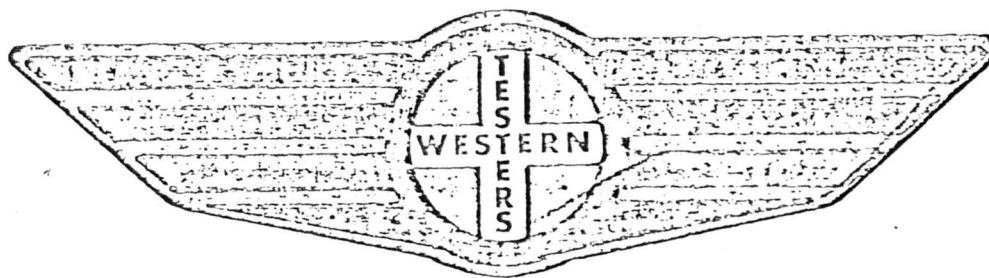


FORMATION

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Home Office:

Wichita, Kansas 67201

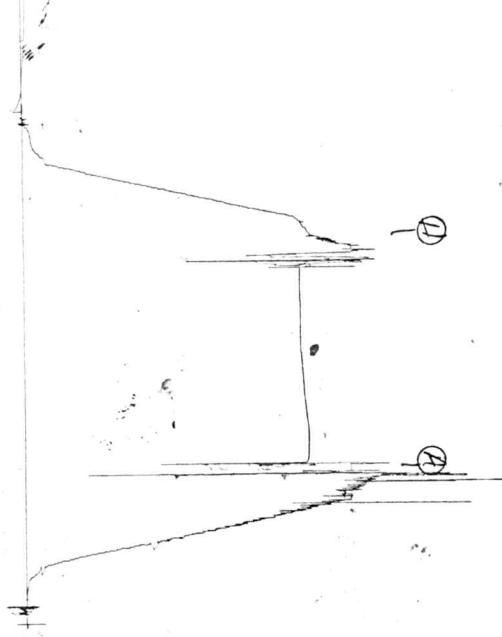
P.O. Box 1599

Phone (316) 262-5861

2666 DST#1

Wt # 7299

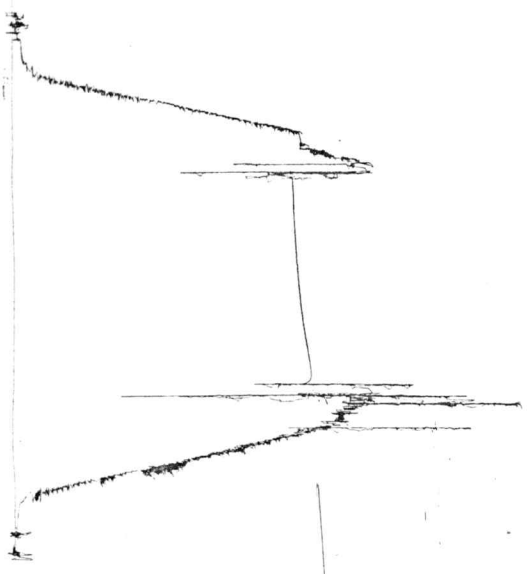
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13267 DST#1

Wt # 7299

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WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 12/22/84
CUSTOMER: KAN-EX INC.
WELL: 1-24
ELEVATION (KB): 1808
SECTION: 24
RANGE: 11W
GAUGE SN #2606

TEST: 1
COUNTY: BARBER
RANGE: 4150

TICKET #7299
LEASE: DOUTHETT
GEOLOGIST: SCHWARTZ
FORMATION: SNYDERVILLE
TOWNSHIP: 30S
STATE: KS
CLOCK: 12

INTERVAL TEST FROM: 3690 FT TO: 3724 FT TOTAL DEPTH: 3724 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3685 FT SIZE: 6 5/8 IN PAKER DEPTH: 3690 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PAKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: WHEATSTATE
MUD TYPE: DRISPAC VISCOSITY: 39
WEIGHT: 9.3 WATER LOSS (CC): 12.0
CHLORIDES (P.P.M.): 9000
JARS - MAKE: WTC SERIAL NUMBER: 410
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 120 FT I.D.: 2 1/4 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 3542 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 28 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 34 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: INITIAL FLOW PERIOD WEAK TO VERY WEAK BLOW
DIED IN 25 MINUTES
FINAL FLOW PERIOD FEW BUBBLES

