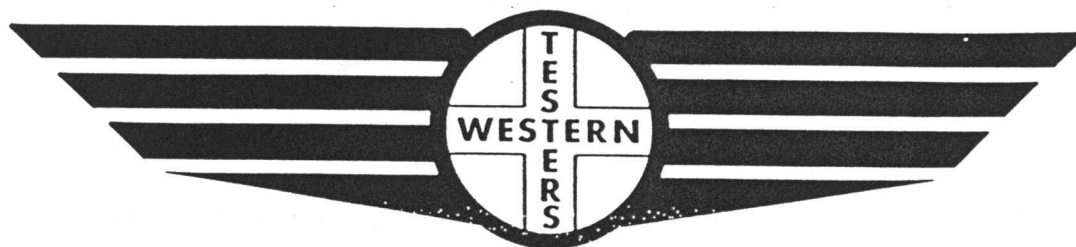


FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY SOURCE PETROLEUM

LEASE & WELL NO. #1 WARREN "A"

SEC. 5 TWP. 25S RGE. 2W TEST NO. 1 DATE 4-13-87

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	4-13-87	TICKET	:	11001
CUSTOMER	:	SOURCE PETROLEUM	LEASE	:	WARREN
WELL	:	A #1 TEST: 1	GEOLOGIST	:	K. GREENWOOD
ELEVATION	:	1410	FORMATION	:	KANSAS CITY
SECTION	:	5	TOWNSHIP	:	25S
RANGE	:	2W	COUNTY	:	SEDGWICK
GAUGE SN#	:	10270	RANGE	:	4150
			STATE	:	KS
			CLOCK	:	12

INTERVAL FROM	:	2890	TO	:	2941	TOTAL DEPTH	:	2941
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	2885	SIZE	:	6.63			
PACKER DEPTH	:	2890	SIZE	:	6.63			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	DUKE #2	VISCOSITY	:	38
MUD TYPE	:	CHEMICAL	WATER LOSS (CC)	:	13.2
WEIGHT	:	9.4			
CHLORIDES (PPM)	:	12000	SERIAL NUMBER	:	
JARS-MAKE	:		REVERSED OUT ?	:	NO
DID WELL FLOW ?	:	NO			

DRILL COLLAR LENGTH	:	0	FT	I.D. inch	:	0.00
WEIGHT PIPE LENGTH	:	372	FT	I.D. inch	:	2.70
DRILL PIPE LENGTH	:	2496	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	22	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	51	FT	ANCHOR SIZE	:	5.50
SURFACE CHOKE SIZE	:	.75	IN	BOTTOM CHOKE SIZE	:	.75
MAIN HOLE SIZE	:	7.875	IN	TOOL JOINT SIZE	:	4.5XH

BLOW COMMENT #1 : WEAK BLDG. TO A STRONG BLOW IN
BLOW COMMENT #2 : 12 MMIN. ON INITIAL FLOW PERIOD.
BLOW COMMENT #3 : FAIR BLDG. TO A GOOD BLOW (3" TO 8" IN
BLOW COMMENT #4 : BUCKET) ON FINAL FLOW PERIOD.

RECOVERED : 120 FT OF: MUDDY WATER
RECOVERED : 360 FT OF: WATER

Total Barrels Fluid = 4.15
Total Fluid Prod Rate = 99.58 BFPD
Indicated Wtr Rate = 77.17 BWPD

REMARK 1 :
REMARK 2 : CHLORIDES 94000 PPM
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 9:05 PM

TIME STARTED OFF BOTTOM : 12:05 AM

WELL TEMPERATURE : 103

INITIAL HYDROSTATIC PRESSURE

(A) 1432

INITIAL FLOW PERIOD MIN: 30

(B) 50 PSI TO (C) : 134

INITIAL CLOSED IN PERIOD MIN: 60

(D) 1163

FINAL FLOW PERIOD MIN: 30

(E) 187 PSI TO (F) : 240

FINAL CLOSED IN PERIOD MIN: 60

(G) 1151

FINAL HYDROSTATIC PRESSURE

(H) 1415

WESTERN TESTING CO. INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY : SOURCE PETROLEUM
RIG : SEDGWICK-KS
FIELD : WARREN
WELL : A #1
DATE : 4-13-87
GAUGE NO : 10270

