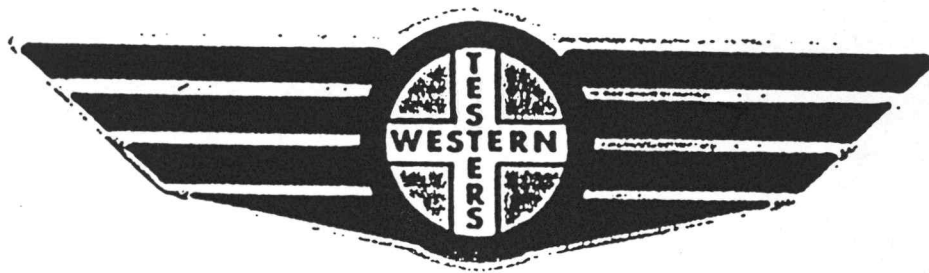


FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY SOURCE PETROLEUM LEASE & WELL NO. PORTER A-1 SEC. 20 TWP. 29S RGE. 3W TEST NO. 1 DATE 5/31/88

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	5-31-88	TICKET	:	13936
CUSTOMER	:	SOURCE PETROLEUM	LEASE	:	PORTER
WELL	:	#A-1	TEST:	:	1
ELEVATION	:	-	GEOLOGIST	:	S. DAVIS
SECTION	:	20	FORMATION	:	-
RANGE	:	3W	TOWNSHIP	:	29S
GAUGE SN#	:	13552	STATE	:	KANSAS
		COUNTY:	RANGE	:	4050
			CLOCK	:	12

INTERVAL FROM	:	3200	TO	:	3215	TOTAL DEPTH	:	3215
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	3195	SIZE	:	6.63			
PACKER DEPTH	:	3200	SIZE	:	6.63			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	ALLEN RIG 2			
MUD TYPE	:	CHEMICAL	VISCOSITY	:	42
WEIGHT	:	9.2	WATER LOSS (CC)	:	10.4
CHLORIDES (PPM)	:	6000			
JARS-MAKE	:	-	SERIAL NUMBER	:	
DID WELL FLOW ?	:	NO	REVERSED OUT ?	:	NO

DRILL COLLAR LENGTH	:	0	FT	I.D. inch	:	0.00
WEIGHT PIPE LENGTH	:	0	FT	I.D. inch	:	0.00
DRILL PIPE LENGTH	:	3179	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	21	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	15	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 FH

BLOW COMMENT #1 : STRONG BLOW THROUGHOUT BOTH FLOW PERIODS.
BLOW COMMENT #2 :
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 480 FT OF: SALT WATER

CHLORIDES: 120000 PPM

Total Barrels Fluid = 6.73
Total Fluid Prod Rate = 161.58 BFPD
Indicated Wtr Rate = 161.58 BWPD

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

SET PACKER(S) : 9:20 PM

TIME STARTED OFF BOTTOM : 12:20 AM

WELL TEMPERATURE : 117

INITIAL HYDROSTATIC PRESSURE

INITIAL FLOW PERIOD MIN: 30

INITIAL CLOSED IN PERIOD MIN: 60

FINAL FLOW PERIOD MIN: 30

FINAL CLOSED IN PERIOD MIN: 60

FINAL HYDROSTATIC PRESSURE

(A) 1627

(B) 132 PSI TO (C) : 176

(D) 1089

(E) 245 PSI TO (F) : 278

(G) 1037

(H) 1620

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : SOURCE PETROLEUM
RIG : SEDGWICK-KANSAS
FIELD : PORTER
WELL : #A-1
DATE : 5-31-88
GAUGE NO : 13552

OPERATIONAL COMMENTS

COMPANY : SOURCE PETROLEUM
WELL : #A-1
GAUGE # : 13552
DATE : 31/ 5/88

FIELD : PORTER
JOB # : 13936
DEPTH : 3215
TEST :

