

WESTERN TESTING CO. INC.  
SUBSURFACE PRESSURE SURVEY

DATE: 8/2/83  
CUSTOMER: RANGE OIL COMPANY INC.  
WELL: 1 TEST: 1  
ELEVATION (KB): 1423 FORMATION: KANSAS CITY-HERTHA  
SECTION: 29 TOWNSHIP: 29S  
RANGE: 8E COUNTY: BUTLER STATE: KANSAS  
GAUGE SN #2605 RANGE: 4150 CLOCK: 12

INTERVAL TEST FROM: 2116 FT TO: 2154 FT TOTAL DEPTH: 2154 FT  
DEPTH OF SELECTIVE ZONE: FT  
PACKER DEPTH: 2116 FT SIZE: 6 3/4 IN Packer DEPTH: 2111 FT SIZE: 6 3/4 IN  
PACKER DEPTH: FT SIZE: IN Packer DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: RANGE  
MUD TYPE: CHEMICAL VISCOSITY: 37  
WEIGHT: 9.5 WATER LOSS (CC): 13.6  
CHLORIDES (P.P.M.): 1400  
JARS - MAKE: NO SERIAL NUMBER:  
DID WELL FLOW? NO REVERSED OUT? NO  
DRILL COLLAR LENGTH: 120 FT I.D.: IN  
WEIGHT PIPE LENGTH: FT I.D.: IN  
DRILL PIPE LENGTH: 1876 FT I.D.: IN  
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 IN  
ANCHOR LENGTH: 38 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 VERY WEAK  
BLOW THROUGHOUT.  
FINAL FLOW PERIOD WEAK BLOW.

RECOVERED: 70 FT OF: MUDDY SALTWATER  
RECOVERED: FT OF: CHLORIDES 18000 PPM  
RECOVERED: FT OF:  
RECOVERED: FT OF:  
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RECOVERED: FT OF:  
RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 7:00 TIME STARTED OFF BOTTOM: 10:00  
WELL TEMPERATURE: 93 'F  
INITIAL HYDROSTATIC PRESSURE: (A) 1030 PSI  
INITIAL FLOW PERIOD MIN: 35 (B) 36 PSI TO (C) 36 PSI  
INITIAL CLOSED IN PERIOD MIN: 27 (D) 629 PSI  
FINAL FLOW PERIOD MIN: 60 (E) 52 PSI TO (F) 52 PSI  
FINAL CLOSED IN PERIOD MIN: 57 (G) 649 PSI  
FINAL HYDROSTATIC PRESSURE (H) 1030 PSI

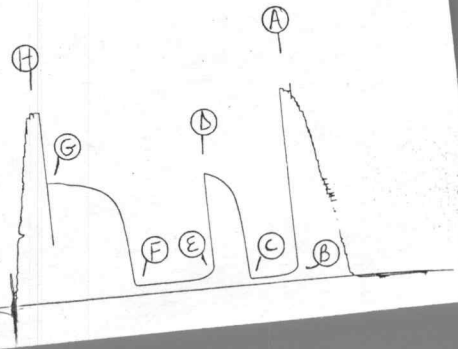


TKT # 2372

2605

DST # 237

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WESTERN TESTING CO. INC.  
SUBSURFACE PRESSURE SURVEY

DATE: 8/3/83  
CUSTOMER: RANGE OIL COMPANY INC.  
WELL: 1 TEST: 2  
ELEVATION (KB): 1423 FORMATION: SQUIRREL  
SECTION: 29 TOWNSHIP: 29S  
RANGE: 8E COUNTY: BUTLER STATE: KANSAS  
GAUGE SN #2605 RANGE: 4150 CLOCK: 12

TICKET #2373  
LEASE: FOX  
GEOLOGIST: OLSEN

INTERVAL TEST FROM: 2450 FT TO: 2525 FT TOTAL DEPTH: 2525 FT  
DEPTH OF SELECTIVE ZONE: FT  
PACKER DEPTH: 2450 FT SIZE: 6 3/4 IN PACKER DEPTH: 2445 FT SIZE: 6 3/4 IN  
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: RANGE  
MUD TYPE: CHEMICAL VISCOSITY: 41  
WEIGHT: 9.3 WATER LOSS (CC): 12.0  
CHLORIDES (P.P.M.): 1200

JARS - MAKE: NO SERIAL NUMBER:  
DID WELL FLOW? NO REVERSED OUT? NO

DRILL COLLAR LENGTH: 30 FT I.D.: IN  
WEIGHT PIPE LENGTH: FT I.D.: IN  
DRILL PIPE LENGTH: 2400 FT I.D.: IN  
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 IN  
ANCHOR LENGTH: 75 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 WEAK BLOW-  
DIED IN 20 MINUTES.  
FINAL FLOW PERIOD NO BLOW.

RECOVERED: 5 FT OF: MUD  
RECOVERED: FT OF:  
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RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 12:40

TIME STARTED OFF BOTTOM: 3:10

WELL TEMPERATURE: 99 °F  
INITIAL HYDROSTATIC PRESSURE: (A) 1218 PSI  
INITIAL FLOW PERIOD MIN: 30 (B) 22 PSI TO (C) 22 PSI  
INITIAL CLOSED IN PERIOD MIN: 30 (D) 22 PSI  
FINAL FLOW PERIOD MIN: 30 (E) 22 PSI TO (F) 22 PSI  
FINAL CLOSED IN PERIOD MIN: 57 (G) 22 PSI  
FINAL HYDROSTATIC PRESSURE (H) 1218 PSI



TKT # 2373

2605  
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