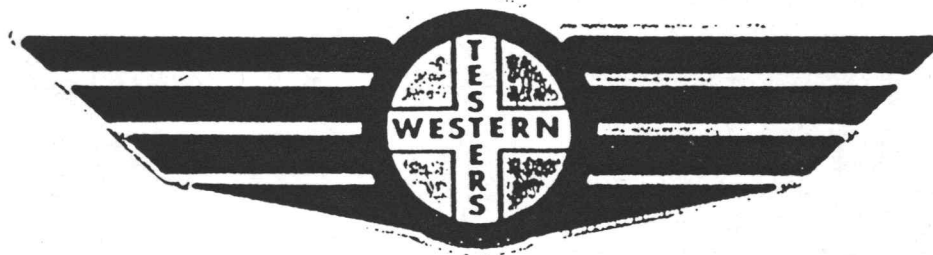


FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY M L STONE & ABERCROMBIE LEASE & WELL NO. STATE #1 SEC. 24 TWP. 22S RGE. 13W TEST NO. 1 DATE 10/31/88
DRILLING, INC.

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 10/31/88 TICKET : 14614
CUSTOMER : M L STONE & ABERCROMBIE DRILLING INC.
WELL : 1 TEST: 1 LEASE : STATE
ELEVATION : GEOLOGIST : FILSON
SECTION : 24 FORMATION : KANSAS CITY
RANGE : 13W COUNTY : STAFFORD TOWNSHIP : 22S
GAUGE SN# : 13552 RANGE : 4050 STATE : KANSAS
CLOCK : 12

INTERVAL FROM : 3515 TO : 3590 TOTAL DEPTH : 3590
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 3510 SIZE : 6.63
PACKER DEPTH : 3515 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : ABERCROMBIE RIG 7
MUD TYPE : STARCH VISCOSITY : 47
WEIGHT : 9.7 WATER LOSS (CC) : 10.4
CHLORIDES (PPM) : 78000
JARS-MAKE : SERIAL NUMBER :
DID WELL FLOW ? : NO REVERSED OUT ? : NO

DRILL COLLAR LENGTH : 0 FT I.D. inch : 0.00
WEIGHT PIPE LENGTH : 540 FT I.D. inch : 2.70
DRILL PIPE LENGTH : 2954 FT I.D. inch : 3.80
TEST TOOL LENGTH : 21 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 75 FT ANCHOR SIZE : 5.50
SURFACE CHOKE SIZE : .75 IN BOTTOM CHOKE SIZE : .75
MAIN HOLE SIZE : 7.875 IN TOOL JOINT SIZE : 4.5FH

BLOW COMMENT #1 : WEAK BLOW THROUGHOUT TEST.
BLOW COMMENT #2 :
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 20 FT CF: DRILLING MUD
RECOVERED : 0 FT OF: (SPECKS OF OIL ON TOP OF TOOL)

Total Barrels Fluid = 0.14
Total Fluid Prod Rate = 6.80 BFPD
Indicated Wtr Rate = 0.07 BWPD

REMARK 1 :
REMARK 2 :
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 3:45 AM

TIME STARTED OFF BOTTOM : 4:45 AM

WELL TEMPERATURE : 105

INITIAL HYDROSTATIC PRESSURE

(A) 1980

INITIAL FLOW PERIOD MIN: 30

(B) 86 PSI TO (C) : 86

INITIAL CLOSED IN PERIOD MIN: 33

(D) 86

FINAL FLOW PERIOD MIN: 0

(E) 0 PSI TO (F) : 0

FINAL CLOSED IN PERIOD MIN: 0

(G) 0

FINAL HYDROSTATIC PRESSURE

(H) 1923

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : M L STONE & ABERCROMBIE DRILLING INC.
RIG : STAFFORD-KANSAS
FIELD : STATE
WELL : 1
DATE : 10/31/88
GAUGE NO : 13552

OPERATIONAL COMMENTS

COMPANY : M L STONE & ABERCROMBIE DRILLING INC.

WELL : 1
GAUGE # : 13552
DATE : 31/10/88

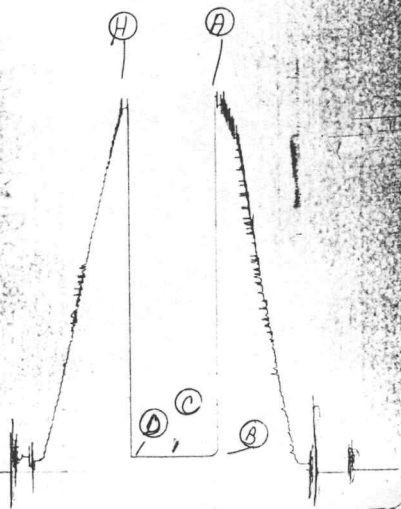
FIELD : STATE
JOB # : 14614
DEPTH : 3590
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
INITIAL FLOW PERIOD					
2	3:45: 0	0.000	86.000	105.00	0.000
3	3:49:59	0.083	86.000	105.00	0.000
4	3:55: 0	0.167	86.000	105.00	0.000
5	4: 0: 0	0.250	86.000	105.00	0.000
6	4: 4:59	0.333	86.000	105.00	0.000
7	4:10: 0	0.417	86.000	105.00	0.000
8	4:15: 0	0.500	86.000	105.00	0.000
INITIAL SHUT-IN PERIOD					
9	4:18: 0	0.550	86.000	105.00	0.000
10	4:21: 0	0.600	86.000	105.00	0.000
11	4:24: 0	0.650	86.000	105.00	0.000
12	4:27: 0	0.700	86.000	105.00	0.000
13	4:30: 0	0.750	86.000	105.00	0.000
14	4:33: 0	0.800	86.000	105.00	0.000
15	4:36: 0	0.850	86.000	105.00	0.000
16	4:39: 0	0.900	86.000	105.00	0.000
17	4:42: 0	0.950	86.000	105.00	0.000
18	4:45: 0	1.000	86.000	105.00	0.000
19	4:48: 0	1.050	86.000	105.00	0.000

WESTERN TESTING CO. INC.

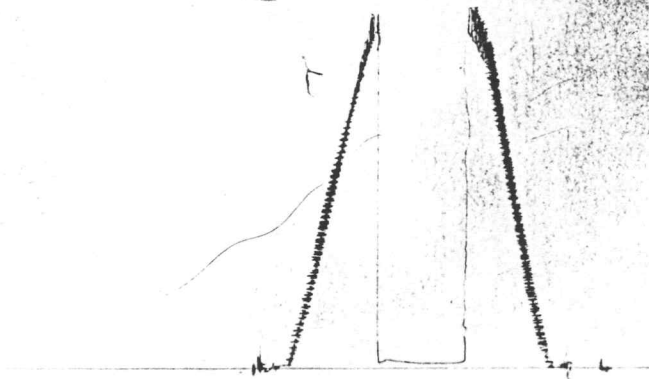
KT 14614

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TK 146/4

O



146/4