

Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530

(316) 792-6902

Date 3-20-1993 Location SESE-NE 7-10-33 Elevation _____ County THOMAS

Company NATIONAL PETROLEUM RESERVES INC. Number of Copies 5

Charts Mailed to 250 North Rock Road Suite 340-Wichita Kansas 67206

Drilling Contractor EMPHASIS DRILLING RIG #7

Length Drill Pipe 4237 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X.H.

Length Weight Pipe NONE I.D. Weight Pipe NONE Tool Joint Size NONE

Length Drill Collars NONE I.D. Drill Collars NONE Tool Joint Size NONE

Top Packer Depth 4259 Bottom Packer Depth 4264 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 4264 TO 4312 ANCHOR LENGTH 48 TOTAL DEPTH 4312 Hole Size 7 7/8"

LEASE & WELL NO. BAPTIST CHURCH #1 FORMATION TESTED LAUSING "H" TEST NO. 1

Mud Weight 9.9 Viscosity 47 Water Loss 9.9 Chlorides - Pits 5000 D.S.T. _____

Maximum Temp. 126 °F Initial Hydrostatic Pressure (A) 2090 P.S.I. Final Hydrostatic Pressure (H) 2024 P.S.I.

Tool Open I.F.P. from 1:15 A m to 1:45 A m 30 min

from [B] 55 P.S.I. to [C] 66 P.S.I.

Tool Closed I.C.I.P. from 1:45 A m to 2:15 A m 30 min

[D] 1207 P.S.I.

Tool Open F.F.P. from 2:15 A m to 2:45 A m 30 min

from [E] 78 P.S.I. to [F] 89 P.S.I.

Tool Closed F.C.I.P. from 2:45 A m to 3:15 A m 30 min

[G] 1119 P.S.I.

Initial Blow WEAK building blow-built to 2 3/4 inches into the water

Final Blow WEAK building blow-built to 2 inches into the water

Total Feet Recovered 50 Gravity of Oil _____ Corrected _____

50 Feet of MUD with a very few spots of oil % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Remarks _____

Extra Equipment - Jars YES Safety Joint YES Extra Packer NONE Straddle NONE Hook Wall NONE

Top Recorder No. 11088 Clock No. 23913 Depth 4306 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 11087 Clock No. 47441 Depth 4309 Insurance NONE

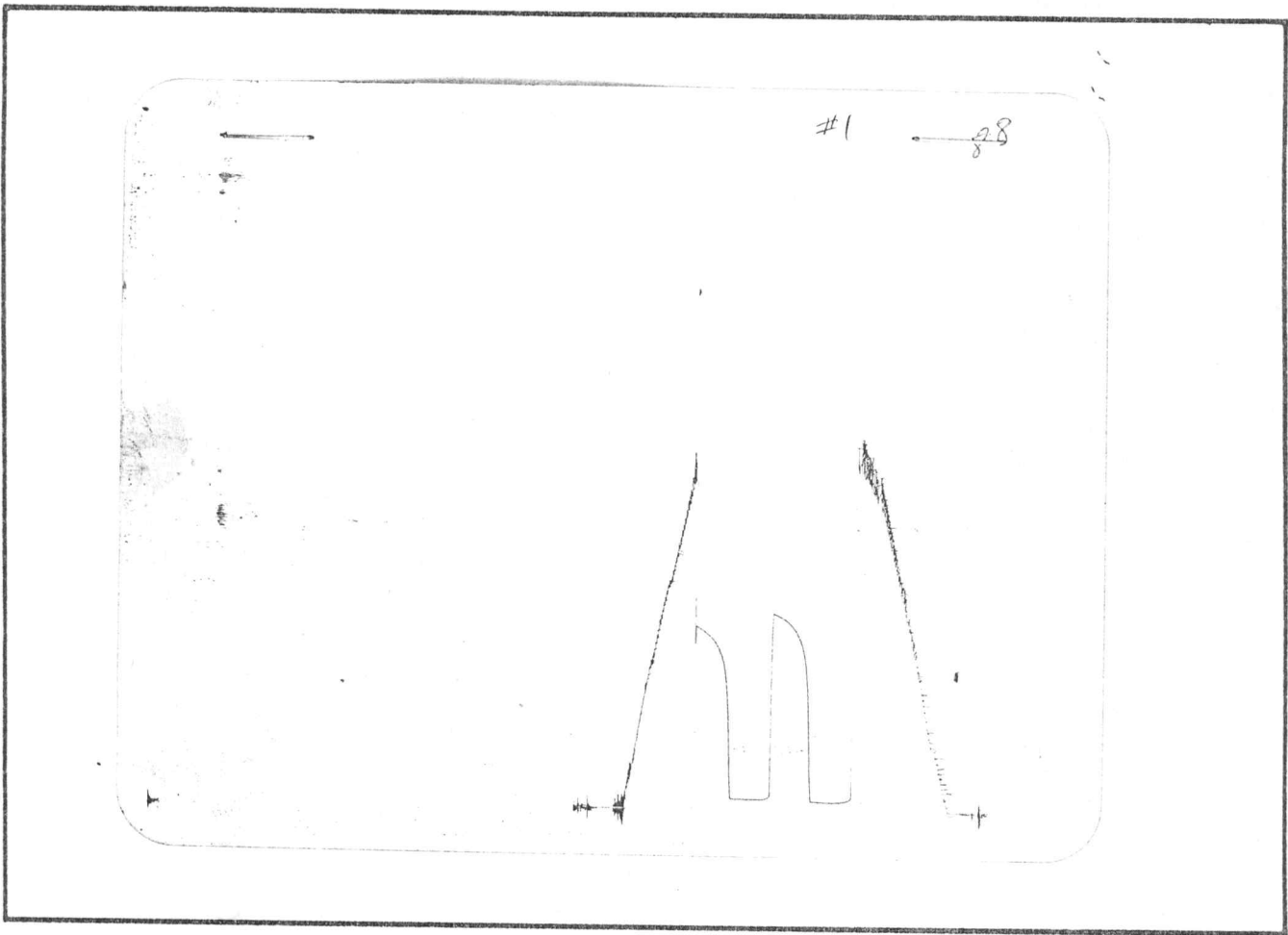
Price of Job _____

Tool Operator Gene Sudig

Approved By _____

NO 11997

Superior Testers Enterprises, Inc. shall not be liable for damage of any kind to the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	<u>2040</u>	<u>2069</u>	P.S.I.
(B) First Initial Flow Pressure	<u>55</u>	<u>67</u>	P.S.I.
(C) First Final Flow Pressure	<u>66</u>	<u>70</u>	P.S.I.
(D) Initial Closed-in Pressure	<u>1270</u>	<u>1196</u>	P.S.I.
(E) Second Initial Flow Pressure	<u>78</u>	<u>80</u>	P.S.I.
(F) Second Final Flow Pressure	<u>89</u>	<u>82</u>	P.S.I.
(G) Final Closed-in Pressure	<u>1119</u>	<u>1120</u>	P.S.I.
(H) Final Hydrostatic Mud	<u>2024</u>	<u>1994</u>	P.S.I.