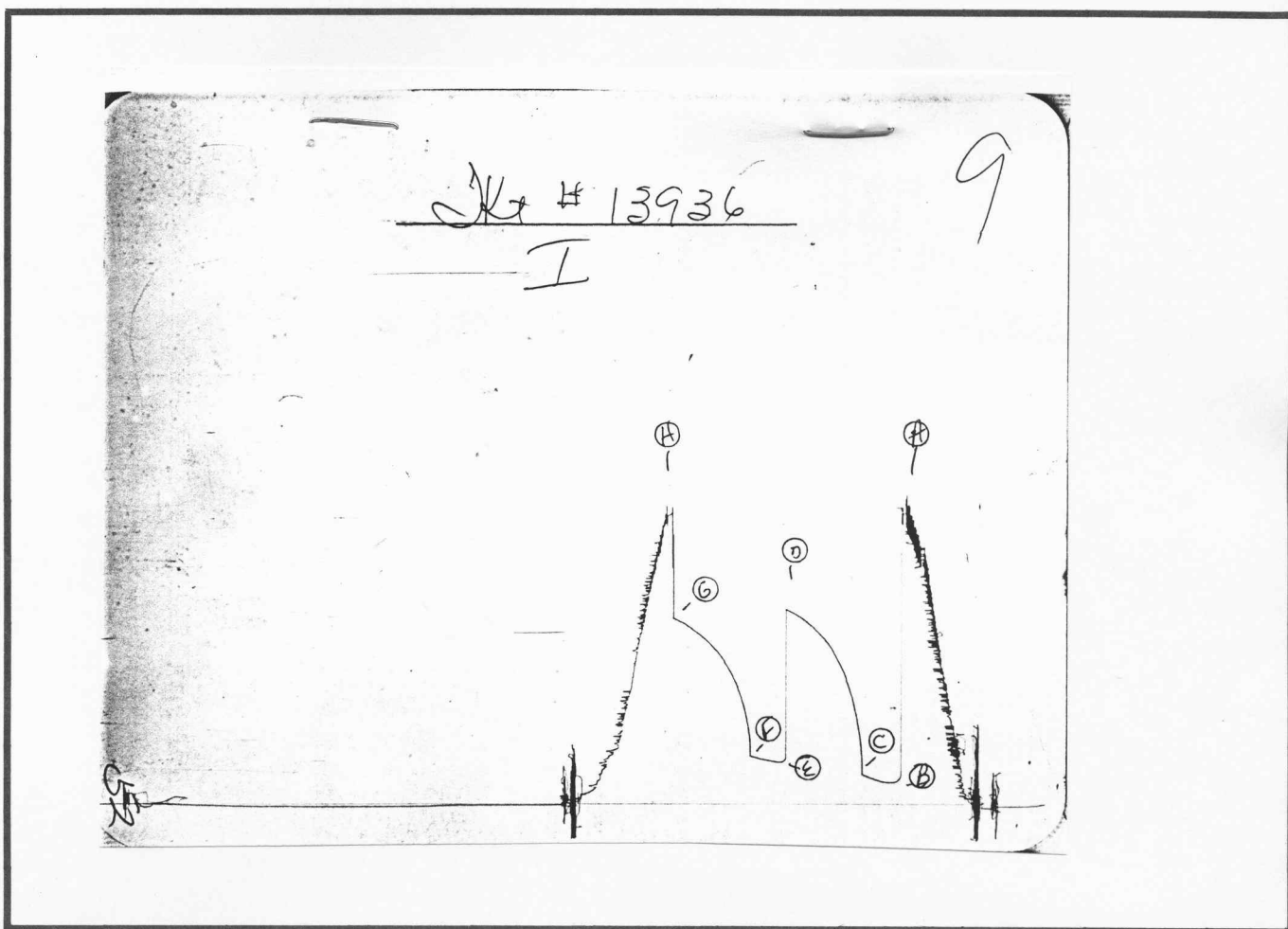
DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	9:20: 0	0.000	132.000	117.00	0.000
2	9:24:59	0.083	132.000	117.00	0.000
3	9:30: 0	0.167	132.000	117.00	0.000
4	9:35: 0	0.250	135.000	117.00	3.000
5	9:39:59	0.333	146.000	117.00	11.000
6	9:45: 0	0.417	161.000	117.00	15.000
7	9:50: 0	0.500	176.000	117.00	15.000
8	9:53: 0	0.550	411.000	117.00	235.000
9	9:56: 0	0.600	529.000	117.00	118.000
10	9:59: 0	0.650	615.000	117.00	86.000
11	10: 2: 0	0.700	679.000	117.00	64.000
12	10: 5: 0	0.750	738.000	117.00	59.000
13	10: 8: 0	0.800	786.000	117.00	48.000
14	10:11: 0	0.850	823.000	117.00	37.000
15	10:14: 0	0.900	865.000	117.00	42.000
16	10:17: 0	0.950	898.000	117.00	33.000
17	10:20: 0	1.000	923.000	117.00	25.000
18	10:23: 0	1.050	945.000	117.00	22.000
19	10:26: 0	1.100	968.000	117.00	23.000
20	10:29: 0	1.150	992.000	117.00	24.000
21	10:32: 0	1.200	1008.000	117.00	16.000
22	10:35: 0	1.250	1030.000	117.00	22.000
23	10:38: 0	1.300	1044.000	117.00	14.000
24	10:41: 0	1.350	1058.000	117.00	14.000
25	10:44: 0	1.400	1069.000	117.00	11.000
