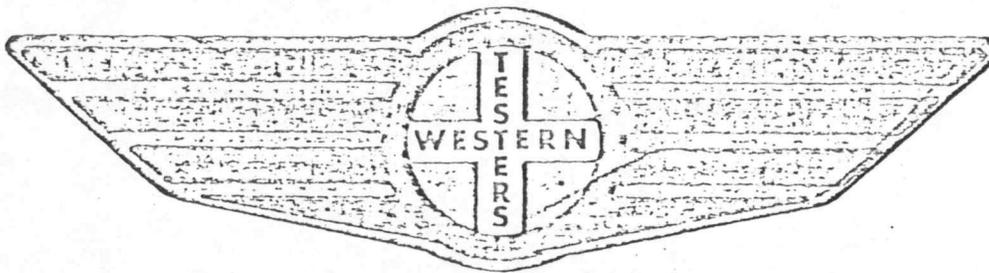


FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

Company KAN-EX, INC. Lease and Well No. #1 EVERITT Sec. 14 Twp. 29S Rge. 12W Test No. 1 Date 1/3/84

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 1/3/84
CUSTOMER: KAN-EX INC.
WELL: 1
ELEVATION (KB): 1874
SECTION: 14
RANGE: 12W
GAUGE SN #2606

TEST: 1
COUNTY: PRATT
RANGE: 4150

FORMATION: MISS
TOWNSHIP: 29S

TICKET #2794
LEASE: EVERITT
GEOLOGIST: SPAIN
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 4272 FT TO: 4320 FT TOTAL DEPTH: 4320 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4367 FT SIZE: 6 3/4 IN PAKER DEPTH: 4272 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PAKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: UNION DRLG #4
MUD TYPE: STARCH VISCOSITY: 48
WEIGHT: 9.4 WATER LOSS (CC): 13.6
CHLORIDES (P.P.M.): 26000
JARS - MAKE: W.T.C. SERIAL NUMBER: 409
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 30 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4214 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 28 FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 48 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: INITIAL FLOW PERIOD WEAK BLOW TO
VERY WEAK BLOW. FINAL FLOW PERIOD
VERY WEAK FOR 20 MINUTES.

RECOVERED: 25 FT OF: DRLG MUD.
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 10:45 P.M. TIME STARTED OFF BOTTOM: 2:30 A.M.
WELL TEMPERATURE: 124 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2242 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 35 PSI TO (C) 35 PSI
INITIAL CLOSED IN PERIOD MIN: 54 (D) 47 PSI
FINAL FLOW PERIOD MIN: 45 (E) 38 PSI TO (F) 38 PSI
FINAL CLOSED IN PERIOD MIN: 84 (G) 40 PSI
FINAL HYDROSTATIC PRESSURE (H) 2086 PSI

WESTERN TESTING CO., INC.

Pressure Data

Date: 1-3 Test Ticket No. 2794
 Recorder No. 2606 Capacity _____ Location _____ Ft.
 Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2242</u> P.S.I.		M
B First Initial Flow Pressure	<u>35</u> P.S.I.		Mins. _____ Mins.
C First Final Flow Pressure	<u>35</u> P.S.I.		Mins. _____ Mins.
D Initial Closed-in Pressure	<u>47</u> P.S.I.		Mins. _____ Mins.
E Second Initial Flow Pressure	<u>38</u> P.S.I.		Mins. _____ Mins.
F Second Final Flow Pressure	<u>38</u> P.S.I.		Mins. _____ Mins.
G Final Closed-in Pressure	<u>40</u> P.S.I.		
H Final Hydrostatic Mud	<u>2086</u> P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure
 Breakdown: 7 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Initial Shut-In
 Breakdown: 19 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Second Flow Pressure
 Breakdown: 10 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Final Shut-In
 Breakdown: 29 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	<u>35</u>	0	<u>35</u>	0	<u>38</u>	0	<u>38</u>
P 2 5	<u>35</u>	3	<u>35</u>	5	<u>38</u>	3	<u>38</u>
P 3 10	<u>35</u>	6	<u>35</u>	10	<u>38</u>	6	<u>38</u>
P 4 15	<u>35</u>	9	<u>36</u>	15	<u>38</u>	9	<u>38</u>
P 5 20	<u>35</u>	12	<u>36</u>	20	<u>38</u>	12	<u>38</u>
P 6 25	<u>35</u>	15	<u>36</u>	25	<u>38</u>	15	<u>38</u>
P 7 30	<u>35</u>	18	<u>36</u>	30	<u>38</u>	18	<u>38</u>
P 8 35	<u>35</u>	21	<u>37</u>	35	<u>38</u>	21	<u>38</u>
P 9 40	<u>35</u>	24	<u>38</u>	40	<u>38</u>	24	<u>38</u>
P10 45	<u>35</u>	27	<u>39</u>	45	<u>38</u>	27	<u>38</u>
P11 50	<u>35</u>	30	<u>40</u>	50	<u>38</u>	30	<u>38</u>
P12 55	<u>35</u>	33	<u>41</u>	55	<u>38</u>	33	<u>38</u>
P13 60	<u>35</u>	36	<u>42</u>	60	<u>38</u>	36	<u>38</u>
P14	<u>35</u>	39	<u>43</u>	65	<u>38</u>	39	<u>38</u>
P15	<u>35</u>	42	<u>44</u>	70	<u>38</u>	42	<u>38</u>
P16	<u>35</u>	45	<u>45</u>	75	<u>38</u>	45	<u>38</u>
P17	<u>35</u>	48	<u>46</u>	80	<u>38</u>	48	<u>38</u>
P18	<u>35</u>	51	<u>47</u>	85	<u>38</u>	51	<u>38</u>
P19	<u>35</u>	54	<u>47</u>	90	<u>38</u>	54	<u>38</u>
P20	<u>35</u>	57	<u>47</u>		<u>38</u>	57	<u>38</u>
	<u>35</u>	60	<u>47</u>		<u>38</u>	60	<u>38</u>

