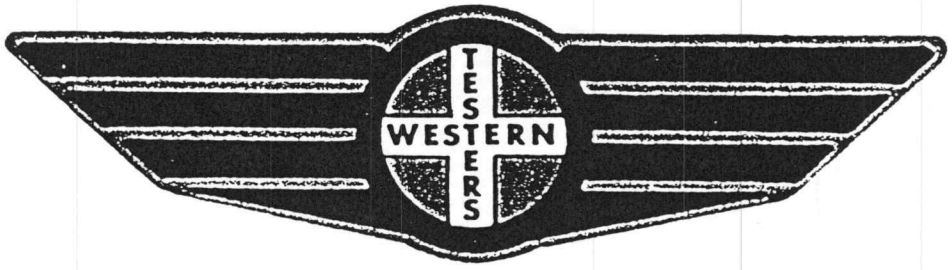
COMPANY KANSAS PETROLEUM INC. LEASE & WELL NO. MAPLE #3 SEC 1 TWP 30S RGE 7W TEST #1 DATE 11/22/89

FORMATION TEST REPORT



Home Office:
P.O. Box 1599

Wichita, Kansas 67201
Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	: 11/22/89			TICKET	: 15492
CUSTOMER	: KANSAS PETROLEUM INC.			LEASE	: MAPLE
WELL	: #3 TEST: 1			GEOLOGIST	: GEBHART
ELEVATION	: 1439 KB			FORMATION	: MISSISSIPPI
SECTION	: 1			TOWNSHIP	: 30S
RANGE	: 7W	COUNTY	: KINGMAN	STATE	: KANSAS
GAUGE SN#	: 1051	RANGE	: 4250	CLOCK	: 12

INTERVAL FROM	: 4096	TO	: 4104	TOTAL DEPTH	: 4104
DEPTH OF SELECTIVE ZONE	:				
PACKER DEPTH	: 4091	SIZE	: 6.63		
PACKER DEPTH	: 4096	SIZE	: 6.63		
PACKER DEPTH	:	SIZE	:		
PACKER DEPTH	:	SIZE	:		

DRILLING CON.	: ABERCROMBIE DRILLING RIG #7		
MUD TYPE	: CHEMICAL	VISCOSITY	: 48
WEIGHT	: 9.5	WATER LOSS (CC)	: 8.
CHLORIDES (PPM)	: 3000		
JARS-MAKE	: WTC	SERIAL NUMBER	: 421
DID WELL FLOW ?	: NO	REVERSED OUT ?	: NO

DRILL COLLAR LENGTH	: 0	FT	I.D. inch	: 0.00	
WEIGHT PIPE LENGTH	: 442	FT	I.D. inch	: 2.20	
DRILL PIPE LENGTH	: 3626	FT	I.D. inch	: 3.80	
TEST TOOL LENGTH	: 28	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	: 4.5 XH	

BLOW COMMENT #1 : INITIAL FLOW PERIOD-STRONG BLOW-GAS TO SURFACE
BLOW COMMENT #2 : IN 25 MINUTES.
BLOW COMMENT #3 : SEE FLOW CHART
BLOW COMMENT #4 :

RECOVERED : 30 FT OF: GAS CUT MUD
RECOVERED : 60 FT OF: GAS & SLIGHTLY OIL CUT WATER CUT MUD
RECOVERED : 0 FT OF: 5% GAS 10% OIL 10% WATER 75% MUD

Total Barrels Fluid = 0.42
Total Fluid Prod Rate = 5.08 BFPD
Indicated Oil Rate = 0.34 BOPD
Indicated Wtr Rate = 0.36 BWPD
Corrected Oil Rate = 3.01 BOPD
Corrected Wtr Rate = 3.16 BWPD

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

SET PACKER(S) : 2:30 PM TIME STARTED OFF BOTTOM : 7:00 PM
WELL TEMPERATURE : 126

INITIAL HYDROSTATIC PRESSURE			(A)	2093		
INITIAL FLOW PERIOD	MIN:	30	(B)	46	PSI TO (C) :	46
INITIAL CLOSED IN PERIOD	MIN:	63	(D)	742		
FINAL FLOW PERIOD	MIN:	90	(E)	60	PSI TO (F) :	66
FINAL CLOSED IN PERIOD	MIN:	99	(G)	628		
FINAL HYDROSTATIC PRESSURE			(H)	2011		

