

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 8-31-83 TICKET #15523
CUSTOMER: KA-TEX ENERGIES LEASE: GRIER
WELL: 1 TEST: 1 GEOLOGIST: DILTS
ELEVATION (KB): 1751 FORMATION: MISSISSIPPIAN
SECTION: 30 TOWNSHIP: 27S
RANGE: 11W COUNTY: PRATT STATE: KS.
GAUGE SN #10266 RANGE: 4775 CLOCK: 12

INTERVAL TEST FROM: 4058 FT TO: 4094 FT TOTAL DEPTH: 4094 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4053 FT SIZE: 6 5/8 IN PACKER DEPTH: 4058 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: GABBERT & JONES
MUD TYPE: SALGELSTA VISCOSITY: 35
WEIGHT: 9.6 WATER LOSS (CC): 17.6
CHLORIDES (P.P.M.): 44000
JARS - MAKE: WTC SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 526 FT I.D.: 2 1/4 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 3504 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 28 FT TOOL SIZE: 5 1/2 IN
ANCHOR LENGTH: 36 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 FH IN

BLOW: WEAK BUILDING TO 10" ON FIRST OPENING. WEAK
BUILDING TO 8" ON SECOND OPENING.

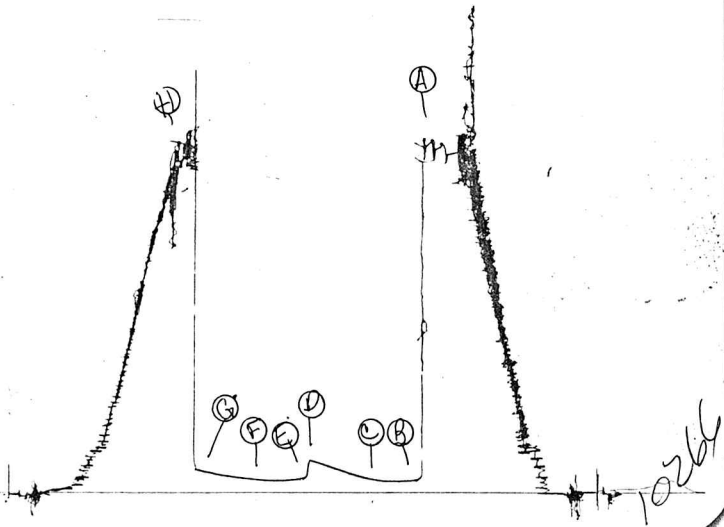
RECOVERED: 120 FT OF: GAS IN PIPE.
RECOVERED: 100 FT OF: SLIGHT GAS CUT MUD. CHLORIDES 46000 PPM
RECOVERED: FT OF:
RECOVERED: FT OF:
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REMARKS:

TIME SET PACKER(S): 2:52 PM TIME STARTED OFF BOTTOM: 5:52
WELL TEMPERATURE: 116 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2147 PSI
INITIAL FLOW PERIOD MIN: 25 (B) 90 PSI TO (C) 69 PSI
INITIAL CLOSED IN PERIOD MIN: 57 (D) 198 PSI
FINAL FLOW PERIOD MIN: 30 (E) 98 PSI TO (F) 74 PSI
FINAL CLOSED IN PERIOD MIN: 54 (G) 143 PSI
FINAL HYDROSTATIC PRESSURE (H) 2133 PSI

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WESTERN CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 9-1-83 TICKET #15524
CUSTOMER: KA-TEX ENERGIES LEASE: GRIER
WELL: 1 TEST: 2 GEOLOGIST: DILTS
ELEVATION (KB): 1751 FORMATION: VIOLA
SECTION: 30 TOWNSHIP: 27S
RANGE: 11W COUNTY: PRATT STATE: KS.
GAUGE SN #10266 RANGE: 4775 CLOCK: 12

INTERVAL TEST FROM: 4278 FT TO: 4285 FT TOTAL DEPTH: 4285 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4275 FT SIZE: 6 5/8 IN PACKER DEPTH: 4278 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: GABBERT & JONES
MUD TYPE: SAGELSTA VISCOSITY: 40
WEIGHT: 9.6 WATER LOSS (CC): 19.2
CHLORIDES (P.P.M.): 58000
JARS - MAKE: WTC SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 526 FT I.D.: 2 1/4 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 3824 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 28 FT TOOL SIZE: 5 1/2 IN
ANCHOR LENGTH: 7 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 FH IN

BLOW: INITIAL FLOW PERIOD VERY SLIGHT BLOW.
FINAL FLOW PERIOD SLIGHT BLOW
BUILDING TO GOOD BLOW.

