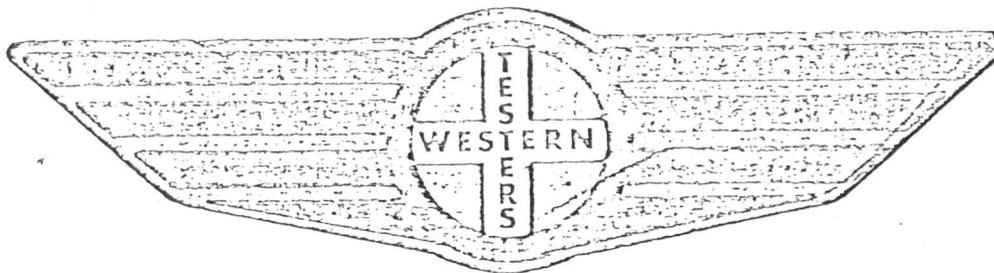


FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

Company

AMBER EXPLORATION

Lease and Well No.

#1-27 OSBORN

Sec. 27

Twp. 19S Rge.

24W

Test No. 1

Date 4/18/84

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 4/18/84
 CUSTOMER: AMBER EXPLORATION
 WELL: 1-27 TEST: 1
 ELEVATION (KB): 2282 FORMATION: FORT SCOTT
 SECTION: 27 TOWNSHIP: 19S
 RANGE: 24W COUNTY: NESS STATE: KANSAS
 GAUGE SN #4339 RANGE: 4300 CLOCK: 12

INTERVAL TEST FROM: 4251 FT TO: 4273 FT TOTAL DEPTH: 4273 FT
 DEPTH OF SELECTIVE ZONE: FT
 PACKER DEPTH: 4246 FT SIZE: 6 3/4 IN PACKER DEPTH: 4251 FT SIZE: 6 3/4 IN
 PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: ALLEN DRLG
 MUD TYPE: STARCH VISCOSITY: 40
 WEIGHT: 9.9 WATER LOSS (CC): 10.4
 CHLORIDES (P.P.M.): 25000
 JARS - MAKE: WTC SERIAL NUMBER: 420
 DID WELL FLOW? NO REVERSED OUT?
 DRILL COLLAR LENGTH: FT I.D.: IN
 WEIGHT PIPE LENGTH: FT I.D.: IN
 DRILL PIPE LENGTH: 4223 FT I.D.: 3.8 IN
 TEST TOOL LENGTH: 28 FT TOOL SIZE: 5 1/2 OD IN
 ANCHOR LENGTH: 22 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 1/2" BLOW
 DECREASING TO TOP OF WATER.
 FINAL FLOW PERIOD NO BLOW. A FEW
 BUBBLES; THEN DEAD.

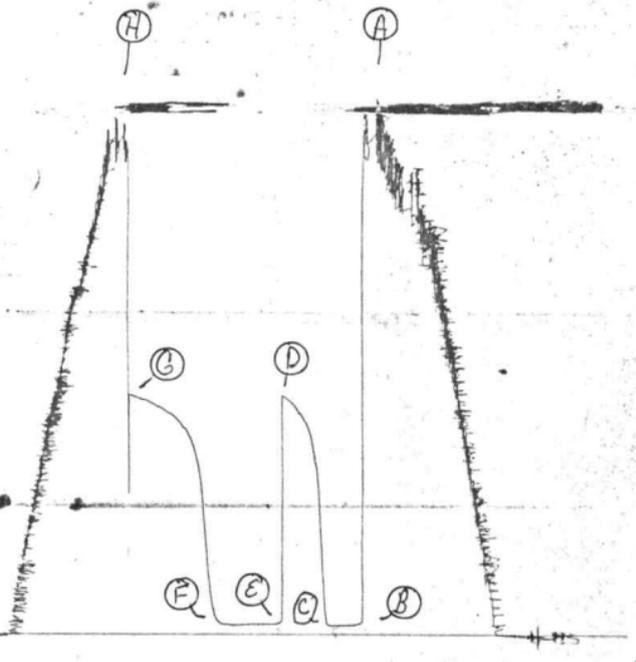
RECOVERED: 15 FT OF: MUD. CHLORIDES 26000 PPM.
 RECOVERED: FT OF:
 RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 10:50 PM TIME STARTED OFF BOTTOM: 1:05 AM
 WELL TEMPERATURE: 118 °F
 INITIAL HYDROSTATIC PRESSURE: (A) 2332 PSI
 INITIAL FLOW PERIOD MIN: 15 (B) 40 PSI TO (C) 40 PSI
 INITIAL CLOSED IN PERIOD MIN: 36 (D) 1083 PSI
 FINAL FLOW PERIOD MIN: 30 (E) 44 PSI TO (F) 44 PSI
 FINAL CLOSED IN PERIOD MIN: 60 (G) 1088 PSI
 FINAL HYDROSTATIC PRESSURE (H) 2188 PSI