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY	: KANSAS PETROLEUM INC.
RIG	: KINGMAN-KANSAS
FIELD	: MAPLE
WELL	: #3
DATE	: 11/22/89
GAUGE NO	: 1051

OPERATIONAL COMMENTS

COMPANY : KANSAS PETROLEUM INC.
WELL : #3
GAUGE # : 1051
DATE : 22/11/89

FIELD : MAPLE
JOB # : 15492
DEPTH : 4104
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	2:30: 0	0.000	46.000	126.00	0.000
3	2:34:59	0.083	46.000	126.00	0.000
4	2:40: 0	0.167	46.000	126.00	0.000
5	2:45: 0	0.250	46.000	126.00	0.000
6	2:49:59	0.333	46.000	126.00	0.000
7	2:55: 0	0.417	46.000	126.00	0.000
8	3: 0: 0	0.500	46.000	126.00	0.000
	INITIAL SHUT-IN PERIOD				
9	3: 3: 0	0.550	341.000	126.00	295.000
10	3: 6: 0	0.600	520.000	126.00	179.000
11	3: 9: 0	0.650	602.000	126.00	82.000
12	3:12: 0	0.700	645.000	126.00	43.000
13	3:15: 0	0.750	671.000	126.00	26.000
14	3:18: 0	0.800	688.000	126.00	17.000
15	3:21: 0	0.850	703.000	126.00	15.000
16	3:24: 0	0.900	712.000	126.00	9.000
17	3:27: 0	0.950	718.000	126.00	6.000
18	3:30: 0	1.000	724.000	126.00	6.000
19	3:33: 0	1.050	727.000	126.00	3.000
20	3:36: 0	1.100	730.000	126.00	3.000
21	3:39: 0	1.150	732.000	126.00	2.000
22	3:42: 0	1.200	736.000	126.00	4.000
23	3:45: 0	1.250	738.000	126.00	2.000
24	3:48: 0	1.300	738.000	126.00	0.000
25	3:51: 0	1.350	738.000	126.00	0.000
26	3:54: 0	1.400	738.000	126.00	0.000
27	3:57: 0	1.450	738.000	126.00	0.000
28	4: 0: 0	1.500	740.000	126.00	2.000
29	4: 3: 0	1.550	742.000	126.00	2.000
	FINAL FLOW PERIOD				
30	4: 4: 0	1.567	60.000	126.00	-682.000
31	4: 7:59	1.633	60.000	126.00	0.000
32	4:13: 0	1.717	60.000	126.00	0.000
33	4:18: 0	1.800	60.000	126.00	0.000
34	4:22:59	1.883	60.000	126.00	0.000
35	4:28: 0	1.967	60.000	126.00	0.000
36	4:33: 0	2.050	60.000	126.00	0.000
37	4:37:59	2.133	60.000	126.00	0.000
38	4:43: 0	2.217	61.000	126.00	1.000
39	4:48: 0	2.300	62.000	126.00	1.000
40	4:52:59	2.383	62.000	126.00	0.000
41	4:58: 0	2.467	62.000	126.00	0.000
42	5: 3: 0	2.550	62.000	126.00	0.000
43	5: 7:59	2.633	63.000	126.00	1.000
44	5:13: 0	2.717	64.000	126.00	1.000
45	5:18: 0	2.800	66.000	126.00	2.000
46	5:22:59	2.883	66.000	126.00	0.000
47	5:28: 0	2.967	66.000	126.00	0.000
48	5:33: 0	3.050	66.000	126.00	0.000

COMPANY : KANSAS PETROLEUM INC.
WELL : #3
GAUGE # : 1051
DATE : 22/11/89

FIELD : MAPLE
JOB # : 15492
DEPTH : 4104
TEST :