SUPERIOR TESTERS ENTERPRISES INC.

WELL IDENTIFICATION DATA

COMPANY : NATIONAL PET.RESERVES WELL NAME : BAPTIST CHURCH #1
ADDRESS : 250 N.ROCK ROAD.WICHITA LOCATION : SE-SE-NE 7-10S-33W
STATE & COUNTY : KANSAS.THOMAS FIELD :
ELEV.(GR) : 3205 (KB) : 3207 TEST DATE : 3-20-1993

EQUIPMENT AND HOLE DATA

FORMATION TESTED : LANSING "H" DRILL PIPE LENGTH(ft) : 4327
TEST INT. KB : 4264 to 4312 DRILL PIPE O.D.(in) : 3.82
ANCHOR LENGTH(ft) : 48 WEIGHT PIPE LENGTH(ft) :
TYPE OF TEST : Conventional WEIGHT PIPE ID : 2.75
TOTAL DEPTH(ft-kb) : 4312 DRILL COLLAR LENGTH(ft) :
MAIN HOLE SIZE(in) : 7 7/8 DRILL COLLAR I.D.(in) : 2.259
MUD WEIGHT : 9.0 TOP PACKER DEPTH(kb) : 4259
MUD VISCOSITY : 47 BOTTOM PACKER DEPTH(kb) : 4264
MUD CHLORIDES : 5000 DUAL PACKERS :
SURFACE CHOKE : 3/4 PACKER SIZE(in) : 6 3/4
BOTTOM CHOKE(in) : 3/4 PACKER HOLD : Yes
TOOL SIZE(O.D.) : 5 1/2 TOOL PLUG : No
TOOL JOINT SIZE(F.H.) : 4 1/2 REVERSED OUT : No
RESERVOIR TEMPERATURE(F) : 126 TEST TICKET NUMBER : 11997

EXTRA EQUIPMENT : -JARS -SAFETY JOINT

ELEMENT SERIAL NO. : 11088
RANGE : 0 - 4400 CLOCK RANGE : 12 HOURS
CAL. EQU. : 1102.93 * D_{pl} + 4.88

SURFACE BLOW

1st Opening : WEAK BLOW BUILT TO 2 3/4 INCHES INTO THE WATER
2nd Opening : WEAK BLOW BUILT TO 2 INCHES INTO THE WATER

RECOVERY

Recovered 50 feet of MUD WITH A FEW SPOTS OF OIL

REMARKS :

WITNESSED BY : DAN DEBOER

TOOL OPERATOR : GENE BUDIG

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES INC.

SUPERIOR TESTERS ENTERPRISES INC.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : NATIONAL PET.RESERVES
 DATE OF TEST : 3-20-1993
 DEPTH : 4306.0

WELL NAME : BAPTIST CHURCH #1
 LOCATION : SE-SE-NE 7-10S-33W
 SERIAL NO. : 11088

COMMENTS	TIME min	DEFL in	PRESSURE PSIG		
			----- CALC	CORR	CORRECTED
TEST NO.:1					
Depth : 4306.0 ft-kb					
-1ST HYDROSTATIC	0.0	1.895	2094.93	1.31	2096.25
-1:15 1ST FLOW	0.0	.061	72.16	-4.17	67.99
- 1:20	5.0	.061	72.16	-4.17	67.99
- 1:25	10.0	.061	72.16	-4.17	67.99
- 1:30	15.0	.061	72.16	-4.17	67.99
- 1:35	20.0	.061	72.16	-4.17	67.99
- 1:40	25.0	.061	72.16	-4.17	67.99
- 1:45	30.0	.063	74.36	-4.15	70.22
-1:45 END FLOW	0.0	.063	74.36	-4.15	70.22
- 1:50	5.0	.848	940.16	.70	940.86
- 1:55	10.0	.961	1064.80	.62	1065.42
- 2:00	15.0	1.012	1121.05	.62	1121.67
- 2:05	20.0	1.047	1159.65	.69	1160.33
- 2:10	25.0	1.066	1180.60	.72	1181.32
- 2:15	30.0	1.080	1196.04	.75	1196.79
- 1:45	0.0	1.080	1196.04	.75	1196.79
- 1:45	0.0	1.000	1107.81	.60	1108.41
-2:15 1ST SHUT-IN	0.0	1.080	1196.04	.75	1196.79
-2:15 2ND FLOW	0.0	.072	84.29	-4.04	80.25
- 2:20	5.0	.072	84.29	-4.04	80.25
- 2:25	10.0	.072	84.29	-4.04	80.25
- 2:30	15.0	.072	84.29	-4.04	80.25
- 2:35	20.0	.072	84.29	-4.04	80.25
- 2:40	25.0	.072	84.29	-4.04	80.25
- 2:45	30.0	.074	86.50	-4.02	82.48
-2:45 END FLOW	0.0	.074	86.50	-4.02	82.48
- 2:50	5.0	.800	887.22	.73	887.95
- 2:55	10.0	.906	1004.13	.66	1004.80
- 3:00	15.0	.949	1051.56	.63	1052.19
- 3:05	20.0	.978	1083.55	.61	1084.16
- 3:10	25.0	1.000	1107.81	.60	1108.41
- 3:15	30.0	1.001	1108.91	.60	1109.51
-3:15 2ND SHUT-IN	0.0	1.011	1119.94	.62	1120.56
-2ND HYDROSTATIC	0.0	1.803	1993.46	1.36	1994.82

Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530

(316) 792-6902

Date 3-20-1993 Location SE-SE-NE 7-10^S-35^W Elevation 3207 KB County Thomas

Company NATIONAL PETROLEUM RESERVES INC. Number of Copies 5

Charts Mailed to 250 North Rock Rock Suite 340 - Wichita - Kansas 67206

Drilling Contractor EMPHASIS OIL OPERATIONS Rig # 7

Length Drill Pipe 4268 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" x 4 1/2"

Length Weight Pipe NONE I.D. Weight Pipe NONE Tool Joint Size NONE

Length Drill Collars NONE I.D. Drill Collars NONE Tool Joint Size NONE

Top Packer Depth 4291 Bottom Packer Depth ~~4330~~ 4296 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 4296 TO 4330 ANCHOR LENGTH 34 TOTAL DEPTH 4330 Hole Size 7 7/8"

LEASE & WELL NO. BAPTIST Church FORMATION TESTED LAWSING 'I' TEST NO. 2

Mud Weight 9.1 Viscosity 52 Water Loss 12% Chlorides - Pits 5500 D.S.T. _____

Maximum Temp. 118 °F Initial Hydrostatic Pressure (A) 2123 P.S.I. Final Hydrostatic Pressure (H) 2079 P.S.I.