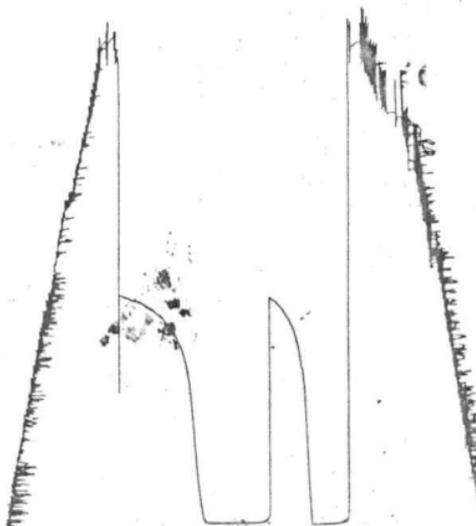
4339 TKT # 4461

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1327 / TKT# 4461

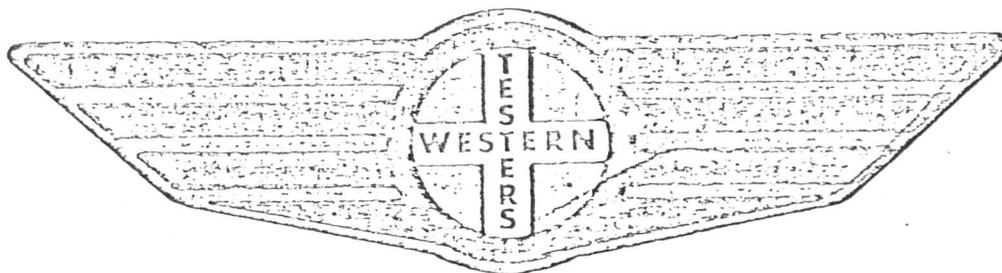
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FORMATION

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P.O. Box 1599

Phone (316) 262-5861

Company

AMBER EXPLORATION

Lease and Well No.

#1-27 OSBORN

Sec. 27

Twp.

19S

Rge.

24W

Test No.

2

Date

4/19/84

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 4/19/84 TICKET #4462
CUSTOMER: AMBER EXPLORATION LEASE: OSBORN
WELL: 1-27 TEST: 2 GEOLOGIST: FRICK
ELEVATION (KB): 2282 FORMATION: MISSISSIPPI
SECTION: 27 TOWNSHIP: 19S
RANGE: 24W COUNTY: NESS STATE: KANSAS
GAUGE SN #4339 RANGE: 4300 CLOCK: 12

INTERVAL TEST FROM: 4345 FT TO: 4357 FT TOTAL DEPTH: 4357 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4340 FT SIZE: 6 3/4 IN PACKER DEPTH: 4345 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: ALLEN DRLG
MUD TYPE: STARCH VISCOSITY: 49
WEIGHT: 9.9 WATER LOSS (CC): 10.4
CHLORIDES (P.P.M.): 25000
JARS - MAKE: WTC SERIAL NUMBER: 420
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: FT I.D.: IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4317 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 28 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 12 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 1/2" BLOW
DECREASING TO TOP OF WATER.
FINAL FLOW PERIOD A FEW BUBBLES.
THEN DEAD.