WESTERN TESTING CO., INC.

Pressure Data

Date _____ Test Ticket No. _____
 Recorder No. _____ Capacity _____ Location _____ Ft.
 Clock No. _____ Elevation _____ Well Temperature _____ °F

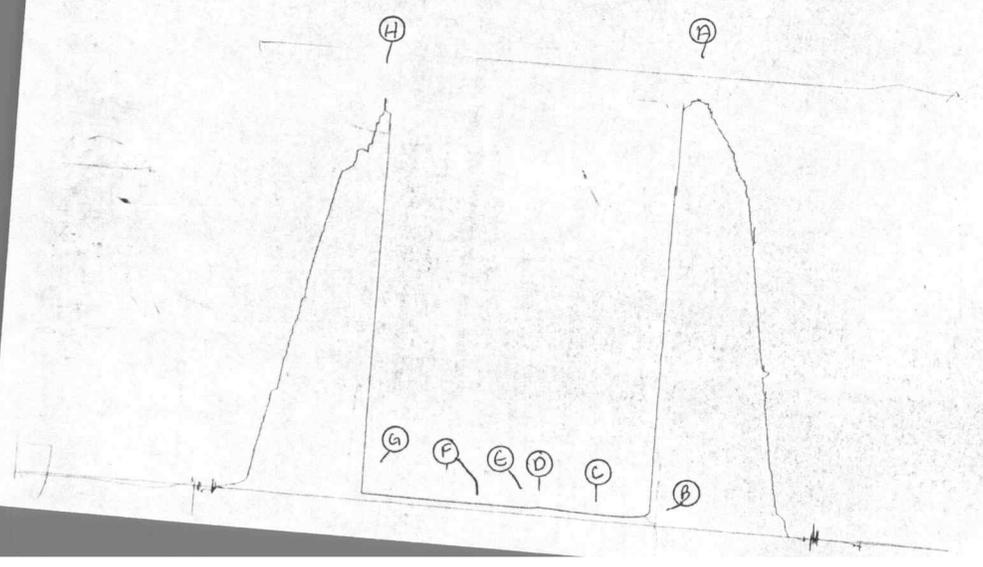
Point	Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud _____ P.S.I.	Open Tool	_____ M	_____
B	First Initial Flow Pressure _____ P.S.I.	First Flow Pressure	_____ Mins.	_____ Mins.
C	First Final Flow Pressure _____ P.S.I.	Initial Closed-in Pressure	_____ Mins.	_____ Mins.
D	Initial Closed-in Pressure _____ P.S.I.	Second Flow Pressure	_____ Mins.	_____ Mins.
E	Second Initial Flow Pressure _____ P.S.I.	Final Closed-in Pressure	_____ Mins.	_____ Mins.
F	Second Final Flow Pressure _____ P.S.I.			
G	Final Closed-in Pressure _____ P.S.I.			
H	Final Hydrostatic Mud _____ P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: _____ Inc.							
of _____ 5 _____ mins. and a		of _____ 3 _____ mins. and a		of _____ 5 _____ mins. and a		of _____ 3 _____ mins. and a	
final inc. of _____ 0 _____ Min.		final inc. of _____ 0 _____ Min.		final inc. of _____ 0 _____ Min.		final inc. of _____ 0 _____ Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	_____	63	_____	_____	_____	63	39
P 2	_____	66	_____	_____	_____	66	39
P 3	_____	69	_____	_____	_____	69	39
P 4	_____	72	_____	_____	_____	72	39
P 5	_____	75	_____	_____	_____	75	40
P 6	_____	78	_____	_____	_____	78	7
P 7	_____	81	_____	_____	_____	81	40
P 8	_____	84	_____	_____	_____	84	_____
P 9	_____	87	_____	_____	_____	87	_____
P10	_____	90	_____	_____	_____	90	_____
P11	_____	93	_____	_____	_____	93	_____
P12	_____	96	_____	_____	_____	96	_____
P13	_____	99	_____	_____	_____	99	_____
P14	_____	102	_____	_____	_____	102	_____
P15	_____	105	_____	_____	_____	105	_____
P16	_____	108	_____	_____	_____	108	_____
P17	_____	111	_____	_____	_____	111	_____
P18	_____	114	_____	_____	_____	114	_____
P19	_____	117	_____	_____	_____	117	_____
P20	_____	120	_____	_____	_____	120	_____