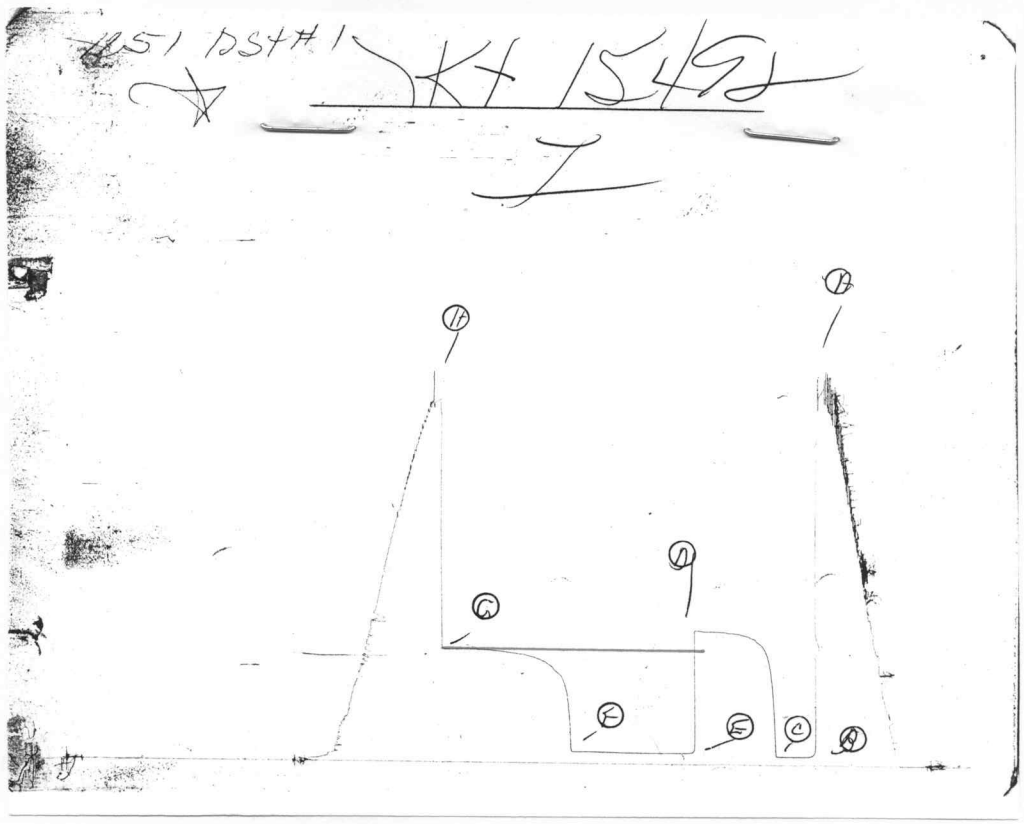
DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
48	5:33: 0	3.050	66.000	126.00	0.000
FINAL SHUT-IN PERIOD					
49	5:36: 0	3.100	310.000	126.00	244.000
50	5:38:59	3.150	423.000	126.00	113.000
51	5:42: 0	3.200	475.000	126.00	52.000
52	5:45: 0	3.250	500.000	126.00	25.000
53	5:48: 0	3.300	520.000	126.00	20.000
54	5:51: 0	3.350	541.000	126.00	21.000
55	5:53:59	3.400	554.000	126.00	13.000
56	5:57: 0	3.450	567.000	126.00	13.000
57	6: 0: 0	3.500	578.000	126.00	11.000
58	6: 3: 0	3.550	586.000	126.00	8.000
59	6: 6: 0	3.600	591.000	126.00	5.000
60	6: 9: 0	3.650	597.000	126.00	6.000
61	6:11:59	3.700	602.000	126.00	5.000
62	6:15: 0	3.750	604.000	126.00	2.000
63	6:18: 0	3.800	608.000	126.00	4.000
64	6:21: 0	3.850	610.000	126.00	2.000
65	6:24: 0	3.900	612.000	126.00	2.000
66	6:27: 0	3.950	614.000	126.00	2.000
67	6:30: 0	4.000	617.000	126.00	3.000
68	6:33: 0	4.050	620.000	126.00	3.000
69	6:36: 0	4.100	622.000	126.00	2.000
70	6:39: 0	4.150	624.000	126.00	2.000
71	6:42: 0	4.200	626.000	126.00	2.000
72	6:45: 0	4.250	628.000	126.00	2.000
73	6:48: 0	4.300	628.000	126.00	0.000
74	6:51: 0	4.350	628.000	126.00	0.000
75	6:54: 0	4.400	628.000	126.00	0.000
76	6:57: 0	4.450	628.000	126.00	0.000
77	7: 0: 0	4.500	628.000	126.00	0.000
78	7: 3: 0	4.550	628.000	126.00	0.000
79	7: 6: 0	4.600	628.000	126.00	0.000
80	7: 9: 0	4.650	628.000	126.00	0.000
81	7:12: 0	4.700	628.000	126.00	0.000