RECOVERED: 120 FT OF: DRILLING MUD
RECOVERED: FT OF: TOOL PLUGGED OFF
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
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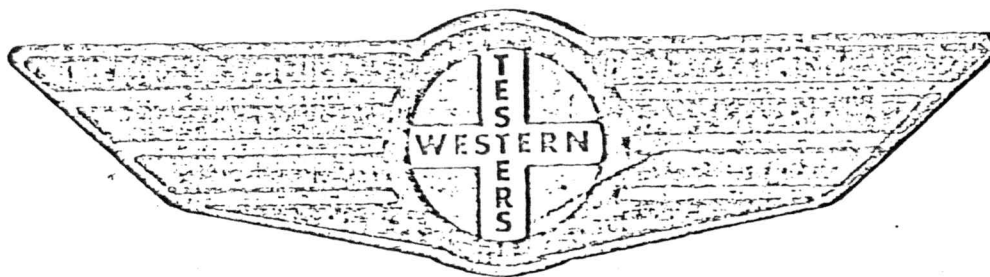
REMARKS: SLID TOOL 10' TO BOTTOM BRIDGED OFF 130 OFF
BOTTOM -SPUDED THROUGH TIGHT SPOT

TIME SET PACKER(S): 11:55 AM TIME STARTED OFF BOTTOM: 2:25 PM
WELL TEMPERATURE: 116 'F
INITIAL HYDROSTATIC PRESSURE: (A) 1752 PSI
INITIAL FLOW PERIOD MIN: 0 (B) 0 PSI TO (C) 0 PSI
INITIAL CLOSED IN PERIOD MIN: 0 (D) 0 PSI
FINAL FLOW PERIOD MIN: 0 (E) 0 PSI TO (F) 0 PSI
FINAL CLOSED IN PERIOD MIN: 0 (G) 0 PSI
FINAL HYDROSTATIC PRESSURE (H) 1750 PSI

FORMATION

TEST

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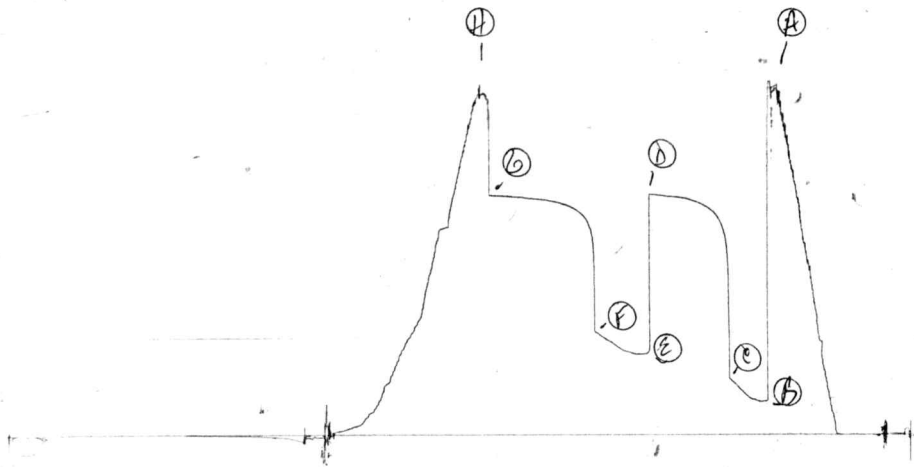
P.O. Box 1599

