

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 8/15/83
CUSTOMER: KAN-EX INC.
WELL: 1
ELEVATION (KB): 0
SECTION: 4
RANGE: 12W
GAUGE SN #13240

TEST: 1
COUNTY: PRATT
RANGE: 4500

TICKET #2255
LEASE: "A" BRUBAKER
GEOLOGIST: SPAIN
FORMATION: DOUGLAS SAND
TOWNSHIP: 29S
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 3662 FT TO: 3702 FT TOTAL DEPTH: 3702 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3658 FT SIZE: 6 5/8 IN PACKER DEPTH: 3662 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: UNION DRLG
MUD TYPE: STARCH VISCOSITY: 57
WEIGHT: 9.6 WATER LOSS (CC): 12.2
CHLORIDES (P.P.M.): 19000
JARS - MAKE: WTC SERIAL NUMBER: 403
DID WELL FLOW? REVERSED OUT? NO
DRILL COLLAR LENGTH: 480 FT I.D.: 2.7 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 3153 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 29 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 40 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-
INCREASED TO FAIR IN 15 MINUTES.
FINAL FLOW PERIOD STEADY 1 INCH
BLOW THROUGHOUT.

RECOVERED: 70 FT OF: WATERY MUD
RECOVERED: 300 FT OF: MUDDY WATER
RECOVERED: FT OF:
RECOVERED: FT OF: CHLORIDES 68000 PPM
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS:

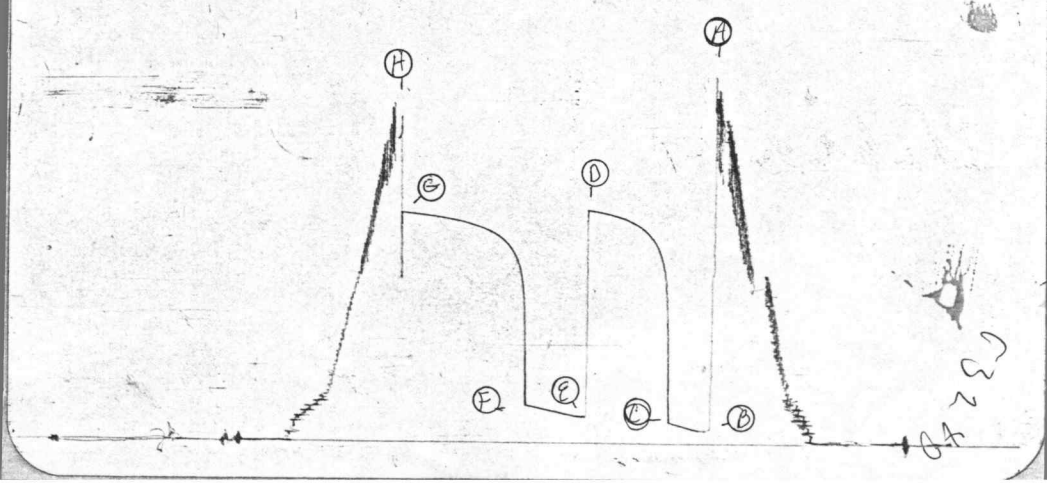
TIME SET PACKER(S): 2:38 PM
WELL TEMPERATURE: 118 °F

TIME STARTED OFF BOTTOM: 6:25 PM

INITIAL HYDROSTATIC PRESSURE: (A) 1772 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 72 PSI TO (C) 120 PSI
INITIAL CLOSED IN PERIOD MIN: 63 (D) 1369 PSI
FINAL FLOW PERIOD MIN: 45 (E) 156 PSI TO (F) 220 PSI
FINAL CLOSED IN PERIOD MIN: 90 (G) 1351 PSI
FINAL HYDROSTATIC PRESSURE (H) 1772 PSI

TKT # 2255

I



WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 8/18/83
CUSTOMER: KAN-EX INC.
WELL: 1
ELEVATION (KB): 1892
SECTION: 4
RANGE: 12W
GAUGE SN #10980

TEST: 2
COUNTY: PRATT
RANGE: 4200

FORMATION: MISSISSIPPI
TOWNSHIP: 29S
STATE: KANSAS
CLOCK: 12

TICKET #2104
LEASE: "A" BRUBAKER
GEOLOGIST: SPAIN

INTERVAL TEST FROM: 4260 FT TO: 4277 FT TOTAL DEPTH: 4277 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4260 FT SIZE: 6 5/8 IN PACKER DEPTH: 4255 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: UNION

MUD TYPE: STARCH VISCOSITY: 45
WEIGHT: 9.5 WATER LOSS (CC): 10.2
CHLORIDES (P.P.M.): 26000

JARS - MAKE: WTC SERIAL NUMBER: 417
DID WELL FLOW? GAS REVERSED OUT?

DRILL COLLAR LENGTH: 492 FT I.D.: 2.2 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 3741 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 27 FT TOOL SIZE: 4 1/2 IN
ANCHOR LENGTH: 17 FT SIZE: 5 1/2 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.
GAS TO SURFACE IN 20 MINUTES ON
FINAL FLOW PERIOD.

RECOVERED: 30 FT OF: MUD & GAS CUT OIL
RECOVERED: FT OF: 40% MUD; 40% OIL; 4% WATER; 16% GAS
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): 6:25 AM
WELL TEMPERATURE: 116 °F
INITIAL HYDROSTATIC PRESSURE:
INITIAL FLOW PERIOD MIN: 30
INITIAL CLOSED IN PERIOD MIN: 60
FINAL FLOW PERIOD MIN: 45
FINAL CLOSED IN PERIOD MIN: 90
FINAL HYDROSTATIC PRESSURE

TIME STARTED OFF BOTTOM: 10:10 AM
(A) 2170 PSI
(B) 64 PSI TO (C) 65 PSI
(D) 1227 PSI
(E) 50 PSI TO (F) 52 PSI
(G) 1329 PSI
(H) 2170 PSI

WESTERN TESTING CO., INC.
GAS FLOW REPORT

DATE: 8/18/83
CUSTOMER: KAN-EX INC.
WELL: 1
ELEVATION (KB): 1892
SECTION: 4
RANGE: 12W
GAUGE SN #10980

TEST: 2

COUNTY: PRATT
RANGE: 4200

TICKET #2104
LEASE: "A" BRUBAKER
GEOLOGIST: SPAIN
FORMATION: MISSISSIPPI
TOWNSHIP: 29S
STATE: KANSAS
CLOCK: 12

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

PRE FLOW

SECOND FLOW

20				GAS TO SURFACE
20	MERLA	1/4	3" WTR	2920 CFPD
30		1/4	11" WTR	5600 CFPD
40		1/4	16" WTR	6720 CFPD

GAS BOTTLE SN #:
DATE BOTTLE FILLED:
DATE TO BE INVOICED: 8/18/83

TKT # 2104

I

10986