Tool Open I.F.P. from 1:30 P.m to 2:00 P.m 30 min

Tool Closed I.C.I.P. from 2:00 P.m to 2:30 P.m 30 min

Tool Open F.F.P. from 2:30 P.m to 3:15 P.m 45 min

Tool Closed F.C.I.P. from 3:15 P.m to 4:15 P.m 60 min

Initial Blow Good blow - built to the bottom of a 5 Gallon bucket in 13 minutes

Final Blow Good blow - built to the bottom of a 5 Gallon bucket in 11 minutes

Total Feet Recovered 230 Gravity of Oil 41 1/2 Corrected

720 Feet of GAS IN THE PIPE % Gas _____ % Oil _____ % Mud _____ % Water _____

160 Feet of CLEAN GASSY OIL % Gas _____ % Oil _____ % Mud _____ % Water _____

10 Feet of SLIGHTLY OIL CUT MUD 0 % Gas 10 % Oil 90 % Mud ~~90~~ % Water

~~160~~ Feet of OIL & GAS cut mud 15 % Gas 15 % Oil 70 % Mud 0 % Water

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Remarks _____

0-5R 4/98

Extra Equipment - Jars YES Safety Joint YES Extra Packer NONE Straddle NONE Hook Wall NONE

Top Recorder No. 11088 Clock No. 23913 Depth 4324 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 11087 Clock No. 47441 Depth 4327 Insurance NONE

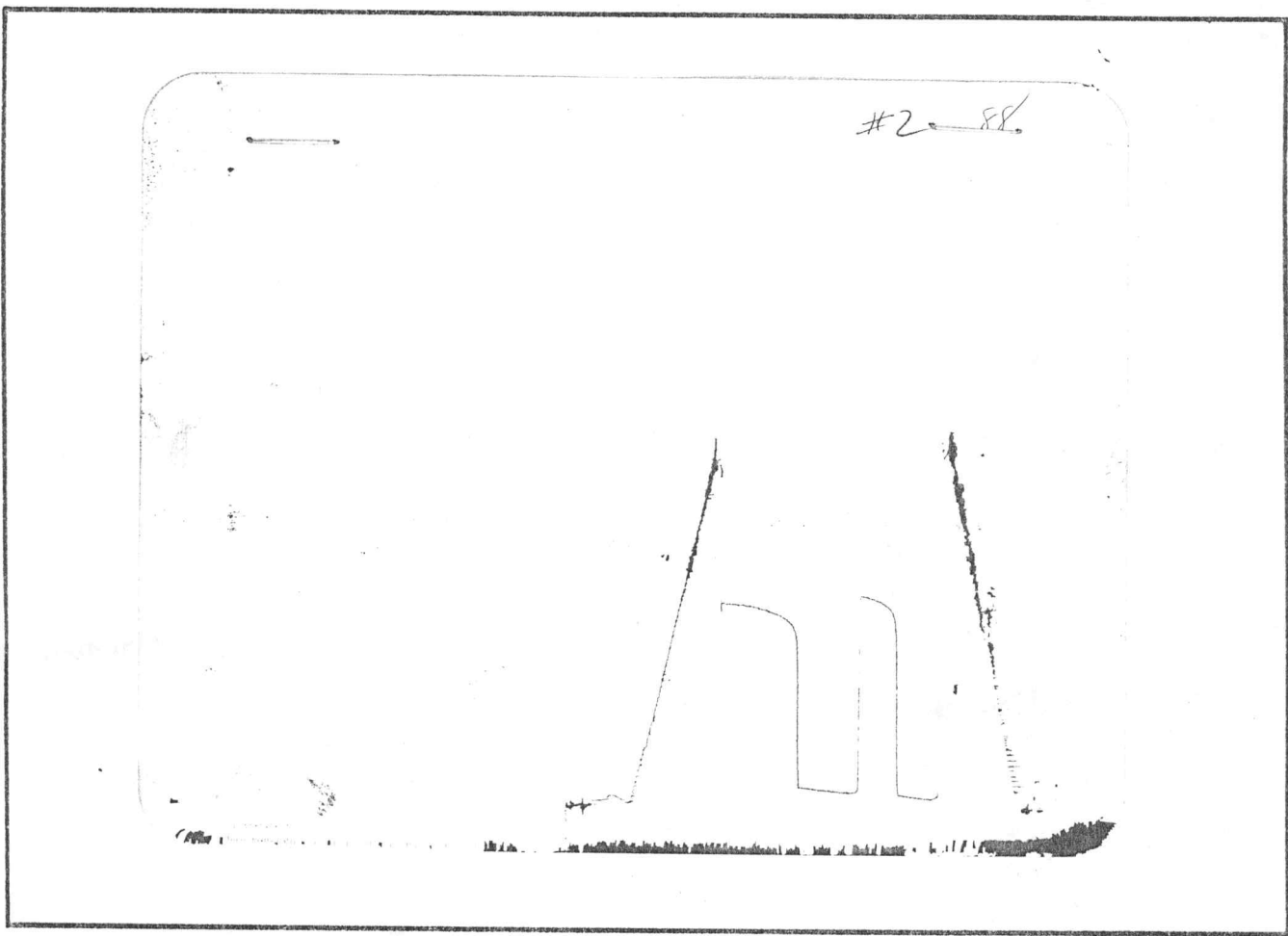
Price of Job _____

Tool Operator Alexis Ludwig

Approved By _____

No. 11998

Superior Testers Enterprises, Inc. shall not be liable for damage of any kind to the property or personnel of the one for whom a test is made, of for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



This is an actual photograph of recorder chart.

POINT	PRESSURE		P.S.I.
	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	<u>2123</u>	<u>2114</u>	P.S.I.
(B) First Initial Flow Pressure	<u>44</u>	<u>70</u>	P.S.I.
(C) First Final Flow Pressure	<u>78</u>	<u>92</u>	P.S.I.
(D) Initial Closed-in Pressure	<u>1296</u>	<u>1285</u>	P.S.I.
(E) Second Initial Flow Pressure	<u>100</u>	<u>109</u>	P.S.I.
(F) Second Final Flow Pressure	<u>133</u>	<u>137</u>	P.S.I.
(G) Final Closed-in Pressure	<u>1241</u>	<u>1237</u>	P.S.I.
(H) Final Hydrostatic Mud	<u>2079</u>	<u>2057</u>	P.S.I.