Phone (316) 262-5861

2606 DST #2

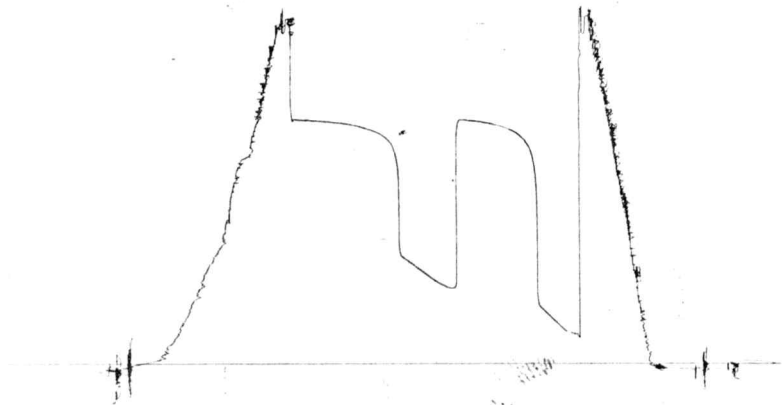
SKT # 7300

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13267 DST#2

JK # 7300
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WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 12/23/84 TICKET #7300
CUSTOMER: KAN-EX INC. LEASE: DOUTHETT
WELL: 1-24 TEST: 2 GEOLOGIST: SCHWARTZ
ELEVATION (KB): 1808 FORMATION: DOUGLAS SAND
SECTION: 24 TOWNSHIP: 31S
RANGE: 11W COUNTY: BARBER STATE: KS
GAUGE SN #2606 RANGE: 4150 CLOCK: 12

INTERVAL TEST FROM: 3744 FT TO: 3805 FT TOTAL DEPTH: 3805 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3739 FT SIZE: 6 5/8 IN PACKER DEPTH: 3744 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: WHEATSTATE
MUD TYPE: DRISPAC VISCOSITY: 44
WEIGHT: 9.4 WATER LOSS (CC): 10.0
CHLORIDES (P.P.M.): 9000
JARS - MAKE: WTC SERIAL NUMBER: 410
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 120 FT I.D.: 2 1/4 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 3596 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 28 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 61 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: INITIAL FLOW PERIOD STRONG BLOW
FINAL FLOW PERIOD STRONG BLOW
NO GAS TO SURFACE

RECOVERED: 120 FT OF: DRILLING MUD
RECOVERED: 180 FT OF: MUD CUT WATER
RECOVERED: 1030 FT OF: WATER
RECOVERED: FT OF:
RECOVERED: FT OF:
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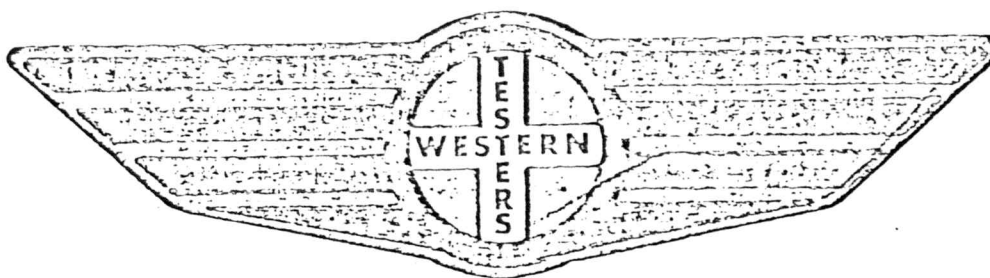
REMARKS: CHLORIDES 98000 P.P.M.

TIME SET PACKER(S): 2:50 AM TIME STARTED OFF BOTTOM: 6:35 AM
WELL TEMPERATURE: 125 'F
INITIAL HYDROSTATIC PRESSURE: (A) 1874 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 173 PSI TO (C) 291 PSI
INITIAL CLOSED IN PERIOD MIN: 60 (D) 1269 PSI
FINAL FLOW PERIOD MIN: 40 (E) 427 PSI TO (F) 541 PSI
FINAL CLOSED IN PERIOD MIN: 78 (G) 1265 PSI
FINAL HYDROSTATIC PRESSURE (H) 1807 PSI

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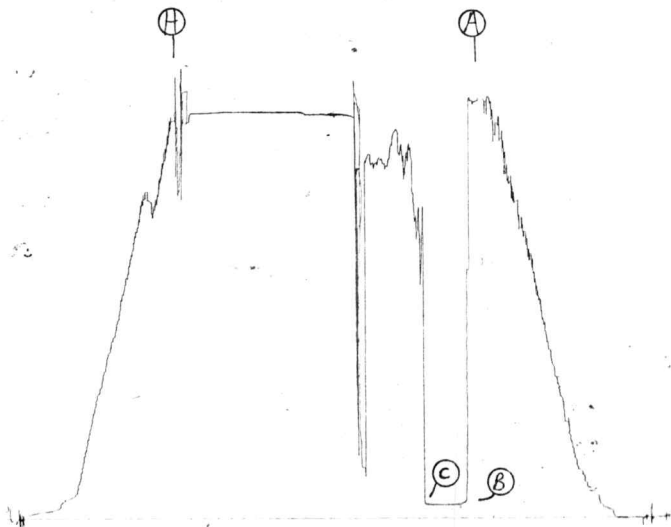
P.O. Box 1599

