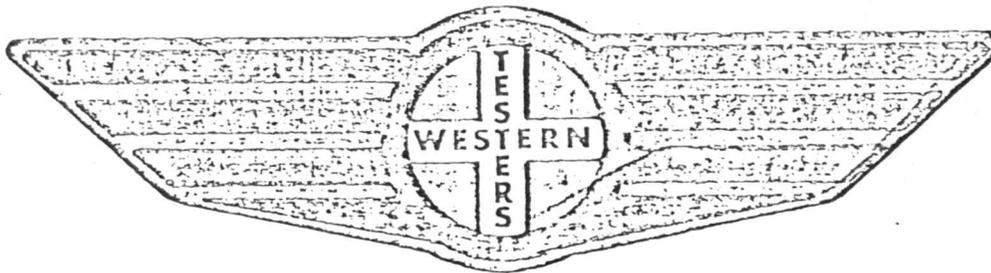


FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

Company DNB DRILLING, INC. Lease and Well No. #1 NORRIS Sec. 33 Twp. 30S Rge. 7W Test No. 1 Date 10/1/8

WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 10/1/84
CUSTOMER: D N B DRILLING INC.
WELL: 1
ELEVATION (KB): 1599
SECTION: 33
RANGE: 7W
GAUGE SN #13221

TICKET #5723
LEASE: NORRIS
GEOLOGIST: DOUGLAS
FORMATION: MISSISSIPPI
TOWNSHIP: 30S
COUNTY: KINGMAN
STATE: KANSAS
RANGE: 4450
CLOCK: 12

INTERVAL TEST FROM: 4337 FT TO: 4346 FT TOTAL DEPTH: 4346 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4332 FT SIZE: 6 3/4 IN PAKER DEPTH: 4337 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PAKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: GABBERT & JONES
MUD TYPE: DRISPAC VISCOSITY: 49
WEIGHT: 9.4 WATER LOSS (CC): 10.4
CHLORIDES (P.P.M.): 17000
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 454 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 3863 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 9 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 WITH VERY LITTLE
BUILD; DYING BACK LAST HALF. FINAL FLOW
PERIOD; STRONG BLOW WITH GOOD BUILD. NO GAS
TO SURFACE.

RECOVERED: 20 FT OF: GAS & OIL CUT MUD; 5% GAS; 1% OIL; 94% MUD
RECOVERED: 580 FT OF: GAS ABOVE FLUID
RECOVERED: FT OF:
RECOVERED: FT OF:

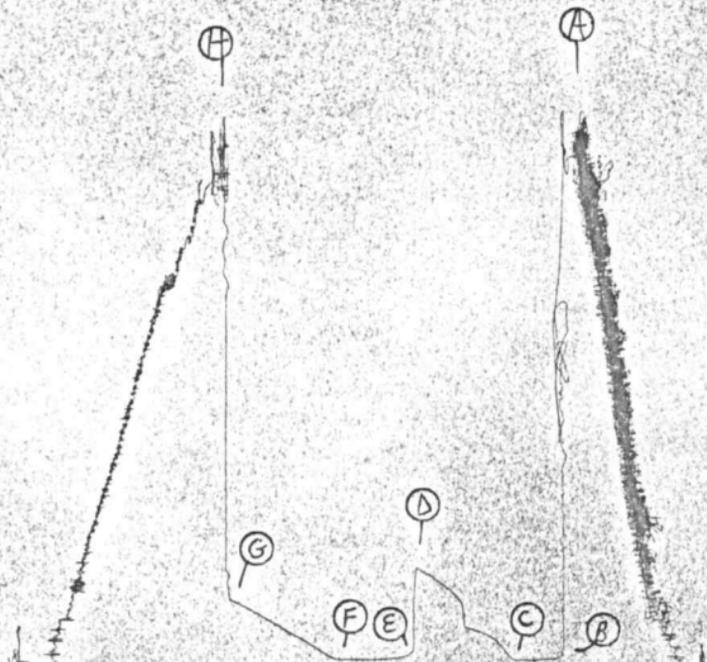
REMARKS: PLUGGED TOOL ON THE INITIAL FLOW PERIOD AND
INITIAL SHUT-IN.

