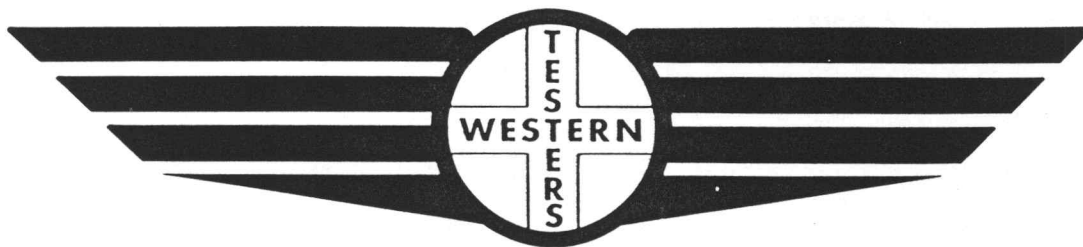


FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY RAINS & WILLIAMSON OIL CO INC LEASE & WELL NO. #3 STRECKER 'A' SEC. 29 TWP. 11SRGE. 14W TEST NO. 1 DATE 6/1/86

SUBSURFACE PRESSURE SURVEY

DATE : 6-1-86 TICKET : 11039
 CUSTOMER : RAINS & WILLIAMSON OIL CO INC LEASE : STRECKER 'A'
 WELL : #3 TEST: 1 GEOLOGIST : M. ENGELBRECHT
 ELEVATION : 1827 FORMATION : KANSAS CITY
 SECTION : 29 TOWNSHIP : 11S
 RANGE : 14W COUNTY : RUSSELL STATE : KANSAS
 GAUGE SN# : 13548 RANGE : 4075 CLOCK : 12

INTERVAL FROM : 3030 TO : 3060 TOTAL DEPTH : 3060
 DEPTH OF SELECTIVE ZONE :
 PACKER DEPTH : 3025 SIZE : 6.63
 PACKER DEPTH : 3030 SIZE : 6.63
 PACKER DEPTH : SIZE :
 PACKER DEPTH : SIZE :

DRILLING CON. : RAINS & WILLIAMSON DRLG. RIG #9
 MUD TYPE : STARCH VISCOSITY : 42
 WEIGHT : 9.8 WATER LOSS (CC) : 13.2
 CHLORIDES (PPM) : 54000
 JARS-MAKE : -- SERIAL NUMBER :
 DID WELL FLOW ? : NO REVERSED OUT ? : NO

DRILL COLLAR LENGTH : 120 FT I.D. inch : 2.25
 WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00
 DRILL PIPE LENGTH : 2890 FT I.D. inch : 3.80
 TEST TOOL LENGTH : 20 FT TOOL SIZE : 5.50
 ANCHOR LENGTH : 30 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 : WEAK BLOW BUILDING TO GOOD ON
 BLOW COMMENT #2 : THE INITIAL FLOW.
 BLOW COMMENT #3 : GOOD STEADY BLOW THROUGHTOUT
 BLOW COMMENT #4 : THE FINAL FLOW.

RECOVERED : 310 FT OF: MUDDY WATER 3.26 Barrels
 RECOVERED : 0 FT OF: 0.00 Barrels
 RECOVERED : 0 FT OF: 0.00 Barrels
 RECOVERED : 0 FT OF: 0.00 Barrels
 RECOVERED : 0 FT OF: 0.00 Barrels
 RECOVERED : 0 FT OF: 0.00 Barrels
 RECOVERED : 0 FT OF: 0.00 Barrels
 RECOVERED : 0 FT OF: 0.00 Barrels
 RECOVERED : 0 FT OF: 0.00 Barrels
 RECOVERED : 0 FT OF: 0.00 Barrels
 Total Barrels = 3.3 Total Production = 52.1 Bpd

REMARK 1 : CHLORIDES: 57000 PPM
 REMARK 2 : SLID TOOL APPOX. 5' AFTER OPENING
 REMARK 3 :
 REMARK 4 :

SET PACKER(S) : 8:40 PM TIME STARTED OFF BOTTOM : 11:40 PM
 WELL TEMPERATURE : 104
 INITIAL HYDROSTATIC PRESSURE (A) 1594
 INITIAL FLOW PERIOD MIN: 30 (B) 80 PSI TO (C) : 86
 INITIAL CLOSED IN PERIOD MIN: 30 (D) 700
 FINAL FLOW PERIOD MIN: 60 (E) 153 PSI TO (F) : 153
 FINAL CLOSED IN PERIOD MIN: 60 (G) 703
 FINAL HYDROSTATIC PRESSURE (H) 1573

Pressure Transient Report

DATA FILE.....

COMPANY.....RAINS & WILLIAMSON OIL CO INC

DATE OF TEST.....6-1-86

FIELD NAME.....STRECKER 'A'

WELL NAME.....#3

LOCATION.....RUSSELL-KANSAS

JOB NUMBER.....11039

GAUGE NUMBER.....13548

GAUGE DEPTH.....3060

COMMENTS

CHLORIDES: 57000 PPM

SLID TOOL APPROX. 5' AFTER OPENING

START UP TIME	(mo/da/yr)	(hr:min:sec)
	6./1/86.	8.: 40.: 0.

COMPANY : RAINS & WILLIAMSON OIL CO INC FIELD : STRECKER 'A'
WELL : #3 JOB # : 11039
GAUGE # : 13548 DEPTH : 3060
MON/DAY : 6/ 1

