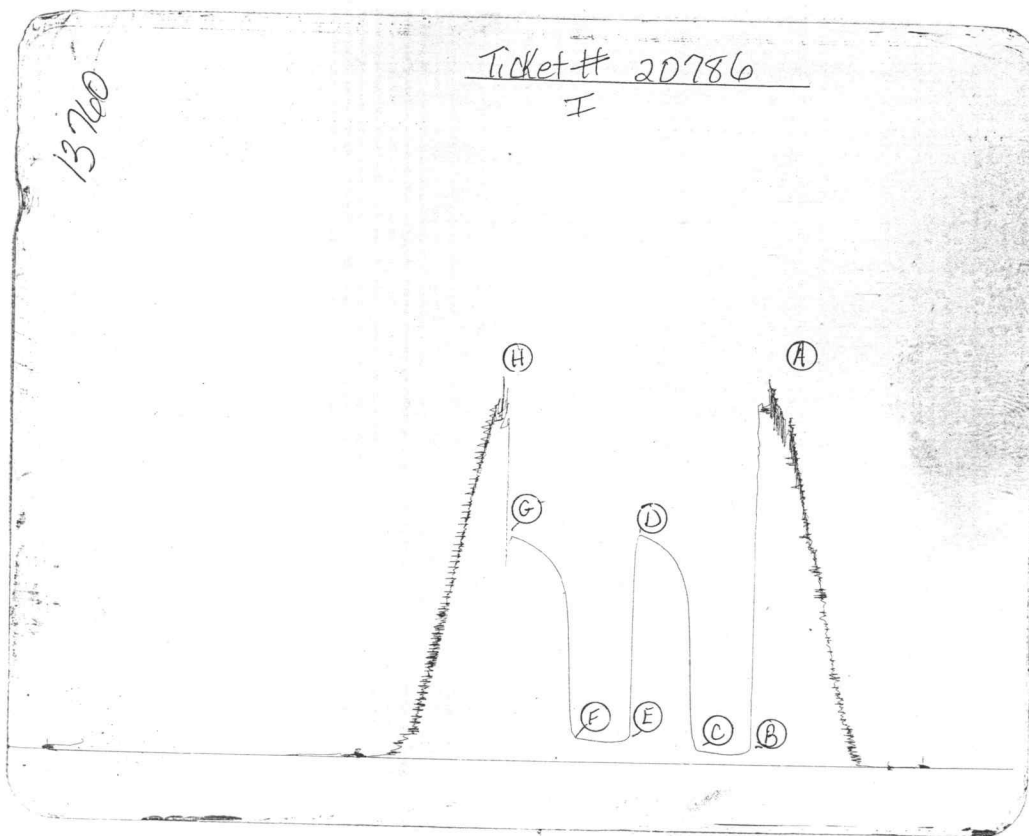
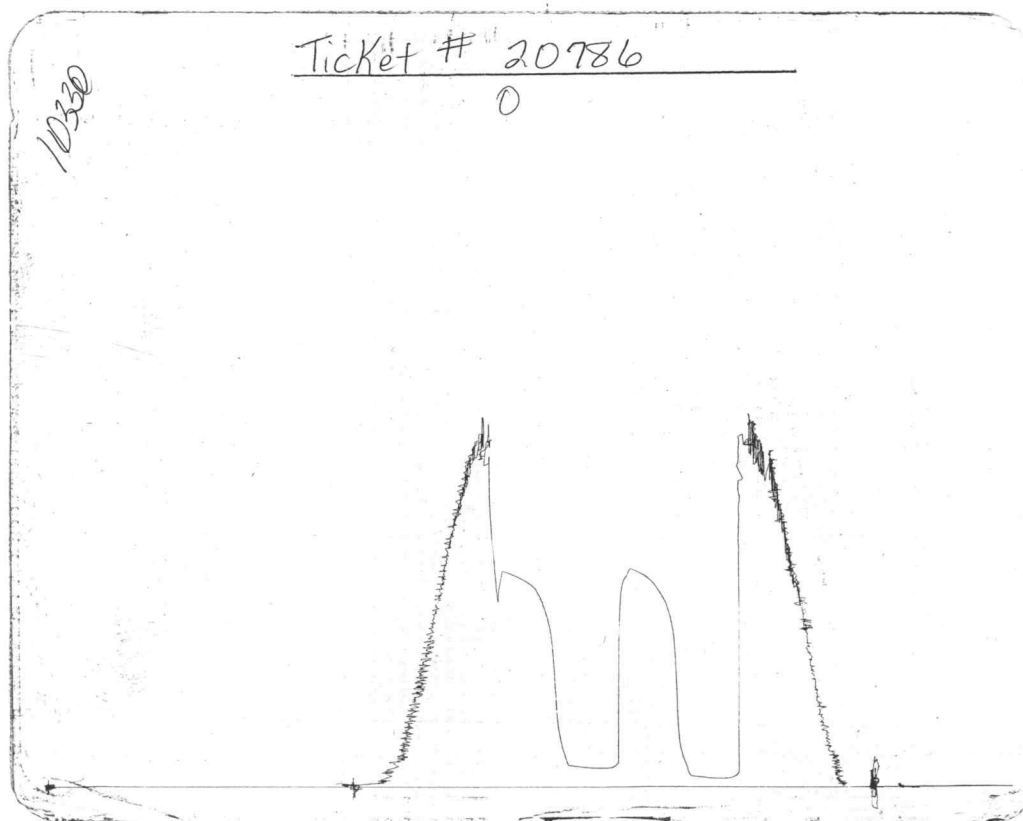