TIME SET PACKER(S): 10:46 A.M. TIME STARTED OFF BOTTOM: 2:01 P.M.
WELL TEMPERATURE: 133 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2285 PSI
INITIAL FLOW PERIOD MIN: 25 (B) 57 PSI TO (C) 57 PSI
INITIAL CLOSED IN PERIOD MIN: 60 (D) 466 PSI
FINAL FLOW PERIOD MIN: 40 (E) 62 PSI TO (F) 62 PSI
FINAL CLOSED IN PERIOD MIN: 66 (G) 326 PSI
FINAL HYDROSTATIC PRESSURE (H) 2193 PSI

TKT # 5723

#13221
inside

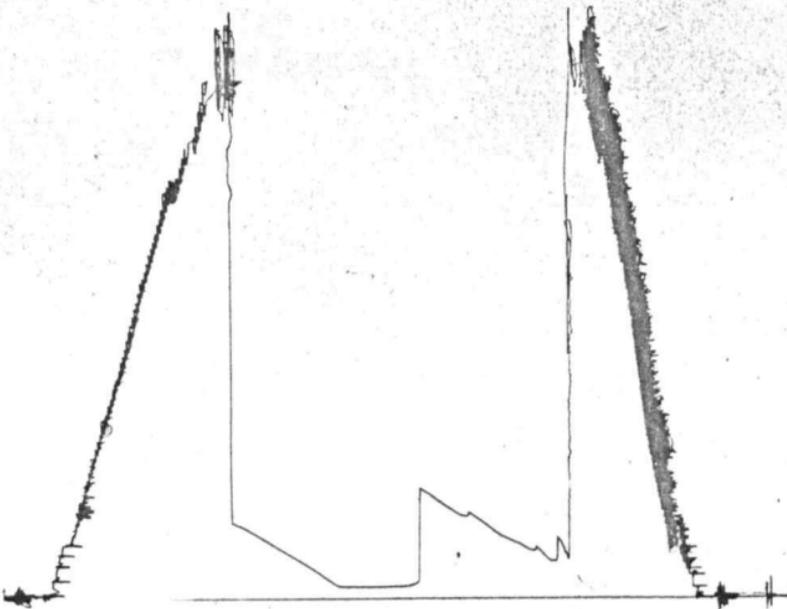
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TKT # 5723

13551
outside

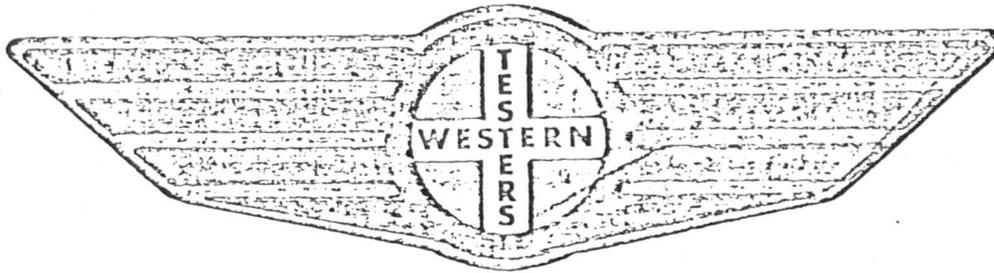
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FORMATION

TEST

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Phone (316) 262-5861

Company DNB DRILLING, INC. Lease and Well No. #1 NORRIS Sec. 33 Twp. 30S Rge. 7W Test No. 2 Date 10/1/84

WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 10/1/84 TICKET #5724
CUSTOMER: D N B DRILLING INC. LEASE: NORRIS
WELL: 1 TEST: 2 GEOLOGIST: DOUGLAS
ELEVATION (KB): 1599 FORMATION: MISSISSIPPI
SECTION: 33 TOWNSHIP: 30S
RANGE: 7W COUNTY: KINGMAN STATE: KANSAS
GAUGE SN #13221 RANGE: 4450 CLOCK: 12

INTERVAL TEST FROM: 4346 FT TO: 4361 FT TOTAL DEPTH: 4361 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4341 FT SIZE: 6 3/4 IN PACKER DEPTH: 4346 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: GABBERT & JONES
MUD TYPE: DRISPAC VISCOSITY: 49
WEIGHT: 9.4 WATER LOSS (CC): 10.4
CHLORIDES (P.P.M.): 17000
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 454 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 3872 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 15 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 WITH VERY LITTLE BUILD.
NO GAS TO SURFACE. FINAL FLOW PERIOD; WEAK BLOW
WITH SMALL BUILD. NO GAS TO SURFACE.

