD MIN: 30 (B) 232 PSI TO (C) 730 PSI  
INITIAL CLOSED IN PERIOD MIN: 30 (D) 987 PSI  
FINAL FLOW PERIOD MIN: 30 (E) 802 PSI TO (F) 938 PSI  
FINAL CLOSED IN PERIOD MIN: 30 (G) 995 PSI  
FINAL HYDROSTATIC PRESSURE (H) 1618 PSI

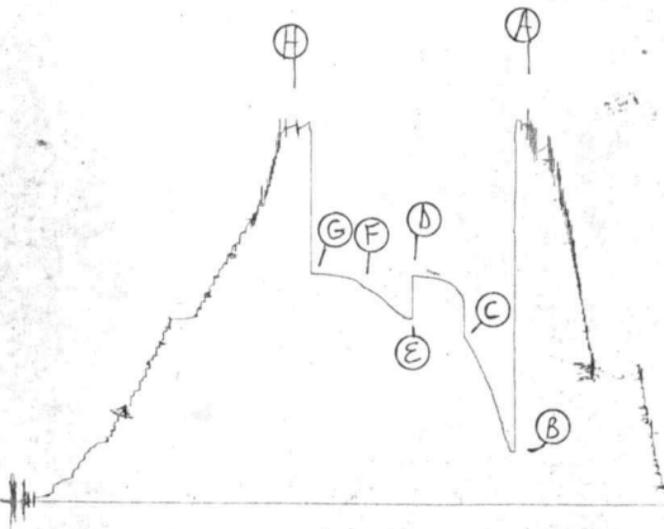


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