Inside Recorder



Outside Recorder

DST REPORT

GENERAL INFORMATION

DATE	: 6-10-95	TICKET	: 20786
CUSTOMER	: THUNDERBIRD DRLG COMPANY	LEASE	: WAHRMAN "B"
WELL	: #2	TEST: 1	GEOLOGIST: AIKINS
ELEVATION	: 2810 GR	FORMATION	: OREAD
SECTION	: 25	TOWNSHIP	: 1S
RANGE	: 32W	COUNTY: RAWLINS	STATE : KS
GAUGE SN#	: 13760	RANGE : 3950	CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM:	3700.00 ft	TO:	3750.00 ft	TVD:	3750.0 ft
DEPTH OF SELECTIVE ZONE:	TEST TYPE: OIL				
DEPTH OF RECORDERS:	3703.0 ft	3706.0 ft			
TEMPERATURE:	112.0				
DRILL COLLAR LENGTH:	0.0 ft	I.D.:	0.000 in		
WEIGHT PIPE LENGTH :	504.0 ft	I.D.:	3.200 in		
DRILL PIPE LENGTH :	3176.0 ft	I.D.:	3.800 in		
TEST TOOL LENGTH :	20.0 ft	TOOL SIZE :	5.500 in		
ANCHOR LENGTH :	50.0 ft	ANCHOR SIZE:	5.500 in		
SURFACE CHOKE SIZE :	0.750 in	BOTTOM CHOKE SIZE:	0.750 in		
MAIN HOLE SIZE :	7.875 in	TOOL JOINT SIZE :	4.5XH		
PACKER DEPTH:	3695.0 ft	SIZE:	6.630 in		
PACKER DEPTH:	3700.0 ft	SIZE:	6.630 in		
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in		
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in		

MUD INFORMATION

DRILLING CON. :	ABERCROMBIE #8	VISCOSITY :	45.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	8.800 cc
WEIGHT :	8.800 ppg	SERIAL NUMBER:	
CHLORIDES :	1500 ppm	REVERSED OUT?:	NO
JARS-MAKE :			
DID WELL FLOW?:	NO		

COMMENTS

Comment

INITIAL FLOW PERIOD-OPENED TO WEAK BLOW-INCREASED
TO 4 INCHES IN WATER. FINAL FLOW PERIOD-OPENED
TO WEAK BLOW-INCREASED TO 2 INCHES IN WATER.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
5.0	95.0	0.0	5.0	0.0	WATER CUT OIL
186.0	0.0	0.0	100.0	0.0	WATER WITH FEW OIL SPOTS
0.0	0.0	0.0	0.0	0.0	OIL LESS THAN 1%
0.0	0.0	0.0	0.0	0.0	CHLORIDES 58,000 PPM

RATE INFORMATION

OIL VOLUME:	0.0472	STB		
GAS VOLUME:	0.0000	SCF		
MUD VOLUME:	0.0000	STB		
WATER VOLUME:	1.8526	STB		
TOTAL FLUID :	1.8998	STB		
			TOTAL FLOW TIME:	80.0000 min.
			AVERAGE OIL RATE:	0.8504 STB/D
			AVERAGE WATER RATE:	33.3462 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1800.00

Description	Duration	p1	p End
INITIAL FLOW	45.00	48.00	68.00
INITIAL SHUT-IN	45.00		1151.00
FINAL FLOW	45.00	97.00	117.00
FINAL SHUT-IN	45.00		1122.00

FINAL HYDROSTATIC PRESSURE: 1780.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1822.00

Description	Duration	p1	p End
INITIAL FLOW	40.00	67.00	72.00
INITIAL SHUT-IN	48.00		1152.00
FINAL FLOW	40.00	120.00	122.00
FINAL SHUT-IN	51.00		1131.00

FINAL HYDROSTATIC PRESSURE: 1786.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 6-10-95	TICKET : 20786
CUSTOMER : THUNDERBIRD DRLG COMPANY	LEASE : WAHRMAN "B"
WELL : #2	GEOLOGIST: AIKINS
ELEVATION: 2810 GR	FORMATION: OREAD
SECTION : 25	TOWNSHIP : 1S
RANGE : 32W	STATE : KS
GAUGE SN#: 13760	CLOCK : 12
COUNTY: RAWLINS	
RANGE : 3950	

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	67.00	67.00
5.00	62.00	-5.00
10.00	53.00	-9.00
15.00	53.00	0.00
20.00	53.00	0.00
25.00	59.00	6.00
30.00	63.00	4.00
35.00	67.00	4.00
40.00	72.00	5.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	128.00	128.00	14.33
6.00	265.00	137.00	7.67
9.00	644.00	379.00	5.44
12.00	844.00	200.00	4.33
15.00	939.00	95.00	3.67
18.00	984.00	45.00	3.22
21.00	1025.00	41.00	2.90
24.00	1053.00	28.00	2.67
27.00	1073.00	20.00	2.48
30.00	1090.00	17.00	2.33
33.00	1106.00	16.00	2.21
36.00	1111.00	5.00	2.11
39.00	1128.00	17.00	2.03
42.00	1138.00	10.00	1.95
45.00	1149.00	11.00	1.89
48.00	1152.00	3.00	1.83

