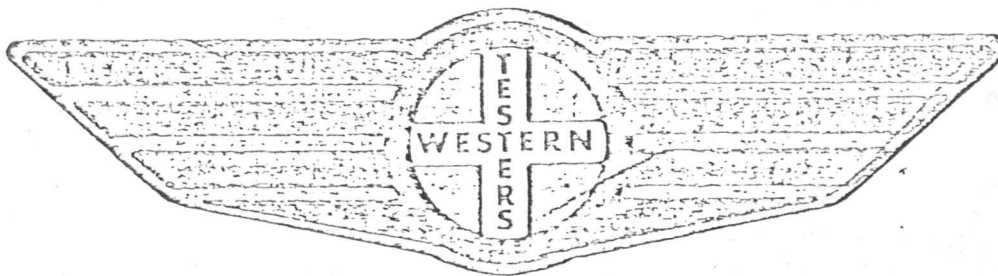


FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

Company MALONEY & WARREN LTD Lease and Well No. 1 SAWYER Sec. 2 Twp. 20S Rge. 4W Test No. 1 Date 12/7/84

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 12/7/84
CUSTOMER: MALLONEE & WARREN LTD.
WELL: 1 TEST: 1
ELEVATION (KB): 1482 FORMATION: VIOLA-
SECTION: 2 TOWNSHIP: 20S
RANGE: 4W COUNTY: MCPHERSON STATE: KANSAS
GAUGE SN #13759 RANGE: 3900 CLOCK: 12

INTERVAL TEST FROM: 3698 FT TO: 3718 FT TOTAL DEPTH: 3718 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3693 FT SIZE: 6 5/8 IN Packer DEPTH: 3698 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN Packer DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: RED TIGER DRLG
MUD TYPE: STARCH VISCOSITY: 47
WEIGHT: 10.0 WATER LOSS (CC): 10.4
CHLORIDES (P.P.M.): 14000
JARS - MAKE: WTC SERIAL NUMBER: 421
DID WELL FLOW? REVERSED OUT?
DRILL COLLAR LENGTH: FT I.D.: IN
WEIGHT PIPE LENGTH: 1264 FT I.D.: 2.7 IN
DRILL PIPE LENGTH: 2405 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 29 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: INITIAL FLOW PERIOD FAIR BLOW.
2" BUILT TO BOTTOM OF BUCKET IN
4 MINUTES. FINAL FLOW PERIOD
STRONG BLOW OFF BOTTOM OF BUCKET.

RECOVERED: 120 FT OF: GAS ABOVE FLUID.
RECOVERED: 1355 FT OF: GASSY OIL CUT MUDDY WATER.
RECOVERED: FT OF: (57% OIL; 17% GAS; 21% WATER; 5% MUD).
RECOVERED: 502 FT OF: WATER.
RECOVERED: FT OF: CHLORIDES 29000 PPM.
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

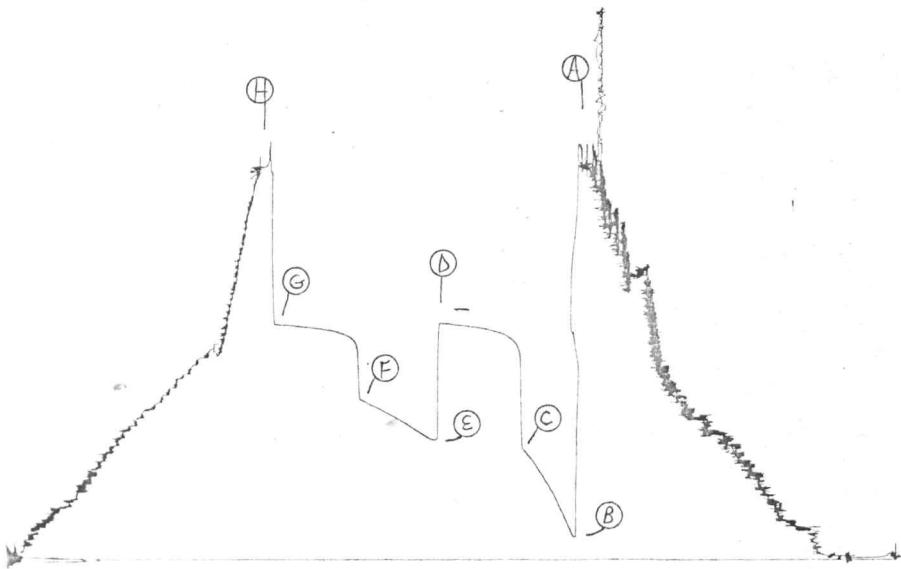
REMARKS:

TIME SET PACKER(S): 10:30 PM TIME STARTED OFF BOTTOM: 2:15 AM
WELL TEMPERATURE: 120 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2086 PSI
INITIAL FLOW PERIOD MIN: 40 (B) 126 PSI TO (C) 598 PSI
INITIAL CLOSED IN PERIOD MIN: 60 (D) 1256 PSI
FINAL FLOW PERIOD MIN: 60 (E) 645 PSI TO (F) 857 PSI
FINAL CLOSED IN PERIOD MIN: 60 (G) 1249 PSI
FINAL HYDROSTATIC PRESSURE (H) 2069 PSI

TKT # 6812

13759
6812

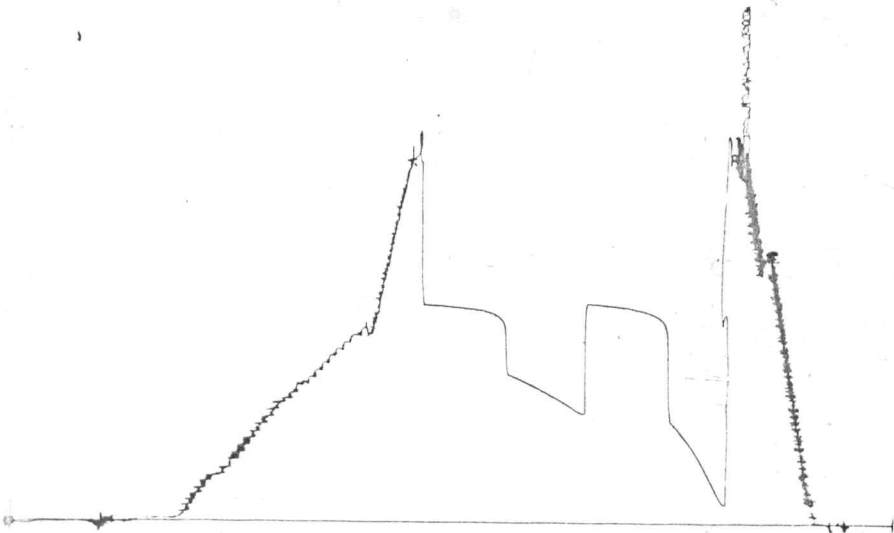
I



TKT # 6812

13549
6812

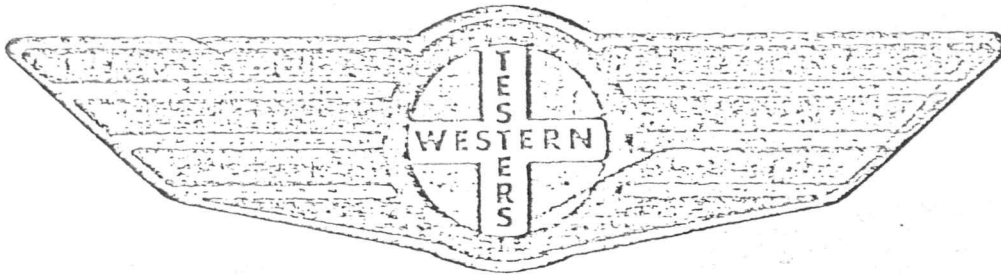
0



FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 12/8/84
CUSTOMER: MALLONEE & WARREN LTD.
WELL: 1 TEST: 2
ELEVATION (KB): 1482 FORMATION: SIMPSON SAND
SECTION: 2 TOWNSHIP: 20S
RANGE: 4W COUNTY: MCPHERSON STATE: KANSAS
GAUGE SN #13759 RANGE: 3900 CLOCK: 12