Phone (316) 262-5861

2606 DSI #3

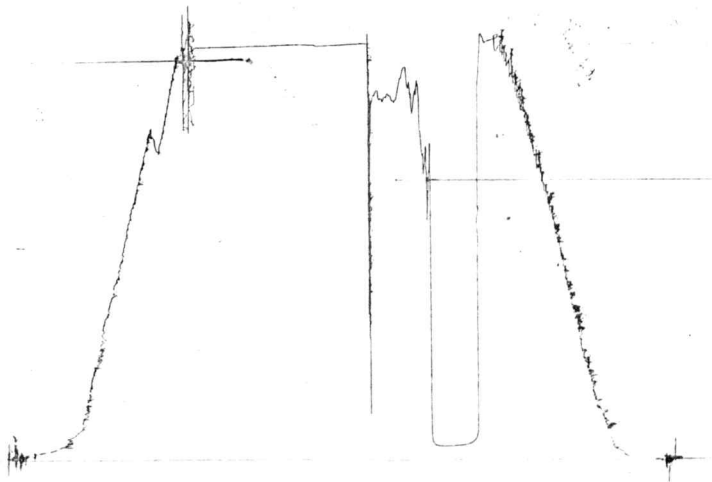
TRT # 8251

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TKT # 8251

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WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 12/25/84 TICKET #8251
CUSTOMER: KAN-EX INC. LEASE: DOUTHETT
WELL: 1-24 TEST: 3 GEOLOGIST: SCHWARTZ
ELEVATION (KB): 1808 FORMATION: MISSISSIPPI
SECTION: 24 TOWNSHIP: 30S
RANGE: 11W COUNTY: BARBER STATE: KS
GAUGE SN #2606 RANGE: 4150 CLOCK: 12

INTERVAL TEST FROM: 4437 FT TO: 4460 FT TOTAL DEPTH: 4460 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4432 FT SIZE: 6 5/8 IN PACKER DEPTH: 4437 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: WHEATSTATE
MUD TYPE: DRISPAC VISCOSITY: 49
WEIGHT: 9.4 WATER LOSS (CC): 7.0
CHLORIDES (P.P.M.): 9000
JARS - MAKE: WTC SERIAL NUMBER: 410
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 120 FT I.D.: 2 1/4 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4289 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 28 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 23 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: INITIAL FLOW PERIOD STRONG BLOW IN 9 MINUTES
FINAL FLOW PERIOD STRONG BLOW -NO GAS TO SURFACE

RECOVERED: 240 FT OF: GAS IN PIPE
RECOVERED: 240 FT OF: SLIGHTLY OIL CUT MUD (5% OIL)
RECOVERED: FT OF:
RECOVERED: FT OF:
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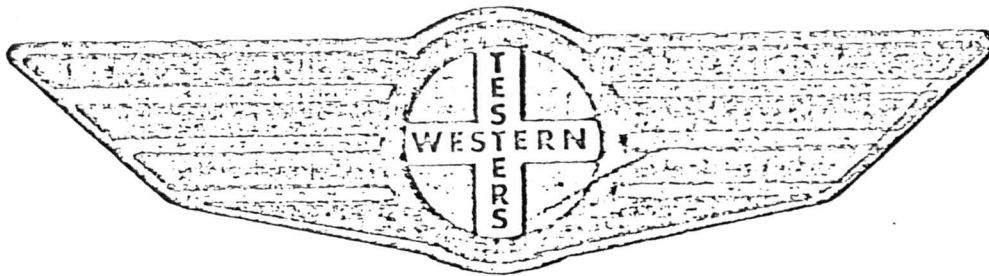
REMARKS:

TIME SET PACKER(S): 8:50 AM TIME STARTED OFF BOTTOM: 12:35 PM
WELL TEMPERATURE: 128 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2230 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 71 PSI TO (C) 72 PSI
INITIAL CLOSED IN PERIOD MIN: 0 (D) 0 PSI
FINAL FLOW PERIOD MIN: 0 (E) 0 PSI TO (F) 0 PSI
FINAL CLOSED IN PERIOD MIN: 0 (G) 0 PSI
FINAL HYDROSTATIC PRESSURE (H) 2125 PSI