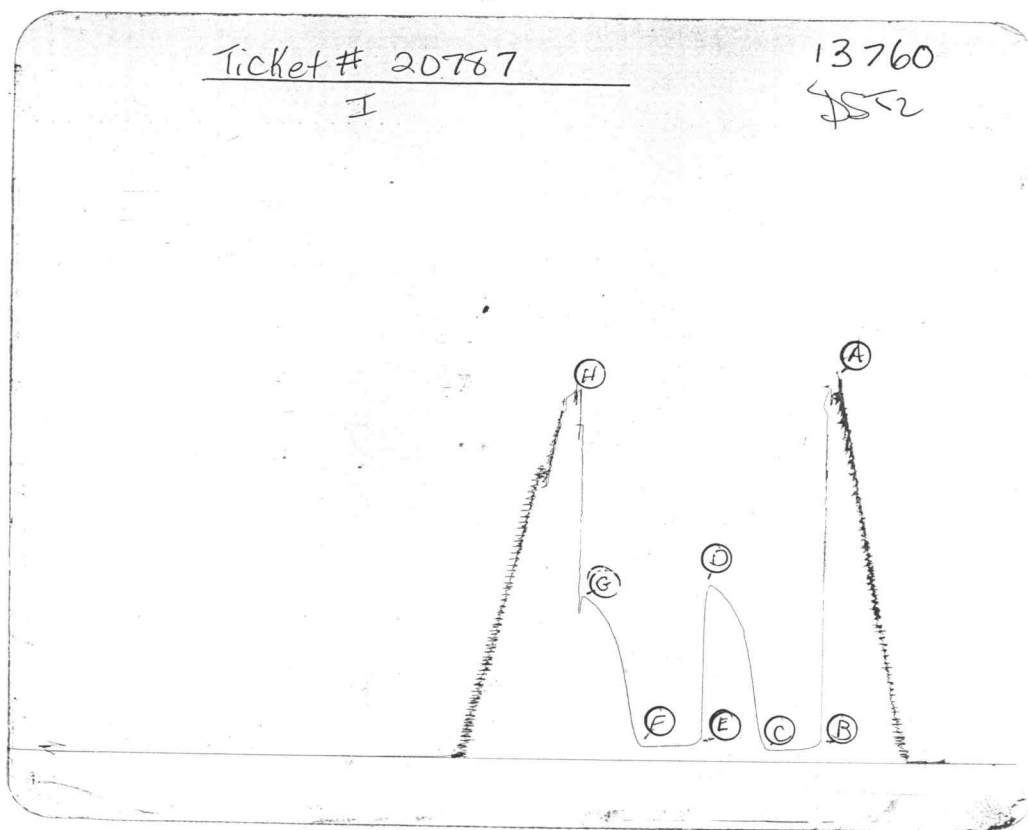
PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

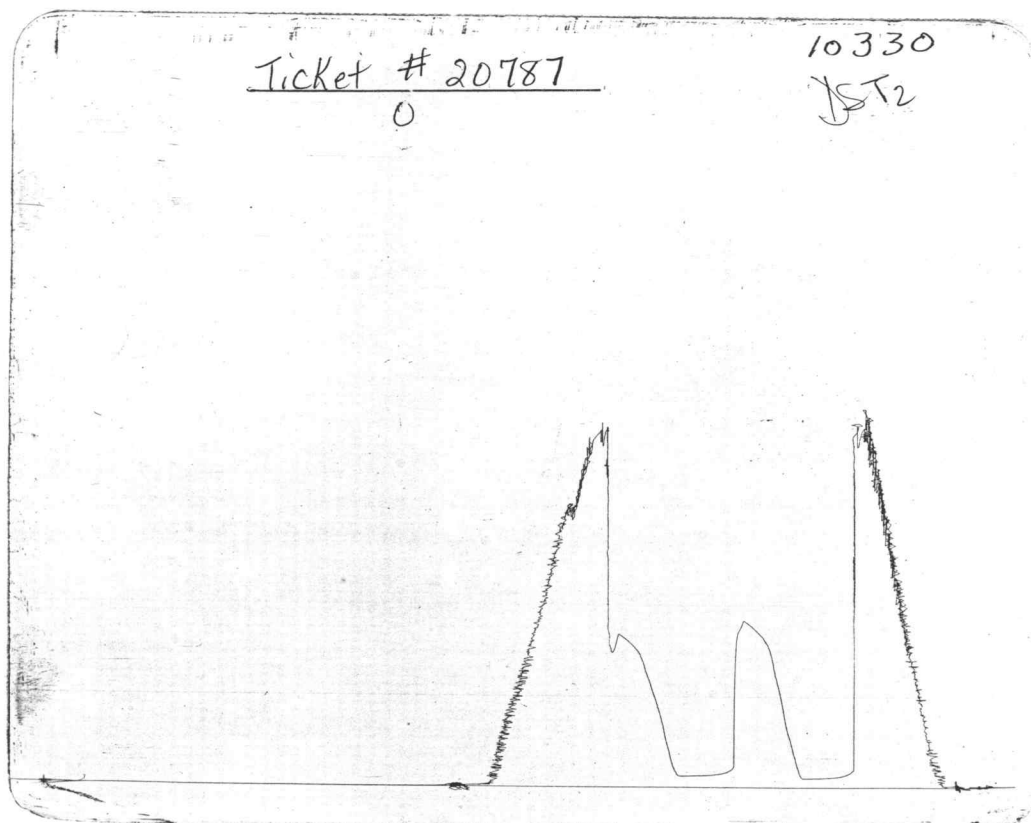
Time (min)	Pressure	Delta P
0.00	120.00	120.00
5.00	108.00	-12.00
10.00	106.00	-2.00
15.00	106.00	0.00
20.00	106.00	0.00
25.00	109.00	3.00
30.00	113.00	4.00
35.00	118.00	5.00
40.00	122.00	4.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	147.00	147.00	14.33
6.00	354.00	207.00	7.67
9.00	697.00	343.00	5.44
12.00	889.00	192.00	4.33
15.00	944.00	55.00	3.67
18.00	977.00	33.00	3.22
21.00	1005.00	28.00	2.90
24.00	1028.00	23.00	2.67
27.00	1047.00	19.00	2.48
30.00	1062.00	15.00	2.33
33.00	1076.00	14.00	2.21
36.00	1084.00	8.00	2.11
39.00	1101.00	17.00	2.03
42.00	1112.00	11.00	1.95
45.00	1118.00	6.00	1.89
48.00	1126.00	8.00	1.83
51.00	1131.00	5.00	1.78