TCR# 2794

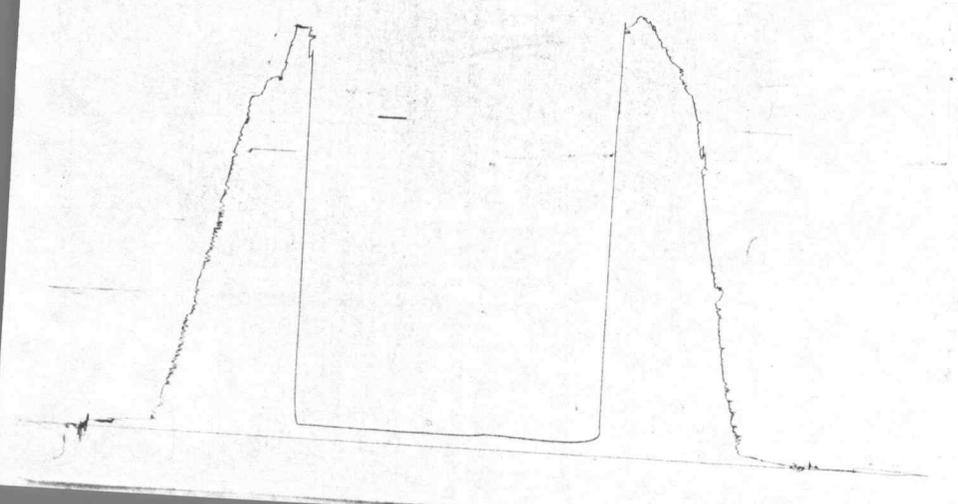
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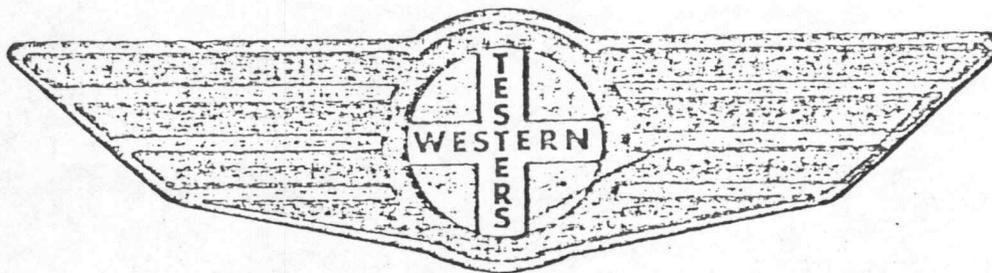
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FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

Company KAN-EX, INC. Lease and Well No. #1 EVERETT

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 1/5/84
CUSTOMER: KAN-EX INC
WELL: 1
ELEVATION (KB): 1874
SECTION: 14
RANGE: 12W
GAUGE SN #2606

TEST: 2
COUNTY: PRATT
RANGE: 4150

TICKET #2795
LEASE: EVERITT
GEOLOGIST: SPAIN
FORMATION: VIOLA
TOWNSHIP: 29S
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 4459 FT TO: 4472 FT TOTAL DEPTH: 4472 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4454 FT SIZE: 6 3/4 IN PACKER DEPTH: 4459 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: UNION DRLG #4
MUD TYPE: STARCH VISCOSITY: 44
WEIGHT: 9.6 WATER LOSS (CC): 14.8
CHLORIDES (P.P.M.): 30000
JARS - MAKE: W.T.C. SERIAL NUMBER: 409
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 30 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4401 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 28 FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 13 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: INITIAL & FINAL FLOW PERIODS BOTH
HAD STRONG BLOWS THROUGHOUT.
WOULD NOT MAINTAIN 2" LINE.

