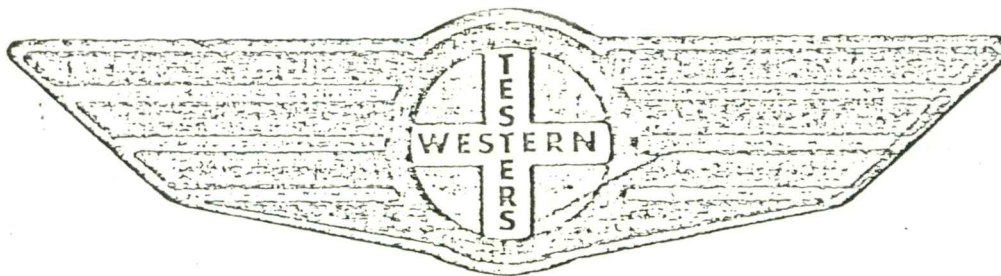


FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

ANY  
IN JUNE  
Lease and Well No.  
T. GALLIN  
Sec. 0  
Imp. 275 Rge. 14W 1st NO. 1 DATE 6/18/84

WESTERN TESTING COMPANY INC.  
SUBSURFACE PRESSURE SURVEY

DATE: 8/18/84  
CUSTOMER: W.K. BLACK  
WELL: 1  
ELEVATION (KB): 0  
SECTION: 6  
RANGE: 12W  
GAUGE SN #13547

TEST: 1  
FORMATION: SWOPE  
TOWNSHIP: 29S  
COUNTY: PRATT  
RANGE: 4225

TICKET #4976  
LEASE: GREEN  
GEOLOGIST: DIBS  
STATE: KANSAS  
CLOCK: 12

INTERVAL TEST FROM: 4110 FT TO: 4144 FT TOTAL DEPTH: 4144 FT  
DEPTH OF SELECTIVE ZONE: FT  
PACKER DEPTH: 4105 FT SIZE: 6 5/8 IN PAKER DEPTH: 4110 FT SIZE: 6 5/8 IN  
PACKER DEPTH: FT SIZE: IN PAKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: H-30  
MUD TYPE: PREMIX VISCOSITY: 44  
WEIGHT: 9.1 WATER LOSS (CC): 13.6  
CHLORIDES (P.P.M.): 7000  
JARS - MAKE: W.T.C. SERIAL NUMBER: 405  
DID WELL FLOW? NO REVERSED OUT? NO  
DRILL COLLAR LENGTH: 240 FT I.D.: 2.25 IN  
WEIGHT PIPE LENGTH: FT I.D.: IN  
DRILL PIPE LENGTH: 3841 FT I.D.: 3.8 IN  
TEST TOOL LENGTH: 29 FT TOOL SIZE: 5 1/2 O.D. IN  
ANCHOR LENGTH: 34 FT SIZE: 5 1/2 O.D. 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 F.H. IN

BLOW: STRONG BLOW THROUGHOUT TEST.

RECOVERED: 30 FT OF: OIL & GAS CUT MUD; 20% OIL  
RECOVERED: 60 FT OF: OIL & GAS CUT MUD; 25% OIL; 20% WATER  
RECOVERED: 1550 FT OF: GAS ABOVE FLUID  
RECOVERED: FT OF:  
RECOVERED: FT OF:  
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RECOVERED: FT OF:

REMARKS:

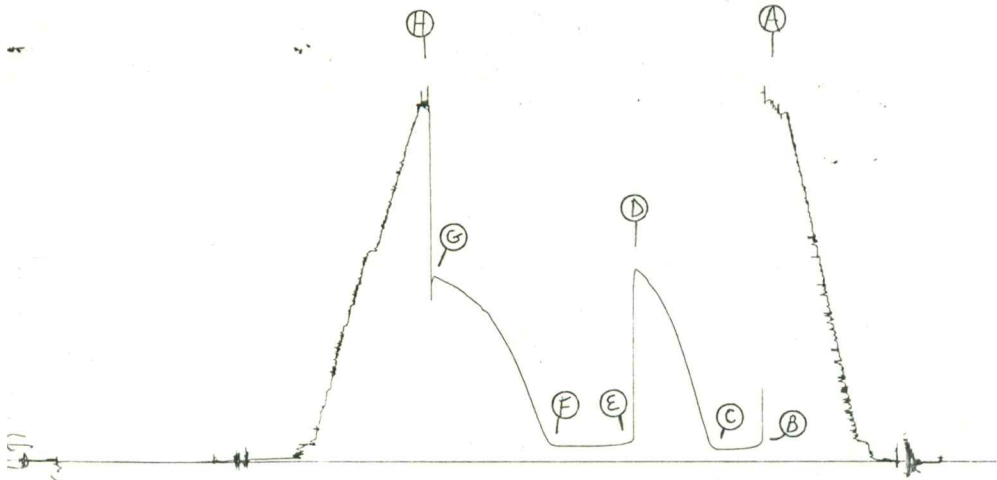
TIME SET PACKER(S): 10:10 A.M. TIME STARTED OFF BOTTOM: 2:10 P.M.  
WELL TEMPERATURE: 121 °F  
INITIAL HYDROSTATIC PRESSURE: (A) 1962 PSI  
INITIAL FLOW PERIOD MIN: 35 (B) 67 PSI TO (C) 67 PSI  
INITIAL CLOSED IN PERIOD MIN: 60 (D) 1048 PSI  
FINAL FLOW PERIOD MIN: 60 (E) 85 PSI TO (F) 85 PSI  
FINAL CLOSED IN PERIOD MIN: 90 (G) 1011 PSI  
FINAL HYDROSTATIC PRESSURE (H) 1962 PSI





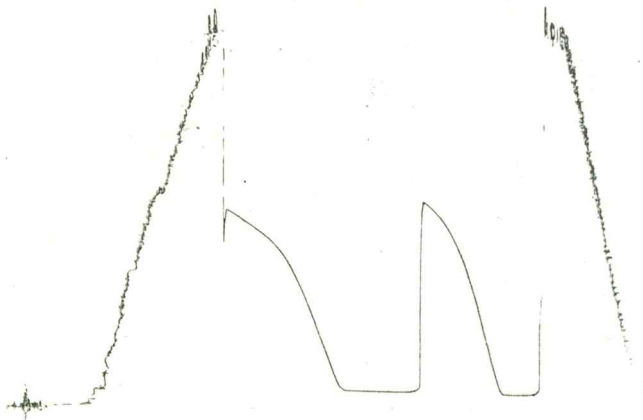
TKT # 4976

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TKT # 4976

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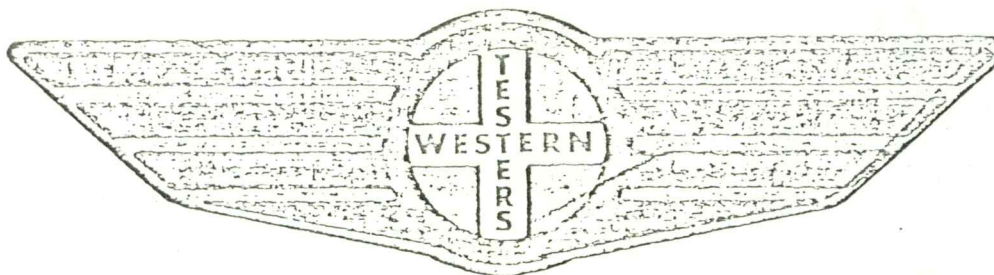


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FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

Company W.K. BLACK Lease and Well No. #1 GREEN Sec. 6 Twp. 29s Rge. 12w Test No. 2 Date 8/20

WESTERN TESTING COMPANY INC.  
SUBSURFACE PRESSURE SURVEY

DATE: 8/20/84 TICKET #4977  
CUSTOMER: W.K BLACK LEASE: GREEN  
WELL: #1 TEST: 2 GEOLOGIST: DILTS  
ELEVATION (KB): 0 FORMATION: VIOLA  
SECTION: 6 TOWNSHIP: 29S  
RANGE: 12W COUNTY: PRATT STATE: KANSAS  
GAUGE SN #13547 RANGE: 4225 CLOCK: 12