Inside Recorder



Outside Recorder

DST REPORT

GENERAL INFORMATION

DATE	: 6-10-95	TICKET	: 20787
CUSTOMER	: THUNDERBIRD DRLG COMPANY	LEASE	: WAHRMAN "B"
WELL	: #2	TEST: 2	GEOLOGIST: AIKINS
ELEVATION	: 2810 GR	FORMATION	: L KANSAS CITY "D"
SECTION	: 25	TOWNSHIP	: 1S
RANGE	: 32W	COUNTY: RAWLINS	STATE : KS
GAUGE SN#	: 13760	RANGE : 3950	CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM:	3784.00 ft	TO:	3840.00 ft	TVD:	3840.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	OIL
DEPTH OF RECORDERS:	3787.0 ft		3790.0 ft		
TEMPERATURE:	112.0				
DRILL COLLAR LENGTH:	0.0 ft	I.D.:		0.000 in	
WEIGHT PIPE LENGTH :	504.0 ft	I.D.:		3.200 in	
DRILL PIPE LENGTH :	3260.0 ft	I.D.:		3.800 in	
TEST TOOL LENGTH :	20.0 ft	TOOL SIZE :		5.500 in	
ANCHOR LENGTH :	56.0 ft	ANCHOR SIZE:		5.500 in	
SURFACE CHOKE SIZE :	0.750 in	BOTTOM CHOKE SIZE:		0.750 in	
MAIN HOLE SIZE :	7.875 in	TOOL JOINT SIZE :		4.5XH	
PACKER DEPTH:	3779.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	3784.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	0.0 ft	SIZE:		0.000 in	
PACKER DEPTH:	0.0 ft	SIZE:		0.000 in	

MUD INFORMATION

DRILLING CON. :	ABERCROMBIE #8	VISCOSITY :	45.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	8.800 cc
WEIGHT :	9.000 ppg	SERIAL NUMBER:	
CHLORIDES :	2000 ppm	REVERSED OUT?:	NO
JARS-MAKE :			
DID WELL FLOW?:	NO		

COMMENTS

Comment

INITIAL FLOW PERIOD-WEAK STEADY (1 INCH BLOW).
FINAL FLOW PERIOD-WEAK STEADY (1/2 INCH BLOW).

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
2.0	100.0	0.0	0.0	0.0	OIL
65.0	18.0	0.0	0.0	82.0	OIL CUT MUD

RATE INFORMATION

OIL VOLUME:	0.1363	STB		
GAS VOLUME:	0.0000	SCF	TOTAL FLOW TIME:	85.0000 min.
MUD VOLUME:	0.5302	STB	AVERAGE OIL RATE:	11.2901 STB/D
WATER VOLUME:	0.0000	STB	AVERAGE WATER RATE:	0.0000 STB/D
TOTAL FLUID :	0.6664	STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1858.00

Description	Duration	p1	p End
INITIAL FLOW	45.00	48.00	48.00
INITIAL SHUT-IN	45.00		877.00
FINAL FLOW	45.00	68.00	68.00
FINAL SHUT-IN	45.00		809.00

FINAL HYDROSTATIC PRESSURE: 1760.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1856.00

Description	Duration	p1	p End
INITIAL FLOW	40.00	97.00	67.00
INITIAL SHUT-IN	45.00		891.00
FINAL FLOW	45.00	105.00	76.00
FINAL SHUT-IN	45.00		828.00

FINAL HYDROSTATIC PRESSURE: 1787.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 6-10-95	TICKET : 20787
CUSTOMER : THUNDERBIRD DRLG COMPANY	LEASE : WAHRMAN "B"
WELL : #2	GEOLOGIST: AIKINS
ELEVATION: 2810 GR	FORMATION: L KANSAS CITY "D"
SECTION : 25	TOWNSHIP : 1S
RANGE : 32W	STATE : KS
GAUGE SN#: 13760	CLOCK : 12
COUNTY: RAWLINS	
RANGE : 3950	

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	97.00	97.00
5.00	84.00	-13.00
10.00	72.00	-12.00
15.00	69.00	-3.00
20.00	67.00	-2.00
25.00	67.00	0.00
30.00	67.00	0.00
35.00	67.00	0.00
40.00	67.00	0.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	118.00	118.00	14.33
6.00	195.00	77.00	7.67
9.00	308.00	113.00	5.44
12.00	431.00	123.00	4.33
15.00	540.00	109.00	3.67
18.00	622.00	82.00	3.22
21.00	692.00	70.00	2.90
24.00	735.00	43.00	2.67
27.00	770.00	35.00	2.48
30.00	805.00	35.00	2.33
33.00	826.00	21.00	2.21
36.00	850.00	24.00	2.11
39.00	868.00	18.00	2.03
42.00	881.00	13.00	1.95
45.00	891.00	10.00	1.89