RECOVERED: 30 FT OF: GAS CUT MUD.
RECOVERED: 30 FT OF: HEAVY OIL CUT GASSY MUD.
RECOVERED: 5 FT OF: FREE OIL.
RECOVERED: 806 FT OF: GAS ABOVE FLUID.
RECOVERED: FT OF:
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RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

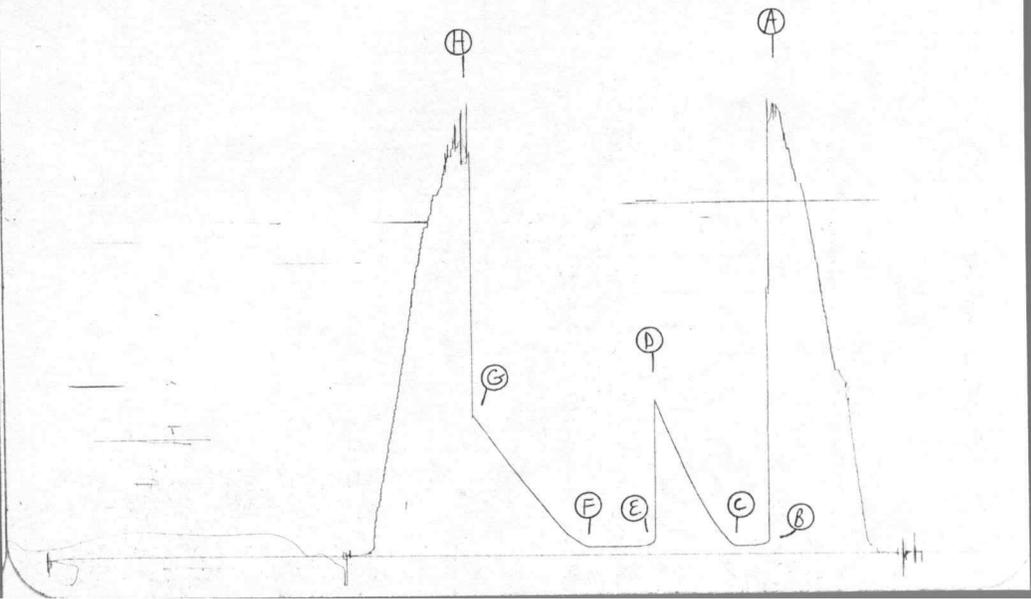
REMARKS:

TIME SET PACKER(S): 8:00 A.M. TIME STARTED OFF BOTTOM: 11:45 A.M.
WELL TEMPERATURE: 126 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2336 PSI
INITIAL FLOW PERIOD MIN: 25 (B) 46 PSI TO (C) 46 PSI
INITIAL CLOSED IN PERIOD MIN: 63 (D) 846 PSI
FINAL FLOW PERIOD MIN: 50 (E) 44 PSI TO (F) 44 PSI
FINAL CLOSED IN PERIOD MIN: 87 (G) 770 PSI
FINAL HYDROSTATIC PRESSURE (H) 2213 PSI

2600 VSI - W

TKT # 2795

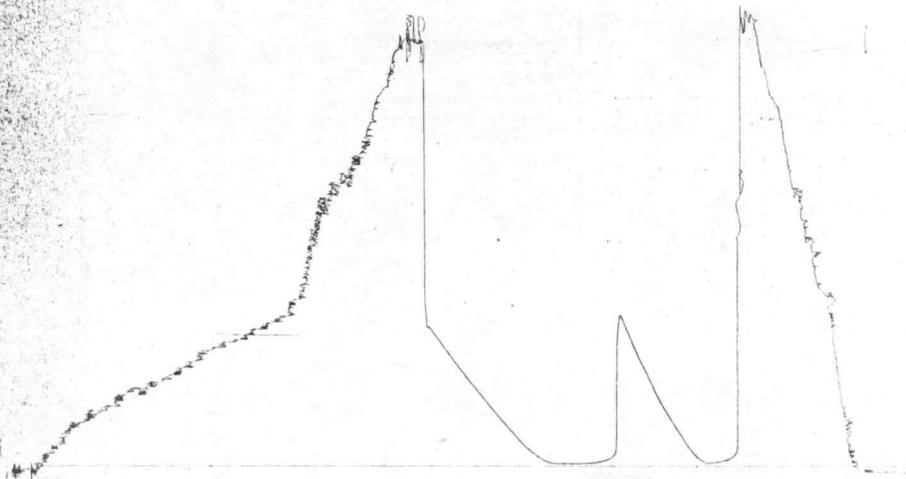
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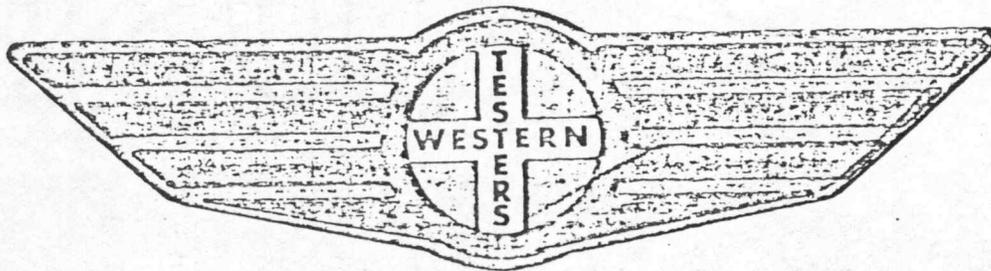
13261 DST#2

