

WESTERN TESTING COMPANY
SUBSURFACE PRESSURE SURVEY

DATE: 5/20/83 TICKET #18531
 CUSTOMER: BLACKBIRD OIL COMPANY LEASE: SPECE
 WELL: 1 TEST: 1 GEOLOGIST: DAVID P WILLIAMS
 ELEVATION (KB): 1802 FORMATION: ARBUCKLE
 SECTION: 24 TOWNSHIP: 20S
 RANGE: 12W COUNTY: BARTON STATE: KANSAS
 GAUGE SN #1563 RANGE: 4200 CLOCK: 12

INTERVAL TEST FROM: 3305 FT TO: 3321 FT TOTAL DEPTH: 3321 FT
 DEPTH OF SELECTIVE ZONE: FT
 PACKER DEPTH: 3300 FT SIZE: 6 5/8 IN PACKER DEPTH: 3305 FT SIZE: 6 5/8 IN
 PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: ALLEN DRLG
 MUD TYPE: STSALTCLAY VISCOSITY: 47
 WEIGHT: 9.7 WATER LOSS (CC): 9.0
 CHLORIDES (P.P.M.): 55000
 JARS - MAKE: SERIAL NUMBER:
 DID WELL FLOW? NO REVERSED OUT? YES
 DRILL COLLAR LENGTH: FT I.D.: IN
 WEIGHT PIPE LENGTH: FT I.D.: IN
 DRILL PIPE LENGTH: 3282 FT I.D.: 3.8 IN
 TEST TOOL LENGTH: 23 FT TOOL SIZE: 5 1/2 OD IN
 ANCHOR LENGTH: 16 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 FH IN

BLOW: STRONG BLOW THROUGHOUT TEST.

RECOVERED: 1500 FT OF: OIL CUT WATER
 RECOVERED: FT OF: TOP - 5% GAS; 11% OIL; 2% MUD; 82% WATER
 RECOVERED: FT OF: MIDDLE- 3% GAS; 10% OIL; 2% MUD; 85% WATER
 RECOVERED: FT OF: BOTTOM- 1% OIL; 99% WATER
 RECOVERED: FT OF:
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REMARKS: SLID TOOL 18 FT. TO BOTTOM.
 CHLORIDES 41000 PPM

TIME SET PACKER(S): 6:50 AM TIME STARTED OFF BOTTOM: 8:50 AM
 WELL TEMPERATURE: 114 °F
 INITIAL HYDROSTATIC PRESSURE: (A) 1833 PSI
 INITIAL FLOW PERIOD MIN: 30 (B) 138 PSI TO (C) 441 PSI
 INITIAL CLOSED IN PERIOD MIN: 30 (D) 1110 PSI
 FINAL FLOW PERIOD MIN: 35 (E) 446 PSI TO (F) 702 PSI
 FINAL CLOSED IN PERIOD MIN: 30 (G) 1107 PSI
 FINAL HYDROSTATIC PRESSURE (H) 1808 PSI

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