26	10:47: 0	1.450	1079.000	117.00	10.000
27	10:50: 0	1.500	1089.000	117.00	10.000
28	10:51: 0	1.517	245.000	117.00	-844.000
29	10:54:59	1.583	245.000	117.00	0.000
30	11: 0: 0	1.667	248.000	117.00	3.000
31	11: 5: 0	1.750	256.000	117.00	8.000
32	11: 9:59	1.833	263.000	117.00	7.000
33	11:15: 0	1.917	274.000	117.00	11.000
34	11:20: 0	2.000	278.000	117.00	4.000
35	11:23: 0	2.050	476.000	117.00	198.000
36	11:26: 0	2.100	566.000	117.00	90.000
37	11:29: 0	2.150	626.000	117.00	60.000
38	11:32: 0	2.200	682.000	117.00	56.000
39	11:35: 0	2.250	728.000	117.00	46.000
40	11:38: 0	2.300	769.000	117.00	41.000
41	11:41: 0	2.350	806.000	117.00	37.000
42	11:44: 0	2.400	831.000	117.00	25.000
43	11:47: 0	2.450	859.000	117.00	28.000
44	11:50: 0	2.500	883.000	117.00	24.000
45	11:53: 0	2.550	905.000	117.00	22.000
46	11:56: 0	2.600	924.000	117.00	19.000
47	11:59: 0	2.650	944.000	117.00	20.000
48	12: 2: 0	2.700	960.000	117.00	16.000
49	12: 5: 0	2.750	975.000	117.00	15.000
50	12: 8: 0	2.800	992.000	117.00	17.000
51	12:11: 0	2.850	1006.000	117.00	14.000
52	12:14: 0	2.900	1018.000	117.00	12.000