INTERVAL TEST FROM: 4430 FT TO: 4445 FT TOTAL DEPTH: 4445 FT  
DEPTH OF SELECTIVE ZONE: FT  
PACKER DEPTH: 4425 FT SIZE: 6 5/8 IN PAKER DEPTH: 4430 FT SIZE: 6 5/8 IN  
PACKER DEPTH: FT SIZE: IN PAKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: H-30  
MUD TYPE: PREMIX VISCOSITY: 54  
WEIGHT: 8.9 WATER LOSS (CC): 16.8  
CHLORIDES (P.P.M.): 8500  
JARS - MAKE: W.T.C. SERIAL NUMBER: 405  
DID WELL FLOW? YES REVERSED OUT? NO  
DRILL COLLAR LENGTH: 240 FT I.D.: 2.25 IN  
WEIGHT PIPE LENGTH: FT I.D.: IN  
DRILL PIPE LENGTH: 4161 FT I.D.: 3.8 IN  
TEST TOOL LENGTH: 29 FT TOOL SIZE: 5 1/2 O.D. IN  
ANCHOR LENGTH: 15 FT SIZE: 5 1/2 O.D. 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 FLOW PERIODS.  
GAS TO SURFACE IN 2 MINUTES ON SECOND FLOW.

RECOVERED: 30 FT OF: GAS CUT MUD.  
RECOVERED: FT OF:  
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RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 12:20 A.M. TIME STARTED OFF BOTTOM: 4:50 A.M.  
WELL TEMPERATURE: 123 °F  
INITIAL HYDROSTATIC PRESSURE: (A) 2154 PSI  
INITIAL FLOW PERIOD MIN: 30 (B) 41 PSI TO (C) 41 PSI  
INITIAL CLOSED IN PERIOD MIN: 60 (D) 1404 PSI  
FINAL FLOW PERIOD MIN: 60 (E) 39 PSI TO (F) 39 PSI  
FINAL CLOSED IN PERIOD MIN: 120 (G) 1402 PSI  
FINAL HYDROSTATIC PRESSURE (H) 2113 PSI