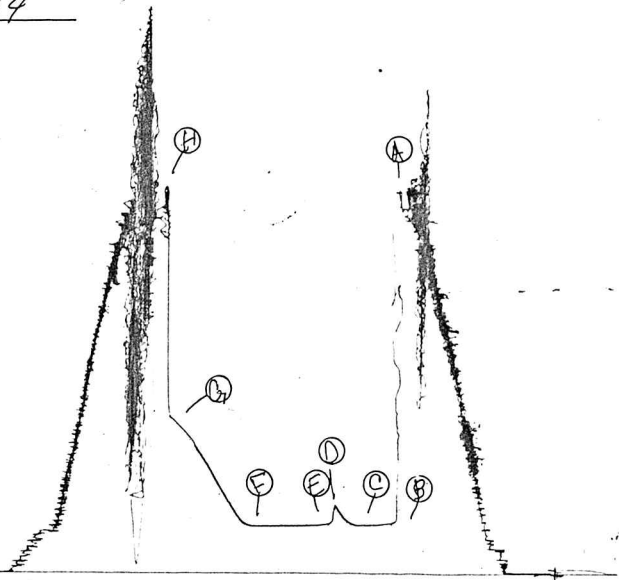
RECOVERED: 470 FT OF: SLIGHTLY GAS CUT DRILLING MUD
RECOVERED: FT OF: CHLORIDES 58000 PPM
RECOVERED: FT OF:
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REMARKS:

TIME SET PACKER(S): 1:10 AM TIME STARTED OFF BOTTOM: 4:00 AM
WELL TEMPERATURE: 0 'F
INITIAL HYDROSTATIC PRESSURE: (A) 2225 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 312 PSI TO (C) 290 PSI
INITIAL CLOSED IN PERIOD MIN: 18 (D) 417 PSI
FINAL FLOW PERIOD MIN: 60 (E) 298 PSI TO (F) 288 PSI
FINAL CLOSED IN PERIOD MIN: 60 (G) 946 PSI
FINAL HYDROSTATIC PRESSURE (H) 2211 PSI

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WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 9-1-83
CUSTOMER: KA-TEX ENERGIES
WELL: 1 TEST: 3
ELEVATION (KB): 1751 FORMATION: VIOLA
SECTION: 30 TOWNSHIP: 27S
RANGE: 11W COUNTY: PRATT STATE: KS
GAUGE SN #10266 RANGE: 4775 CLOCK: 12

TICKET #15525
LEASE: GRIER
GEOLOGIST: DILTS

INTERVAL TEST FROM: 4279 FT TO: 4298 FT TOTAL DEPTH: 4298 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4276 FT SIZE: 6 5/8 IN PACKER DEPTH: 4279 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: GABBERT & JONES
MUD TYPE: SAGELSTA VISCOSITY: 39
WEIGHT: 9.6+ WATER LOSS (CC): 20.4
CHLORIDES (P.P.M.): 58000

JARS - MAKE: WTC SERIAL NUMBER: 3922
DID WELL FLOW? NO REVERSED OUT?

DRILL COLLAR LENGTH: 526 FT I.D.: 2 1/4 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 3825 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 28 FT TOOL SIZE: 5 1/2 IN
ANCHOR LENGTH: 19 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 FH IN

BLOW: GOOD BLOW ON THE FIRST OPENING.
GOOD BLOW ON THE SECOND OPENING.

RECOVERED: 50 FT OF: SLIGHTLY GAS CUT MUD W/TRACE OF OIL.
RECOVERED: 240 FT OF: GAS CUT MUDDY OIL
RECOVERED: FT OF: (60% OIL; 30% MUD; 10% WTR)
RECOVERED: FT OF:
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RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 2:55 PM
WELL TEMPERATURE: 124 °F
INITIAL HYDROSTATIC PRESSURE:
INITIAL FLOW PERIOD MIN: 30
INITIAL CLOSED IN PERIOD MIN: 60
FINAL FLOW PERIOD MIN: 30
FINAL CLOSED IN PERIOD MIN: 87
FINAL HYDROSTATIC PRESSURE

TIME STARTED OFF BOTTOM: 6:25 PM

(A) 2265 PSI
(B) 62 PSI TO (C) 69 PSI
(D) 1142 PSI
(E) 100 PSI TO (F) 105 PSI
(G) 1211 PSI
(H) 2249 PSI

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