GAS FLOW REPORT

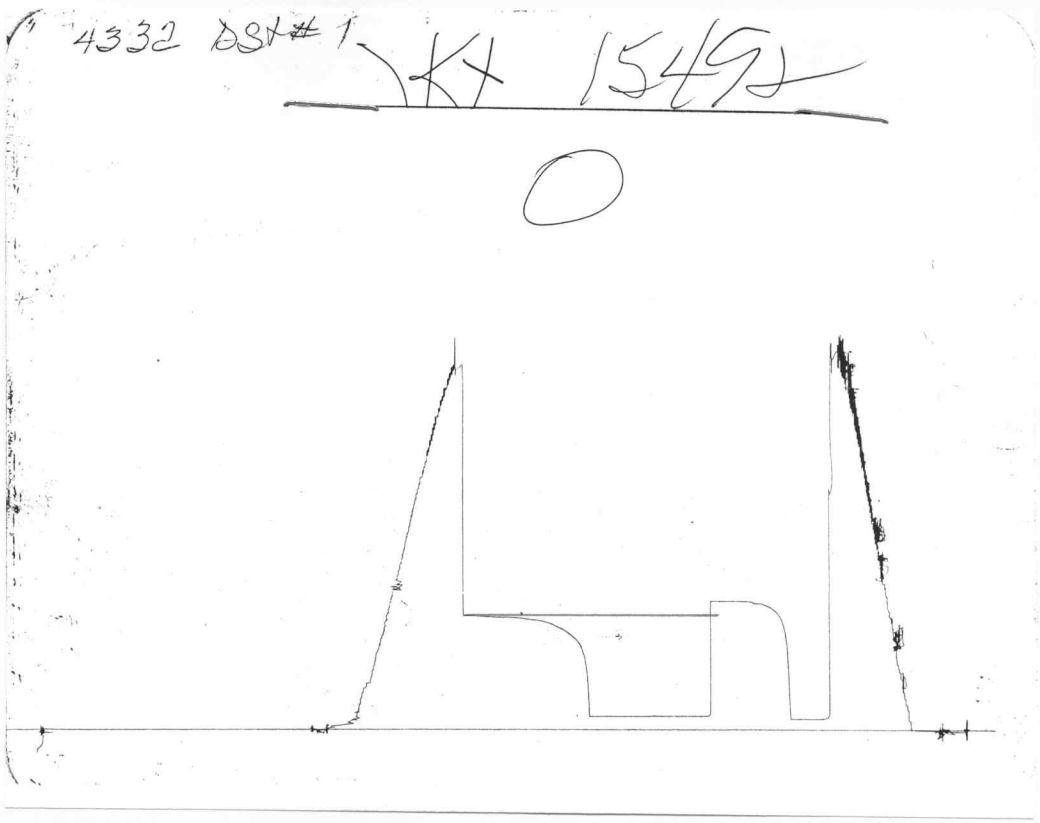
Date : 11/22/89 Ticket # : 15492
Customer : KANSAS PETROLEUM INC. Lease : MAPLE
Well : #3 Test : 1 Geologist : GEBHART
Elevation (KB) : 1439 KB Formation : MISSISSIPPI
Section : 1 Township : 30S
Range : 7W County : KINGMAN State : KANSAS
Gauge SN # : 1051 Range : 4250 Clock : 12

TIME GAUGE (MIN)	TESTER TYPE	ORFICE SIZE	PRESSURE (PSI)	FLOW DESCRIPTION
			PRE FLOW	
			========	
25	MERLA	1/2		GAS TO SURFACE
30	MERLA	1/2	20"WTR	28000 CFPD
			SECOND FLOW	
			==========	
10	MERLA	1/2	28"WTR	33200 CFPD
20	MERLA	1/2	30"WTR	34300 CFPD
30	MERLA	1/2	32"WTR	35500 CFPD
40	MERLA	1/2	34"WTR	36500 CFPD
50	MERLA	1/2	36"WTR	37600 CFPD
60	MERLA	1/2	38"WTR	38600 CFPD
70	MERLA	1/2	40"WTR	39600 CFPD
80	MERLA	1/2	42"WTR	40700 CFPD
90	MERLA	1/2	42"WTR	40700 CFPD