RECOVERED: 65 FT OF: VERY SLIGHT OIL CUT MUD; 2% GAS; 1% OIL; 97% MUD
D
RECOVERED: 60 FT OF: VERY SLIGHT OIL CUT WATERY MUD; 4% GAS; 2% OIL;
RECOVERED: FT OF: 25% WATER; 69% MUD
RECOVERED: FT OF: CHLORIDES 46000 PPM
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

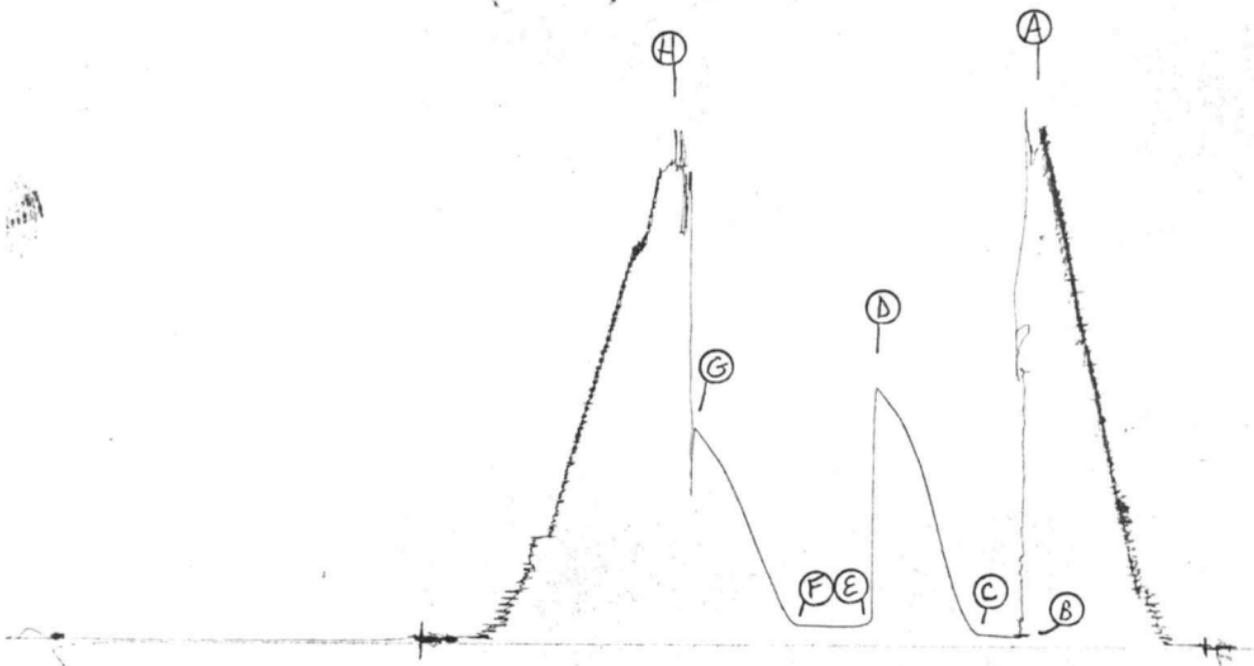
REMARKS:

TIME SET PACKER(S): 1:50 A.M. TIME STARTED OFF BOTTOM: 5:05 A.M.
WELL TEMPERATURE: 136 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2224 PSI
INITIAL FLOW PERIOD MIN: 25 (B) 49 PSI TO (C) 58 PSI
INITIAL CLOSED IN PERIOD MIN: 60 (D) 1163 PSI
FINAL FLOW PERIOD MIN: 45 (E) 90 PSI TO (F) 95 PSI
FINAL CLOSED IN PERIOD MIN: 60 (G) 972 PSI
FINAL HYDROSTATIC PRESSURE (H) 2146 PSI

