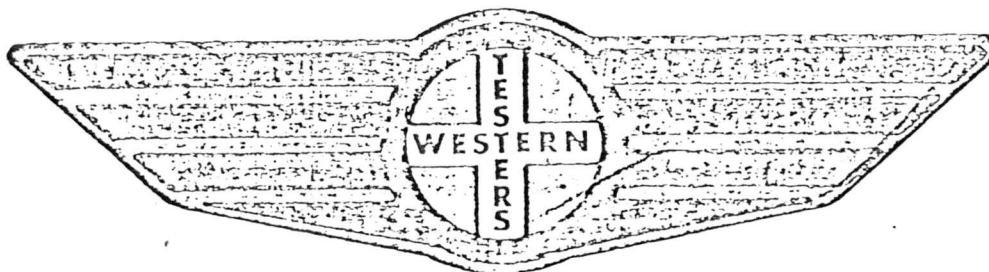


FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 10/15/84
CUSTOMER: F.G. HOLL
WELL: #1-8
ELEVATION (KB): 1293
SECTION: 8
RANGE: 8W
GAUGE SN #13402

TEST: 1

FORMATION: STALNAKER

TOWNSHIP: 34S

COUNTY: HARPER

RANGE: 4025

TICKET #7391

LEASE: BURNET

GEOLOGIST: DAVID ?

STATE: KANSAS

CLOCK: 12

INTERVAL TEST FROM: 3739 FT TO: 3777 FT TOTAL DEPTH: 3777 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3734 FT SIZE: 6 3/4 IN PACKER DEPTH: 3739 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: STERLING

MUD TYPE: CHEM

VISCOSITY: 41

WEIGHT: 9.4

WATER LOSS (CC): 13.6

CHLORIDES (P.P.M.): 14000

JARS - MAKE: W.T.C.

SERIAL NUMBER: 406

DID WELL FLOW? NO

REVERSED OUT? YES

DRILL COLLAR LENGTH: 420

FT I.D.: 2.25 IN

WEIGHT PIPE LENGTH:

FT I.D.: IN

DRILL PIPE LENGTH: 3290

FT I.D.: 3.8 IN

TEST TOOL LENGTH: 29

FT TOOL SIZE: 5 1/2 O.D. IN

ANCHOR LENGTH: 38

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 XH IN

BLOW: STRONG BLOWS THROUGHOUT BOTH FLOW PERIODS.

RECOVERED: 130 FT OF: MUD
RECOVERED: 1751 FT OF: WATER; CHLORIDES 126000 P.P.M.
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): 6:50 A.M.

TIME STARTED OFF BOTTOM: 9:20 A.M.

WELL TEMPERATURE: 112 °F

INITIAL HYDROSTATIC PRESSURE:

(A) 1827 PSI

INITIAL FLOW PERIOD

MIN: 30

(B) 206 PSI TO (C) 534 PSI

INITIAL CLOSED IN PERIOD

MIN: 30

(D) 1552 PSI

FINAL FLOW PERIOD

MIN: 60

(E) 605 PSI TO (F) 947 PSI

FINAL CLOSED IN PERIOD

MIN: 33

(G) 1560 PSI

FINAL HYDROSTATIC PRESSURE

(H) 1785 PSI

TEST: 1

COUNTY: HARPER
RANGE: 4025

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TIME - GIVEN	TIME - ACTUAL
30 MIN	30 MIN
30 MIN	30 MIN
60 MIN	60 MIN
30 MIN	33 MIN