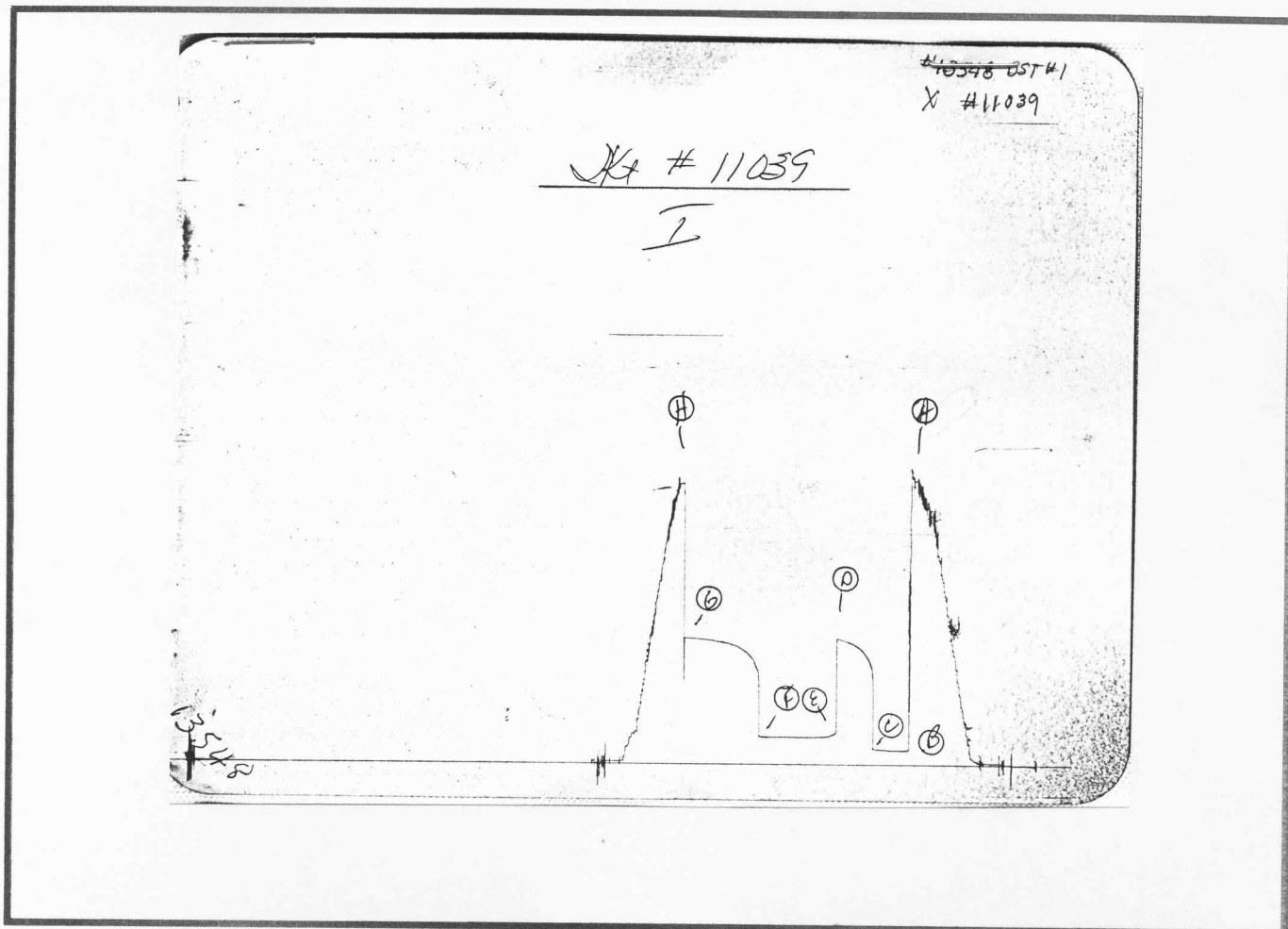
PAGE 1

REC#	REAL TIME HR:MIN:SEC	ELAPSE TIME MINS HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P (Po-Pi)	DP/DT Psi/hr
1	8:40: 0	0 0.000	80.00	104.0	0.00	0.00
2	8:45: 0	5 0.083	80.00	104.0	0.00	0.00
3	8:50: 0	10 0.167	80.00	104.0	0.00	0.00
4	8:55: 0	15 0.250	80.00	104.0	0.00	0.00
5	9: 0: 0	20 0.333	82.00	104.0	2.00	24.02
6	9: 5: 0	25 0.417	84.00	104.0	4.00	24.02
7	9:10: 0	30 0.500	86.00	104.0	6.00	23.95
8	9:13: 0	33 0.550	541.00	104.0	461.00	9135.69
9	9:16: 0	36 0.600	590.00	104.0	510.00	979.04
10	9:19: 0	39 0.650	617.00	104.0	537.00	539.47
11	9:22: 0	42 0.700	641.00	104.0	561.00	479.53
12	9:25: 0	45 0.750	656.00	104.0	576.00	299.71
13	9:28: 0	48 0.800	670.00	104.0	590.00	281.10
14	9:31: 0	51 0.850	681.00	104.0	601.00	219.79
15	9:34: 0	54 0.900	689.00	104.0	609.00	159.84
16	9:37: 0	57 0.950	695.00	104.0	615.00	119.88
17	9:40: 0	60 1.000	700.00	104.0	620.00	99.90
18	9:41: 0	61 1.017	153.00	104.0	73.00	-32948.71
19	9:45: 0	65 1.083	153.00	104.0	73.00	0.00
20	9:50: 0	70 1.167	153.00	104.0	73.00	0.00
21	9:55: 0	75 1.250	153.00	104.0	73.00	0.00
22	10: 0: 0	80 1.333	153.00	104.0	73.00	0.00
23	10: 5: 0	85 1.417	153.00	104.0	73.00	0.00
24	10:10: 0	90 1.500	153.00	104.0	73.00	0.00
25	10:15: 0	95 1.583	153.00	104.0	73.00	0.00
26	10:20: 0	100 1.667	153.00	104.0	73.00	0.00
27	10:25: 0	105 1.750	153.00	104.0	73.00	0.00
28	10:30: 0	110 1.833	153.00	104.0	73.00	0.00
29	10:35: 0	115 1.917	153.00	104.0	73.00	0.00
30	10:40: 0	120 2.000	153.00	104.0	73.00	0.00
31	10:43: 0	123 2.050	525.00	104.0	445.00	7469.18
32	10:46: 0	126 2.100	569.00	104.0	489.00	879.14
33	10:49: 0	129 2.150	601.00	104.0	521.00	639.38
34	10:52: 0	132 2.200	620.00	104.0	540.00	379.63
35	10:55: 0	135 2.250	637.00	104.0	557.00	339.67
36	10:58: 0	138 2.300	650.00	104.0	570.00	261.02
37	11: 1: 0	141 2.350	660.00	104.0	580.00	199.80
38	11: 4: 0	144 2.400	668.00	104.0	588.00	159.84
39	11: 7: 0	147 2.450	673.00	104.0	593.00	99.90
40	11:10: 0	150 2.500	678.00	104.0	598.00	99.90
41	11:13: 0	153 2.550	682.00	104.0	602.00	80.31
42	11:16: 0	156 2.600	685.00	104.0	605.00	59.94
43	11:19: 0	159 2.650	688.00	104.0	608.00	59.94
44	11:22: 0	162 2.700	691.00	104.0	611.00	59.94
45	11:25: 0	165 2.750	694.00	104.0	614.00	59.94
46	11:28: 0	168 2.800	696.00	104.0	616.00	40.16
47	11:31: 0	171 2.850	698.00	104.0	618.00	39.96
48	11:34: 0	174 2.900	700.00	104.0	620.00	39.96
49	11:37: 0	177 2.950	702.00	104.0	622.00	39.96