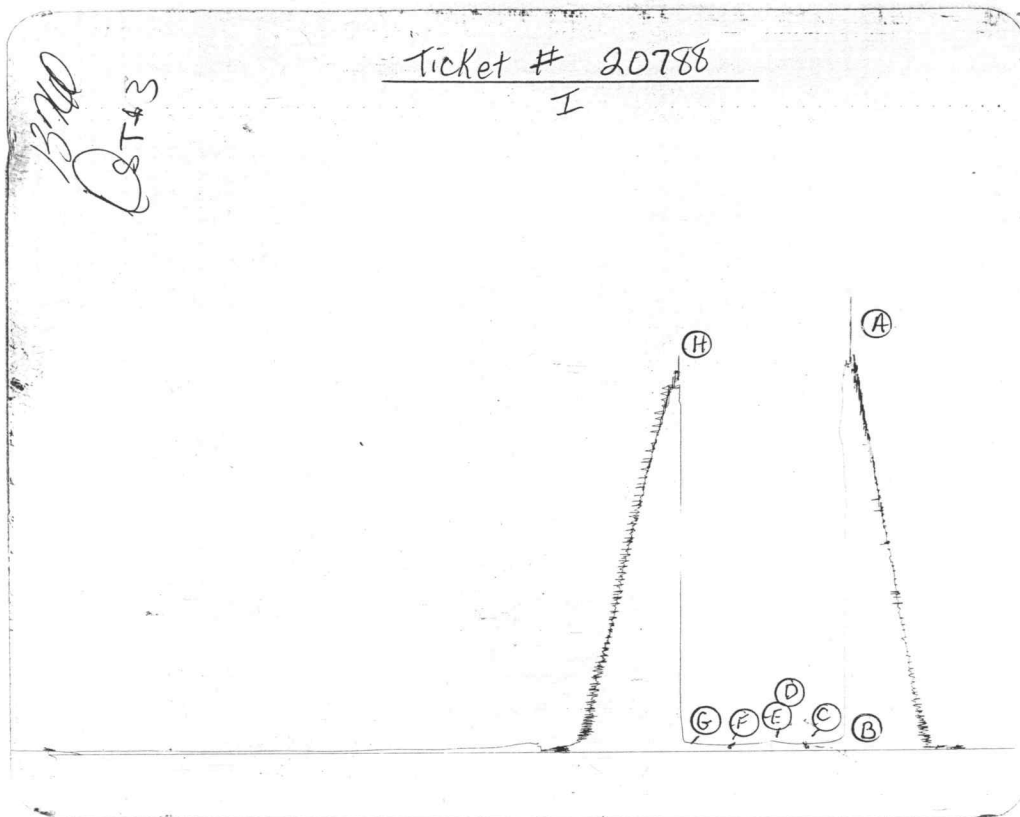
PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

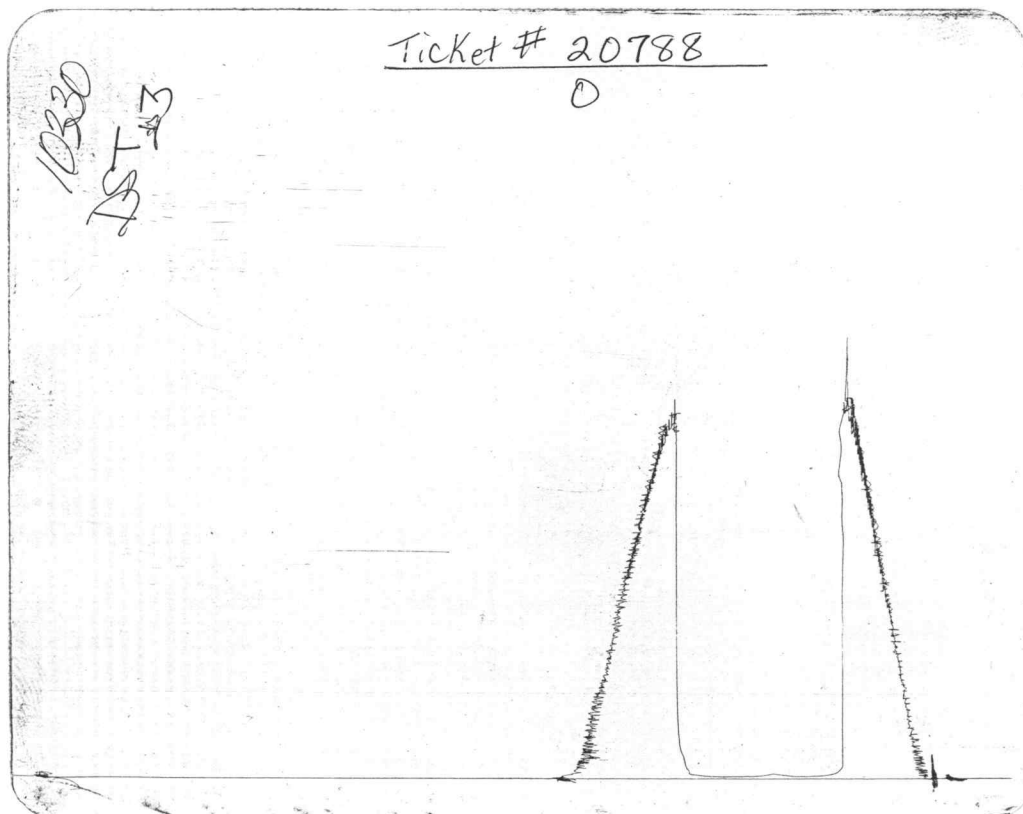
Time (min)	Pressure	Delta P
0.00	105.00	105.00
5.00	96.00	-9.00
10.00	83.00	-13.00
15.00	81.00	-2.00
20.00	81.00	0.00
25.00	78.00	-3.00
30.00	78.00	0.00
35.00	76.00	-2.00
40.00	76.00	0.00
45.00	76.00	0.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	113.00	113.00	16.00
6.00	179.00	66.00	8.50
9.00	283.00	104.00	6.00
12.00	390.00	107.00	4.75
15.00	487.00	97.00	4.00
18.00	563.00	76.00	3.50
21.00	616.00	53.00	3.14
24.00	660.00	44.00	2.88
27.00	701.00	41.00	2.67
30.00	730.00	29.00	2.50
33.00	761.00	31.00	2.36
36.00	782.00	21.00	2.25
39.00	800.00	18.00	2.15
42.00	817.00	17.00	2.07
45.00	828.00	11.00	2.00