OPERATIONAL COMMENTS

CHLORIDES 94000 PPM

COMPANY : SOURCE PETROLEUM
WELL : A #1
GAUGE # : 10270
DATE : 13/ 4/87

FIELD : WARREN
JOB # : 11001
DEPTH : 2941
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	9: 5: 0	0.000	50.000	103.00	0.000
2	9: 9:59	0.083	50.000	103.00	0.000
3	9:15: 0	0.167	57.000	103.00	7.000
4	9:20: 0	0.250	79.000	103.00	22.000
5	9:24:59	0.333	99.000	103.00	20.000
6	9:30: 0	0.417	118.000	103.00	19.000
7	9:35: 0	0.500	134.000	103.00	16.000
8	9:38: 0	0.550	1032.000	103.00	898.000
9	9:41: 0	0.600	1078.000	103.00	46.000
10	9:44: 0	0.650	1103.000	103.00	25.000
11	9:47: 0	0.700	1118.000	103.00	15.000
12	9:50: 0	0.750	1127.000	103.00	9.000
13	9:53: 0	0.800	1135.000	103.00	8.000
14	9:56: 0	0.850	1141.000	103.00	6.000
15	9:59: 0	0.900	1145.000	103.00	4.000
16	10: 2: 0	0.950	1148.000	103.00	3.000
17	10: 5: 0	1.000	1150.000	103.00	2.000
18	10: 8: 0	1.050	1153.000	103.00	3.000
19	10:11: 0	1.100	1155.000	103.00	2.000
20	10:14: 0	1.150	1156.000	103.00	1.000
21	10:17: 0	1.200	1157.000	103.00	1.000
22	10:20: 0	1.250	1158.000	103.00	1.000
23	10:23: 0	1.300	1159.000	103.00	1.000
24	10:26: 0	1.350	1160.000	103.00	1.000
25	10:29: 0	1.400	1161.000	103.00	1.000
26	10:32: 0	1.450	1162.000	103.00	1.000
27	10:35: 0	1.500	1163.000	103.00	1.000
28	10:36: 0	1.517	187.000	103.00	-976.000
29	10:39:59	1.583	187.000	103.00	0.000
30	10:45: 0	1.667	192.000	103.00	5.000
31	10:50: 0	1.750	208.000	103.00	16.000
32	10:54:59	1.833	220.000	103.00	12.000
33	11: 0: 0	1.917	230.000	103.00	10.000
34	11: 5: 0	2.000	240.000	103.00	10.000
35	11: 8: 0	2.050	1025.000	103.00	785.000
36	11:11: 0	2.100	1077.000	103.00	52.000
37	11:14: 0	2.150	1100.000	103.00	23.000
38	11:17: 0	2.200	1112.000	103.00	12.000
39	11:20: 0	2.250	1119.000	103.00	7.000
40	11:23: 0	2.300	1126.000	103.00	7.000
41	11:26: 0	2.350	1131.000	103.00	5.000
42	11:29: 0	2.400	1133.000	103.00	2.000
43	11:32: 0	2.450	1138.000	103.00	5.000
44	11:35: 0	2.500	1140.000	103.00	2.000
45	11:38: 0	2.550	1142.000	103.00	2.000
46	11:41: 0	2.600	1143.000	103.00	1.000
47	11:44: 0	2.650	1144.000	103.00	1.000
48	11:47: 0	2.700	1145.000	103.00	1.000
49	11:50: 0	2.750	1146.000	103.00	1.000
50	11:53: 0	2.800	1147.000	103.00	1.000
51	11:56: 0	2.850	1148.000	103.00	1.000
52	11:59: 0	2.900	1149.000	103.00	1.000

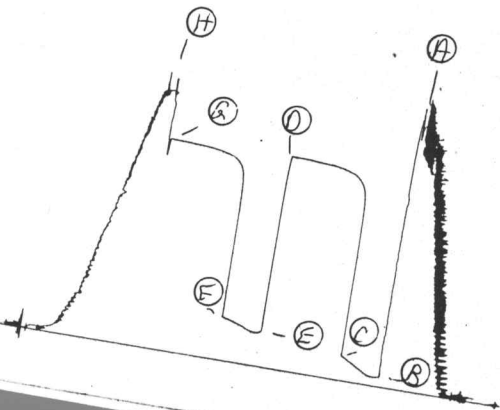
COMPANY : SOURCE PETROLEUM
WELL : A #1
GAUGE # : 10270
DATE : 13/ 4/87

FIELD : WARREN
JOB # : 11001
DEPTH : 2941
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P P1-P(i-1)
53	12: 2: 0	2.950	1150.000	103.00	1.000
54	12: 5: 0	3.000	1151.000	103.00	1.000

WESTERN TESTING CO. INC.

KT 11001
I



OST 1
15270

TKT 1100L



13268
89741