COMPANY : SOURCE PETROLEUM
WELL : #A-1
GAUGE # : 13552
DATE : 31/ 5/88

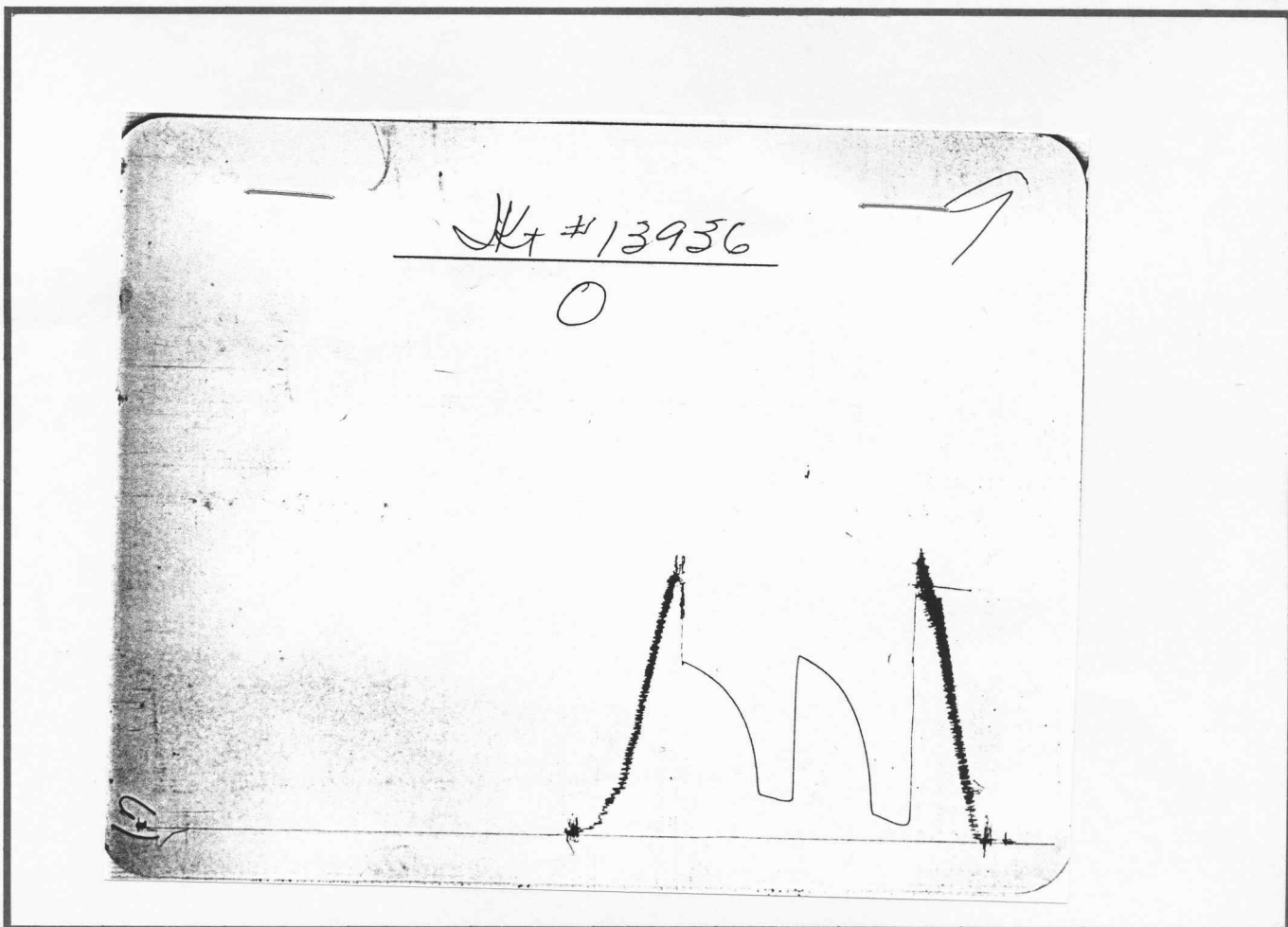
FIELD : PORTER
JOB # : 13936
DEPTH : 3215
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	12:17: 0	2.950	1028.000	117.00	10.000
54	12:20: 0	3.000	1037.000	117.00	9.000

WESTERN TESTING CO. INC.

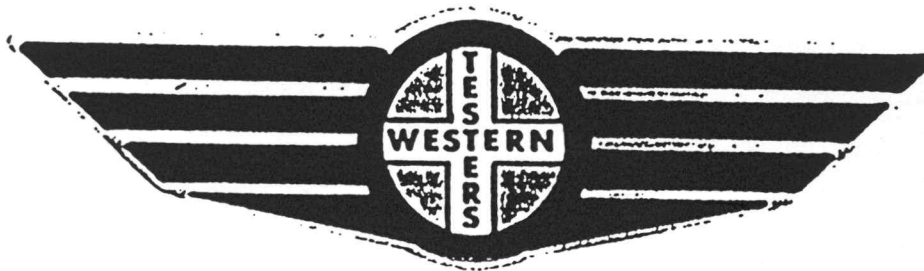


Inside Recorder



Outside Recorder

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY SOURCE PETROLEUM

LEASE & WELL NO.

PORTER A-1

SEC. 20

TWP.

29S

RGE.

3W

TEST NO.