SUPERIOR TESTERS ENTERPRISES INC.

WELL IDENTIFICATION DATA

COMPANY : NATIONAL PET.RESERVES WELL NAME : BAPTIST CHURCH #1
ADDRESS : 250 N.ROCK ROAD.WICHITA LOCATION : SE-SE-NE 7-10S-33W
STATE & COUNTY : KANSAS.THOMAS FIELD :
ELEV.(GR) : 3202 (KB) : 3207 TEST DATE : 3-20-1993

EQUIPMENT AND HOLE DATA

FORMATION TESTED : LANSING "I" DRILL PIPE LENGTH(ft) : 4268
TEST INT. KB : 4296 to 4330 DRILL PIPE O.D.(in) : 3.82
ANCHOR LENGTH(ft) : 34 WEIGHT PIPE LENGTH(ft) :
TYPE OF TEST : Conventional WEIGHT PIPE ID : 2.75
TOTAL DEPTH(ft-kb) : 4330 DRILL COLLAR LENGTH(ft) :
MAIN HOLE SIZE(in) : 7 7/8 DRILL COLLAR I.D.(in) : 2.259
MUD WEIGHT : 9.1 TOP PACKER DEPTH(kb) : 4291
MUD VISCOSITY : 52 BOTTOM PACKER DEPTH(kb) : 4296
MUD CHLORIDES : 5500 DUAL PACKERS :
SURFACE CHOKE : 3/4 PACKER SIZE(in) : 6 3/4
BOTTOM CHOKE(in) : 3/4 PACKER HOLD : Yes
TOOL SIZE(O.D.) : 5 1/2 TOOL PLUG : No
TOOL JOINT SIZE(F.H.) : 4 1/2 REVERSED OUT : No
RESERVOIR TEMPERATURE(F) : 118 TEST TICKET NUMBER : 11998

EXTRA EQUIPMENT : -JARS -SAFETY JOINT

ELEMENT SERIAL NO. : 11088
RANGE : 0 - 4400 CLOCK RANGE : 12 HOURS
CAL. EQU. : 1102.93 * Defl. + 4.88

SURFACE BLOW

1st Opening : 6000 BLOW BOTTOM OF THE BUCKET IN 13 MINUTES
2nd Opening : 6000 BLOW BOTTOM OF THE BUCKET IN 11 MINUTES

RECOVERY

Recovered 720 feet of GAS IN THE PIPE
Recovered 160 feet of CLEAN GASSY OIL
Recovered 10 feet of SLIGHTLY OIL CUT MUD 10%OIL 90%MUD
Recovered 60 feet of OIL AND GAS CUT MUD 15%GAS 15%OIL 70%MUD

REMARKS :

WITNESSED BY : DAN DEBOER

TOOL OPERATOR : GENE BUDIG

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES INC.

SUPERIOR TESTERS ENTERPRISES INC.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : NATIONAL PET.RESERVES
 DATE OF TEST : 3-20-1993
 DEPTH : 4324.0

WELL NAME : BAPTIST CHURCH #1
 LOCATION : SE-SE-NE 7-10S-33W
 SERIAL NO. : 11088

COMMENTS	TIME min	DEFL in	PRESSURE PSIG		
			----- CALC	CORR	CORRECTED
TEST NO.:1					
Depth : 4324.0 ft-kb					
-1ST HYDROSTATIC	0.0	1.912	2113.68	1.30	2114.99
-1:30 1ST FLOW	0.0	.063	74.36	-4.15	70.22
- 1:35	5.0	.063	74.36	-4.15	70.22
- 1:40	10.0	.065	76.57	-4.13	72.45
- 1:45	15.0	.068	79.88	-4.09	75.79
- 1:50	20.0	.072	84.29	-4.04	80.25
- 1:55	25.0	.077	89.81	-3.99	85.82
- 2:00	30.0	.083	96.42	-3.92	92.51
-2:00 END FLOW	0.0	.083	96.42	-3.92	92.51
- 2:03	3.0	1.057	1170.68	.70	1171.38
- 2:06	6.0	1.092	1209.28	.77	1210.05
- 2:09	9.0	1.109	1228.03	.80	1228.83
- 2:12	12.0	1.124	1244.57	.83	1245.40
- 2:15	15.0	1.133	1254.50	.84	1255.34
- 2:18	18.0	1.141	1263.32	.86	1264.18
- 2:21	21.0	1.148	1271.04	.87	1271.91
- 2:24	24.0	1.154	1277.66	.88	1278.54
- 2:27	27.0	1.157	1280.97	.89	1281.86
- 2:30	30.0	1.160	1284.28	.89	1285.17
-2:30 1ST SHUT-IN	0.0	1.160	1284.28	.89	1285.17
-2:30 2ND FLOW	0.0	.098	112.97	-3.74	109.22
- 2:35	5.0	.098	112.97	-3.74	109.22
- 2:40	10.0	.100	115.17	-3.72	111.45
- 2:45	15.0	.101	116.28	-3.71	112.57
- 2:50	20.0	.105	120.69	-3.66	117.03
- 2:55	25.0	.109	125.10	-3.61	121.48
- 3:00	30.0	.111	127.31	-3.59	123.71
- 3:05	35.0	.117	133.92	-3.52	130.40
- 3:10	40.0	.120	137.23	-3.49	133.74
- 3:15	45.0	.123	140.54	-3.45	137.09
-3:15 END FLOW	0.0	.123	140.54	-3.45	137.09
- 3:18	3.0	.980	1085.75	.61	1086.36
- 3:21	6.0	1.012	1121.05	.62	1121.67
- 3:24	9.0	1.030	1140.90	.65	1141.55
- 3:27	12.0	1.044	1156.34	.68	1157.02
- 3:30	15.0	1.054	1167.37	.70	1168.07
- 3:33	18.0	1.062	1176.19	.71	1176.91
- 3:36	21.0	1.069	1183.91	.73	1184.64
- 3:39	24.0	1.079	1194.94	.74	1195.69
- 3:42	27.0	1.084	1200.46	.75	1201.21

SUPERIOR TESTERS ENTERPRISES INC.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : NATIONAL PET.RESERVES
 DATE OF TEST : 3-20-1993
 DEPTH : 4324.0