TKT # 2795

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FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

pany KAN-EX, INC. Lease and Well No. #1 EVERETT Sec. 14 TWP. 29S. 86E. 14W

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 1/5/84
CUSTOMER: KAN-EX INC.
WELL: 1
ELEVATION (KB): 1874
SECTION: 14
RANGE: 12W
GAUGE SN #2606

TEST: 3
FORMATION: VIOLA
TOWNSHIP: 29S
COUNTY: PRATT
RANGE: 4150

TICKET #2796
LEASE: EVERITT
GEOLOGIST: SPAIN
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 4472 FT TO: 4487 FT TOTAL DEPTH: 4487 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4467 FT SIZE: 6 3/4 IN PAKER DEPTH: 4472 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PAKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: UNION DRLG
MUD TYPE: STARCH VISCOSITY: 44
WEIGHT: 9.6 WATER LOSS (CC): 14.3
CHLORIDES (P.P.M.): 30000

JARS - MAKE: WTC SERIAL NUMBER: 409
DID WELL FLOW? NO REVERSED OUT? NO

DRILL COLLAR LENGTH: 30 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4414 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 28 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 XH IN

BLOW: INITIAL FLOW PERIOD VERY WEAK BLOW.
FINAL FLOW PERIOD VERY WEAK BLOW FOR 20
MINUTES. THEN DIED.

RECOVERED: 25 FT OF: DRILLING MUD.
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 11:30 PM TIME STARTED OFF BOTTOM: 3:15 AM
WELL TEMPERATURE: 128 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2411 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 34 PSI TO (C) 34 PSI
INITIAL CLOSED IN PERIOD MIN: 54 (D) 38 PSI
FINAL FLOW PERIOD MIN: 45 (E) 33 PSI TO (F) 33 PSI
FINAL CLOSED IN PERIOD MIN: 90 (G) 40 PSI
FINAL HYDROSTATIC PRESSURE (H) 2261 PSI

PT	FIRST FLOW MIN PRESSURE	INITIAL SHUT-IN MIN PRESSURE	SECOND FLOW MIN PRESSURE	FINAL SHUT-IN MIN PRESSURE
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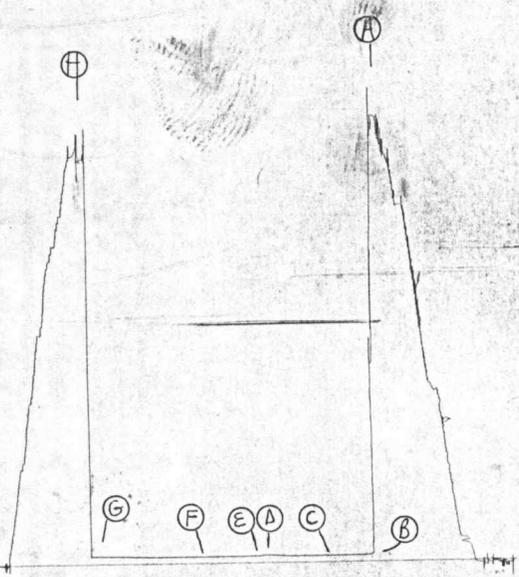
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TKT # 2796

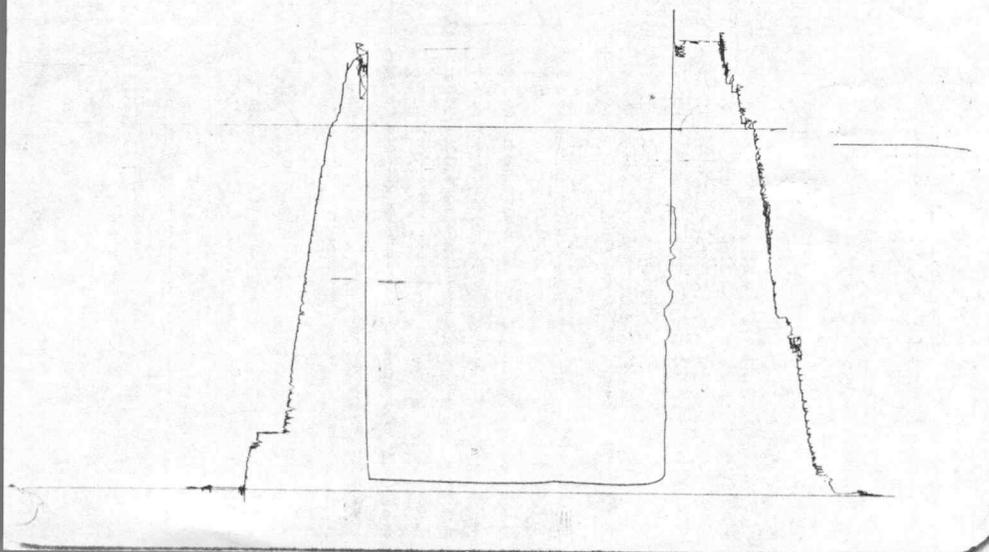
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13207