WESTERN TESTING COMPANY INC.  
GAS FLOW REPORT

DATE: 8/20/84  
CUSTOMER: W.K BLACK  
WELL: #1  
ELEVATION (KB): 0  
SECTION: 6  
RANGE: 12W  
GAUGE SN #13547

TEST: 2  
FORMATION: VIOLA  
TOWNSHIP: 29S  
COUNTY: PRATT  
RANGE: 4225

TICKET #4977  
LEASE: GREEN  
GEOLOGIST: DILTS  
STATE: KANSAS  
CLOCK: 12

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

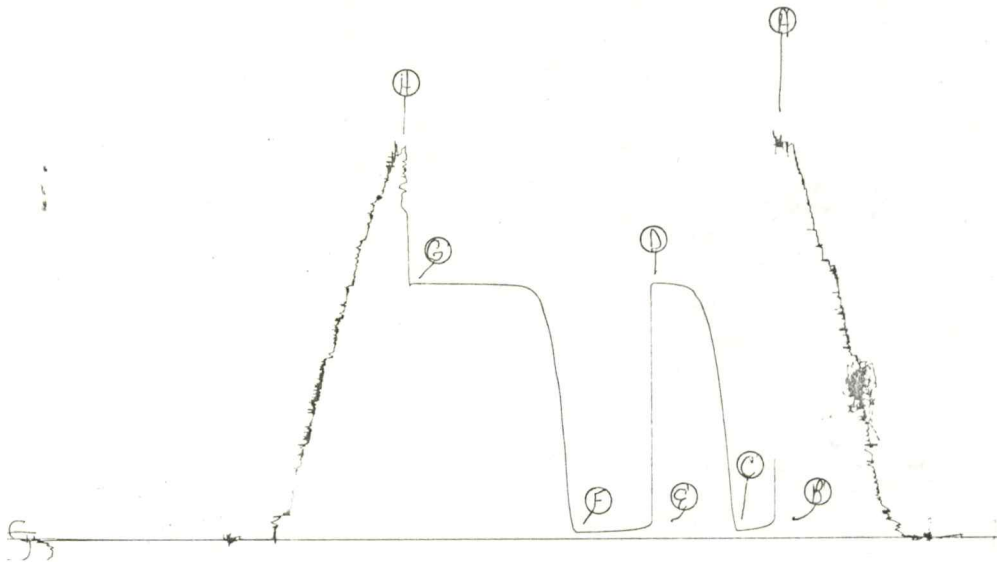
SECOND FLOW

2				GAS TO SURFACE IN 2 MINUTES.
5	MERLA	1/4	15" WTR	6550 CFPD
10		"	19" WTR	7320 " "
20		"	26" WTR	8560 " "
30		"	30" WTR	9200 " "
40		"	30" WTR	9200 " "
50		"	30" WTR	9200 " "
60		"	30" WTR	9200 " "

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

TK7 # 4911

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TKT #4977

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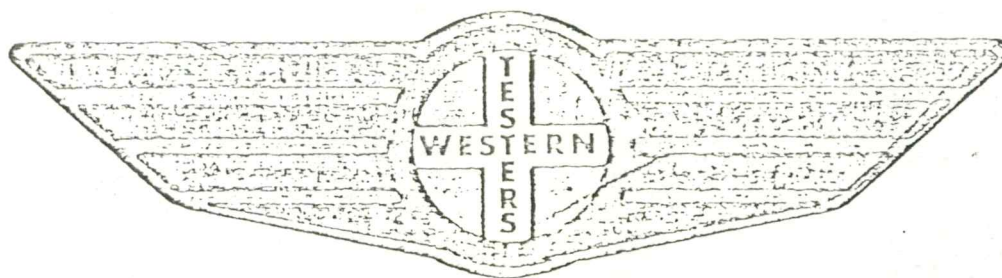


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FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING COMPANY INC.  
SUBSURFACE PRESSURE SURVEY

DATE: 8/20/84 TICKET #4978  
CUSTOMER: W.K. BLACK LEASE: GREEN  
WELL: #1 TEST: 3 GEOLOGIST: DILTS  
ELEVATION (KB): 0 FORMATION: VIOLA  
SECTION: 6 TOWNSHIP: 29S  
RANGE: 12W COUNTY: PRATT STATE: KANSAS  
GAUGE SN #13547 RANGE: 4225 CLOCK: 12

INTERVAL TEST FROM: 4460 FT TO: 4477 FT TOTAL DEPTH: 4477 FT  
DEPTH OF SELECTIVE ZONE: FT  
PACKER DEPTH: 4455 FT SIZE: 6 5/8 IN PAKER DEPTH: 4460 FT SIZE: 6 5/8 IN  
PACKER DEPTH: FT SIZE: IN PAKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: H-30  
MUD TYPE: PREMIX VISCOSITY: 50  
WEIGHT: 8.9 WATER LOSS (CC): 16.8  
CHLORIDES (P.P.M.): 9000  
JARS - MAKE: W.T.C. SERIAL NUMBER: 405  
DID WELL FLOW? NO REVERSED OUT? NO  
DRILL COLLAR LENGTH: 240 FT I.D.: 2.25 IN  
WEIGHT PIPE LENGTH: FT I.D.: IN  
DRILL PIPE LENGTH: 4191 FT I.D.: 3.8 IN  
TEST TOOL LENGTH: 29 FT TOOL SIZE: 5 1/2 O.D. IN  
ANCHOR LENGTH: 17 FT SIZE: 5 1/2 O.D. 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 FLOW PERIODS.

