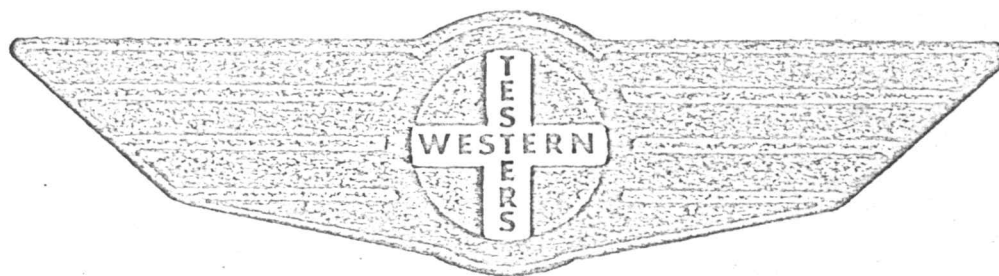


FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 7-3-85
CUSTOMER: PETROLEUM ENERGY INC.
WELL: 1 TEST: 1
ELEVATION (KB): 1606 FORMATION: ARBUCKLE
SECTION: 19 TOWNSHIP: 16S
RANGE: 13W COUNTY: BARTON STATE: KANSAS
GAUGE SN #1563 RANGE: 4200 CLOCK: 12

INTERVAL TEST FROM: 3355 FT TO: 3382 FT TOTAL DEPTH: 3382 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3350 FT SIZE: 6 5/8 IN PACKER DEPTH: 3355 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: WHITE & ELLIS RIG 10
MUD TYPE: STARCH VISCOSITY: 37
WEIGHT: 9.9 WATER LOSS (CC): 16.0
CHLORIDES (P.P.M.): 68000
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? YES REVERSED OUT? NO
DRILL COLLAR LENGTH: 300 FT I.D.: 2.7 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 3034 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 21 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 27 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 BLOW.
FINAL FLOW PERIOD GOOD BLOW
DECREASING TO FAIR BLOW BY END
OF SECOND OPENING.

RECOVERED: 855 FT OF: OIL CUT MUDDY WATER
RECOVERED: FT OF: (20% OIL; 10% MUD; 70% WATER).
RECOVERED: 1425 FT OF: OILY WATER (20% OIL; 80% WATER).
RECOVERED: FT OF: CHLORIDES 54000 PPM.
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS: CHANGED OIL IN DRAWWORKS;
HAD WRONG FILTERS;
MTRS. ON FINAL FLOW AND FINAL
SHUT-IN.

TIME SET PACKER(S): 8:13 AM TIME STARTED OFF BOTTOM: 10:25 AM
WELL TEMPERATURE: 115 °F
INITIAL HYDROSTATIC PRESSURE: (A) 1797 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 168 PSI TO (C) 871 PSI
INITIAL CLOSED IN PERIOD MIN: 30 (D) 991 PSI
FINAL FLOW PERIOD MIN: 35 (E) 956 PSI TO (F) 999 PSI
FINAL CLOSED IN PERIOD MIN: 33 (G) 1002 PSI
FINAL HYDROSTATIC PRESSURE (H) 1776 PSI

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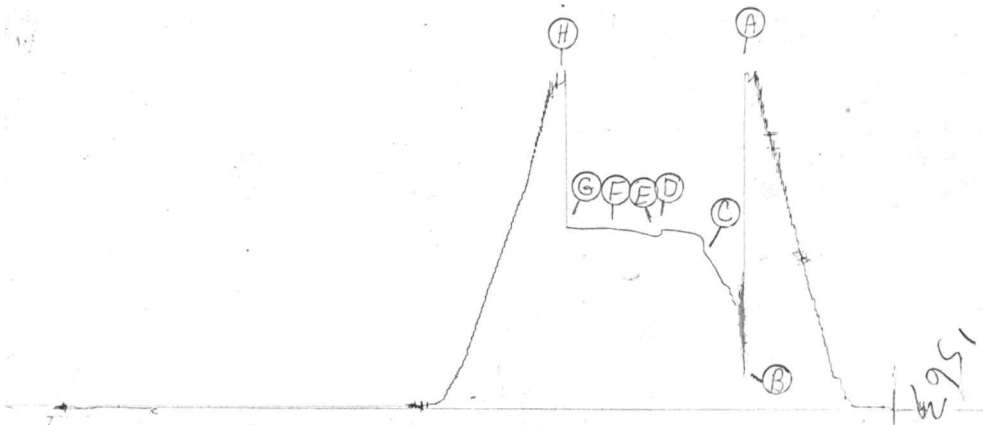
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G F E D

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