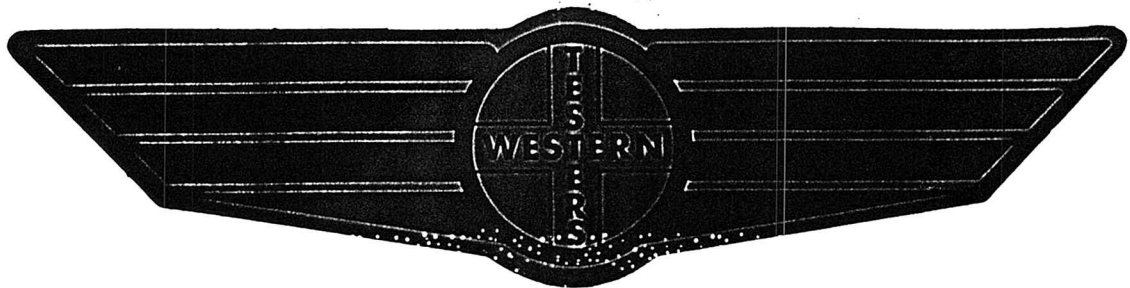


FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY THEODORE I LEBEN OIL OPERATION LEASE & WELL NO. #1 FALK SEC. 3 TWP. 7S RGE. 18E TEST NO. 1 DATE 12/16/86

WESTERN TESTERS INC
SUBSURFACE PRESSURE SURVEY

DATE : 12-16-86 TICKET : 13151
CUSTOMER : THEO. I. LEBEN OIL OPERATION LEASE : FALK
WELL : #1 TEST: 1 GEOLOGIST : G. ZORGER
ELEVATION : NA FORMATION : MCLOUTH-CHER
SECTION : 3 TOWNSHIP : 7S
RANGE : 18E COUNTY : ATCHINSON STATE : KANSAS
GAUGE SN# : 10270 RANGE : 4150 CLOCK : 12

INTERVAL FROM : 1733 TO : 1750 TOTAL DEPTH : 1750
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 1733 SIZE : 5.5
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : EDCO DRILLING RIG #2
MUD TYPE : CHEMICAL VISCOSITY : 45
WEIGHT : 9.6 WATER LOSS (CC) : 18
CHLORIDES (PPM) : 1000
JARS-MAKE : - SERIAL NUMBER :
DID WELL FLOW ? : - REVERSED OUT ? : -

DRILL COLLAR LENGTH : 248 FT I.D. inch : 2.20
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00
DRILL PIPE LENGTH : 1470 FT I.D. inch : 3.00
TEST TOOL LENGTH : 15 FT TOOL SIZE : 4.50
ANCHOR LENGTH : 17 FT ANCHOR SIZE : 4.50
SURFACE CHOKE SIZE : .75 IN BOTTOM CHOKE SIZE : .75
MAIN HOLE SIZE : 6.75 IN TOOL JOINT SIZE : 3.5 IF

BLOW COMMENT #1 :
BLOW COMMENT #2 :
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 940 FT OF: MUD

Total Barrels Fluid = 7.22
Total Fluid Prod Rate = 0.00 BFPD

REMARK 1 : MISRUN-PACKER FAILURE.
REMARK 2 :
REMARK 3 :
REMARK 4 :

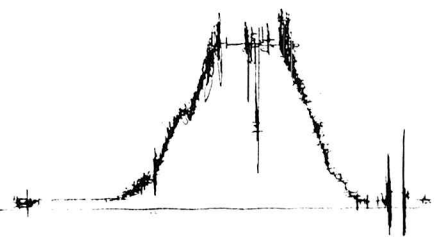
SET PACKER(S) :	1:50 AM	TIME STARTED OFF BOTTOM :	2:10 AM
WELL TEMPERATURE :	0		
INITIAL HYDROSTATIC PRESSURE		(A)	913
INITIAL FLOW PERIOD MIN:	0	(B)	0 PSI TO (C) : 0
INITIAL CLOSED IN PERIOD MIN:	0	(D)	0
FINAL FLOW PERIOD MIN:	0	(E)	0 PSI TO (F) : 0
FINAL CLOSED IN PERIOD MIN:	0	(G)	0
FINAL HYDROSTATIC PRESSURE		(H)	886