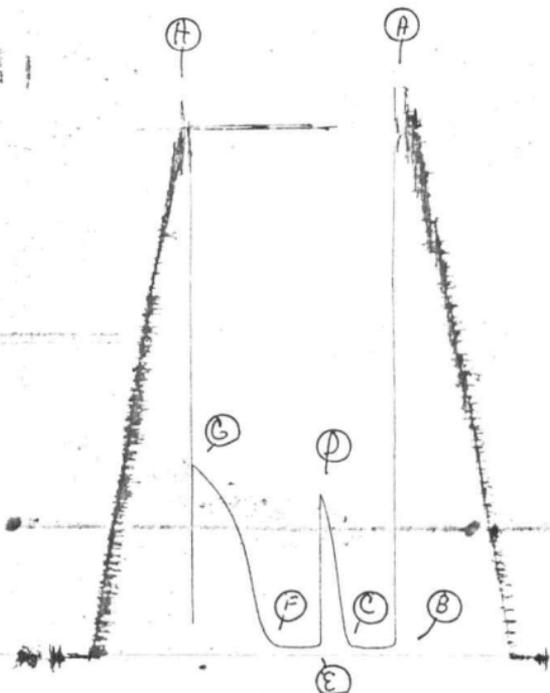
RECOVERED: 15 FT OF: MUD WITH A FEW OIL SPOTS IN TOOL.
RECOVERED: FT OF: CHLORIDES 26000 PPM.
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 4:05 PM TIME STARTED OFF BOTTOM: 6:05 PM
WELL TEMPERATURE: 119 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2265 PSI
INITIAL FLOW PERIOD MIN: 15 (B) 34 PSI TO (C) 34 PSI
INITIAL CLOSED IN PERIOD MIN: 24 (D) 731 PSI
FINAL FLOW PERIOD MIN: 15 (E) 38 PSI TO (F) 38 PSI
FINAL CLOSED IN PERIOD MIN: 57 (G) 863 PSI
FINAL HYDROSTATIC PRESSURE (H) 2330 PSI

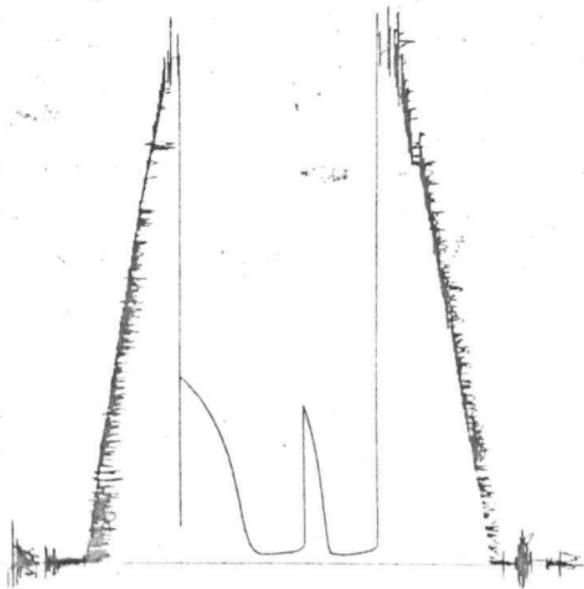
4339 TKT # 4462

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132711 TKT# 4462

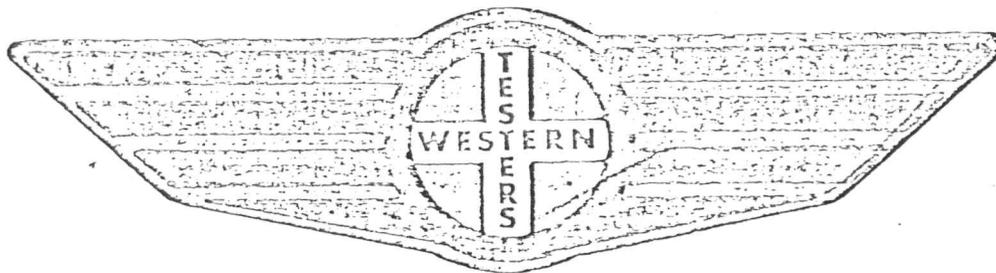
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Company

AMBER EXPLORATION

Lease and Well No.