2

DATE

6/4/88

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	6-4-88	TICKET	:	13973
CUSTOMER	:	SOURCE PETROLEUM	LEASE	:	PORTER
WELL	:	#A-1	TEST:	:	2
ELEVATION	:	1336 KB	GEOLOGIST	:	S. DAVIS
SECTION	:	20	FORMATION	:	SIMPSON
RANGE	:	3W	TOWNSHIP	:	29S
GAUGE SN#	:	4332	STATE	:	KANSAS
		COUNTY :	CLOCK	:	12
		RANGE :			
		4200			

INTERVAL FROM	:	4258	TO	:	4285	TOTAL DEPTH	:	4285
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	4253	SIZE	:	6.63			
PACKER DEPTH	:	4258	SIZE	:	6.63			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	ALLEN RIG 2			
MUD TYPE	:	CHEMICAL	VISCOSITY	:	46
WEIGHT	:	9.4	WATER LOSS (CC)	:	11.2
CHLORIDES (PPM)	:	6500			
JARS-MAKE	:	NO	SERIAL NUMBER	:	
DID WELL FLOW ?	:	NO	REVERSED OUT ?	:	NO

DRILL COLLAR LENGTH	:	0	FT	I.D. inch	:	0.00
WEIGHT PIPE LENGTH	:	0	FT	I.D. inch	:	0.00
DRILL PIPE LENGTH	:	4238	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	20	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	27	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 FH

BLOW COMMENT #1 : INITIAL FLOW-LIGHT BLOW BUILDING TO A FAIR 6" BLOW.
BLOW COMMENT #2 : FINAL FLOW-FAIR BLOW.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 62 FT OF: MUD
RECOVERED : 125 FT OF: MUDDY WATER
60% WTR-40% MUD
CHLORIDES: 74000 PPM

Total Barrels Fluid = 2.62
Total Fluid Prod Rate = 50.36 BFPD
Indicated Wtr Rate = 23.16 BWPD

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

SET PACKER(S) : 8:15 PM
WELL TEMPERATURE : 135

TIME STARTED OFF BOTTOM : 11:30 PM

INITIAL HYDROSTATIC PRESSURE	(A)	2177	
INITIAL FLOW PERIOD MIN: 30	(B)	53	PSI TO (C) : 63
INITIAL CLOSED IN PERIOD MIN: 60	(D)	1603	
FINAL FLOW PERIOD MIN: 45	(E)	97	PSI TO (F) : 112
FINAL CLOSED IN PERIOD MIN: 63	(G)	1604	
FINAL HYDROSTATIC PRESSURE	(H)	2177	

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : SOURCE PETROLEUM
RIG : SEDGWICK-KANSAS
FIELD : PORTER
WELL : #A-1
DATE : 6-4-88
GAUGE NO : 4332

OPERATIONAL COMMENTS

COMPANY : SOURCE PETROLEUM
WELL : #A-1
GAUGE # : 4332
DATE : 4/ 6/88

FIELD : PORTER
JOB # : 13973
DEPTH : 4285
TEST :