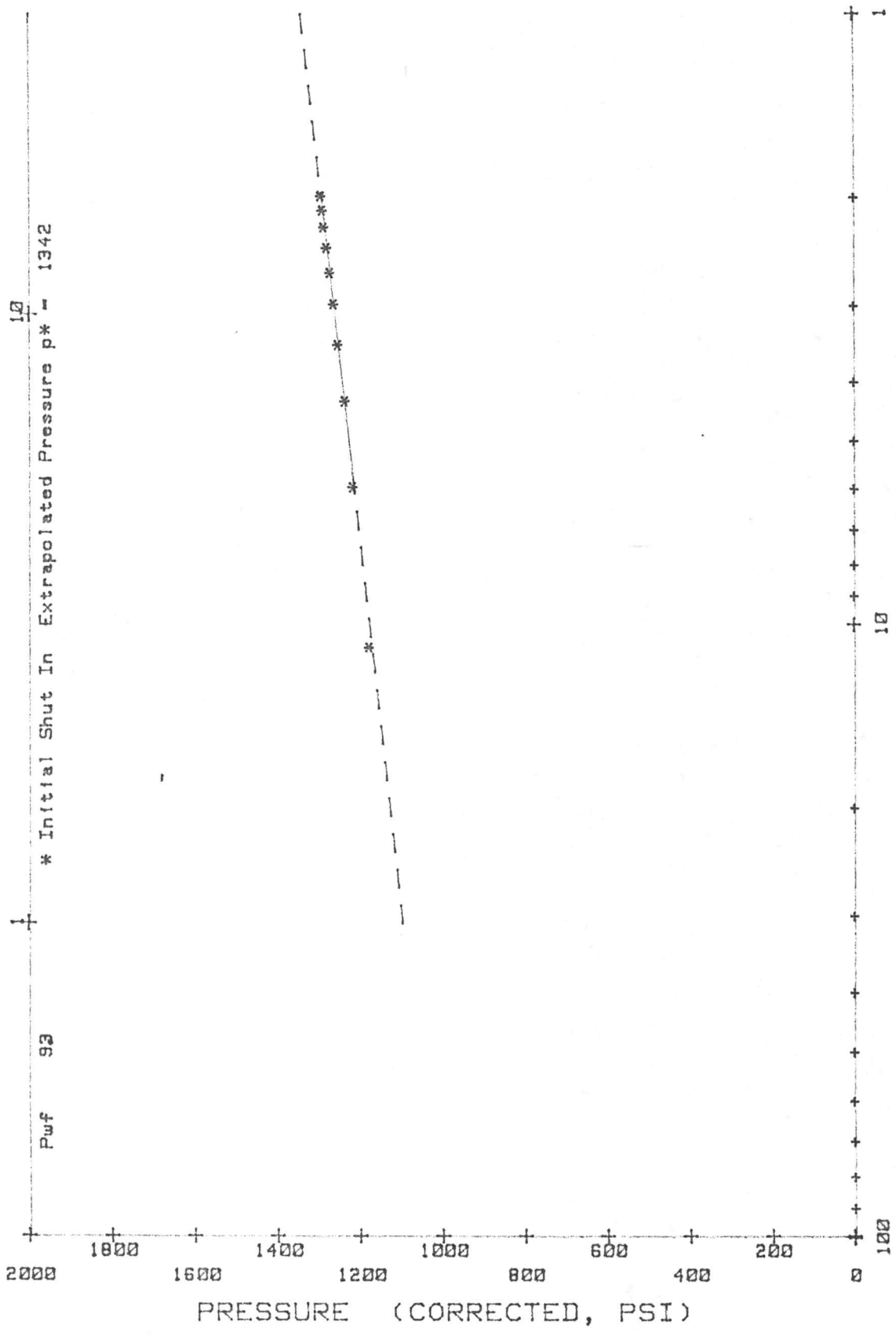
WELL NAME : BAPTIST CHURCH #1
 LOCATION : SE-SE-NE 7-10S-33W
 SERIAL NO. : 11088

COMMENTS	TIME min	DEFL in	PRESSURE PSIG		
			----- CALC	CORR	CORRECTED
TEST NO.: 1					
- 3:45	30.0	1.089	1205.97	.76	1206.73
- 3:48	33.0	1.095	1212.59	.77	1213.36
- 3:51	36.0	1.100	1218.10	.78	1218.89
- 3:54	39.0	1.103	1221.41	.79	1222.20
- 3:57	42.0	1.106	1224.72	.79	1225.51
- 4:00	45.0	1.108	1226.93	.80	1227.72
- 4:03	48.0	1.109	1228.03	.80	1228.83
- 4:06	51.0	1.111	1230.24	.80	1231.04
- 4:09	54.0	1.112	1231.34	.80	1232.14
- 4:12	57.0	1.115	1234.65	.81	1235.46
- 4:15	60.0	1.117	1236.85	.81	1237.67
-4:15 2ND SHUT-IN	0.0	1.117	1236.85	.81	1237.67
- 4:15	0.0	1.860	2056.33	1.33	2057.66
-2ND HYDROSTATIC	0.0	1.860	2056.33	1.33	2057.66

GAUGE # : 11088

DATE : 3-20-1993

LOCATION : SE-SE-NE 7-10S-33W



Pwf 93

* Initial Shut In Extrapolated Pressure p* - 1342

PRESSURE (CORRECTED, PSI)

TIME (MINUTES) : (T+dt)/dt - (Semilog scale)

SUPERIOR TESTERS ENTERPRISES INC.

HORNER ANALYSIS

COMPANY : NATIONAL PET.RESERVES
 WELL NAME : BAPTIST CHURCH #1
 LOCATION : SE-SE-NE 7-10S-33W
 STATE & COUNTY : KANSAS.THOMAS
 DATE OF TEST : 3-20-1993
 TEST INT. KB : 4296 to 4330
 TOTAL INTERVAL (ft) K.B. : 34.00
 ELEV.(GR) : 3202 (KB) : 3207
 FIELD :

ELEMENT SERIAL NO. : 11088
 LATEST CALIBRATION :

COMMENTS	TIME min	(T+dt)/dt min	----- PRESSURES CORR PSIG -----
Refer. depth :	4324.0 ft-kb		
-2:00 END FLOW	0.00	0.00	92.51
	3.00	11.00	1178.07
	6.00	6.00	1217.08
	9.00	4.33	1236.02
	12.00	3.50	1252.74
	15.00	3.00	1262.77
	18.00	2.67	1271.69
	21.00	2.43	1279.49
	24.00	2.25	1286.18
	27.00	2.11	1289.52
	30.00	2.00	1292.87
-2:30 1ST SHUT-IN	0.00	0.00	1292.87

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES. INC.

SUPERIOR TESTERS ENTERPRISES INC.

DATA SUMMARY

COMPANY : NATIONAL PET.RESERVES
DATE OF TEST : 3-20-1993
DST. NO : 1

WELL NAME : BAPTIST CHURCH #1
LOCATION : SE-SE-NE 7-108-33W
SHUT-IN PERIOD : 1

INTERPRETIVE DATA (OIL)

EXTRAPOLATED RESERVOIR PRESSURE (psi):	1342.00
Slope of Build-up Curve (psi/log cycle):	163.25
Effective Producing time (min):	30.00

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES. INC.