#1-27 OSBORN

Sec. 27

Twp. 19S

Rge. 24W

Test No. 3

Date 4/20/84

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 4/20/84

CUSTOMER: AMBER EXPLORATION

WELL: 1-27

ELEVATION (KB): 2282

SECTION: 27

RANGE: 24W

GAUGE SN #4339

TEST: 3

COUNTY: NESS

RANGE: 4300

TICKET #4463

LEASE: OSBORN

GEOLOGIST: FRICK

FORMATION: MISSISSIPPI

TOWNSHIP: 19S

STATE: KANSAS

CLOCK: 12

INTERVAL TEST FROM: 4345 FT TO: 4366 FT TOTAL DEPTH: 4366 FT
 DEPTH OF SELECTIVE ZONE: FT
 PACKER DEPTH: 4340 FT SIZE: 6 3/4 IN PACKER DEPTH: 4345 FT SIZE: 6 3/4 IN
 PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: ALLEN DRLG

MUD TYPE: STARCH

WEIGHT: 9.9

CHLORIDES (P.P.M.): 25000

JARS - MAKE: WTC

DID WELL FLOW? NO

DRILL COLLAR LENGTH: FT

WEIGHT PIPE LENGTH: FT

DRILL PIPE LENGTH: 4317 FT

TEST TOOL LENGTH: 28 FT

ANCHOR LENGTH: 21 FT

SURFACE CHOKE SIZE: 3/4 IN

MAIN HOLE SIZE: 7 7/8 IN

VISCOSITY: 45

WATER LOSS (CC): 13.6

SERIAL NUMBER: 420

REVERSED OUT? NO

I.D.: IN

I.D.: IN

I.D.: 3.8 IN

TOOL SIZE: 5 1/2 OD IN

SIZE: 5 1/2 OD IN

BOTTOM CHOKE SIZE: 3/4 IN

TOOL JOINT SIZE: 4 1/2 FH IN

BLOW: STRONG BLOW.

RECOVERED: 496 FT OF: MUD. CHLORIDES 26000 PPM.
 RECOVERED: FT OF:
 RECOVERED: FT OF:

REMARKS: MISRUN. PACKER SEAT FAILURE.

TIME SET PACKER(S): 3:25 AM

WELL TEMPERATURE: 0 °F

INITIAL HYDROSTATIC PRESSURE:

INITIAL FLOW PERIOD MIN: 0

INITIAL CLOSED IN PERIOD MIN: 0

FINAL FLOW PERIOD MIN: 0

FINAL CLOSED IN PERIOD MIN: 0

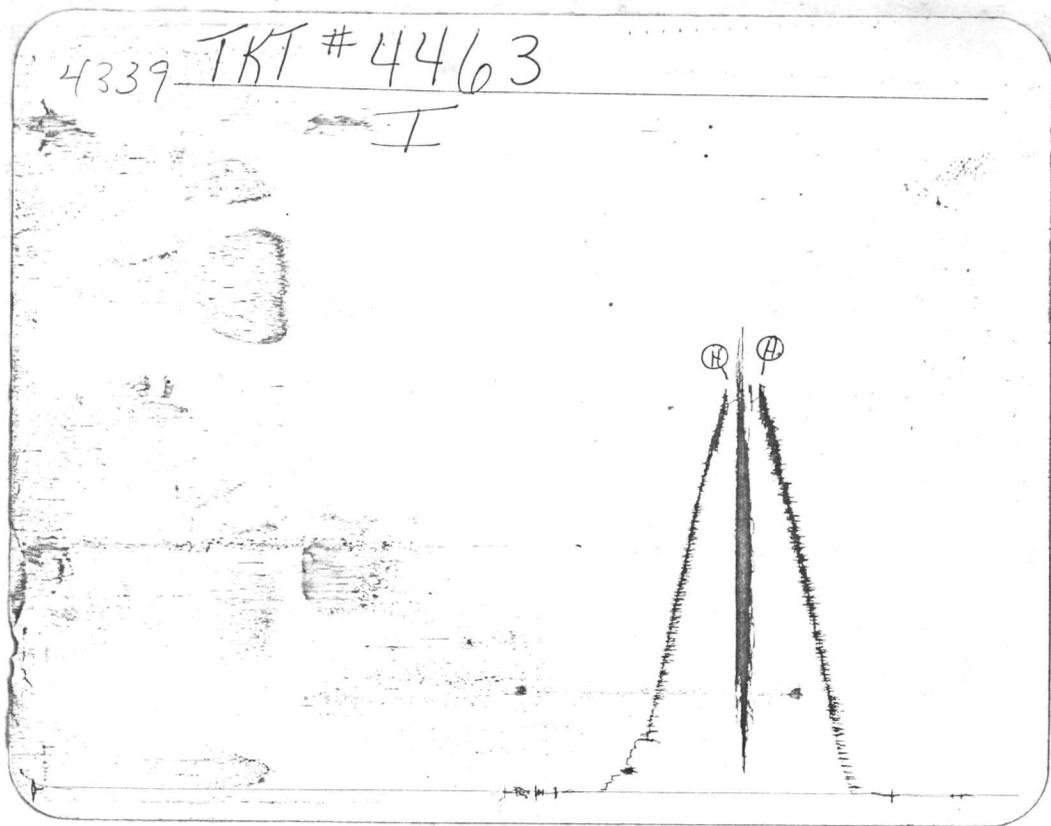
FINAL HYDROSTATIC PRESSURE

TIME STARTED OFF BOTTOM: 3:35 AM

(A) 2343 PSI
 (B) 0 PSI TO (C) 0 PSI
 (D) 0 PSI
 (E) 0 PSI TO (F) 0 PSI
 (G) 0 PSI
 (H) 2040 PSI

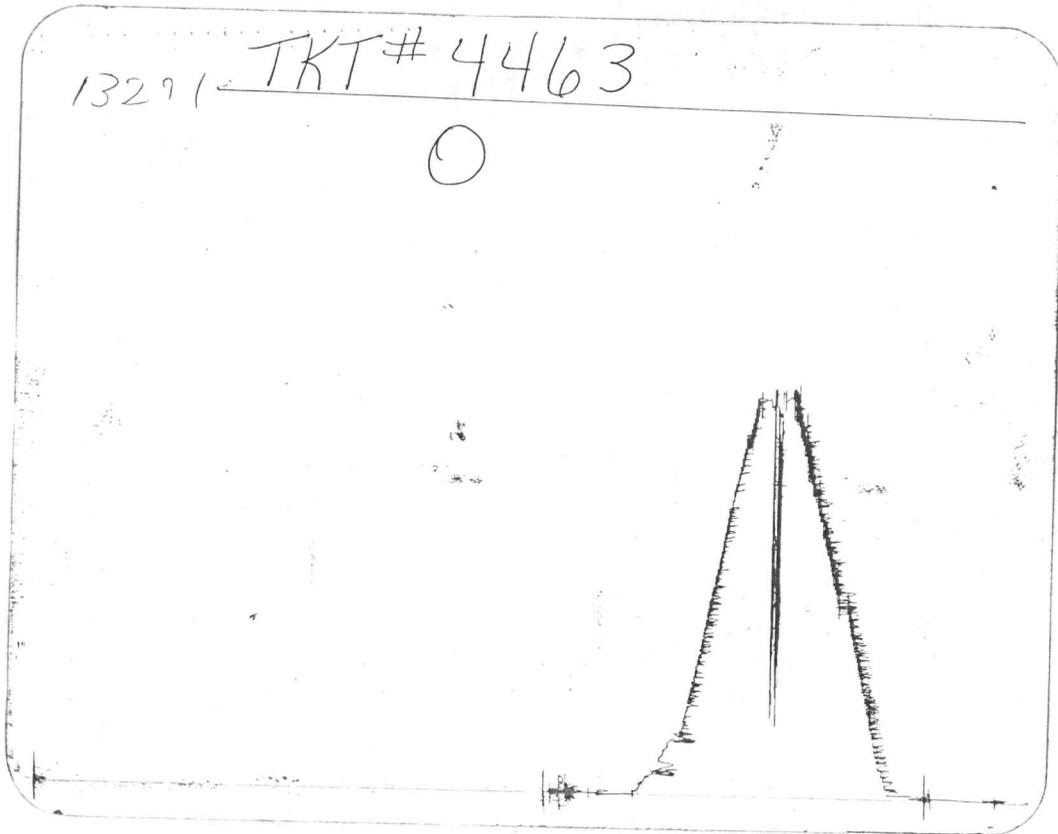
4339 TKT # 4463

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13291 TKT # 4463

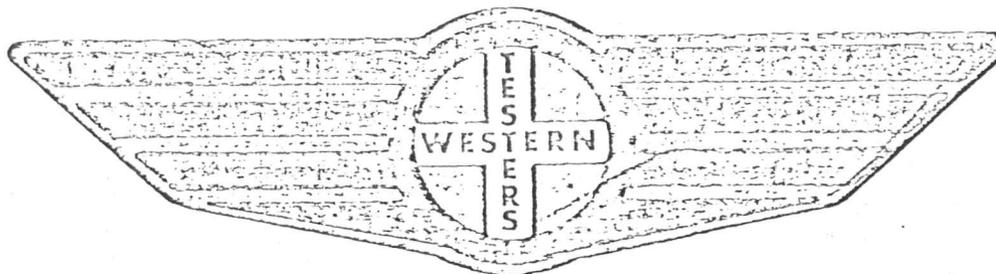
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FORMATION

TEST

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Company

AMBER EXPLORATION

Lease and Well No.

#1-27 OSBORN

Sec. 27

Twp.

19S

Rge.

24W

Test No.

4

Date

4/20/84

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 4/20/84 TICKET #4464
CUSTOMER: AMBER EXPLORATION LEASE: OSBORN
WELL: 1-27 TEST: 4 GEOLOGIST: FRICK
ELEVATION (KB): 2282 FORMATION: MISSISSIPPI
SECTION: 27 TOWNSHIP: 19S
RANGE: 24W COUNTY: NESS STATE: KANSAS
GAUGE SN #4339 RANGE: 4300 CLOCK: 12

INTERVAL TEST FROM: 4348 FT TO: 4366 FT TOTAL DEPTH: 4366 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4343 FT SIZE: 6 3/4 IN PACKER DEPTH: 4348 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: ALLEN DRLG