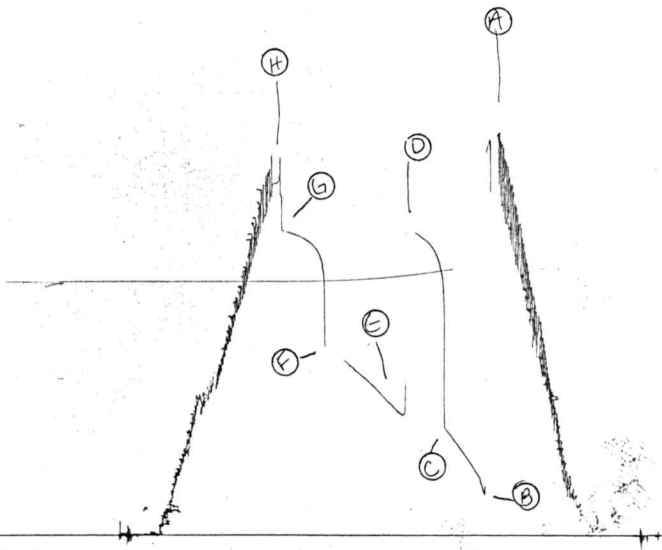
PT	FIRST FLOW		INITIAL SHUT-IN		SECOND FLOW		FINAL SHUT-IN	
	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE
1	0	206	0	534	0	605	0	947
2	5	299	3	1317	5	619	3	1410
3	10	353	6	1398	10	652	6	1471
4	15	404	9	1442	15	690	9	1490
5	20	451	12	1473	20	723	12	1503
6	25	496	15	1493	25	759	15	1514
7	30	534	18	1509	30	791	18	1522
8			21	1524	35	819	21	1530
9			24	1534	40	850	24	1538
10			27	1544	45	879	27	1546
11			30	1552	50	904	30	1553
12					55	929	33	1560
13					60	947		

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13402
DST #1

tick # 7391

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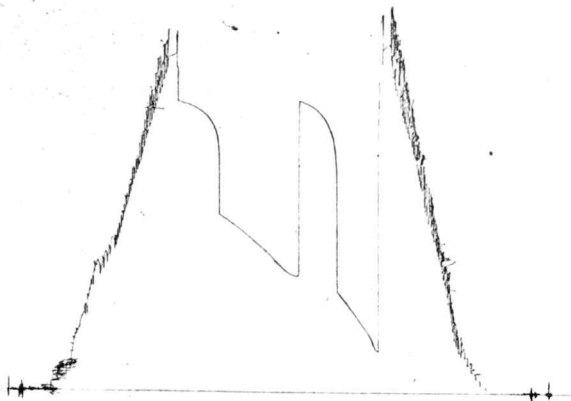


1559

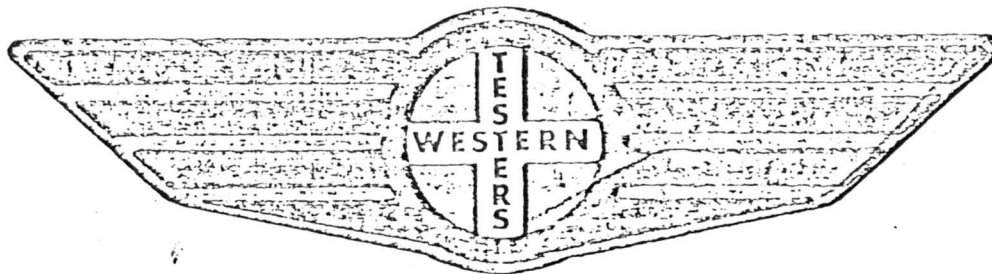
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TKT# 7391

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FORMATION TEST REPORT



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Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 10/17/84
CUSTOMER: F.G. HOLL
WELL: 1-8
ELEVATION (KB): 1293
SECTION: 8
RANGE: 8W
GAUGE SN #13402

TEST: 2
FORMATION: FORT SCOTT
TOWNSHIP: 34S
COUNTY: HARPER
RANGE: 4025

TICKET #7392
LEASE: BURNET
GEOLOGIST: ?
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 4438 FT TO: 4465 FT TOTAL DEPTH: 4465 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4433 FT SIZE: 6 3/4 IN PACKER DEPTH: 4438 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: STERLING DRLO
MUD TYPE: CHEMICAL VISCOSITY: 46
WEIGHT: 9.4 WATER LOSS (CC): 44.0
CHLORIDES (P.P.M.): 17000
JARS - MAKE: WTC SERIAL NUMBER: 406
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 420 FT I.D.: 2.2 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 3989 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 29 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 27 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 XH IN

BLOW: WEAK BLOW THROUGHOUT TEST.