INTERVAL TEST FROM: 3733 FT TO: 3757 FT TOTAL DEPTH: 3757 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3728 FT SIZE: 6 5/8 IN PAKER DEPTH: 3733 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PAKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: RED TIGER DRLG
MUD TYPE: STARCH VISCOSITY: 45
WEIGHT: 9.7 WATER LOSS (CC): 10.4
CHLORIDES (P.P.M.): 11000
JARS - MAKE: WTC SERIAL NUMBER: 421
DID WELL FLOW? REVERSED OUT?
DRILL COLLAR LENGTH: FT I.D.: IN
WEIGHT PIPE LENGTH: 1264 FT I.D.: 2.7 IN
DRILL PIPE LENGTH: 2440 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 29 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 24 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.
1/2" BUILT TO 3 1/2". FINAL
FLOW PERIOD FAIR 4" BLOW.

RECOVERED: 120 FT OF: WATERY MUD. CHLORIDES 12000 PPM.
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

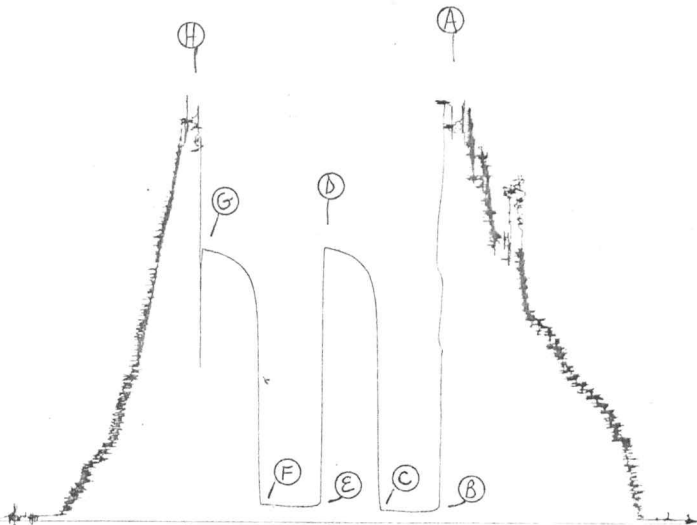
REMARKS:

TIME SET PACKER(S): 5:45 PM TIME STARTED OFF BOTTOM: 8:45 PM
WELL TEMPERATURE: 123 °F
INITIAL HYDROSTATIC PRESSURE: (A) 1979 PSI
INITIAL FLOW PERIOD MIN: 45 (B) 55 PSI TO (C) 61 PSI
INITIAL CLOSED IN PERIOD MIN: 45 (D) 1362 PSI
FINAL FLOW PERIOD MIN: 45 (E) 76 PSI TO (F) 86 PSI
FINAL CLOSED IN PERIOD MIN: 45 (G) 1350 PSI
FINAL HYDROSTATIC PRESSURE (H) 1979 PSI