Inside Recorder



Outside Recorder

DST REPORT

GENERAL INFORMATION

DATE	: 6-11-95	TICKET	: 20788
CUSTOMER	: THUNDERBIRD DRLG COMPANY	LEASE	: WAHRMAN "B"
WELL	: #2	TEST: 3	GEOLOGIST: AIKINS
ELEVATION	: 2810 GR	FORMATION	: L KANSAS CITY "H"
SECTION	: 25	TOWNSHIP	: 1S
RANGE	: 32W	COUNTY: RAWLINS	STATE : KS
GAUGE SN#	: 13760	RANGE : 3950	CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM:	3885.00 ft	TO:	3930.00 ft	TVD:	3930.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	OIL
DEPTH OF RECORDERS:	3888.0 ft		3891.0 ft		
TEMPERATURE:	114.0				
DRILL COLLAR LENGTH:	0.0 ft	I.D.:		0.000 in	
WEIGHT PIPE LENGTH :	504.0 ft	I.D.:		3.200 in	
DRILL PIPE LENGTH :	3361.0 ft	I.D.:		3.800 in	
TEST TOOL LENGTH :	20.0 ft	TOOL SIZE :		5.500 in	
ANCHOR LENGTH :	45.0 ft	ANCHOR SIZE:		5.500 in	
SURFACE CHOKE SIZE :	0.750 in	BOTTOM CHOKE SIZE:		0.750 in	
MAIN HOLE SIZE :	7.875 in	TOOL JOINT SIZE :		4.5XH	
PACKER DEPTH:	3880.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	3885.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	0.0 ft	SIZE:		0.000 in	
PACKER DEPTH:	0.0 ft	SIZE:		0.000 in	

MUD INFORMATION

DRILLING CON. :	ABERCROMBIE #8	VISCOSITY :	48.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	9.200 cc
WEIGHT :	9.200 ppg		
CHLORIDES :	1400 ppm	SERIAL NUMBER:	
JARS-MAKE :		REVERSED OUT?:	NO
DID WELL FLOW?:	NO		

COMMENTS

Comment

INITIAL FLOW PERIOD-WEAK BLOW DIED IN 20 MINUTES.
FINAL FLOW PERIOD-NO BLOW.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
5.0	0.0	0.0	0.0	100.0	MUD TO FEW OIL SPOTS
0.0	0.0	0.0	0.0	0.0	OIL LESS THAN 1%

RATE INFORMATION

OIL VOLUME:	0.0000	STB	TOTAL FLOW TIME:	60.0000	min.
GAS VOLUME:	0.0000	SCF	AVERAGE OIL RATE:	0.0000	STB/D
MUD VOLUME:	0.0497	STB	AVERAGE WATER RATE:	0.0000	STB/D
WATER VOLUME:	0.0000	STB			
TOTAL FLUID :	0.0497	STB			

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1956.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	39.00	39.00
INITIAL SHUT-IN	30.00		58.00
FINAL FLOW	30.00	39.00	39.00
FINAL SHUT-IN	30.00		48.00

FINAL HYDROSTATIC PRESSURE: 1927.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1950.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	66.00	38.00
INITIAL SHUT-IN	24.00		55.00
FINAL FLOW	30.00	55.00	38.00
FINAL SHUT-IN	33.00		55.00

FINAL HYDROSTATIC PRESSURE: 1907.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 6-11-95	TICKET : 20788
CUSTOMER : THUNDERBIRD DRLG COMPANY	LEASE : WAHRMAN "B"
WELL : #2	GEOLOGIST: AIKINS
ELEVATION: 2810 GR	FORMATION: L KANSAS CITY "H"
SECTION : 25	TOWNSHIP : 1S
RANGE : 32W	STATE : KS
COUNTY: RAWLINS	CLOCK : 12
GAUGE SN#: 13760	RANGE : 3950

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	66.00	66.00
5.00	60.00	-6.00
10.00	45.00	-15.00
15.00	42.00	-3.00
20.00	42.00	0.00
25.00	38.00	-4.00
30.00	38.00	0.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	38.00	38.00	0.00
6.00	38.00	0.00	0.00
9.00	38.00	0.00	0.00
12.00	41.00	3.00	0.00
15.00	43.00	2.00	0.00
18.00	46.00	3.00	0.00
21.00	50.00	4.00	0.00
24.00	55.00	5.00	0.00

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	55.00	55.00
5.00	45.00	-10.00
10.00	44.00	-1.00