RECOVERED: 150	FT	OF: GAS ABOVE FLUID.
RECOVERED: 30	FT	OF: GAS CUT MUD.
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
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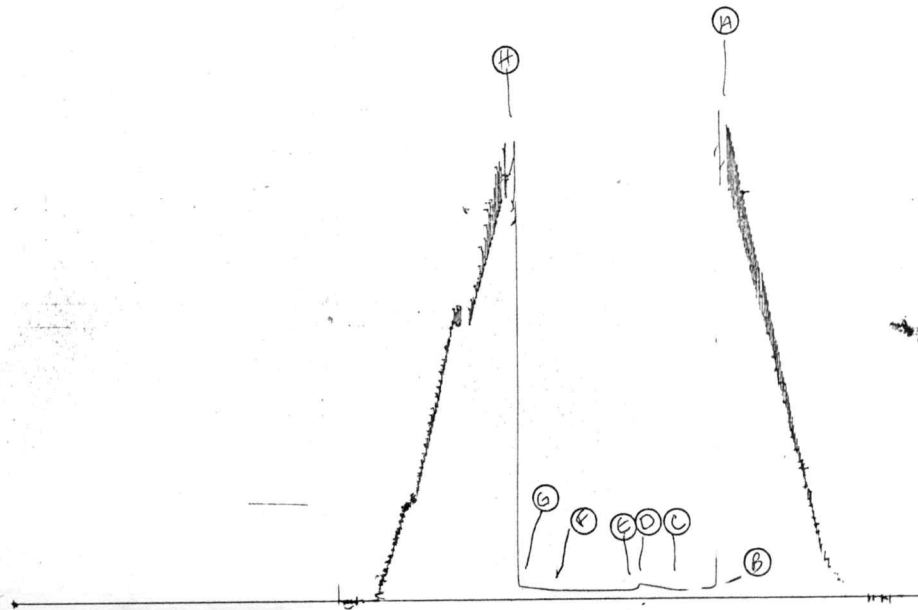
REMARKS:

TIME SET PACKER(S): 10:30 AM	TIME STARTED OFF BOTTOM: 1:00 PM
WELL TEMPERATURE: 120 °F	
INITIAL HYDROSTATIC PRESSURE:	(A) 2255 PSI
INITIAL FLOW PERIOD MIN: 30	(B) 40 PSI TO (C) 40 PSI
INITIAL CLOSED IN PERIOD MIN: 30	(D) 71 PSI
FINAL FLOW PERIOD MIN: 60	(E) 38 PSI TO (F) 38 PSI
FINAL CLOSED IN PERIOD MIN: 30	(G) 58 PSI
FINAL HYDROSTATIC PRESSURE	(H) 2255 PSI

13402
DST #2

tick# 7392

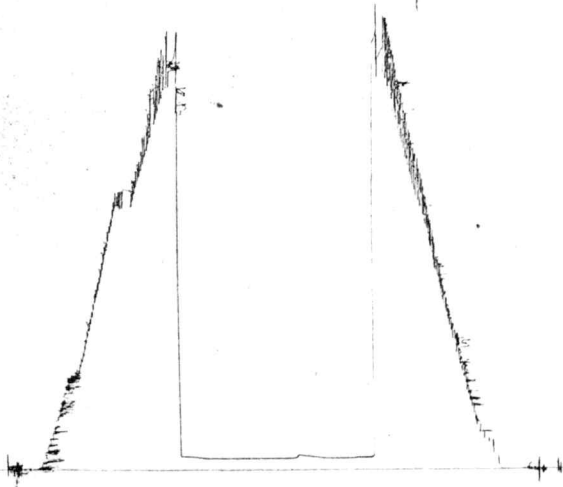
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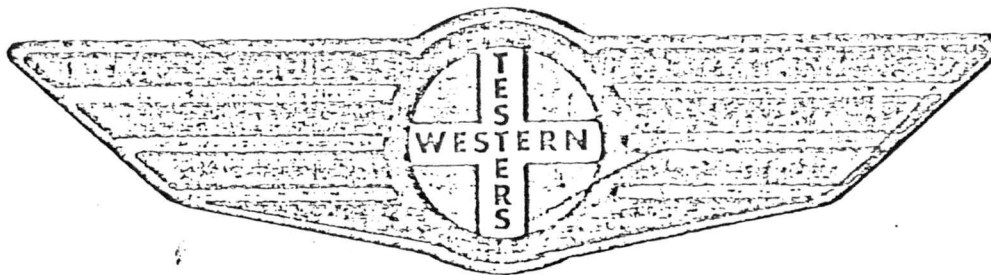
1559
DST #2