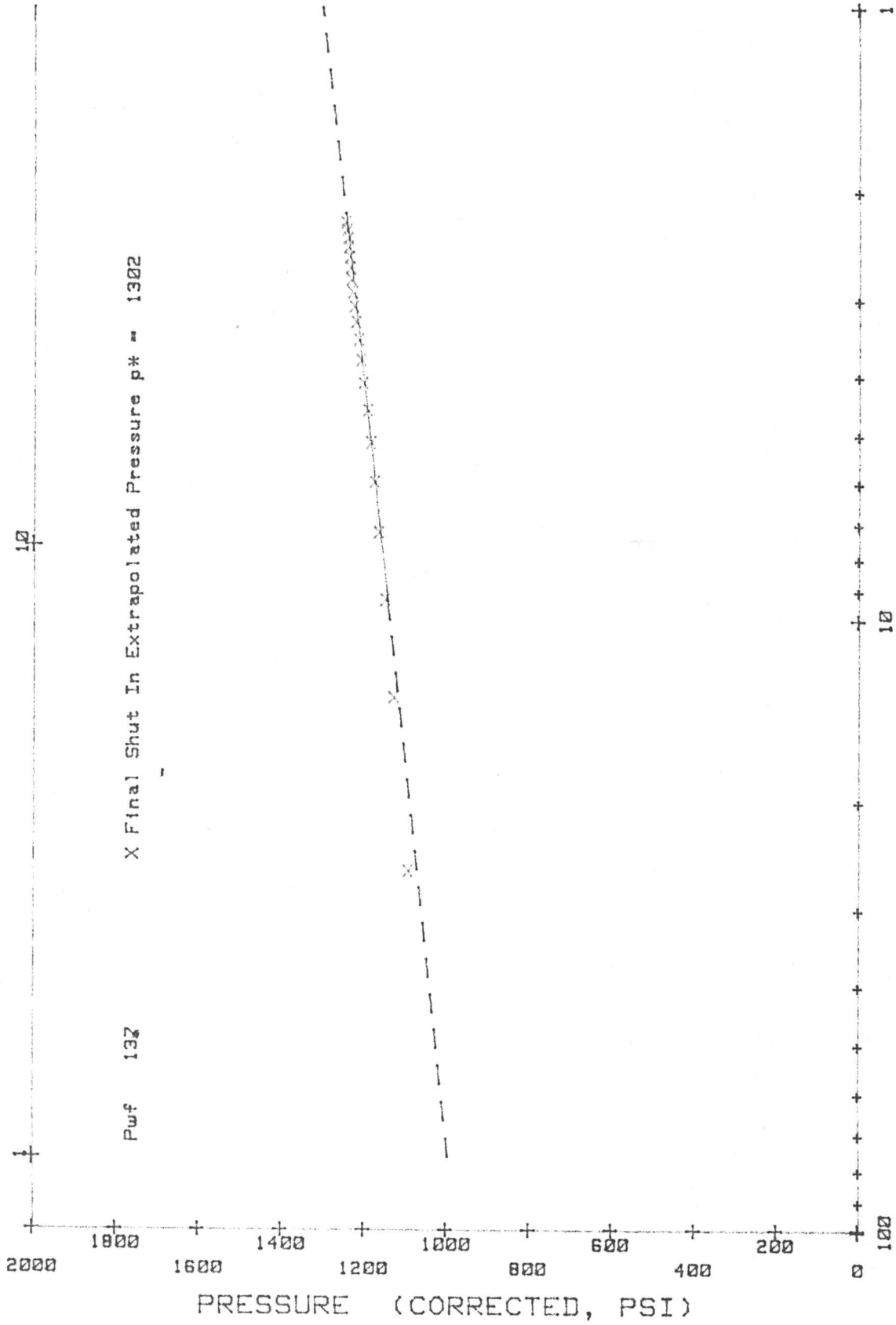
GAUGE # : 11088

DATE : 3-20-1993

LOCATION : SE-SE-NE 7-10S-33W

1000
10
1

Pwf 132 X Final Shut In Extrapolated Pressure p* = 1302



PRESSURE (CORRECTED, PSI)

TIME (MINUTES) : (T+dt)/dt - (Semilog scale)

SUPERIOR TESTERS ENTERPRISES INC.

HORNER ANALYSIS

COMPANY : NATIONAL PET.RESERVES
 WELL NAME : BAPTIST CHURCH #1
 LOCATION : SE-SE-NE 7-10S-33W
 STATE & COUNTY : KANSAS.THOMAS
 DATE OF TEST : 3-20-1993
 TEST INT. KB : 4296 to 4330
 TOTAL INTERVAL (ft) K.B. : 34.00
 ELEV.(GR) : 3202 (KB) : 3207
 FIELD :

ELEMENT SERIAL NO. : 11088
 LATEST CALIBRATION :

COMMENTS	TIME min	(T+dt)/dt min	----- PRESSURES CORR PSIG
Refer. depth :	4324.0 ft-kb		
-3:15 END FLOW	0.00	0.00	137.09
	3.00	26.00	1092.25
	6.00	13.50	1127.91
	9.00	9.33	1147.98
	12.00	7.25	1163.58
	15.00	6.00	1174.73
	18.00	5.17	1183.64
	21.00	4.57	1191.44
	24.00	4.13	1202.59
	27.00	3.78	1208.16
	30.00	3.50	1213.73
	33.00	3.27	1220.42
	36.00	3.08	1225.99
	39.00	2.92	1229.34
	42.00	2.79	1232.68
	45.00	2.67	1234.91
	48.00	2.56	1236.02
	51.00	2.47	1238.25
	54.00	2.39	1239.37
	57.00	2.32	1242.71
	60.00	2.25	1244.94
-4:15 2ND SHUT-IN	0.00	0.00	1244.94
	0.00	0.00	2073.04

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES. INC.

SUPERIOR TESTERS ENTERPRISES INC.