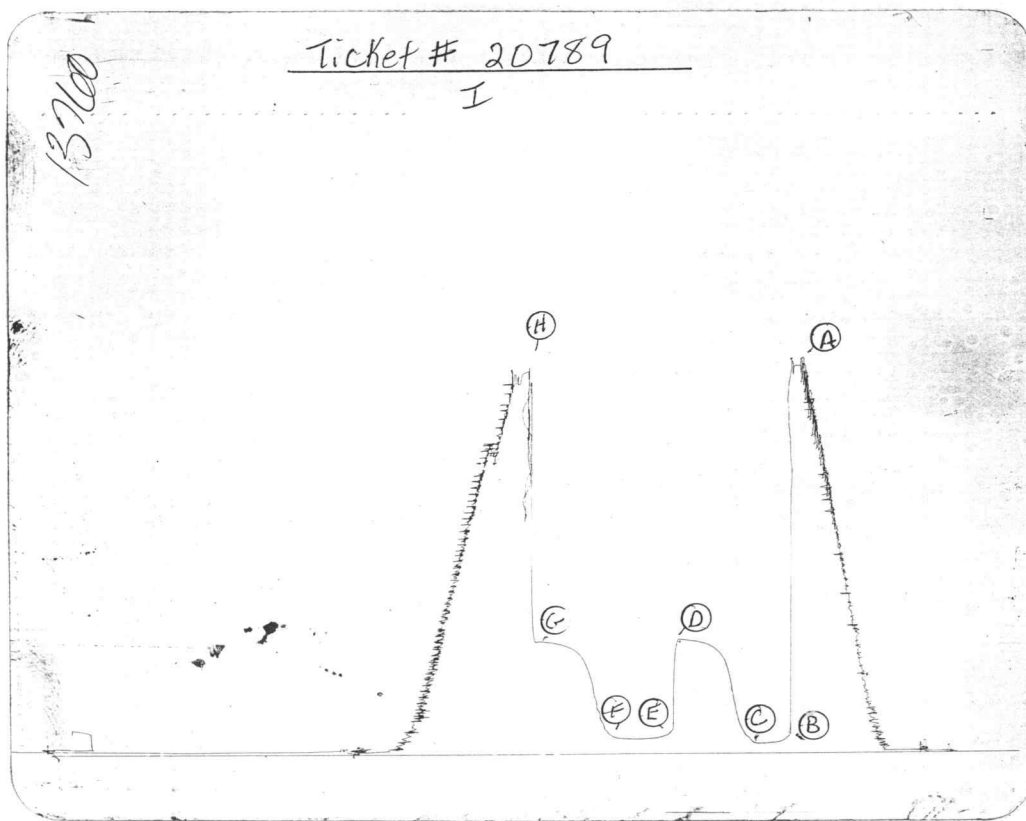
PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW (CONTINUED)

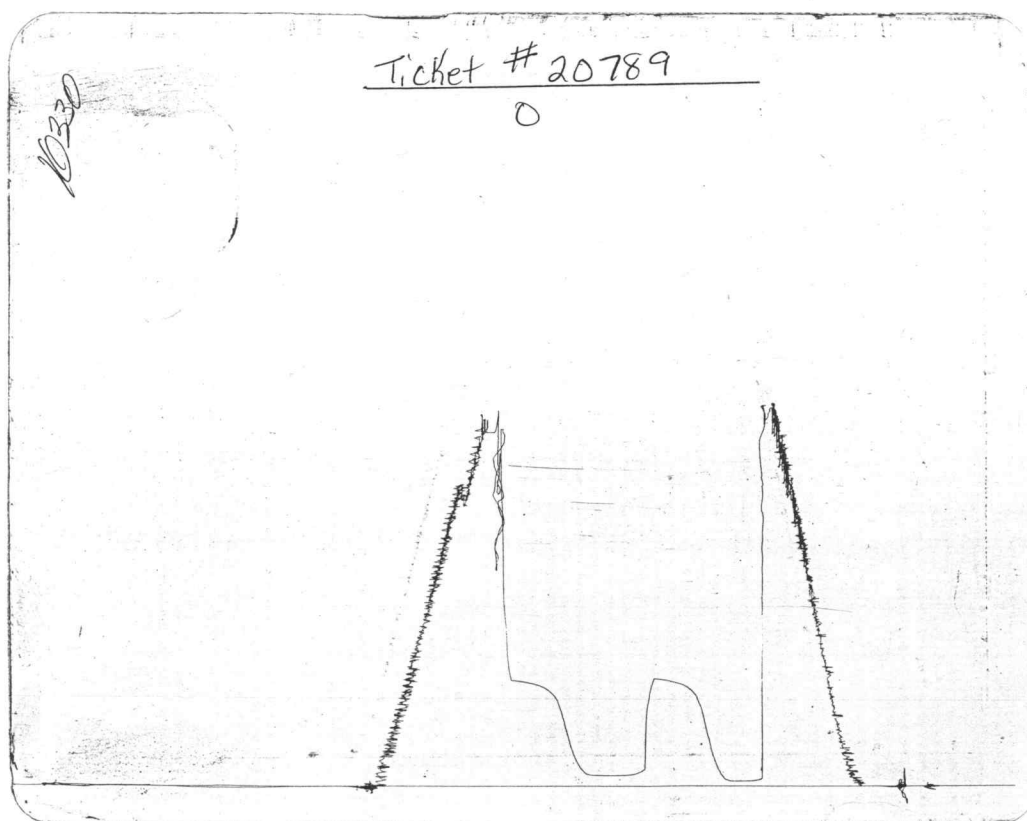
Time (min)	Pressure	Delta P
15.00	40.00	-4.00
20.00	40.00	0.00
25.00	40.00	0.00
30.00	38.00	-2.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	38.00	38.00	0.00
6.00	38.00	0.00	0.00
9.00	38.00	0.00	0.00
12.00	41.00	3.00	0.00
15.00	40.00	-1.00	0.00
18.00	42.00	2.00	0.00
21.00	44.00	2.00	0.00
24.00	45.00	1.00	0.00
27.00	48.00	3.00	0.00
30.00	52.00	4.00	0.00
33.00	55.00	3.00	0.00