MUD TYPE: STARCH VISCOSITY: 45
WEIGHT: 10.1 WATER LOSS (CC): 13.6
CHLORIDES (P.P.M.): 25000
JARS - MAKE: WTC SERIAL NUMBER: 420
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: FT I.D.: IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4320 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 28 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 18 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 1/2" BLOW
DECREASING TO TOP OF WATER.
FINAL FLOW PERIOD A FEW BUBBLES
THEN DEAD.

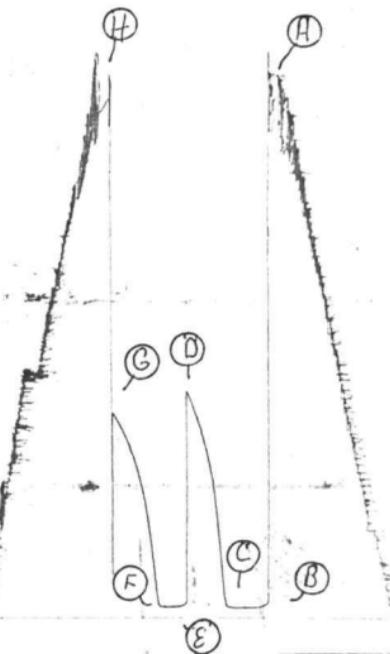
RECOVERED: 20 FT OF: MUD. CHLORIDES 28000 PPM.
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 1:45 PM TIME STARTED OFF BOTTOM: 3:15 PM
WELL TEMPERATURE: 122 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2353 PSI
INITIAL FLOW PERIOD MIN: 15 (B) 48 PSI TO (C) 48 PSI
INITIAL CLOSED IN PERIOD MIN: 36 (D) 1024 PSI
FINAL FLOW PERIOD MIN: 15 (E) 50 PSI TO (F) 50 PSI
FINAL CLOSED IN PERIOD MIN: 30 (G) 924 PSI
FINAL HYDROSTATIC PRESSURE (H) 2310 PSI

4339 TKT # 4464

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13271 TKT# 4464

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