TKT # 6813

13759

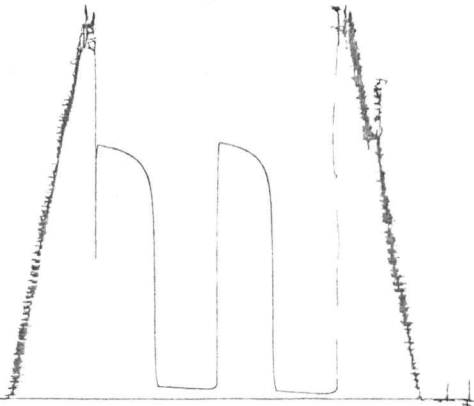
I



TKT # 6813

13549

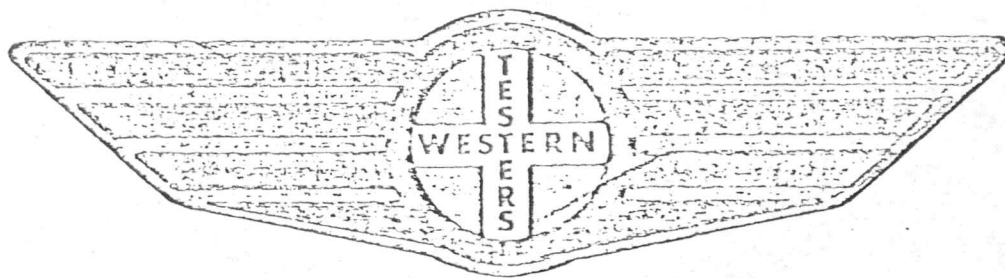
0



FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 12/9/84
CUSTOMER: MALLONEE & WARREN LTD.
WELL: 1 TEST: 3
ELEVATION (KB): 1482 FORMATION: VIOLA
SECTION: 2 TOWNSHIP: 20S
RANGE: 4W COUNTY: MCPHERSON STATE: KANSAS
GAUGE SN #13759 RANGE: 3900 CLOCK: 12

INTERVAL TEST FROM: 3699 FT TO: 3709 FT TOTAL DEPTH: 3757 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3694 FT SIZE: 6 5/8 IN Packer DEPTH: 3699 FT SIZE: 6 5/8 IN
PACKER DEPTH: 3709 FT SIZE: 6 5/8 IN Packer DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: RED TIGER DRLG
MUD TYPE: STARCH VISCOSITY: 45
WEIGHT: 9.7 WATER LOSS (CC): 10.4
CHLORIDES (P.P.M.): 11000
JARS - MAKE: WTC SERIAL NUMBER: 421
DID WELL FLOW? REVERSED OUT?
DRILL COLLAR LENGTH: FT I.D.: IN
WEIGHT PIPE LENGTH: 1233 FT I.D.: 2.7 IN
DRILL PIPE LENGTH: 2332 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 35 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 10 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.
DIED IN 40 MINUTES. FINAL FLOW
PERIOD NO BLOW.

RECOVERED: FT OF: NO FLUID IN DRILL PIPE.
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS: 48 FEET OF TAIL PIPE. 4" OF MUD
WITH OIL SCUM ON TOP; INSIDE
TOOL HEAD.

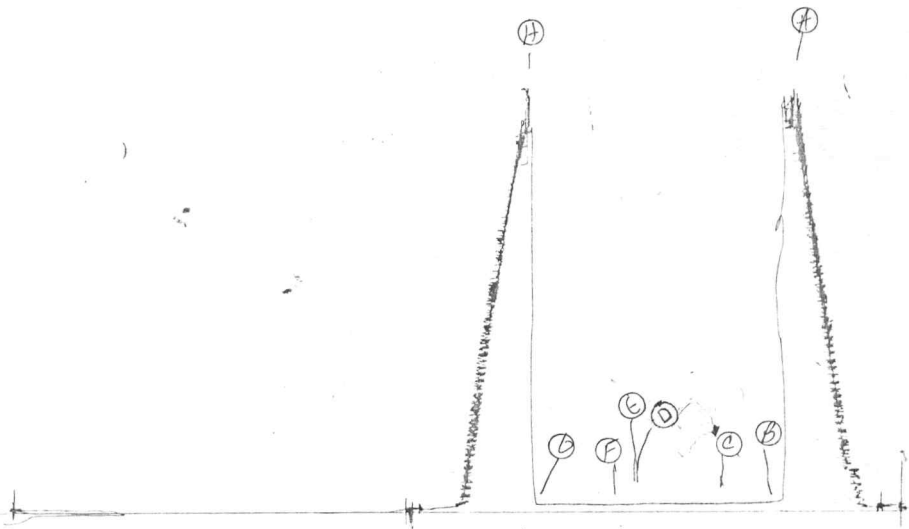
TIME SET PACKER(S): 8:50 AM TIME STARTED OFF BOTTOM:
WELL TEMPERATURE: 108 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2024 PSI
INITIAL FLOW PERIOD MIN: 45 (B) 44 PSI TO (C) 44 PSI
INITIAL CLOSED IN PERIOD MIN: 60 (D) 44 PSI
FINAL FLOW PERIOD MIN: 15 (E) 40 PSI TO (F) 40 PSI
FINAL CLOSED IN PERIOD MIN: 60 (G) 42 PSI
FINAL HYDROSTATIC PRESSURE (H) 2024 PSI

13159

6814

TK # 6814

I



13549
6814

TKT # 6814
Below Straddle