Gas Bottle SN # : 86
Date Bottle Filled : 11-22-89
Date to be Invoiced : 12-22-89



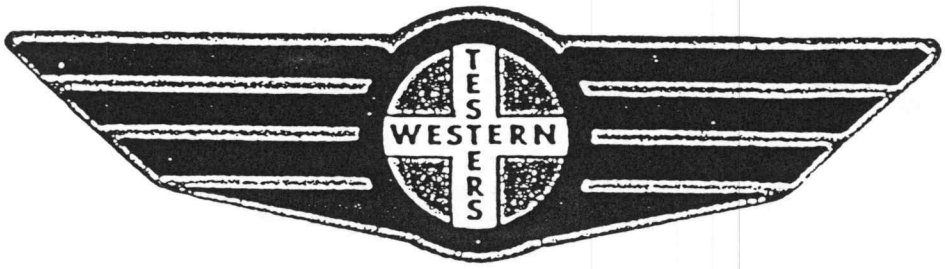
Inside Recorder



Outside Recorder

COMPANY KANSAS PETROLEUM, INC. LEASE & WELL NO. MAPLE #3 SEC 1 TWP 30S RGE 7W TEST # 2 DATE 11/23/89

FORMATION TEST REPORT



Home Office:

P.O. Box 1599

Wichita, Kansas 67201

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	: 11/23/89			TICKET	: 15493
CUSTOMER	: KANSAS PETROLEUM INC.			LEASE	: MAPLE
WELL	: #3 TEST: 2			GEOLOGIST	: GEBHART
ELEVATION	: 1439 KB			FORMATION	: MISSISSIPPI
SECTION	: 1			TOWNSHIP	: 30S
RANGE	: 7W	COUNTY	: KINGMAN	STATE	: KANSAS
GAUGE SN#	: 1051	RANGE	: 4250	CLOCK	: 12

INTERVAL FROM	: 4106	TO	: 4132	TOTAL DEPTH	: 4132
DEPTH OF SELECTIVE ZONE	:				
PACKER DEPTH	: 4101	SIZE	: 6.63		
PACKER DEPTH	: 4106	SIZE	: 6.63		
PACKER DEPTH	:	SIZE	:		
PACKER DEPTH	:	SIZE	:		

DRILLING CON.	: ABERCROMBIE DRILLING RIG #7		
MUD TYPE	: CHEMICAL	VISCOSITY	: 46
WEIGHT	: 9.3	WATER LOSS (CC)	: 8.8
CHLORIDES (PPM)	: 4000		
JARS-MAKE	: WTC	SERIAL NUMBER	: 421
DID WELL FLOW ?	: NO	REVERSED OUT ?	: NO

DRILL COLLAR LENGTH	: 0	FT	I.D. inch	: 0.00	
WEIGHT PIPE LENGTH	: 442	FT	I.D. inch	: 2.20	
DRILL PIPE LENGTH	: 3636	FT	I.D. inch	: 3.80	
TEST TOOL LENGTH	: 28	FT	TOOL SIZE	: 5.50	
ANCHOR LENGTH	: 26	FT	ANCHOR SIZE	: 5.50	
SURFACE CHOKE SIZE	: .75	IN	BOTTOM CHOKE SIZE	: .75	
MAIN HOLE SIZE	: 7.875	IN	TOOL JOINT SIZE	: 4.5 XH	

BLOW COMMENT #1 : INITIAL FLOW PERIOD-STRONG BLOW-GAS TO SURFACE IN
BLOW COMMENT #2 : 20 MINUTES-SEE FLOW CHART
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED	: 180	FT	OF: GAS & OIL MUD
RECOVERED	: 0	FT	OF: 10% GAS 20% OIL 70% MUD
RECOVERED	: 240	FT	OF: SLIGHTLY MUD CUT GASSY OIL
RECOVERED	: 0	FT	OF: 30% GAS 40% OIL 10% WATER 20% MUD
RECOVERED	: 120	FT	OF: WATER
RECOVERED	: 0	FT	OF: CHLORIDES 42000 PPM