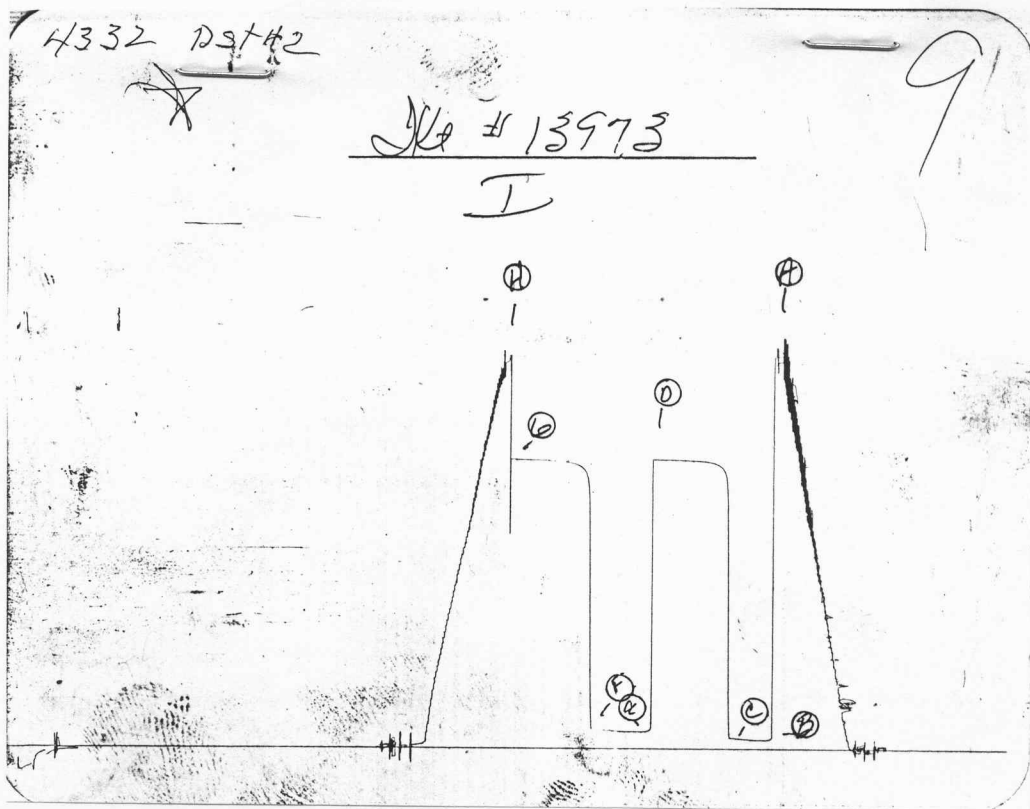
DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	8:15: 0	0.000	53.000	135.00	0.000
2	8:19:59	0.083	53.000	135.00	0.000
3	8:25: 0	0.167	53.000	135.00	0.000
4	8:30: 0	0.250	53.000	135.00	0.000
5	8:34:59	0.333	55.000	135.00	2.000
6	8:40: 0	0.417	60.000	135.00	5.000
7	8:45: 0	0.500	63.000	135.00	3.000
8	8:48: 0	0.550	828.000	135.00	765.000
9	8:51: 0	0.600	1528.000	135.00	700.000
10	8:54: 0	0.650	1565.000	135.00	37.000
11	8:57: 0	0.700	1578.000	135.00	13.000
12	9: 0: 0	0.750	1586.000	135.00	8.000
13	9: 3: 0	0.800	1591.000	135.00	5.000
14	9: 6: 0	0.850	1594.000	135.00	3.000
15	9: 9: 0	0.900	1596.000	135.00	2.000
16	9:12: 0	0.950	1598.000	135.00	2.000
17	9:15: 0	1.000	1599.000	135.00	1.000
18	9:18: 0	1.050	1600.000	135.00	1.000
19	9:21: 0	1.100	1601.000	135.00	1.000
20	9:24: 0	1.150	1602.000	135.00	1.000
21	9:27: 0	1.200	1603.000	135.00	1.000
22	9:30: 0	1.250	1603.000	135.00	0.000
23	9:33: 0	1.300	1603.000	135.00	0.000
24	9:36: 0	1.350	1603.000	135.00	0.000
25	9:39: 0	1.400	1603.000	135.00	0.000
26	9:42: 0	1.450	1603.000	135.00	0.000
27	9:45: 0	1.500	1603.000	135.00	0.000
28	9:46: 0	1.517	97.000	135.00	-1506.000
29	9:49:59	1.583	97.000	135.00	0.000
30	9:55: 0	1.667	97.000	135.00	0.000
31	10: 0: 0	1.750	97.000	135.00	0.000
32	10: 4:59	1.833	97.000	135.00	0.000
33	10:10: 0	1.917	98.000	135.00	1.000
34	10:15: 0	2.000	103.000	135.00	5.000
35	10:19:59	2.083	107.000	135.00	4.000
36	10:25: 0	2.167	109.000	135.00	2.000
37	10:30: 0	2.250	112.000	135.00	3.000
38	10:33: 0	2.300	1131.000	135.00	1019.000
39	10:36: 0	2.350	1520.000	135.00	389.000
40	10:39: 0	2.400	1557.000	135.00	37.000
41	10:42: 0	2.450	1571.000	135.00	14.000
42	10:45: 0	2.500	1580.000	135.00	9.000
43	10:48: 0	2.550	1587.000	135.00	7.000
44	10:51: 0	2.600	1590.000	135.00	3.000
45	10:54: 0	2.650	1591.000	135.00	1.000
46	10:57: 0	2.700	1593.000	135.00	2.000
47	11: 0: 0	2.750	1595.000	135.00	2.000
48	11: 3: 0	2.800	1597.000	135.00	2.000
49	11: 6: 0	2.850	1598.000	135.00	1.000
50	11: 9: 0	2.900	1599.000	135.00	1.000
51	11:12: 0	2.950	1600.000	135.00	1.000
52	11:15: 0	3.000	1601.000	135.00	1.000