DATA SUMMARY

COMPANY : NATIONAL PET.RESERVES WELL NAME : BAPTIST CHURCH #1
 DATE OF TEST : 3-20-1993 LOCATION : SE-SE-NE 7-10S-33W
 DST. NO : 1 SHUT-IN PERIOD : 2

INTERPRETIVE DATA (OIL)

TRANSMISSIBILITY

Oil (md.ft/cp): 41.94
 Gas (md.ft/cp): 0.00

EFFECTIVE PERMEABILITY

Oil (md): 3.52
 Gas (md): 0.00

TOTAL MOBILITY (md/cp): 4.40

TOTAL COMPRESSIBILITY (psi⁻¹): 7.86E-06

ESTIMATED DAMAGE RATIO: 1.58

CALCULATED DAMAGE RATIO: 1.65

Reservoir Temperature (F): 118.00

Formation Porosity :18

Formation Thickness (ft): 10.00

Wellbore Radius (in): 3.94

Reservoir Compressibility (psi⁻¹): 4.80E-07

Calculated Skin Factor : 3.26

PRODUCTION WITH DAMAGE REMOVED (bbl/D): 69.44

PRODUCTIVITY INDEX (bbl/psi):04

Final Flow Pressure (psi): 137.00

APPROXIMATE RADIUS OF INVESTIGATION (ft): 63.66

Total Flowing Time (min): 75.00

EXTRAPOLATED RESERVOIR PRESSURE (psi): 1302.00

Slope of Build-up Curve (psi/log cycle): 162.77

Effective Producing Time (min): 75.00

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES, INC.

Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530
(316) 792-6902

Date 3-21-1993 Location SE-SE-NE 7-10^s-33^w Elevation 3207 KLB County Thomas
 Company NATIONAL Petroleum RESERVES Inc Number of Copies 5
 Charts Mailed to 250 North Rock Road, Suite 340 Wichita Kansas 67206
 Drilling Contractor EMPHASIS Oil OPERATIONS RIG #1
 Length Drill Pipe 4297 I.D. Drill Pipe 4 1/2" X.H. Tool Joint Size 3.80
 Length Weight Pipe NONE I.D. Weight Pipe NONE Tool Joint Size NONE
 Length Drill Collars NONE I.D. Drill Collars NONE Tool Joint Size NONE
 Top Packer Depth 4319 Bottom Packer Depth 4324 Number of Packers 2 Packer Size 6 3/4"
 TESTED FROM 4324 TO 4350 ANCHOR LENGTH 26 TOTAL DEPTH 4350 Hole Size 7 7/8
 LEASE & WELL NO. BAPTIST Church #1 FORMATION TESTED LANSING "J" TEST NO. 3
 Mud Weight 9.1 Viscosity 52 Water Loss 12% Chlorides - Pits 5500 D.S.T. _____
 Maximum Temp. 120 °F Initial Hydrostatic Pressure (A) 2178 P.S.I. Final Hydrostatic Pressure (H) 2156 P.S.I.

Tool Open I.F.P. from 2:30 A.M. to 2:45 A.M. 15 min
 Tool Closed I.C.I.P. from 2:45 A.M. to 3:00 A.M. 15 min
 Tool Open F.F.P. from 3:00 A.M. to 3:15 A.M. 15 min
 Tool Closed F.C.I.P. from 3:15 A.M. to 3:30 A.M. 15 min
 Initial Blow WEAK blow for 4 minutes & DIED

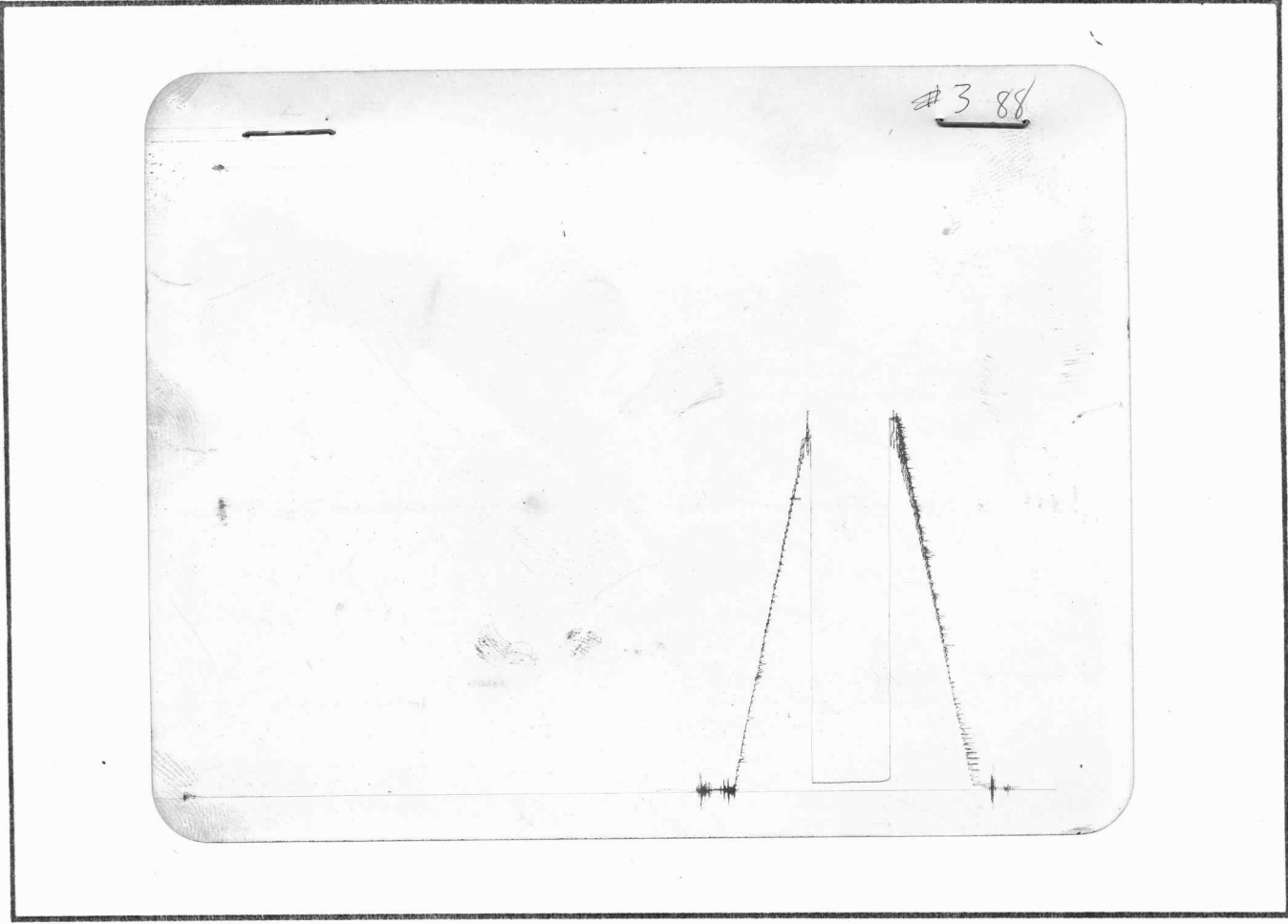
from [B] <u>55</u> P.S.I. to [C] <u>55</u> P.S.I.
[D] <u>55</u> P.S.I.
from [E] <u>55</u> P.S.I. to [F] <u>55</u> P.S.I.
[G] <u>55</u> P.S.I.