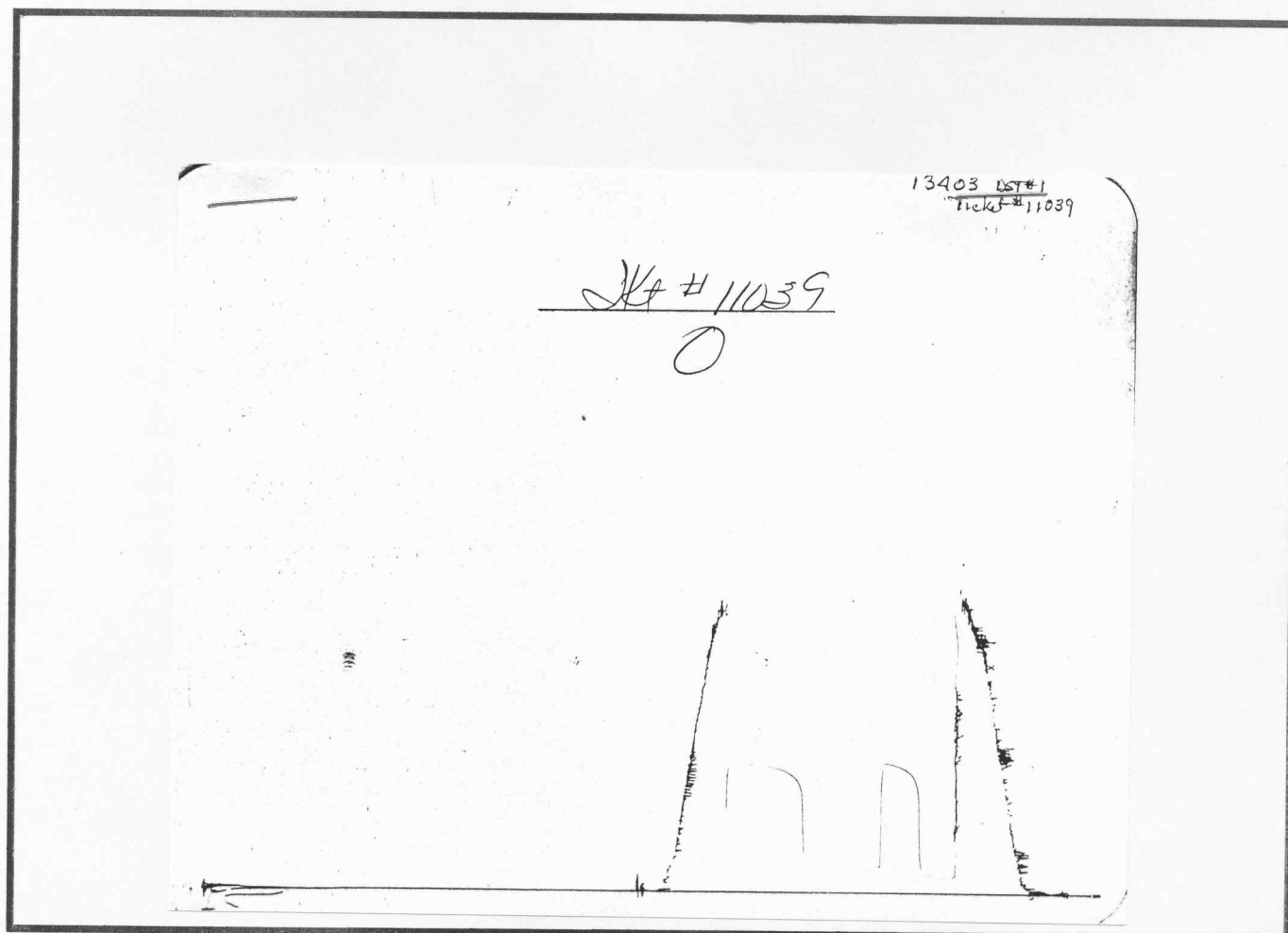
COMPANY : RAINS & WILLIAMSON OIL CO INC FIELD : STRECKER 'A'
WELL : #3 JOB # : 11039
GAUGE # : 13548 DEPTH : 3060
MON/DAY : 6/ 1

PAGE 2

REC#	REAL TIME HR:MIN:SEC	ELAPSE TIME MINS HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P (Po-Pi)	DP/DT Psi/hr
50	11:40: 0	180 3.000	703.00	104.0	623.00	19.98

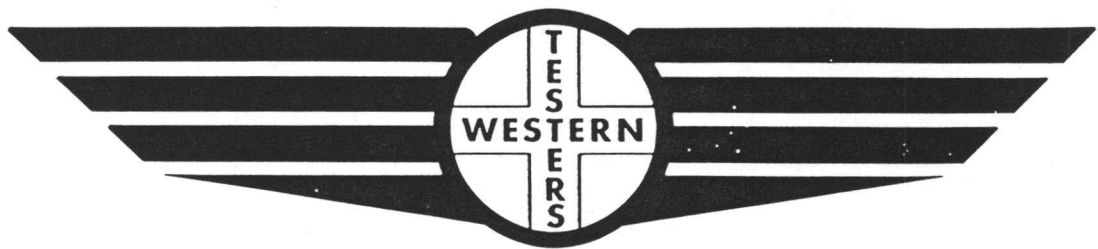


Inside Recorder



Outside Recorder

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY RAINS & WILLIAMSON OIL CO INC LEASE & WELL NO. #3 STRECKER 'A' SEC. 29 TWP. 11SRGE. 14W TEST NO. 2 DATE 6/2/86

SUBSURFACE PRESSURE SURVEY

DATE	: 6-2-86	TICKET	: 11040
CUSTOMER	: RAINS & WILLIAMSON OIL CO INC	LEASE	: STRECKER 'A'
WELL	: #3	TEST:	: 2
ELEVATION	: 1827	GEOLOGIST	: M. ENGELBRECHT
SECTION	: 29	FORMATION	: KANSAS CITY
RANGE	: 14W	COUNTY	: RUSSELL
GAUGE SN#	: 13548	RANGE	: 4075
		STATE	: KANSAS
		CLOCK	: 12

INTERVAL FROM	: 3064	TO	: 3072	TOTAL DEPTH	: 3072
DEPTH OF SELECTIVE ZONE :					
PACKER DEPTH	: 3059	SIZE	: 6.63		
PACKER DEPTH	: 3064	SIZE	: 6.63		
PACKER DEPTH	:	SIZE	:		
PACKER DEPTH	:	SIZE	:		

DRILLING CON.	: RAINS & WILLIAMSON DRLG. RIG #9		
MUD TYPE	: STARCH	VISCOSITY	: 45
WEIGHT	: 9.9	WATER LOSS (CC)	: 14.6
CHLORIDES (PPM)	: 54000		
JARS-MAKE	: --	SERIAL NUMBER	:
DID WELL FLOW ?	: NO	REVERSED OUT ?	: NO

DRILL COLLAR LENGTH	: 120	FT	I.D. inch	: 2.25
WEIGHT PIPE LENGTH	: 0	FT	I.D. inch	: 0.00
DRILL PIPE LENGTH	: 2924	FT	I.D. inch	: 3.80
TEST TOOL LENGTH	: 20	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 : WEAK BLOW BUILDING TO A STRONG
 BLOW COMMENT #2 : BLOW ON THE INITIAL FLOW.
 BLOW COMMENT #3 : STRONG STEADY BLOW THROUGHOUT
 BLOW COMMENT #4 : THE FINAL FLOW.