TKT # 2796

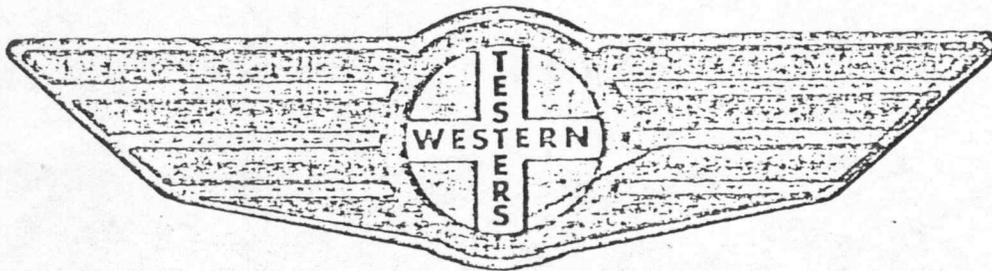
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FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 1/6/84
CUSTOMER: KAN-EX INC.
WELL: 1
ELEVATION (KB): 1874
SECTION: 14
RANGE: 12W
GAUGE SN #2606

TEST: 4
FORMATION: SIMPSON
TOWNSHIP: 29S
COUNTY: PRATT
RANGE: 4150

TICKET #2797
LEASE: EVERITT
GEOLOGIST: SPAIN
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 4557 FT TO: 4577 FT TOTAL DEPTH: 4577 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4552 FT SIZE: 6 3/4 IN PAKER DEPTH: 4557 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PAKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: UNION DRLG
MUD TYPE: STARCH VISCOSITY: 44
WEIGHT: 9.6 WATER LOSS (CC): 9.6
CHLORIDES (P.P.M.): 33000
JARS - MAKE: WTC SERIAL NUMBER: 409
DID WELL FLOW? NO REVERSED OUT? YES
DRILL COLLAR LENGTH: 30 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4499 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 28 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 20 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: STRONG BLOW THROUGHOUT TEST.

RECOVERED: 2564 FT OF: WATER. CHLORIDES 83000 PPM.
RECOVERED: FT OF:
RECOVERED: FT OF:

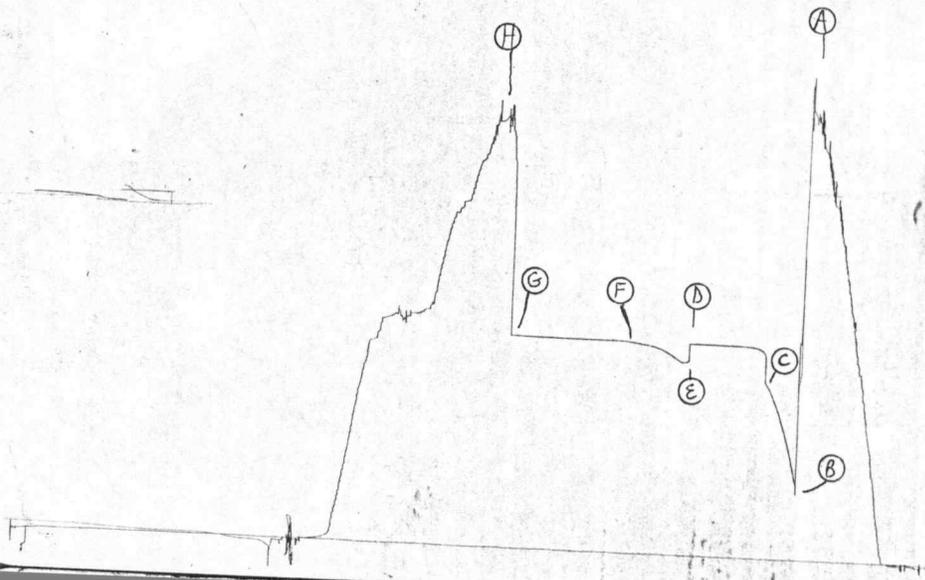
REMARKS:

TIME SET PACKER(S): 11:15 PM TIME STARTED OFF BOTTOM: 3:00 AM
WELL TEMPERATURE: 145 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2389 PSI
INITIAL FLOW PERIOD MIN: 25 (B) 397 PSI TO (C) 950 PSI
INITIAL CLOSED IN PERIOD MIN: 60 (D) 1143 PSI
FINAL FLOW PERIOD MIN: 45 (E) 1040 PSI TO (F) 1143 PSI
FINAL CLOSED IN PERIOD MIN: 87 (G) 1149 PSI
FINAL HYDROSTATIC PRESSURE (H) 2389 PSI

2406 WPT#4

TKT # 2797

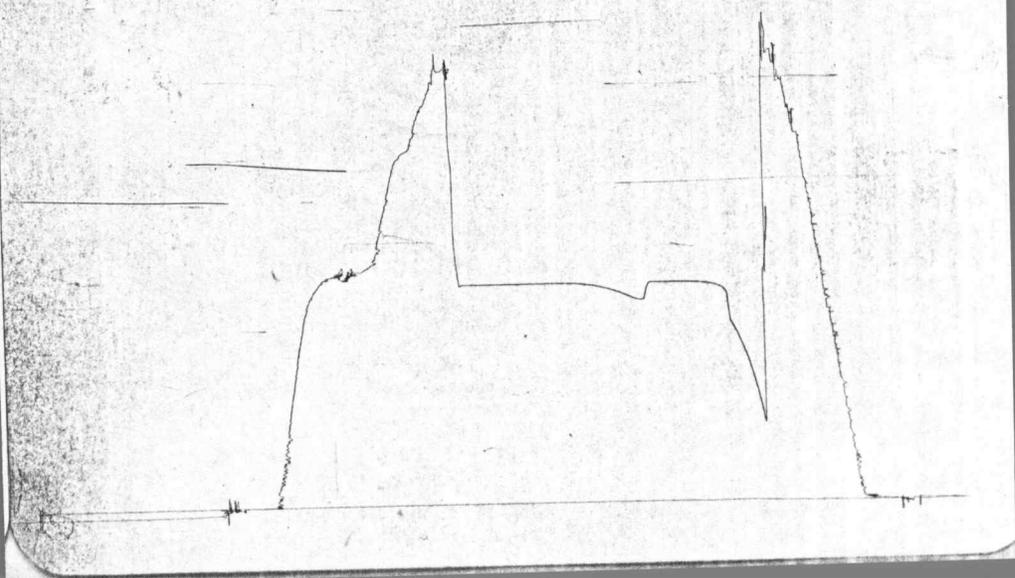
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13267 DST #4

TKT # 2797

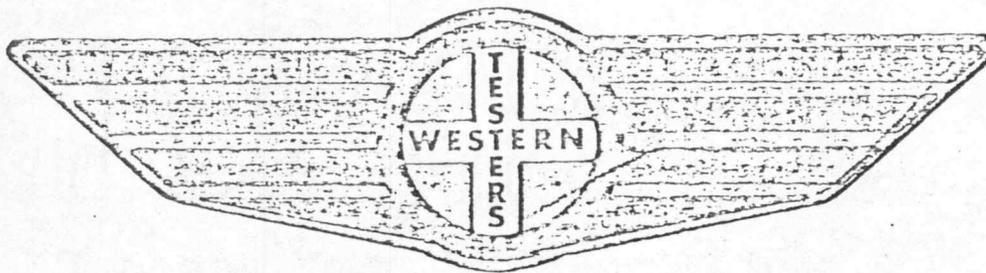
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FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

pany KAN-EX, INC. Lease and Well No. #1 EVERETT Sec. 14 Twp. 29S Rge. 12W Test No. 5 Date 1/9/84

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 1/9/84
CUSTOMER: KAN-EX INC.
WELL: 1
ELEVATION (KB): 1874
SECTION: 14
RANGE: 12W
GAUGE SN #2606

TEST: 5
COUNTY: PRATT
RANGE: 4150

TICKET #2798
LEASE: EVERITT
GEOLOGIST: SPAIN
FORMATION: LANSING
TOWNSHIP: 29S
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 4020 FT TO: 4045 FT TOTAL DEPTH: 4720 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4015 FT SIZE: 6 3/4 IN PAKER DEPTH: 4020 FT SIZE: 6 3/4 IN
PACKER DEPTH: 4045 FT SIZE: 6 3/4 IN PAKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: UNION DRLG
MUD TYPE: STARCH VISCOSITY: 42
WEIGHT: 9.5 WATER LOSS (CC): 10.0
CHLORIDES (P.P.M.): 38000
JARS - MAKE: WTC SERIAL NUMBER: 409
DID WELL FLOW? NO REVERSED OUT? NO

DRILL COLLAR LENGTH: 30 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4622 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 28 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 25 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: INITIAL FLOW PERIOD WEAK BLOW
BUILDING TO STRONG BLOW.
FINAL FLOW PERIOD STRONG BLOW.
NO GAS TO SURFACE.