RECOVERED: 180 FT OF: OIL & GAS CUT MUDDY WATER (10% OIL)  
RECOVERED: 1620 FT OF: SALT WATER; CHLORIDES 98000 P.P.M.  
RECOVERED: FT OF:  
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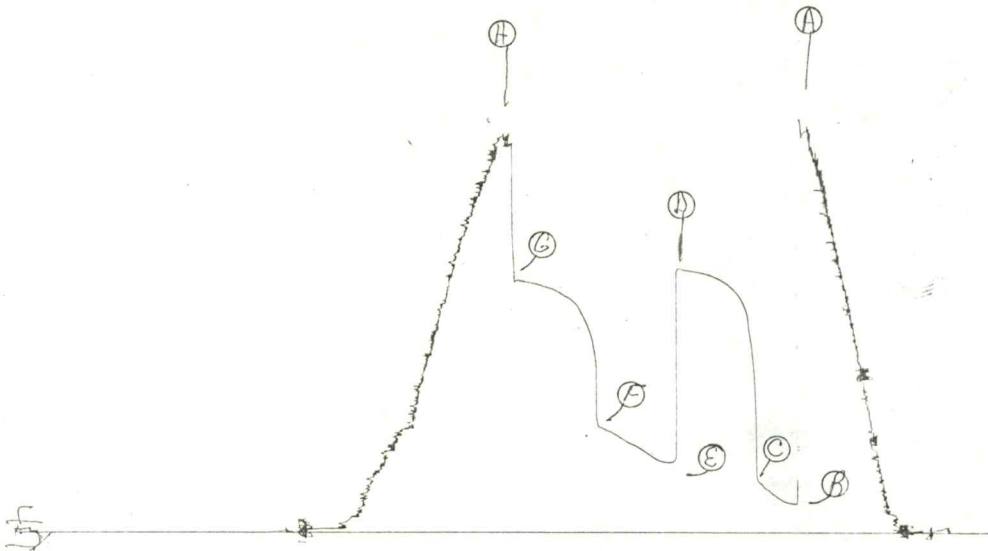
REMARKS:

TIME SET PACKER(S): 5:10 P.M. TIME STARTED OFF BOTTOM: 8:40 P.M.  
WELL TEMPERATURE: 123 °F  
INITIAL HYDROSTATIC PRESSURE: (A) 2186 PSI  
INITIAL FLOW PERIOD MIN: 30 (B) 154 PSI TO (C) 287 PSI  
INITIAL CLOSED IN PERIOD MIN: 60 (D) 1462 PSI  
FINAL FLOW PERIOD MIN: 60 (E) 381 PSI TO (F) 583 PSI  
FINAL CLOSED IN PERIOD MIN: 60 (G) 1398 PSI  
FINAL HYDROSTATIC PRESSURE (H) 2156 PSI



TKT # 49 18

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TKT # 4978

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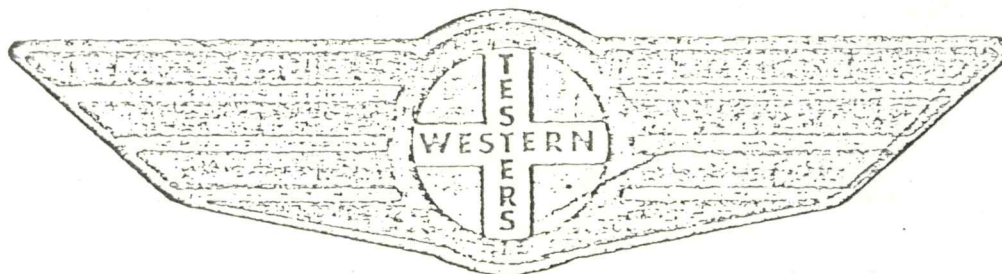


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FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING COMPANY INC.  
SUBSURFACE PRESSURE SURVEY

DATE: 8/21/84 TICKET #4979  
CUSTOMER: W.K. BLACK LEASE: GREEN  
WELL: #1 TEST: 4 GEOLOGIST: DILTS  
ELEVATION (KB): 0 FORMATION: SIMPSON  
SECTION: 6 TOWNSHIP: 29S  
RANGE: 12W COUNTY: PRATT STATE: KANSAS  
GAUGE SN #13547 RANGE: 4225 CLOCK: 12