TKT # 5724

13221

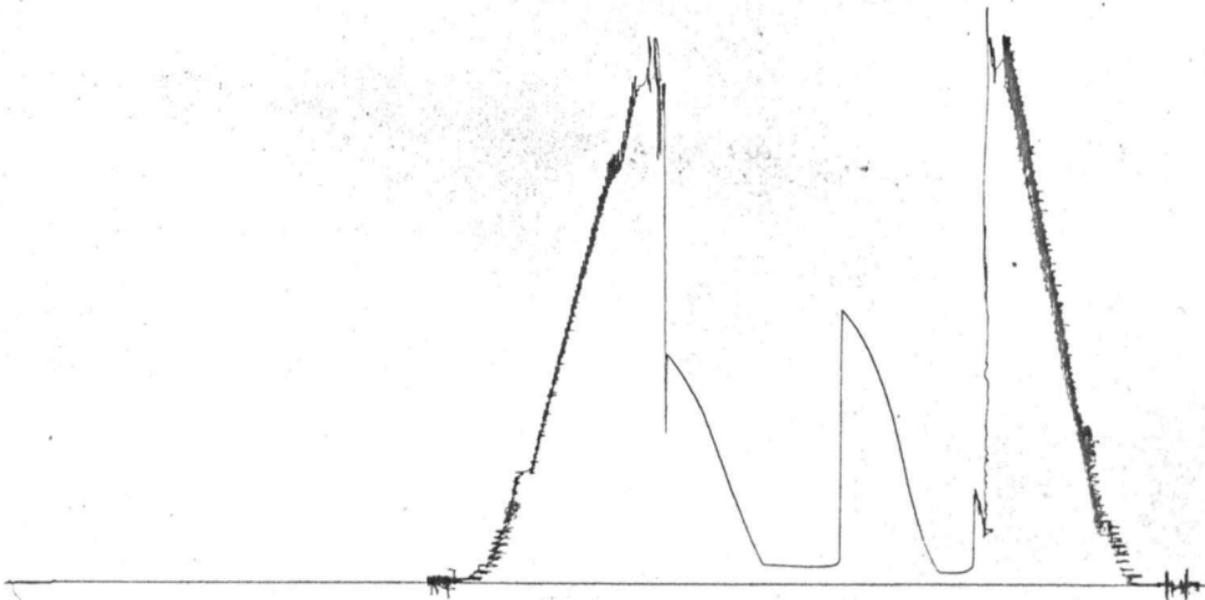
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TKT # 5724

#13551

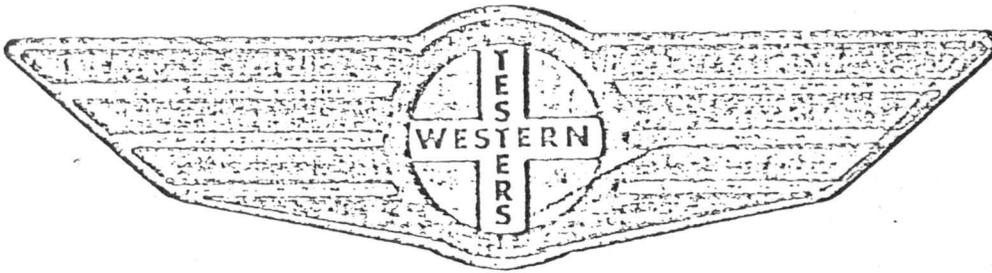
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FORMATION

TEST

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Company DNB DRILLING, INC. Lease and Well No. #1 NORRIS Sec. 33 Twp. 30S Rge. 7W Test No. 3 Date 10/2/8

WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 10/2/84 TICKET #5725
CUSTOMER: D N B DRILLING INC. LEASE: NORRIS
WELL: 1 TEST: 3 GEOLOGIST: DOUGLAS
ELEVATION (KB): 1599 FORMATION: MISSISSIPPI
SECTION: 33 TOWNSHIP: 30S
RANGE: 7W COUNTY: KINGMAN STATE: KANSAS
GAUGE SN #13221 RANGE: 4450 CLOCK: 12

INTERVAL TEST FROM: 4356 FT TO: 4371 FT TOTAL DEPTH: 4371 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4351 FT SIZE: 6 3/4 IN PAKER DEPTH: 4356 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PAKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: GABBERT & JONES
MUD TYPE: DRISPA VISCOSITY: 49
WEIGHT: 9.4 WATER LOSS (CC): 10.4
CHLORIDES (P.P.M.): 17000
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? YES REVERSED OUT? NO
DRILL COLLAR LENGTH: 454 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 3882 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 15 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: INITIA FLOW PERIOD; STRONG BLOW WITH STRONG
BUILD. NO GAS TO SURFACE.
FINAL FLOW PERIOD; GAS TO SURFACE 10 MINUTES.
SEE ATACHED GAS FLOW SHEET.