RECOVERED: 750 FT OF: WATER. CHLORIDES 110000 PPM.
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS: 675 FEET OF TAIL PIPE. (660'+15' PERFS.)

TIME SET PACKER(S): 6:15 AM

TIME STARTED OFF BOTTOM: 10:15 AM

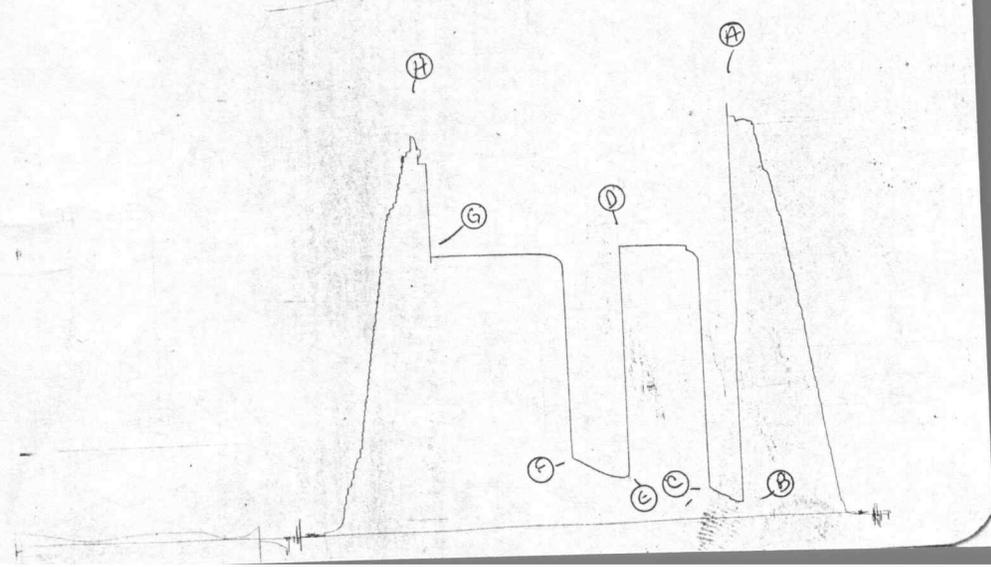
WELL TEMPERATURE: 125 °F

INITIAL HYDROSTATIC PRESSURE: (A) 2156 PSI
INITIAL FLOW PERIOD MIN: 25 (B) 81 PSI TO (C) 166 PSI
INITIAL CLOSED IN PERIOD MIN: 60 (D) 1480 PSI
FINAL FLOW PERIOD MIN: 45 (E) 239 PSI TO (F) 360 PSI
FINAL CLOSED IN PERIOD MIN: 96 (G) 1471 PSI
FINAL HYDROSTATIC PRESSURE (H) 2126 PSI

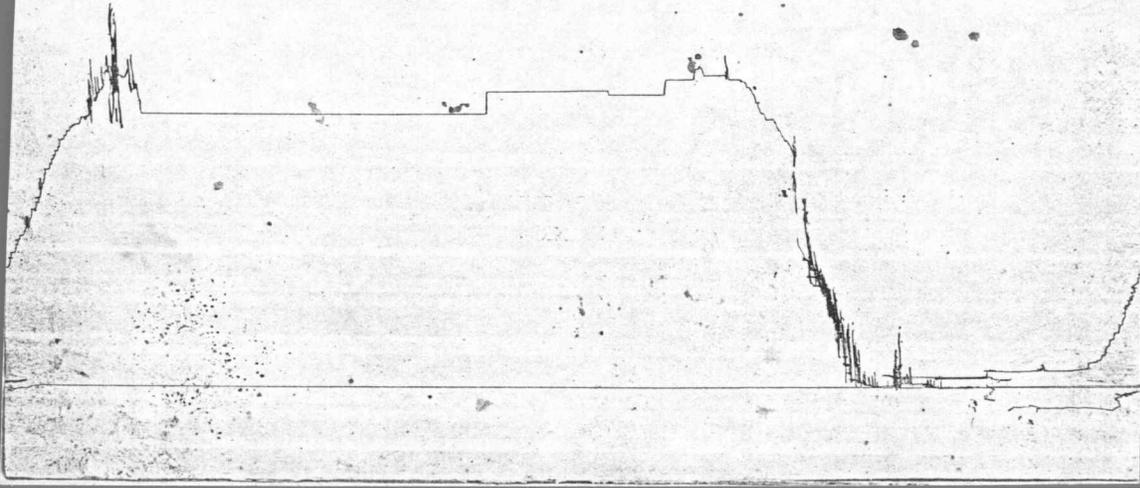
2000-2010

HCC 2 170

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HC# 27.98
Below Straddle



13267 DST #5

TCF# 2798

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