COMPANY : SOURCE PETROLEUM
WELL : #A-1
GAUGE # : 4332
DATE : 4/ 6/88

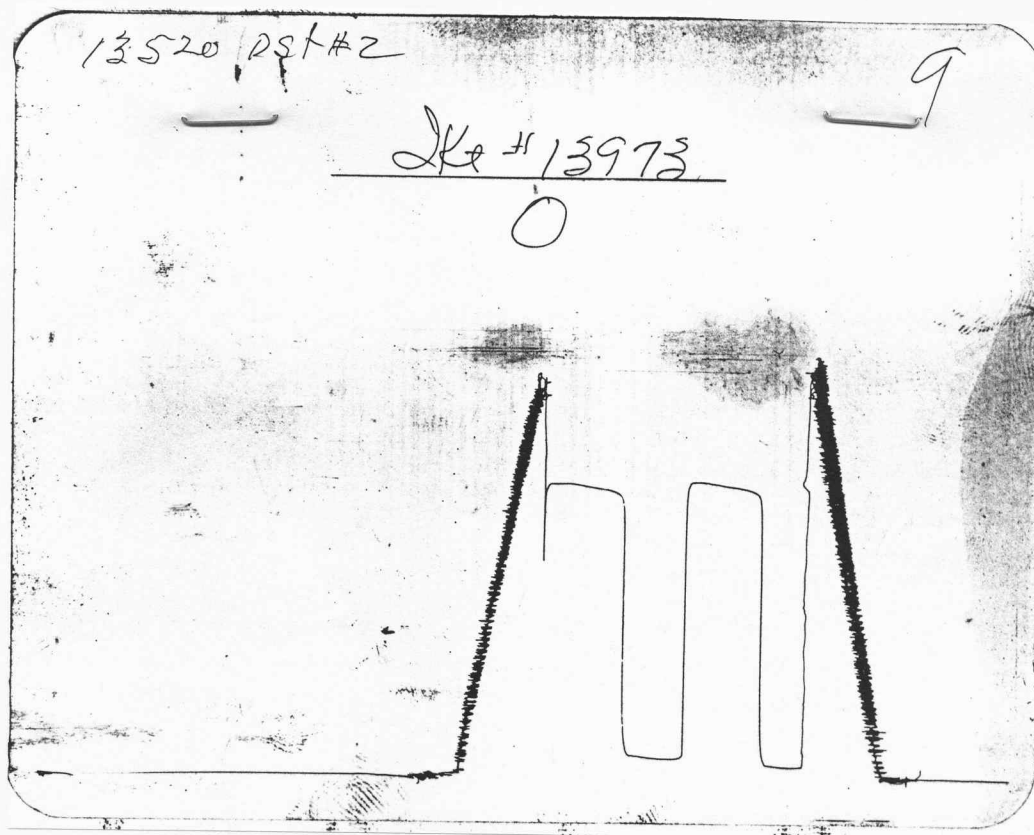
FIELD : PORTER
JOB # : 13973
DEPTH : 4285
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	11:18: 0	3.050	1602.000	135.00	1.000
54	11:21: 0	3.100	1603.000	135.00	1.000
55	11:24: 0	3.150	1604.000	135.00	1.000
56	11:27: 0	3.200	1604.000	135.00	0.000
57	11:30: 0	3.250	1604.000	135.00	0.000
58	11:33: 0	3.300	1604.000	135.00	0.000

WESTERN TESTING CO. INC.



Inside Recorder



Outside Recorder