7

JK # 13151

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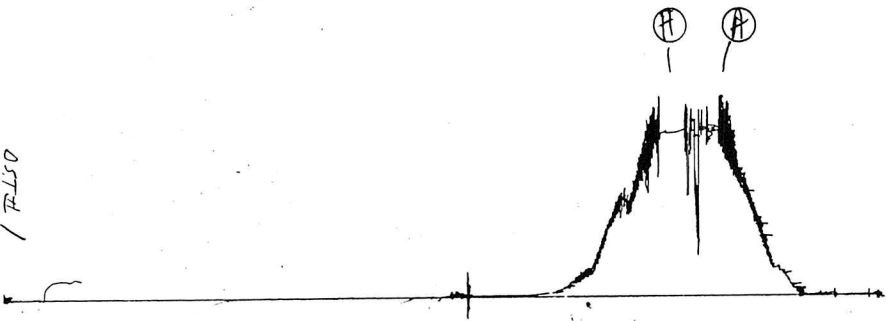
OST # 1
13265



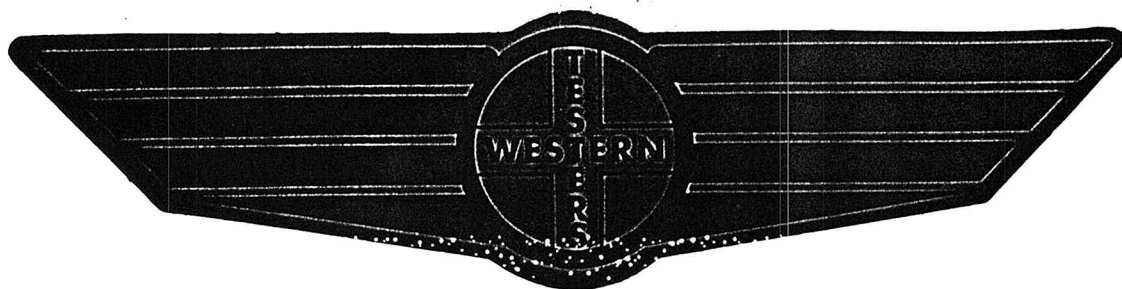
Kit # 13151

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/ 10270



FORMATION TEST REPORT



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P.O. Box 1599

Phone (316) 262-5861

COMPANY THEODORE I LEBEN OIL OPERATION LEASE & WELL NO. #1 FALK SEC. 3 TWP. 7S RGE. 18E TEST NO. 2 DATE 12/17/86

WESTERN TESTERS INC
SUBSURFACE PRESSURE SURVEY

DATE : 12-17-86 TICKET : 13152
CUSTOMER : THEO I. LEBEN OIL OPERATION LEASE : FALK
WELL : #1 TEST: 2 GEOLOGIST : G. ZORGER
ELEVATION : NA FORMATION : CHEROKEE SD
SECTION : 3 TOWNSHIP : 7S
RANGE : 18E COUNTY : ATCHINSON STATE : KANSAS
GAUGE SN# : 10270 RANGE : 4150 CLOCK : 12

INTERVAL FROM : 1736 TO : 1750 TOTAL DEPTH : 1750
DEPTH OF SELECTIVE ZONE :

PACKER DEPTH : 1731 SIZE : 5.5
PACKER DEPTH : 1736 SIZE : 5.5
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : EDCO DRILLING RIG #2
MUD TYPE : CHEMICAL VISCOSITY : 45
WEIGHT : 9.6 WATER LOSS (CC) : 18
CHLORIDES (PPM) : 1000
JARS-MAKE : - SERIAL NUMBER :
DID WELL FLOW ? : NO REVERSED OUT ? : NO

DRILL COLLAR LENGTH : 248 FT I.D. inch : 2.20
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00
DRILL PIPE LENGTH : 1467 FT I.D. inch : 3.00
TEST TOOL LENGTH : 21 FT TOOL SIZE : 4.50
ANCHOR LENGTH : 14 FT ANCHOR SIZE : 4.50
SURFACE CHOKE SIZE : .75 IN BOTTOM CHOKE SIZE : .75
MAIN HOLE SIZE : 6.75 IN TOOL JOINT SIZE : 3.5 IF