Inside Recorder



Outside Recorder

DST REPORT

GENERAL INFORMATION

DATE	: 6-12-95	TICKET	: 20789
CUSTOMER	: THUNDERBIRD DRLG COMPANY	LEASE	: WAHRMAN "B"
WELL	: #2	TEST: 4	GEOLOGIST: AIKINS
ELEVATION	: 2810 GR	FORMATION	: L KANSAS CITY "J"
SECTION	: 25	TOWNSHIP	: 1S
RANGE	: 32W	COUNTY: RAWLINS	STATE : KS
GAUGE SN#	: 13760	RANGE : 3950	CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM:	3925.00 ft	TO:	3965.00 ft	TVD:	3965.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	OIL
DEPTH OF RECORDERS:	3928.0 ft		3931.0 ft		
TEMPERATURE:	115.0				
DRILL COLLAR LENGTH:	0.0 ft	I.D.:	0.000 in		
WEIGHT PIPE LENGTH :	504.0 ft	I.D.:	3.200 in		
DRILL PIPE LENGTH :	3401.0 ft	I.D.:	3.800 in		
TEST TOOL LENGTH :	20.0 ft	TOOL SIZE :	5.500 in		
ANCHOR LENGTH :	40.0 ft	ANCHOR SIZE:	5.500 in		
SURFACE CHOKE SIZE :	0.750 in	BOTTOM CHOKE SIZE:	0.750 in		
MAIN HOLE SIZE :	7.875 in	TOOL JOINT SIZE :	4.5XH		
PACKER DEPTH:	3920.0 ft	SIZE:	6.630 in		
PACKER DEPTH:	3925.0 ft	SIZE:	6.630 in		
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in		
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in		

MUD INFORMATION

DRILLING CON. :	ABERCROMBIE #8	VISCOSITY :	48.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	9.200 cc
WEIGHT :	9.200 ppg		
CHLORIDES :	1400 ppm	SERIAL NUMBER:	
JARS-MAKE :		REVERSED OUT?:	NO
DID WELL FLOW?:	NO		

COMMENTS

Comment

INITIAL FLOW PERIOD-OPENED TO WEAK BLOW-INCREASED
TO 2 INCHES. FINAL FLOW PERIOD-2 INCH STEADY
BLOW.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
0.0	0.0	0.0	0.0	0.0	120FT GAS ABOVE FLUID
60.0	100.0	0.0	0.0	0.0	OIL TO TRACE OF MUD
60.0	60.0	0.0	0.0	40.0	MUD CUT OIL

RATE INFORMATION

OIL VOLUME:	0.9549	STB		
GAS VOLUME:	0.0000	SCF	TOTAL FLOW TIME:	70.0000 min.
MUD VOLUME:	0.2387	STB	AVERAGE OIL RATE:	24.5541 STB/D
WATER VOLUME:	0.0000	STB	AVERAGE WATER RATE:	0.0000 STB/D
TOTAL FLUID :	1.1936	STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1956.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	48.00	48.00
INITIAL SHUT-IN	60.00		575.00
FINAL FLOW	45.00	73.00	73.00
FINAL SHUT-IN	60.00		566.00

FINAL HYDROSTATIC PRESSURE: 1927.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1950.00

Description	Duration	p1	p End
INITIAL FLOW	25.00	80.00	54.00
INITIAL SHUT-IN	60.00		578.00
FINAL FLOW	45.00	115.00	87.00
FINAL SHUT-IN	60.00		571.00

FINAL HYDROSTATIC PRESSURE: 1913.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 6-12-95	TICKET : 20789
CUSTOMER : THUNDERBIRD DRLG COMPANY	LEASE : WAHRMAN "B"
WELL : #2 TEST: 4	GEOLOGIST: AIKINS
ELEVATION: 2810 GR	FORMATION: L KANSAS CITY "J"
SECTION : 25	TOWNSHIP : 1S
RANGE : 32W COUNTY: RAWLINS	STATE : KS
GAUGE SN#: 13760 RANGE : 3950	CLOCK : 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	80.00	80.00
5.00	70.00	-10.00
10.00	57.00	-13.00
15.00	54.00	-3.00
20.00	54.00	0.00
25.00	54.00	0.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	69.00	69.00	9.33
6.00	85.00	16.00	5.17
9.00	109.00	24.00	3.78
12.00	150.00	41.00	3.08
15.00	220.00	70.00	2.67
18.00	303.00	83.00	2.39
21.00	394.00	91.00	2.19
24.00	460.00	66.00	2.04
27.00	498.00	38.00	1.93
30.00	521.00	23.00	1.83
33.00	535.00	14.00	1.76
36.00	546.00	11.00	1.69
39.00	556.00	10.00	1.64
42.00	562.00	6.00	1.60
45.00	566.00	4.00	1.56
48.00	571.00	5.00	1.52
51.00	573.00	2.00	1.49
54.00	576.00	3.00	1.46
57.00	577.00	1.00	1.44
60.00	578.00	1.00	1.42

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	115.00	115.00
5.00	99.00	-16.00
10.00	86.00	-13.00
15.00	83.00	-3.00
20.00	80.00	-3.00
25.00	80.00	0.00
30.00	80.00	0.00
35.00	80.00	0.00
40.00	81.00	1.00
45.00	87.00	6.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	93.00	93.00	16.00
6.00	112.00	19.00	8.50
9.00	154.00	42.00	6.00
12.00	201.00	47.00	4.75
15.00	268.00	67.00	4.00
18.00	348.00	80.00	3.50
21.00	412.00	64.00	3.14
24.00	460.00	48.00	2.88
27.00	490.00	30.00	2.67
30.00	512.00	22.00	2.50
33.00	528.00	16.00	2.36
36.00	541.00	13.00	2.25
39.00	546.00	5.00	2.15
42.00	553.00	7.00	2.07
45.00	559.00	6.00	2.00
48.00	565.00	6.00	1.94
51.00	568.00	3.00	1.88
54.00	570.00	2.00	1.83
57.00	571.00	1.00	1.79
60.00	571.00	0.00	1.75