

FORMATION TEST REPORT



Home Office:

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P.O. Box 1599

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WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	9-26-88	TICKET	:	14000
CUSTOMER	:	THEODORE I. LEBEN	LEASE	:	SHEELEY
WELL	:	#1-2 TEST: 1	GEOLOGIST	:	G. ZORGER
ELEVATION	:		FORMATION	:	
SECTION	:	2	TOWNSHIP	:	7S
RANGE	:	18E	STATE	:	KANSAS
GAUGE SN#	:	13552	CLOCK	:	12
		COUNTY :	ATCHISON		
		RANGE :	4050		

INTERVAL FROM	:	1698	TO	:	1706	TOTAL DEPTH	:	1812
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	1693	SIZE	:	6.63			
PACKER DEPTH	:	1698	SIZE	:	6.63			
PACKER DEPTH	:	1706	SIZE	:	6.63			
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	EDCO #2	VISCOSITY	:	3.5
MUD TYPE	:	CHEMICAL	WATER LOSS (CC)	:	11.2
WEIGHT	:	9.5			
CHLORIDES (PPM)	:	1200	SERIAL NUMBER	:	
JARS-MAKE	:		REVERSED OUT ?	:	NO
DID WELL FLOW ?	:	YES			

DRILL COLLAR LENGTH	:	130	FT	I.D. inch	:	2.25
WEIGHT PIPE LENGTH	:	0	FT	I.D. inch	:	0.00
DRILL PIPE LENGTH	:	1546	FT	I.D. inch	:	2.80
TEST TOOL LENGTH	:	25	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	8	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 : STRONG BLOW THROUGHOUT TEST. GAS TO SURFACE IN
BLOW COMMENT #2 : 30 SECONDS ON INITIAL FLOW PERIOD.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 30 FT OF: SLI. OIL & GAS CUT MUD
RECOVERED : 0 FT OF: 10% OIL

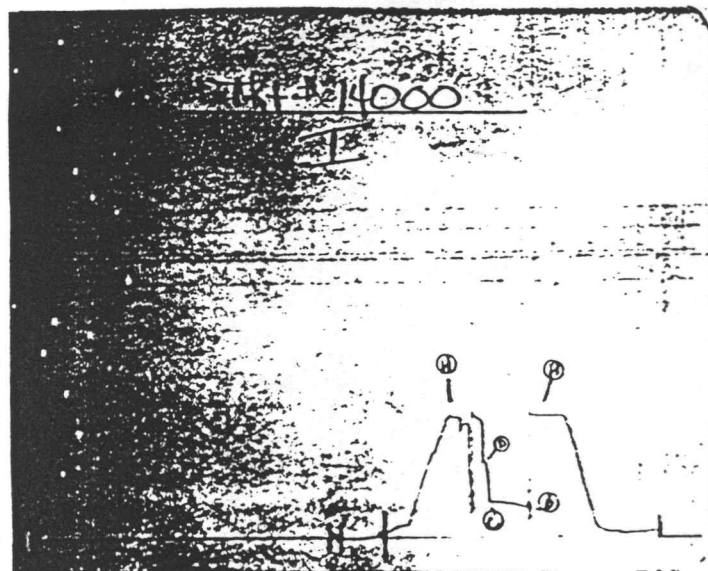
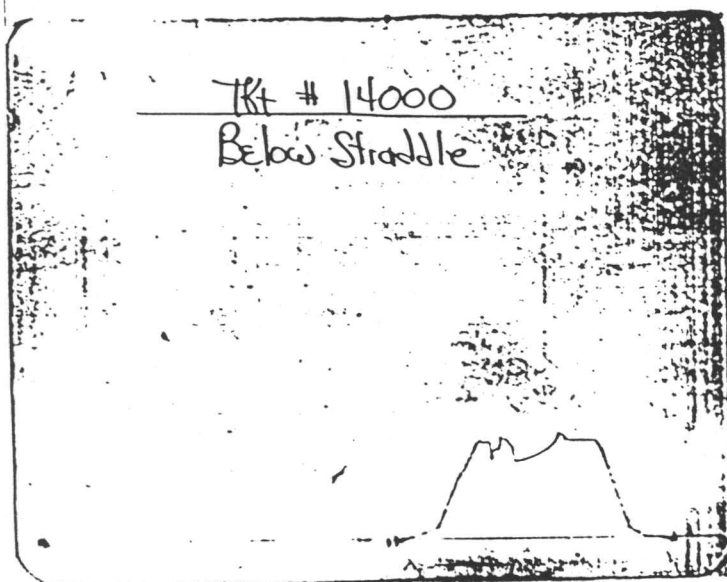
Total Barrels Fluid = 0.15
Total Fluid Prod Rate = 4.72 BFPD
Indicated Oil Rate = 0.47 BOPD
Indicated Wtr Rate = 0.39 BWPD
Corrected Oil Rate = 18.06 BOPD
Corrected Wtr Rate = 15.05 BWPD