RECOVERED	: 30	FT	OF: HVY OIL CUT GSY MUD	0.26 Barrels
RECOVERED	: 0	FT	OF: 55% O;20% G;15%W 10%M	0.00 Barrels
RECOVERED	: 180	FT	OF: SLT OIL CUT GSY WTR	1.59 Barrels
RECOVERED	: 0	FT	OF: 1%O;4%G;95%SW	0.00 Barrels
RECOVERED	: 0	FT	OF:	0.00 Barrels
RECOVERED	: 0	FT	OF:	0.00 Barrels
RECOVERED	: 0	FT	OF:	0.00 Barrels
RECOVERED	: 0	FT	OF:	0.00 Barrels
RECOVERED	: 0	FT	OF:	0.00 Barrels
Total Barrels = 1.9		Total Production = 29.6 Bpd		

REMARK 1 : RECOVERED 300 FEET OF GAS ABOVE FLUID.
 REMARK 2 : CHLORIDES: 51000 PPM
 REMARK 3 :
 REMARK 4 :

SET PACKER(S)	: 8:50 AM	TIME STARTED OFF BOTTOM	: 11:50 AM
WELL TEMPERATURE	: 104		
INITIAL HYDROSTATIC PRESSURE		(A)	1631
INITIAL FLOW PERIOD	MIN: 30	(B)	38
INITIAL CLOSED IN PERIOD	MIN: 30	(D)	584
FINAL FLOW PERIOD	MIN: 60	(E)	134
FINAL CLOSED IN PERIOD	MIN: 60	(G)	594
FINAL HYDROSTATIC PRESSURE		(H)	1616

Pressure Transient Report

DATA FILE.....

COMPANY.....RAINS & WILLIAMSON OIL CO INC

DATE OF TEST.....6-2-86

FIELD NAME.....STRECKER 'A'

WELL NAME.....#3

LOCATION.....RUSSELL-KANSAS

JOB NUMBER.....11040

GAUGE NUMBER.....13548

GAUGE DEPTH.....3072

COMMENTS

RECOVERED 300 FEET OF GAS ABOVE FLUID.

CHLORIDES: 51000 PPM

START UP TIME	(mo/da/yr)	(hr:min:sec)
	6./2/86.	8.: 50.: 0.

COMPANY : RAINS & WILLIAMSON OIL CO INC FIELD : STRECKER 'A'

WELL : #3 JOB # : 11040

GAUGE # : 13548 DEPTH : 3072

MON/DAY : 6/ 2

PAGE 1

REC#	REAL TIME HR:MIN:SEC	ELAPSE TIME MINS HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P (Po-Pi)	DP/DT Psi/hr
1	8:50: 0	0 0.000	38.00	104.0	0.00	19.98
2	8:55: 0	5 0.083	38.00	104.0	0.00	0.00
3	9: 0: 0	10 0.167	38.00	104.0	0.00	0.00
4	9: 5: 0	15 0.250	41.00	104.0	3.00	36.04
5	9:10: 0	20 0.333	48.00	104.0	10.00	83.84
6	9:15: 0	25 0.417	54.00	104.0	16.00	72.07
7	9:20: 0	30 0.500	61.00	104.0	23.00	84.08
8	9:23: 0	33 0.550	457.00	104.0	419.00	7912.27
9	9:26: 0	36 0.600	506.00	104.0	468.00	979.04
10	9:29: 0	39 0.650	528.00	104.0	490.00	439.57
11	9:32: 0	42 0.700	547.00	104.0	509.00	379.63
12	9:35: 0	45 0.750	555.00	104.0	517.00	160.63
13	9:38: 0	48 0.800	563.00	104.0	525.00	159.84
14	9:41: 0	51 0.850	571.00	104.0	533.00	159.84
15	9:44: 0	54 0.900	578.00	104.0	540.00	139.86
16	9:47: 0	57 0.950	581.00	104.0	543.00	59.94
17	9:50: 0	60 1.000	584.00	104.0	546.00	60.24
18	9:51: 0	61 1.017	134.00	104.0	96.00	-26713.04
19	9:55: 0	65 1.083	134.00	104.0	96.00	0.00
20	10: 0: 0	70 1.167	134.00	104.0	96.00	0.00
21	10: 5: 0	75 1.250	134.00	104.0	96.00	0.00
22	10:10: 0	80 1.333	134.00	104.0	96.00	0.00
23	10:15: 0	85 1.417	134.00	104.0	96.00	0.00
24	10:20: 0	90 1.500	134.00	104.0	96.00	0.00
25	10:25: 0	95 1.583	134.00	104.0	96.00	0.00
26	10:30: 0	100 1.667	134.00	104.0	96.00	0.00
27	10:35: 0	105 1.750	134.00	104.0	96.00	0.00
28	10:40: 0	110 1.833	134.00	104.0	96.00	0.00
29	10:45: 0	115 1.917	134.00	104.0	96.00	0.00
30	10:50: 0	120 2.000	134.00	104.0	96.00	0.00
31	10:53: 0	123 2.050	419.00	104.0	381.00	5694.44
32	10:56: 0	126 2.100	493.00	104.0	455.00	1478.56
33	10:59: 0	129 2.150	517.00	104.0	479.00	479.53
34	11: 2: 0	132 2.200	532.00	104.0	494.00	299.71
35	11: 5: 0	135 2.250	543.00	104.0	505.00	220.86
36	11: 8: 0	138 2.300	551.00	104.0	513.00	159.84
37	11:11: 0	141 2.350	559.00	104.0	521.00	159.84
38	11:14: 0	144 2.400	563.00	104.0	525.00	79.92
39	11:17: 0	147 2.450	568.00	104.0	530.00	99.90
40	11:20: 0	150 2.500	572.00	104.0	534.00	80.31
41	11:23: 0	153 2.550	576.00	104.0	538.00	79.92
42	11:26: 0	156 2.600	579.00	104.0	541.00	59.94
43	11:29: 0	159 2.650	582.00	104.0	544.00	59.94
44	11:32: 0	162 2.700	585.00	104.0	547.00	59.94
45	11:35: 0	165 2.750	588.00	104.0	550.00	60.24
46	11:38: 0	168 2.800	590.00	104.0	552.00	39.96
47	11:41: 0	171 2.850	591.00	104.0	553.00	19.98
48	11:44: 0	174 2.900	592.00	104.0	554.00	19.98
49	11:47: 0	177 2.950	593.00	104.0	555.00	19.98