BLOW COMMENT #1 : INITIAL FLOW-DECREASING WEAK BLOW-1/2" TO 1/4" BLOW.
BLOW COMMENT #2 : FINAL FLOW-WEAK BLOW DIED IN 20 MINURTES.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 10 FT OF: MUD

Total Barrels Fluid = 0.05
Total Fluid Prod Rate = 1.13 BFPD
Indicated Wtr Rate = 1.02 BWPD

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

SET PACKER(S) : 6:15 AM

TIME STARTED OFF BOTTOM : 8:30 AM

WELL TEMPERATURE : 96

INITIAL HYDROSTATIC PRESSURE

(A) 886

INITIAL FLOW PERIOD MIN: 30

(B) 20 PSI TO (C) : 20

INITIAL CLOSED IN PERIOD MIN: 42

(D) 40

FINAL FLOW PERIOD MIN: 30

(E) 22 PSI TO (F) : 22

FINAL CLOSED IN PERIOD MIN: 30

(G) 34

FINAL HYDROSTATIC PRESSURE

(H) 886

WESTERN TESTERS INC
WITICHA - KANSAS

Pressure Transient Report

COMPANY : THEO I. LEBEN OIL OPERATION
RIG : ATCHINSON-KANSAS
FIELD : FALK
WELL : #1
DATE : 12-17-86
GAUGE NO : 10270

OPERATIONAL COMMENTS

COMPANY : THEO I. LEBEN OIL OPERATION
WELL : #1
GAUGE # : 10270
DATE : 17/12/86

FIELD : FALK
JOB # : 13152
DEPTH : 1750
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	6:15: 0	0.000	20.000	96.00	0.000
2	6:19:59	0.083	20.000	96.00	0.000
3	6:25: 0	0.167	20.000	96.00	0.000
4	6:30: 0	0.250	20.000	96.00	0.000
5	6:34:59	0.333	20.000	96.00	0.000
6	6:40: 0	0.417	20.000	96.00	0.000
7	6:45: 0	0.500	20.000	96.00	0.000
8	6:48: 0	0.550	21.000	96.00	1.000
9	6:51: 0	0.600	22.000	96.00	1.000
10	6:54: 0	0.650	23.000	96.00	1.000
11	6:57: 0	0.700	24.000	96.00	1.000
12	7: 0: 0	0.750	25.000	96.00	1.000
13	7: 3: 0	0.800	26.000	96.00	1.000
14	7: 6: 0	0.850	27.000	96.00	1.000
15	7: 9: 0	0.900	28.000	96.00	1.000
16	7:12: 0	0.950	30.000	96.00	2.000
17	7:15: 0	1.000	32.000	96.00	2.000
18	7:18: 0	1.050	34.000	96.00	2.000
19	7:21: 0	1.100	36.000	96.00	2.000
20	7:24: 0	1.150	38.000	96.00	2.000
21	7:27: 0	1.200	40.000	96.00	2.000
22	7:28: 0	1.217	22.000	96.00	-18.000
23	7:31:59	1.283	22.000	96.00	0.000
24	7:37: 0	1.367	22.000	96.00	0.000
25	7:42: 0	1.450	22.000	96.00	0.000
26	7:46:59	1.533	22.000	96.00	0.000
27	7:52: 0	1.617	22.000	96.00	0.000
28	7:57: 0	1.700	22.000	96.00	0.000
29	8: 0: 0	1.750	22.000	96.00	0.000
30	8: 3: 0	1.800	22.000	96.00	0.000
31	8: 6: 0	1.850	22.000	96.00	0.000
32	8: 9: 0	1.900	23.000	96.00	1.000
33	8:12: 0	1.950	24.000	96.00	1.000
34	8:15: 0	2.000	26.000	96.00	2.000
35	8:18: 0	2.050	28.000	96.00	2.000
36	8:21: 0	2.100	30.000	96.00	2.000
37	8:24: 0	2.150	32.000	96.00	2.000
38	8:27: 0	2.200	34.000	96.00	2.000

WESTERN TESTERS INC

Kit # 13152
0

17228



RG # 13152
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10270