FORMATION

TEST

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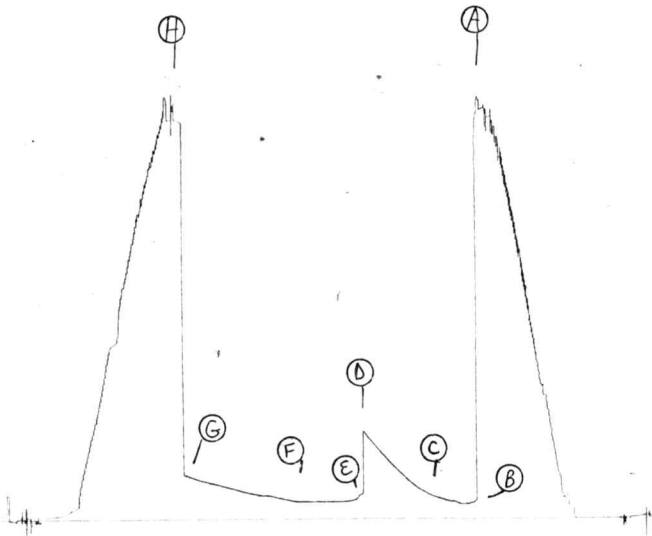
P.O. Box 1599

Phone (316) 262-5861

2606 JST #4

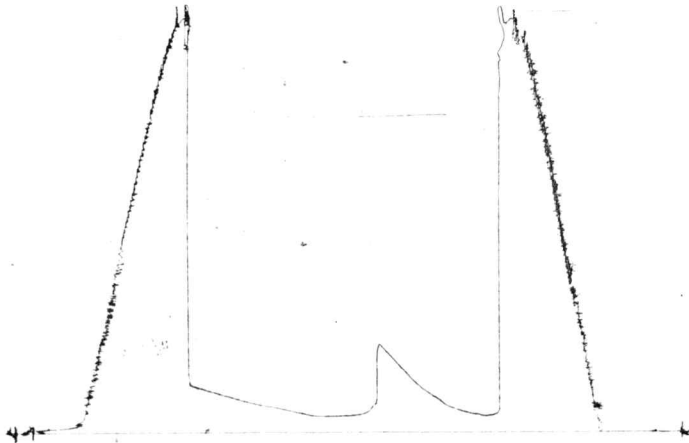
TKT # 8252

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13267 DST#4

TKT # 8252



WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 12/25/84 TICKET #8252
CUSTOMER: KAN-EX INC. LEASE: DOUTHETT
WELL: 1-24 TEST: 4 GEOLOGIST: SCHWARTZ
ELEVATION (KB): 1808 FORMATION: MISSISSIPPI
SECTION: 24 TOWNSHIP: 30S
RANGE: 11W COUNTY: BARBER STATE: KS
GAUGE SN #2606 RANGE: 4150 CLOCK: 12

INTERVAL TEST FROM: 4423 FT TO: 4460 FT TOTAL DEPTH: 4460 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4418 FT SIZE: 6 5/8 IN PACKER DEPTH: 4423 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: WHEATSTATE
MUD TYPE: PRMX/DSPC VISCOSITY: 49
WEIGHT: 9.4 WATER LOSS (CC): 7.0
CHLORIDES (P.P.M.):
JARS - MAKE: WTC SERIAL NUMBER: 410
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 120 FT I.D.: 2 1/4 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4275 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 28 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 37 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: INITIAL FLOW PERIOD WEAK STEADY BLOW (2" TO 3"
INTO WATER)
FINAL FLOW PERIOD WEAK STEADY BLOW -NO GAS
TO SURFACE

RECOVERED: 60 FT OF: VERY SLIGHTLY OIL CUT MUD (TRACE)
RECOVERED: 60 FT OF: SLIGHTLY OIL CUT MUD (3% OIL)
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 11:05 PM TIME STARTED OFF BOTTOM: 2:50 AM
WELL TEMPERATURE: 128 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2219 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 79 PSI TO (C) 114 PSI
INITIAL CLOSED IN PERIOD MIN: 54 (D) 462 PSI
FINAL FLOW PERIOD MIN: 45 (E) 94 PSI TO (F) 94 PSI
FINAL CLOSED IN PERIOD MIN: 87 (G) 236 PSI
FINAL HYDROSTATIC PRESSURE (H) 2177 PSI