RECOVERED: 120 FT OF: MUD CUT OIL
RECOVERED: 300 FT OF: GASSY OIL
RECOVERED: 120 FT OF: GASSY OIL WITH TRACE OF WATER
RECOVERED: 60 FT OF: MUDDY WATER
RECOVERED: FT OF: CHLORIDES 76000 PPM
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 3:35 P.M. TIME STARTED OFF BOTTOM: 6:50 P.M.
WELL TEMPERATURE: 134 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2289 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 75 PSI TO (C) 138 PSI
INITIAL CLOSED IN PERIOD MIN: 60 (D) 1483 PSI
FINAL FLOW PERIOD MIN: 45 (E) 185 PSI TO (F) 225 PSI
FINAL CLOSED IN PERIOD MIN: 60 (G) 1479 PSI
FINAL HYDROSTATIC PRESSURE (H) 2187 PSI

WESTERN TESTING COMPANY INC.
GAS FLOW REPORT

DATE: 10/2/84
CUSTOMER: D N B DRILLING INC.
WELL: 1
ELEVATION (KB): 1599
SECTION: 33
RANGE: 7W
GAUGE SN #13221

TEST: 3
FORMATION: MISSISSIPPI
TOWNSHIP: 30S
COUNTY: KINGMAN
RANGE: 4450

TICKET #5725
LEASE: NORRIS
GEOLOGIST: DOUGLAS
STATE: KANSAS
CLOCK: 12

TIME GAUGE (MIN)	TESTER TYPE	ORIFICE SIZE	PRESSURE (PSI)	FLOW DESCRIPTION
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PRE FLOW

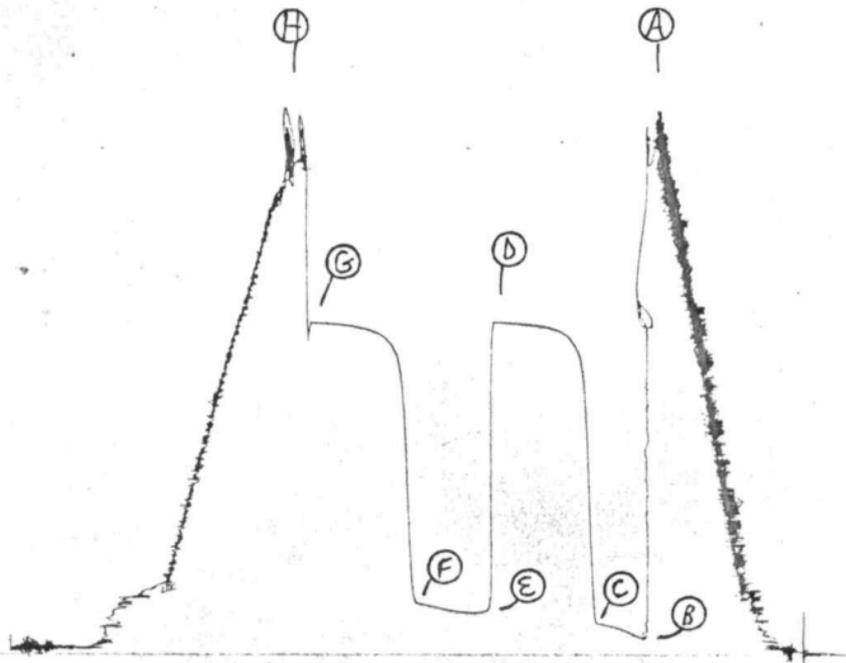
SECOND FLOW

20	MERLA	1/2"	6" WTR	15400 CFPD
30		"	8" WTR	17200 " "
40		"	10" WTR	19900 " "
45		"	10" WTR	19900 " "

GAS BOTTLE SN #:
DATE BOTTLE FILLED:
DATE TO BE INVOICED:

TKT # 5725

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TKT # 5725

#13551

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