COMPANY : RAINS & WILLIAMSON OIL CO INC FIELD : STRECKER 'A'

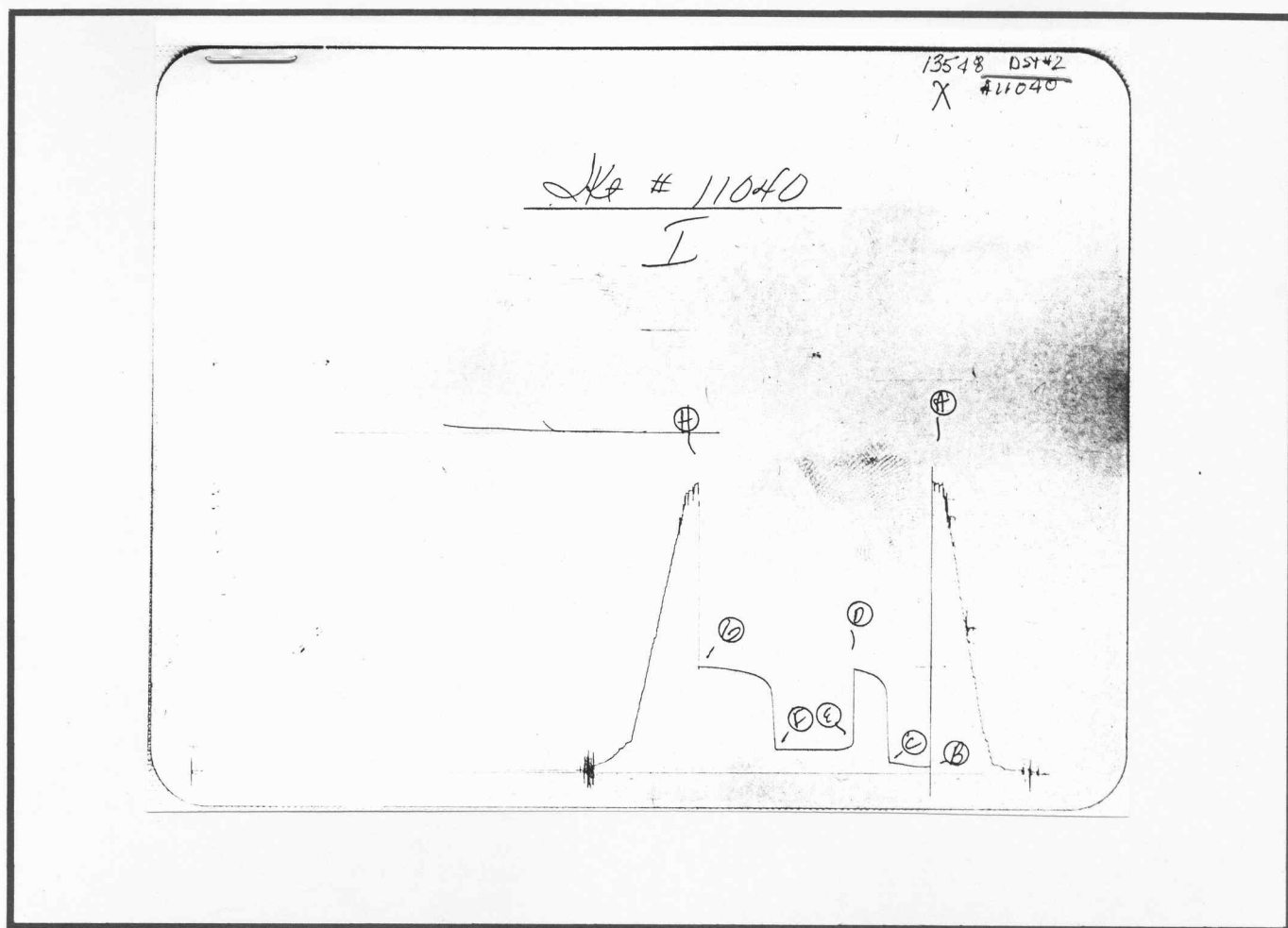
WELL : #3 JOB # : 11040

GAUGE # : 13548 DEPTH : 3072

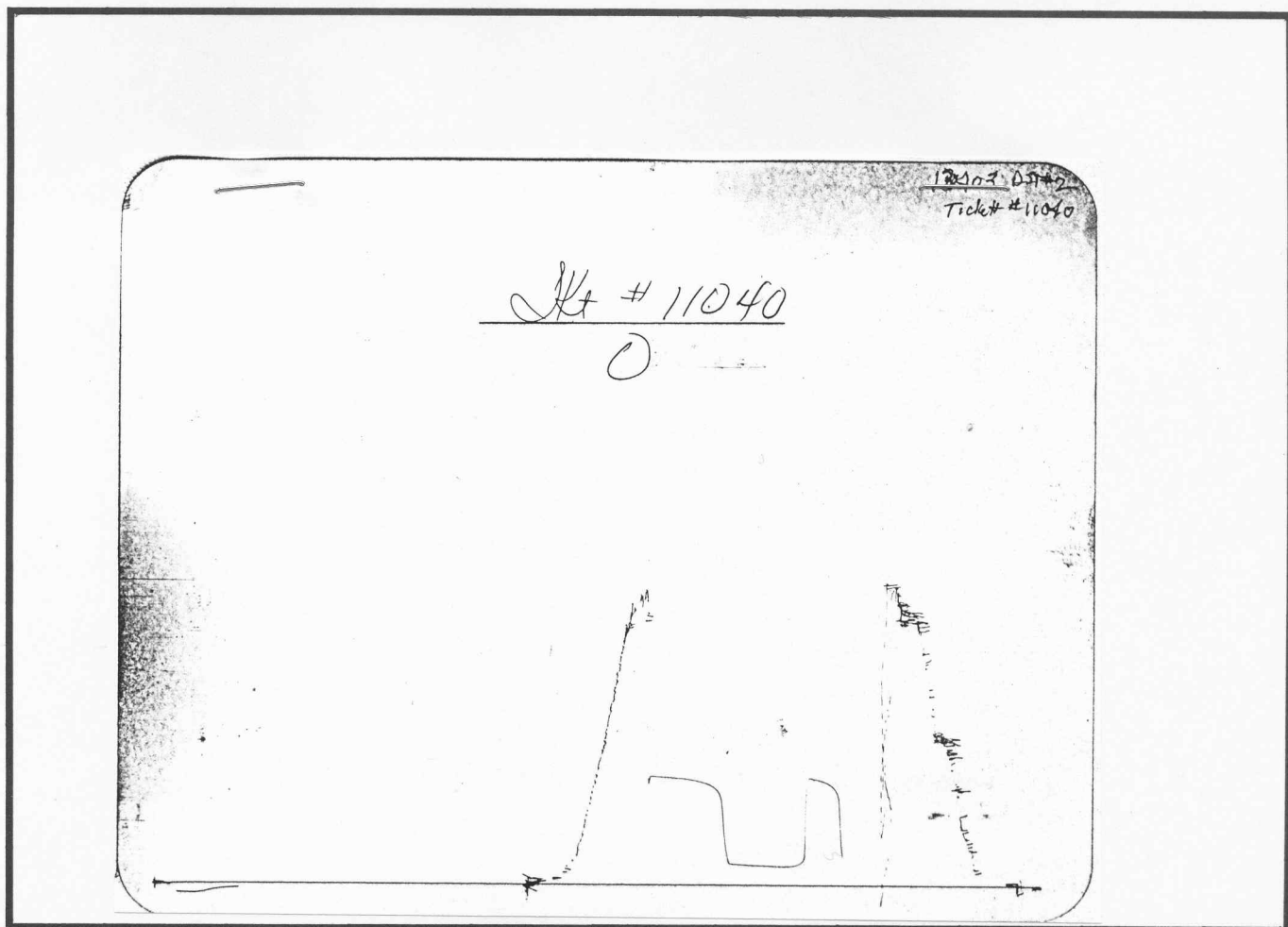
MON/DAY : 6/ 2

PAGE 2

REC#	REAL TIME HR:MIN:SEC	ELAPSE TIME MINS HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P (Po-Pi)	DP/DT Psi/hr
50	11:50: 0	180 3.000	594.00	104.0	556.00	20.08

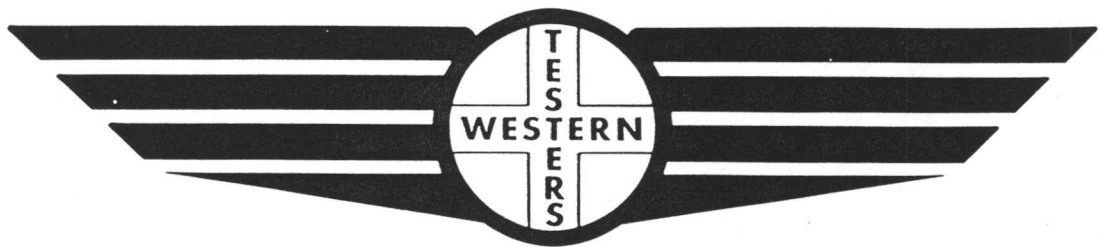


Inside Recorder



Outside Recorder

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

SUBSURFACE PRESSURE SURVEY

DATE	: 6-3-86	TICKET	: 11041
CUSTOMER	: RAINS & WILLIAMSON OIL CO INC	LEASE	: STRECKER 'A'
WELL	: #3 TEST: 3	GEOLOGIST	: M. ENGELBRECHT
ELEVATION	: 1827	FORMATION	: --
SECTION	: 29	TOWNSHIP	: 11S
RANGE	: 14W	COUNTY	: RUSSELL
GAUGE SN#	: 13548	STATE	: KANSAS
		CLOCK	: 12
		RANGE	: 4075

INTERVAL FROM	: 3182	TO	: 3200	TOTAL DEPTH	: 3200
DEPTH OF SELECTIVE ZONE	:				
PACKER DEPTH	: 3177	SIZE	: 6.63		
PACKER DEPTH	: 3182	SIZE	: 6.63		
PACKER DEPTH	:	SIZE	:		
PACKER DEPTH	:	SIZE	:		

DRILLING CON.	: RAINS & WILLIAMSON RIG #9		
MUD TYPE	: STARCH	VISCOSITY	: 45
WEIGHT	: 9.9	WATER LOSS (CC)	: 14.6
CHLORIDES (PPM)	: 54000		
JARS-MAKE	: --	SERIAL NUMBER	:
DID WELL FLOW ?	: NO	REVERSED OUT ?	: NO

DRILL COLLAR LENGTH	: 120	FT	I.D. inch	: 2.25