Total Barrels Fluid	=	3.45
Total Fluid Prod Rate	=	55.24 BFPD
Indicated Oil Rate	=	13.50 BOPD
Indicated Wtr Rate	=	14.86 BWPD
Corrected Oil Rate	=	17.47 BOPD
Corrected Wtr Rate	=	19.23 BWPD

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

SET PACKER(S) : 8:30 AM TIME STARTED OFF BOTTOM : 12:00 PM
WELL TEMPERATURE : 130

INITIAL HYDROSTATIC PRESSURE			(A)	2058		
INITIAL FLOW PERIOD	MIN:	30	(B)	117	PSI TO (C) :	117
INITIAL CLOSED IN PERIOD	MIN:	63	(D)	624		
FINAL FLOW PERIOD	MIN:	60	(E)	181	PSI TO (F) :	181
FINAL CLOSED IN PERIOD	MIN:	60	(G)	570		
FINAL HYDROSTATIC PRESSURE			(H)	2033		

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY	: KANSAS PETROLEUM INC.
RIG	: KINGMAN-KANSAS
FIELD	: MAPLE
WELL	: #3
DATE	: 11/23/89
GAUGE NO	: 1051

OPERATIONAL COMMENTS

COMPANY : KANSAS PETROLEUM INC.
WELL : #3
GAUGE # : 1051
DATE : 23/11/89

FIELD : MAPLE
JOB # : 15493
DEPTH : 4132
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	8:30: 0	0.000	117.000	130.00	0.000
3	8:34:59	0.083	117.000	130.00	0.000
4	8:40: 0	0.167	117.000	130.00	0.000
5	8:45: 0	0.250	117.000	130.00	0.000
6	8:49:59	0.333	117.000	130.00	0.000
7	8:55: 0	0.417	117.000	130.00	0.000
8	9: 0: 0	0.500	117.000	130.00	0.000
	INITIAL SHUT-IN PERIOD				
9	9: 3: 0	0.550	172.000	130.00	55.000
10	9: 6: 0	0.600	261.000	130.00	89.000
11	9: 9: 0	0.650	318.000	130.00	57.000
12	9:12: 0	0.700	361.000	130.00	43.000
13	9:15: 0	0.750	386.000	130.00	25.000
14	9:18: 0	0.800	411.000	130.00	25.000
15	9:21: 0	0.850	433.000	130.00	22.000
16	9:24: 0	0.900	458.000	130.00	25.000
17	9:27: 0	0.950	468.000	130.00	10.000
18	9:30: 0	1.000	480.000	130.00	12.000
19	9:33: 0	1.050	488.000	130.00	8.000
20	9:36: 0	1.100	496.000	130.00	8.000
21	9:39: 0	1.150	502.000	130.00	6.000
22	9:42: 0	1.200	507.000	130.00	5.000
23	9:45: 0	1.250	512.000	130.00	5.000
24	9:48: 0	1.300	536.000	130.00	24.000
25	9:51: 0	1.350	568.000	130.00	32.000
26	9:54: 0	1.400	586.000	130.00	18.000
27	9:57: 0	1.450	603.000	130.00	17.000
28	10: 0: 0	1.500	616.000	130.00	13.000
29	10: 3: 0	1.550	624.000	130.00	8.000
	FINAL FLOW PERIOD				
30	10: 4: 0	1.567	181.000	130.00	-443.000
31	10: 7:59	1.633	181.000	130.00	0.000
32	10:13: 0	1.717	181.000	130.00	0.000
33	10:18: 0	1.800	181.000	130.00	0.000
34	10:22:59	1.883	181.000	130.00	0.000
35	10:28: 0	1.967	181.000	130.00	0.000
36	10:33: 0	2.050	181.000	130.00	0.000
37	10:37:59	2.133	181.000	130.00	0.000
38	10:43: 0	2.217	181.000	130.00	0.000
39	10:48: 0	2.300	181.000	130.00	0.000
40	10:52:59	2.383	181.000	130.00	0.000
41	10:58: 0	2.467	181.000	130.00	0.000
42	11: 3: 0	2.550	181.000	130.00	0.000
	FINAL SHUT-IN PERIOD				
43	11: 6: 0	2.600	278.000	130.00	97.000
44	11: 8:59	2.650	349.000	130.00	71.000
45	11:12: 0	2.700	398.000	130.00	49.000
46	11:15: 0	2.750	420.000	130.00	22.000
47	11:18: 0	2.800	444.000	130.00	24.000
48	11:21: 0	2.850	460.000	130.00	16.000