INTERVAL TEST FROM: 4530 FT TO: 4546 FT TOTAL DEPTH: 4546 FT  
DEPTH OF SELECTIVE ZONE: FT  
PACKER DEPTH: 4525 FT SIZE: 6 5/8 IN PACKER DEPTH: 4530 FT SIZE: 6 5/8 IN  
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: H-30  
MUD TYPE: PREMIX VISCOSITY: 40  
WEIGHT: 9.0 WATER LOSS (CC): 18.4  
CHLORIDES (P.P.M.): 12000  
JARS - MAKE: W.T.C. SERIAL NUMBER: 405  
DID WELL FLOW? NO REVERSED OUT? NO  
DRILL COLLAR LENGTH: 240 FT I.D.: 2.25 IN  
WEIGHT PIPE LENGTH: FT I.D.: IN  
DRILL PIPE LENGTH: 4261 FT I.D.: 3.8 IN  
TEST TOOL LENGTH: 29 FT TOOL SIZE: 5 1/2 O.D. IN  
ANCHOR LENGTH: 16 FT SIZE: 5 1/2 O.D. 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 BLOW  
THROUGHOUT FLOW PERIOD. FINAL FLOW  
PERIOD NO BLOW.

RECOVERED: 10 FT OF: DRILLING MUD.  
RECOVERED: FT OF:  
RECOVERED: FT OF:  
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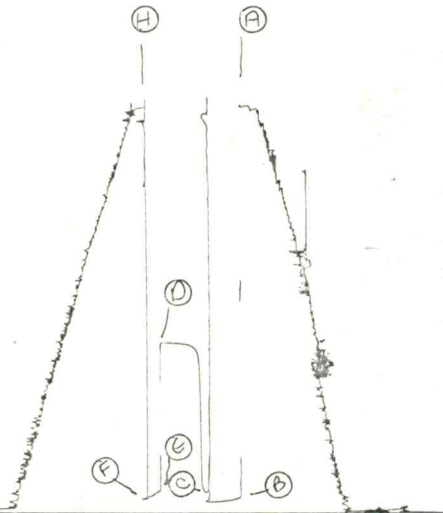
REMARKS: FLUSHED TOOL ON INITIAL FLOW PERIOD.

TIME SET PACKER(S): 4:50 P.M. TIME STARTED OFF BOTTOM: 6:00 P.M.  
WELL TEMPERATURE: 124 °F  
INITIAL HYDROSTATIC PRESSURE: (A) 2235 PSI  
INITIAL FLOW PERIOD MIN: 30 (B) 58 PSI TO (C) 109 PSI  
INITIAL CLOSED IN PERIOD MIN: 30 (D) 942 PSI  
FINAL FLOW PERIOD MIN: 10 (E) 80 PSI TO (F) 80 PSI  
FINAL CLOSED IN PERIOD MIN: 0 (G) 0 PSI  
FINAL HYDROSTATIC PRESSURE (H) 2222 PSI



ICK# 4979

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FLK# 4979

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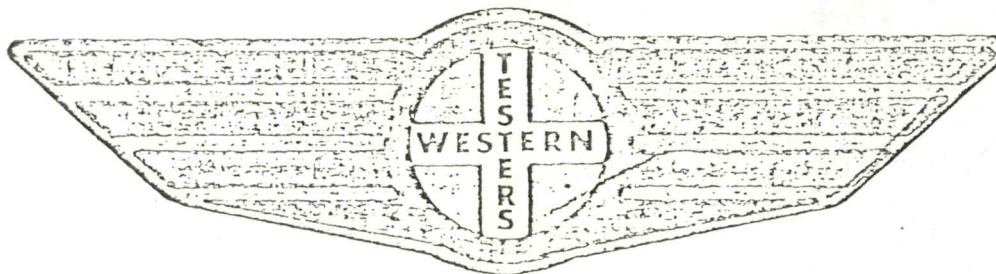
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FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

Company \_\_\_\_\_ W.A. DUNN  
Lease and Well No. \_\_\_\_\_  
Twp. \_\_\_\_\_  
Sec. \_\_\_\_\_  
Rge. \_\_\_\_\_  
L4W Test No. \_\_\_\_\_  
Date 01/23/1