WEIGHT PIPE LENGTH	: 0	FT	I.D. inch	: 0.00
DRILL PIPE LENGTH	: 3042	FT	I.D. inch	: 3.80
TEST TOOL LENGTH	: 20	FT	TOOL SIZE	: 5.50
ANCHOR LENGTH	: 18	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 : WEAK BLOW BUILDING TO STRONG ON
 BLOW COMMENT #2 : THE INITIAL FLOW.
 BLOW COMMENT #3 : STRONG STEADY BLOW THROUGHOUT THE
 BLOW COMMENT #4 : FINAL FLOW.

RECOVERED	: 20	FT	OF: FREE OIL	0.21 Barrels
RECOVERED	: 60	FT	OF: SLT OIL CUT GSY MUD	0.64 Barrels
RECOVERED	: 0	FT	OF: 6%GAS;4%OIL;%5W;85%M	0.00 Barrels
RECOVERED	: 240	FT	OF: SLT OIL CUT MDY WTR	2.55 Barrels
RECOVERED	: 0	FT	OF: 5%GAS;2%OIL;3%M;90%W	0.00 Barrels
RECOVERED	: 0	FT	OF:	0.00 Barrels
RECOVERED	: 0	FT	OF:	0.00 Barrels
RECOVERED	: 0	FT	OF:	0.00 Barrels
RECOVERED	: 0	FT	OF:	0.00 Barrels
Total Barrels =	3.4		Total Production =	54.3 Bpd

REMARK 1 : CHLORIDES: 71000 PPM
 REMARK 2 :
 REMARK 3 : 65000 PPM (TESTER)
 REMARK 4 :

SET PACKER(S)	: 6:10 AM	TIME STARTED OFF BOTTOM	: 9:10 AM
WELL TEMPERATURE	: 103		
INITIAL HYDROSTATIC PRESSURE		(A)	1682
INITIAL FLOW PERIOD	MIN: 30	(B)	36 PSI TO (C) : 73
INITIAL CLOSED IN PERIOD	MIN: 30	(D)	621
FINAL FLOW PERIOD	MIN: 60	(E)	151 PSI TO (F) : 151
FINAL CLOSED IN PERIOD	MIN: 60	(G)	625
FINAL HYDROSTATIC PRESSURE		(H)	1670

Pressure Transient Report

DATA FILE.....