COMPANY : KANSAS PETROLEUM INC.
WELL : #3
GAUGE # : 1051
DATE : 23/11/89

FIELD : MAPLE
JOB # : 15493
DEPTH : 4132
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
49	11:23:59	2.900	485.000	130.00	25.000
50	11:27: 0	2.950	498.000	130.00	13.000
51	11:30: 0	3.000	507.000	130.00	9.000
52	11:33: 0	3.050	515.000	130.00	8.000
53	11:36: 0	3.100	524.000	130.00	9.000
54	11:39: 0	3.150	530.000	130.00	6.000
55	11:41:59	3.200	538.000	130.00	8.000
56	11:45: 0	3.250	545.000	130.00	7.000
57	11:48: 0	3.300	552.000	130.00	7.000
58	11:51: 0	3.350	557.000	130.00	5.000
59	11:54: 0	3.400	563.000	130.00	6.000
60	11:56:59	3.450	565.000	130.00	2.000
61	12: 0: 0	3.500	567.000	130.00	2.000
62	12: 3: 0	3.550	570.000	130.00	3.000

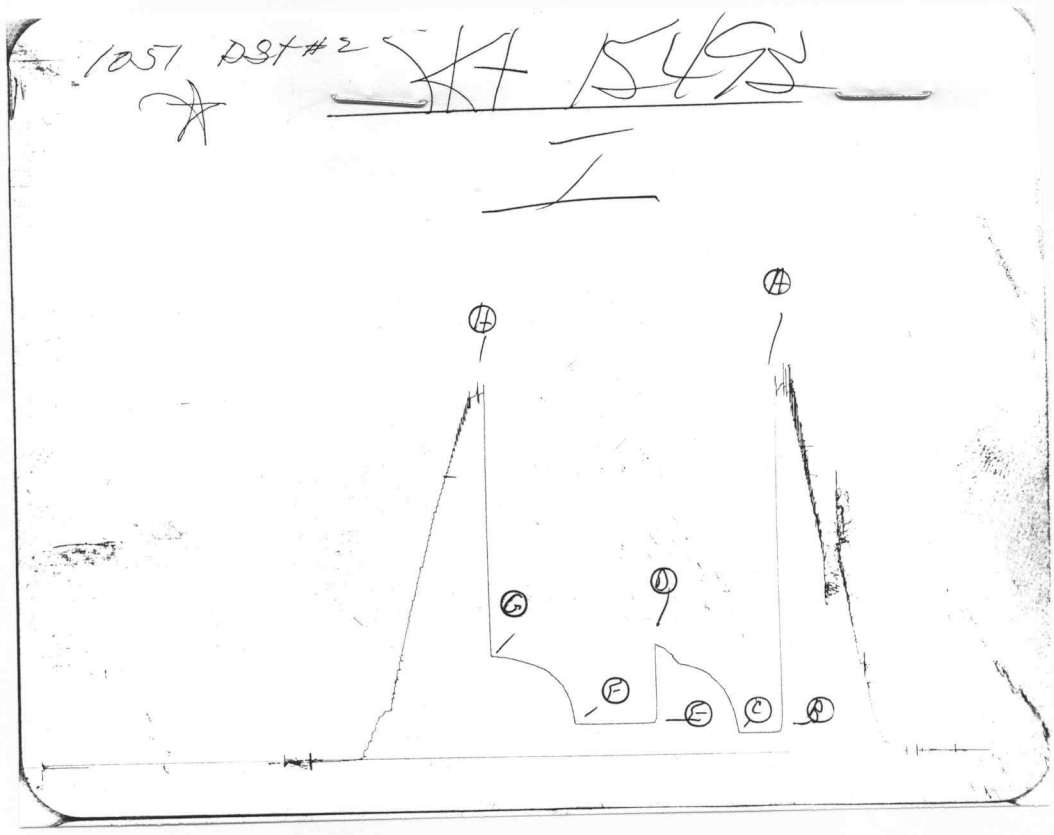
GAS FLOW REPORT

Date : 11/23/89
Customer : KANSAS PETROLEUM INC.
Well : #3 Test : 2
Elevation (KB) : 1439 KB Formation : MISSISSIPPI
Section : 1 Township : 30S
Range : 7W County : KINGMAN
Gauge SN # : 1051 Range : 4250