WESTERN TESTING CO. INC.  
SUBSURFACE PRESSURE SURVEY

DATE: 8/23/84  
CUSTOMER: W.K. BLACK  
WELL: 1  
ELEVATION (KB): 0  
SECTION: 6  
RANGE: 12W  
GAUGE SN #13547

TEST: 5  
FORMATION: SIMPSON  
TOWNSHIP: 29S  
COUNTY: PRATT  
RANGE: 4225

TICKET #4980  
LEASE: GREEN  
GEOLOGIST: DILTS  
STATE: KANSAS  
CLOCK: 12

INTERVAL TEST FROM: 4544 FT TO: 4560 FT TOTAL DEPTH: 4731 FT  
DEPTH OF SELECTIVE ZONE: FT  
PACKER DEPTH: 4544 FT SIZE: 6 5/8 IN PAKER DEPTH: 4560 FT SIZE: 6 5/8 IN  
PACKER DEPTH: FT SIZE: IN PAKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: H-30 DRLG  
MUD TYPE: PREMIX VISCOSITY: 40  
WEIGHT: 9.3 WATER LOSS (CC): 18.4  
CHLORIDES (P.P.M.): 12000  
JARS - MAKE: WTC SERIAL NUMBER: 405  
DID WELL FLOW? NO REVERSED OUT? NO  
DRILL COLLAR LENGTH: 90 FT I.D.: 2.25 IN  
WEIGHT PIPE LENGTH: FT I.D.: IN  
DRILL PIPE LENGTH: 4422 FT I.D.: 3.8 IN  
TEST TOOL LENGTH: 32 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: WEAK BLOW TO A STRONG BLOW  
THROUGHOUT TEST.

RECOVERED: 210 FT OF: MUDDY WATER.  
RECOVERED: 1360 FT OF: GASSY SALT WATER.  
RECOVERED: FT OF: CHLORIDES 62000 PPM.  
RECOVERED: FT OF:  
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REMARKS: 171 FEET OF TAIL PIPE.

TIME SET PACKER(S): 6:30 AM TIME STARTED OFF BOTTOM: 9:40 AM  
WELL TEMPERATURE: 124 °F  
INITIAL HYDROSTATIC PRESSURE: (A) 2254 PSI  
INITIAL FLOW PERIOD MIN: 20 (B) 154 PSI TO (C) 351 PSI  
INITIAL CLOSED IN PERIOD MIN: 57 (D) 928 PSI  
FINAL FLOW PERIOD MIN: 40 (E) 466 PSI TO (F) 692 PSI  
FINAL CLOSED IN PERIOD MIN: 60 (G) 932 PSI  
FINAL HYDROSTATIC PRESSURE (H) 2245 PSI



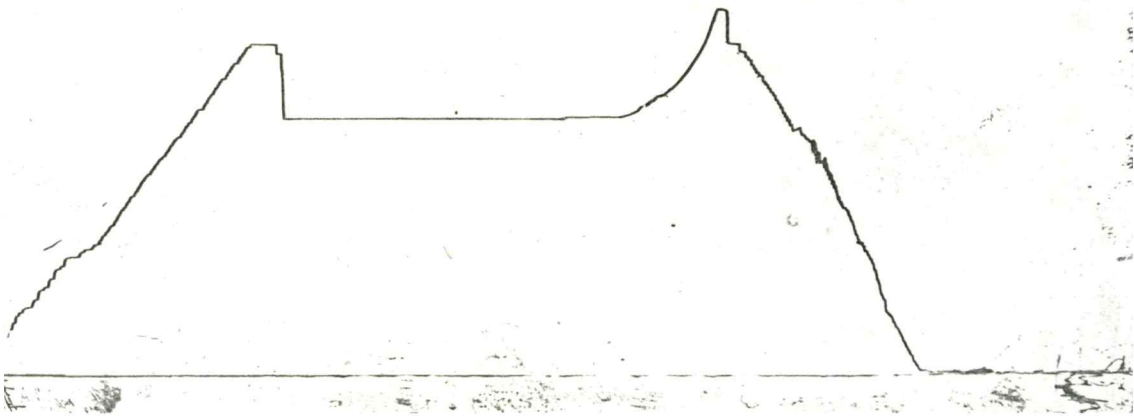
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TKIT 4480

Below Straddle



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