COMPANY.....RAINS & WILLIAMSON OIL CO INC

DATE OF TEST.....6-3-86

FIELD NAME.....STRECKER 'A'

WELL NAME.....#3

LOCATION.....RUSSELL-KANSAS

JOB NUMBER.....11041

GAUGE NUMBER.....13548

GAUGE DEPTH.....3200

COMMENTS

CHLORIDES: 71000 PPM

65000 PPM (TESTER)

START UP TIME	(mo/da/yr)	(hr:min:sec)
	6./3/86.	6.: 10.: 0.

COMPANY : RAINS & WILLIAMSON OIL CO INC FIELD : STRECKER 'A'
WELL : #3 JOB # : 11041
GAUGE # : 13548 DEPTH : 3200
MON/DAY : 6/ 3

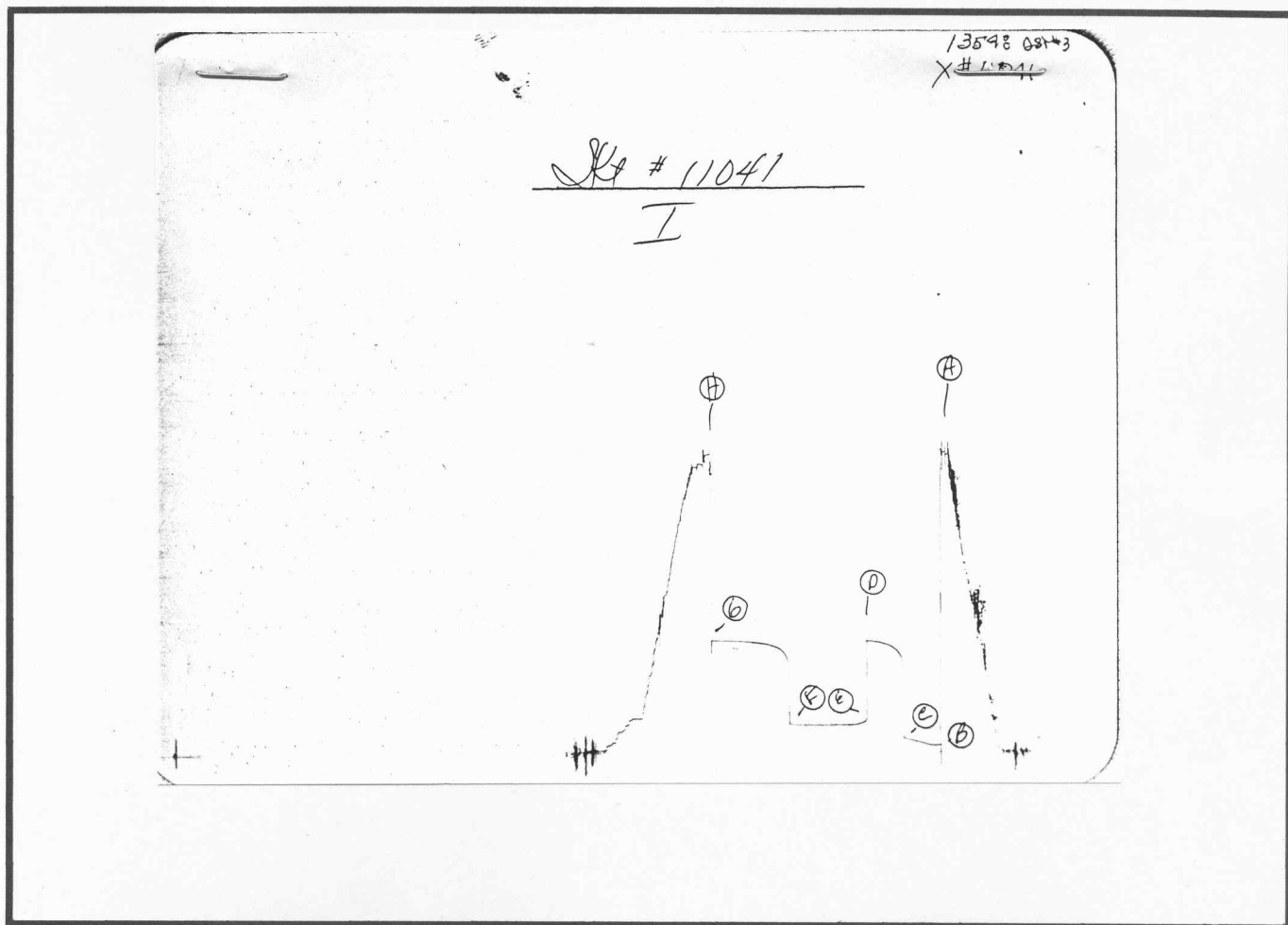
PAGE 1

REC#	REAL TIME HR:MIN:SEC	ELAPSE TIME MINS HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P (Po-Pi)	DP/DT Psi/hr
1	6:10: 0	0 0.000	36.00	103.0	0.00	20.08
2	6:15: 0	5 0.083	36.00	103.0	0.00	0.00
3	6:20: 0	10 0.167	40.00	103.0	4.00	48.05
4	6:25: 0	15 0.250	50.00	103.0	14.00	119.77
5	6:30: 0	20 0.333	60.00	103.0	24.00	120.12
6	6:35: 0	25 0.417	67.00	103.0	31.00	84.08
7	6:40: 0	30 0.500	73.00	103.0	37.00	71.86
8	6:43: 0	33 0.550	532.00	103.0	496.00	9216.00
9	6:46: 0	36 0.600	560.00	103.0	524.00	559.45
10	6:49: 0	39 0.650	581.00	103.0	545.00	419.59
11	6:52: 0	42 0.700	592.00	103.0	556.00	219.79
12	6:55: 0	45 0.750	601.00	103.0	565.00	179.82
13	6:58: 0	48 0.800	608.00	103.0	572.00	140.55
14	7: 1: 0	51 0.850	614.00	103.0	578.00	119.88
15	7: 4: 0	54 0.900	617.00	103.0	581.00	59.94
16	7: 7: 0	57 0.950	619.00	103.0	583.00	39.96
17	7:10: 0	60 1.000	621.00	103.0	585.00	39.96
18	7:11: 0	61 1.017	151.00	103.0	115.00	-28310.59
19	7:15: 0	65 1.083	151.00	103.0	115.00	0.00
20	7:20: 0	70 1.167	151.00	103.0	115.00	0.00
21	7:25: 0	75 1.250	151.00	103.0	115.00	0.00
22	7:30: 0	80 1.333	151.00	103.0	115.00	0.00