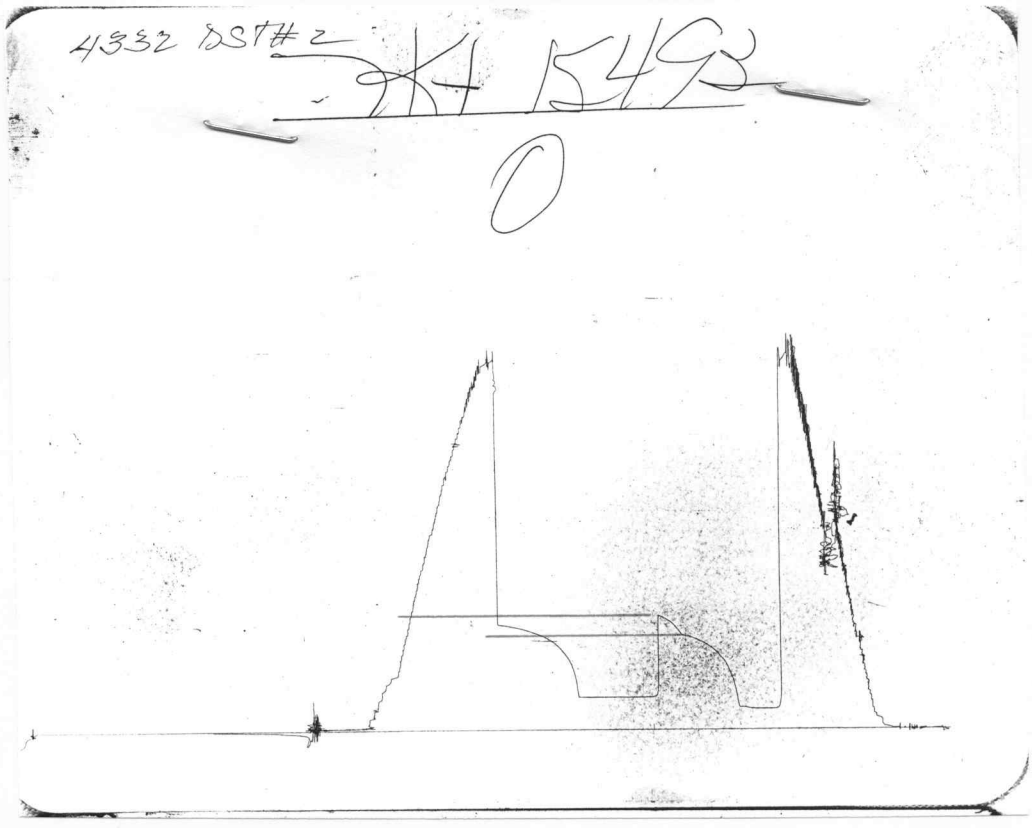
Ticket # : 15493
Lease : MAPLE
Geologist : GEBHART
State : KANSAS
Clock : 12

TIME GAUGE (MIN)	TESTER TYPE	ORFICE SIZE	PRESSURE (PSI)	FLOW DESCRIPTION
		PRE FLOW		
20		1/2		GAS TO SURFACE
30	MERLA	1/2	14"WTR	28000 CFPD
		SECOND FLOW		
10	MERLA	1/2	13"WTR	22800 CFPD
20	MERLA	1/2	10"WTR	19900 CFPD
30	MERLA	1/2	9"WTR	18800 CFPD
40	MERLA	1/2	12"WTR	21900 CFPD
50	MERLA	1/2	12"WTR	21900 CFPD
60	MERLA	1/2	12"WTR	21900 CFPD

Gas Bottle SN # :
Date Bottle Filled :
Date to be Invoiced :



Inside Recorder



Outside Recorder