REMARK 1 :
REMARK 2 : PIPE WOULD NOT ROTATE TO GET SHUT IN.
REMARK 3 : 103 FT. OF TAIL PIPE.
REMARK 4 : SEE ATTACHED SHEET FOR GAS MEASUREMENTS.

SET PACKER(S) : 3:45 AM
WELL TEMPERATURE : 97
INITIAL HYDROSTATIC PRESSURE
INITIAL FLOW PERIOD MIN: 45
INITIAL CLOSED IN PERIOD MIN: 6
FINAL FLOW PERIOD MIN: 0
FINAL CLOSED IN PERIOD MIN: 0
FINAL HYDROSTATIC PRESSURE

TIME STARTED OFF BOTTOM :

(A) 902
(B) 217 PSI TO (C) : 260
(D) 571
(E) 0 PSI TO (F) : 0
(G) 0
(H) 892



GAS FLOW REPORT

Date : 09-26-88
 Customer : THEODORE I. LEBEN
 Well : #1-2 Test : 1
 Elevation (KB) : Formation :
 Section : 2 Township : 7S
 Range : 18E County : ATCHISON State : KS
 Gauge SN # : 13552 Range : 4050 Clock : 12

TIME GAUGE (MIN)	TESTER TYPE	ORFICE SIZE	PRESSURE (PSI)	FLOW DESCRIPTION
PRE FLOW =====				
5 MIN.	MERLA	1.5"	5PSIG	863000 CFPD
15 MIN.	MERLA	1.5"	5PSIG	863000 CFPD
25 MIN.	MERLA	1.5"	6PSIG	953000 CFPD
35 MIN.	MERLA	1.5"	8PSIG	1123000 CFPD
45 MIN.	MERLA	1.5"	8PSIG	1123000 CFPD

SECOND FLOW
 =====

Gas Bottle SN # :
 Date Bottle Filled : 9-26-88
 Date to be Invoiced : 9-26-88

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : THEODORE I. LEBEN
RIG : ATCHISON-KANSAS
FIELD : SHEELEY
WELL : #1-2
DATE : 9-26-88
GAUGE NO : 13552

OPERATIONAL COMMENTS

PIPE WOULD NOT ROTATE TO GET SHUT IN.
103 FT. OF TAIL PIPE.
SEE ATTACHED SHEET FOR GAS MEASUREMENTS.

COMPANY : THEODORE I. LEBEN
WELL : #1-2
GAUGE # : 13552
DATE : 26/ 9/88

FIELD : SHEELEY
JOB # : 14000
DEPTH : 1812
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	217.000	97.00	0.000
3	3:49:59	0.083	221.000	97.00	4.000
4	3:55: 0	0.167	233.000	97.00	12.000
5	4: 0: 0	0.250	242.000	97.00	9.000
6	4: 4:59	0.333	250.000	97.00	8.000
7	4:10: 0	0.417	253.000	97.00	3.000
8	4:15: 0	0.500	259.000	97.00	6.000
9	4:19:59	0.583	260.000	97.00	1.000
10	4:25: 0	0.667	260.000	97.00	0.000
11	4:30: 0	0.750	260.000	97.00	0.000
INITIAL SHUT IN					
12	4:31: 0	0.767	406.000	97.00	146.000
13	4:31:59	0.783	467.000	97.00	61.000
14	4:33: 0	0.800	520.000	97.00	53.000
15	4:34: 0	0.817	548.000	97.00	28.000
16	4:34:59	0.833	561.000	97.00	13.000
17	4:36: 0	0.850	571.000	97.00	10.000

WESTERN TESTING CO. INC.