23	7:35: 0	85 1.417	151.00	103.0	115.00	0.00
24	7:40: 0	90 1.500	151.00	103.0	115.00	0.00
25	7:45: 0	95 1.583	151.00	103.0	115.00	0.00
26	7:50: 0	100 1.667	151.00	103.0	115.00	0.00
27	7:55: 0	105 1.750	151.00	103.0	115.00	0.00
28	8: 0: 0	110 1.833	151.00	103.0	115.00	0.00
29	8: 5: 0	115 1.917	151.00	103.0	115.00	0.00
30	8:10: 0	120 2.000	151.00	103.0	115.00	0.00
31	8:13: 0	123 2.050	520.00	103.0	484.00	7408.94
32	8:16: 0	126 2.100	557.00	103.0	521.00	739.28
33	8:19: 0	129 2.150	576.00	103.0	540.00	379.63
34	8:22: 0	132 2.200	588.00	103.0	552.00	239.77
35	8:25: 0	135 2.250	594.00	103.0	558.00	119.88
36	8:28: 0	138 2.300	601.00	103.0	565.00	140.55
37	8:31: 0	141 2.350	606.00	103.0	570.00	99.90
38	8:34: 0	144 2.400	610.00	103.0	574.00	79.92
39	8:37: 0	147 2.450	612.00	103.0	576.00	39.96
40	8:40: 0	150 2.500	614.00	103.0	578.00	39.96
41	8:43: 0	153 2.550	616.00	103.0	580.00	40.16
42	8:46: 0	156 2.600	618.00	103.0	582.00	39.96
43	8:49: 0	159 2.650	620.00	103.0	584.00	39.96
44	8:52: 0	162 2.700	621.00	103.0	585.00	19.98
45	8:55: 0	165 2.750	622.00	103.0	586.00	19.98
46	8:58: 0	168 2.800	623.00	103.0	587.00	20.08
47	9: 1: 0	171 2.850	624.00	103.0	588.00	19.98
48	9: 4: 0	174 2.900	625.00	103.0	589.00	19.98
49	9: 7: 0	177 2.950	625.00	103.0	589.00	0.00

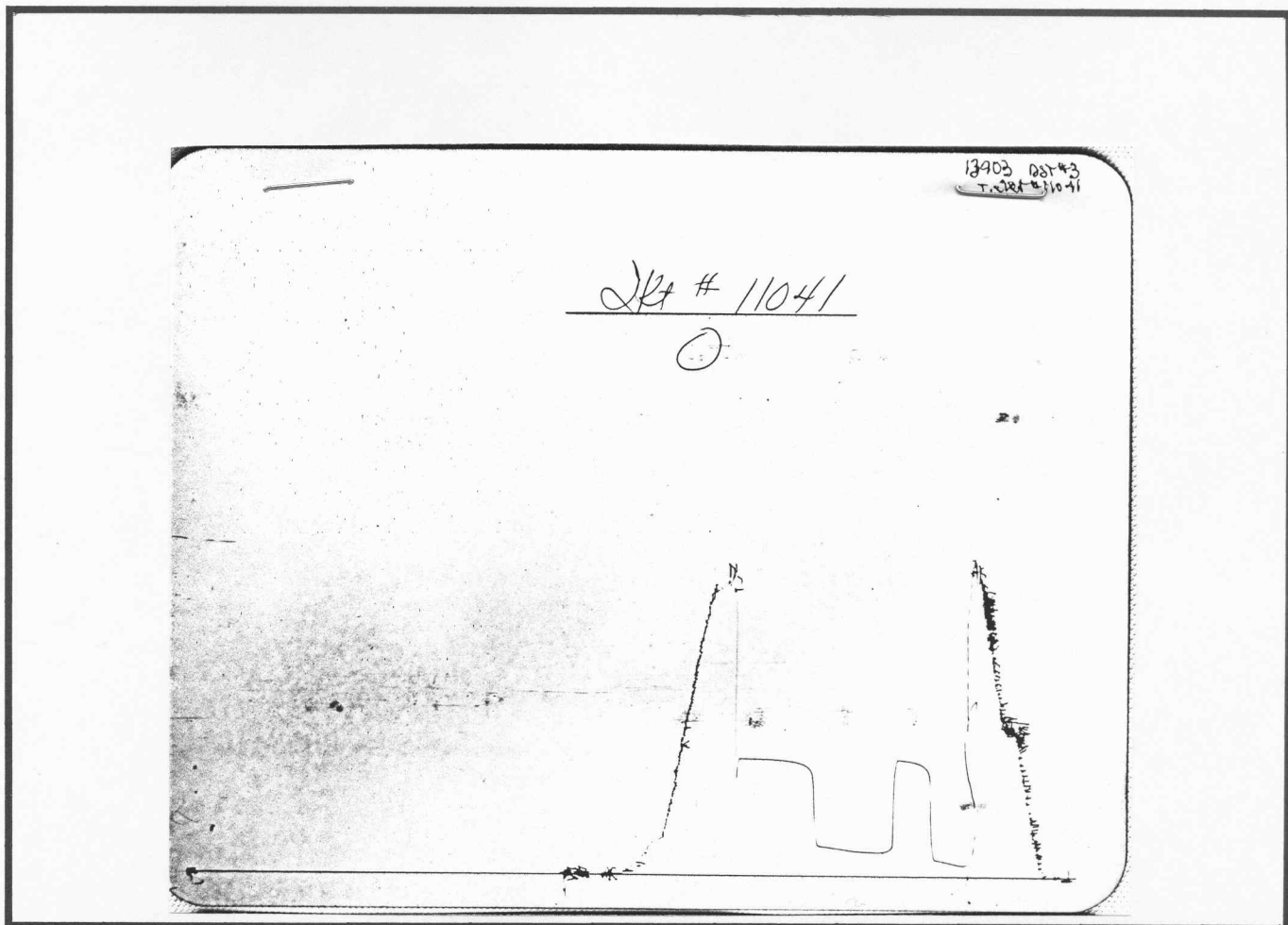
COMPANY : RAINS & WILLIAMSON OIL CO INC FIELD : STRECKER 'A'
WELL : #3 JOB # : 11041
GAUGE # : 13548 DEPTH : 3200
MON/DAY : 6/ 3

PAGE 2

REC#	REAL TIME HR:MIN:SEC	ELAPSE TIME MINS HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P (Po-Pi)	DP/DT Psi/hr
50	9:10: 0	180 3.000	625.00	103.0	589.00	0.00



Inside Recorder



Outside Recorder