HC # 7392

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FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 10/18/84
CUSTOMER: F.G. HOLL
WELL: 1-8
ELEVATION (KB): 1293
SECTION: 8
RANGE: 8W
GAUGE SN #1559

TEST: 3
FORMATION: MISSISSIPPI
TOWNSHIP: 34S
COUNTY: HARPER
RANGE: 4200

TICKET #7393
LEASE: BURNET
GEOLOGIST: ?
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 4590 FT TO: 4618 FT TOTAL DEPTH: 4618 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4585 FT SIZE: 6 3/4 IN PACKER DEPTH: 4590 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: STERLING DRLO
MUD TYPE: CHEMICAL VISCOSITY: 44
WEIGHT: 9.5 WATER LOSS (CC): 40.0
CHLORIDES (P.P.M.): 28000
JARS - MAKE: WTC SERIAL NUMBER: 406
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 420 FT I.D.: 2.2 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4141 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 29 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 28 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 XH IN

BLOW: WEAK BLOW THROUGHOUT TEST.

RECOVERED: 10 FT OF: MUD.
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
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RECOVERED: FT OF:
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RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS: READ OUTSIDE CHART.

TIME SET PACKER(S): 10:55 AM TIME STARTED OFF BOTTOM: 1:25 PM
WELL TEMPERATURE: 124 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2348 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 77 PSI TO (C) 102 PSI
INITIAL CLOSED IN PERIOD MIN: 30 (D) 109 PSI
FINAL FLOW PERIOD MIN: 60 (E) 78 PSI TO (F) 44 PSI
FINAL CLOSED IN PERIOD MIN: 30 (G) 51 PSI
FINAL HYDROSTATIC PRESSURE (H) 2316 PSI

1559
DST # 3

+CC# 7393

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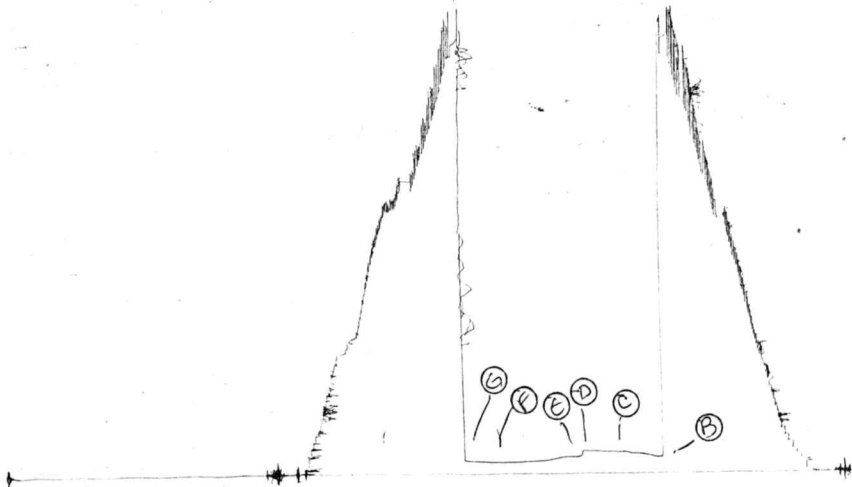
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13402
DST #3

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