Final Blow No blow
 Total Feet Recovered 5 Gravity of Oil _____ Corrected _____
5 Feet of mud - Good show of oil between the % Gas _____ % Oil _____ % Mud _____ % Water _____
Shut-In & Hydraulic tools % Gas _____ % Oil _____ % Mud _____ % Water _____
 _____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____
 _____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____
 _____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____
 _____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____
 _____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____
 _____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____
 _____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____
 _____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Remarks _____
 Extra Equipment - Jars Yes Safety Joint Yes Extra Packer NONE Straddle NONE Hook Wall NONE
 Top Recorder No. 11088 Clock No. 23913 Depth 4344 Cir. Sub NONE Sampler NONE
 Bottom Recorder No. 11087 Clock No. 47441 Depth 4347 Insurance NONE

Price of Job _____
 Tool Operator Gene Gudy
 Approved By _____
 No 11999

Superior Testers Enterprises, Inc. shall not be liable for damage of any kind to the property or personnel of the one for whom a test is made, of for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



This is an actual photograph of recorder chart.

POINT	PRESSURE		P.S.I.
	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	<u>2178</u>	<u>2132</u>	P.S.I.
(B) First Initial Flow Pressure	<u>55</u>	<u>55</u>	P.S.I.
(C) First Final Flow Pressure	<u>55</u>	<u>55</u>	P.S.I.
(D) Initial Closed-in Pressure	<u>55</u>	<u>55</u>	P.S.I.
(E) Second Initial Flow Pressure	<u>55</u>	<u>55</u>	P.S.I.
(F) Second Final Flow Pressure	<u>55</u>	<u>55</u>	P.S.I.
(G) Final Closed-in Pressure	<u>55</u>	<u>55</u>	P.S.I.
(H) Final Hydrostatic Mud	<u>2156</u>	<u>2119</u>	P.S.I.

SUPERIOR TESTERS ENTERPRISES INC.

WELL IDENTIFICATION DATA

COMPANY : NATIONAL PET.RESERVES WELL NAME : BAPTIST CHURCH #1
ADDRESS : 250 N.ROCK ROAD.WICHITA LOCATION : SE-SE-NE 7-10S-33W
STATE & COUNTY : KANSAS.THOMAS FIELD :
ELEV.(GR) : 3205 (KB) : 3207 TEST DATE : 3-21-1993

EQUIPMENT AND HOLE DATA

FORMATION TESTED : LANSING "J" DRILL PIPE LENGTH(ft) : 4297
TEST INT. KB : 4324 to 4350 DRILL PIPE O.D.(in) : 3.82
ANCHOR LENGTH(ft) : 26 WEIGHT PIPE LENGTH(ft) :
TYPE OF TEST : Conventional WEIGHT PIPE ID : 2.75
TOTAL DEPTH(ft-kg) : 4350 DRILL COLLAR LENGTH(ft) :
MAIN HOLE SIZE(in) : 7 7/8 DRILL COLLAR I.D.(in) : 2.259
MUD WEIGHT : 9.1 TOP PACKER DEPTH(kb) : 4319
MUD VISCOSITY : 52 BOTTOM PACKER DEPTH(kb) : 4324
MUD CHLORIDES : 5500 DUAL PACKERS :
SURFACE CHOKE : 3/4 PACKER SIZE(in) : 6 3/4
BOTTOM CHOKE(in) : 3/4 PACKER HOLD : Yes
TOOL SIZE(O.D.) : 5 1/2 TOOL PLUG : No
TOOL JOINT SIZE(F.H.) : 4 1/2 REVERSED OUT : No
RESERVOIR TEMPERATURE(F) : 120 TEST TICKET NUMBER : 11999

EXTRA EQUIPMENT : -JARS -SAFETY JOINT

ELEMENT SERIAL NO. : 11088
RANGE : 0 - 4400 CLOCK RANGE : 12 HOURS
CAL. EQU. : 1102.93 * Def1. + 4.88

SURFACE BLOW

1st Opening : WEAK BLOW FOR 4 MINUTES AND DIED
2nd Opening : NO BLOW

RECOVERY

Recovered 5 feet of MUD-GOOD SHOW OF OIL BETWEEN THE TOOLS

REMARKS :

WITNESSED BY : DAN DEBOER TOOL OPERATOR : GENE BUDIG

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES INC.

SUPERIOR TESTERS ENTERPRISES INC.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : NATIONAL PET.RESERVES
 DATE OF TEST : 3-21-1993
 DEPTH : 4344.0

WELL NAME : BAPTIST CHURCH #1
 LOCATION : SE-SE-NE 7-10S-33W
 SERIAL NO. : 11088

COMMENTS	TIME min	DEFL in	PRESSURE PSIG		
			----- CALC	CORR	----- CORRECTED
TEST NO.:3					
Depth : 4344.0 ft-kb					
-1ST HYDROSTATIC	0.0	1.928	2131.33	1.30	2132.63
-2:30 1ST FLOW	0.0	.050	60.03	-4.30	55.73
- 2:35	5.0	.050	60.03	-4.30	55.73
- 2:40	10.0	.050	60.03	-4.30	55.73
- 2:45	15.0	.050	60.03	-4.30	55.73
-2:45 END FLOW	0.0	.050	60.03	-4.30	55.73
- 2:50	5.0	.050	60.03	-4.30	55.73
- 2:55	10.0	.050	60.03	-4.30	55.73
- 3:00	15.0	.050	60.03	-4.30	55.73
-3:00 1ST SHUT-IN	0.0	.050	60.03	-4.30	55.73
-3:00 2ND FLOW	0.0	.049	58.92	-4.31	54.61
- 3:05	5.0	.050	60.03	-4.30	55.73
- 3:10	10.0	.050	60.03	-4.30	55.73
- 3:15	15.0	.050	60.03	-4.30	55.73
-3:15 END FLOW	0.0	.050	60.03	-4.30	55.73
- 3:20	5.0	.050	60.03	-4.30	55.73
- 3:25	10.0	.050	60.03	-4.30	55.73
- 3:30	15.0	.050	60.03	-4.30	55.73
-3:30 2ND SHUT-IN	0.0	.050	60.03	-4.30	55.73
-2ND HYDROSTATIC	0.0	1.916	2118.09	1.30	2119.40

Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530

(316) 792-6902

Date 3-21-1993 Location SE-SE-NE 7-10-33^W Elevation 3207^{ft} County Thomas

Company National Petroleum Reserves Inc. Number of Copies 5

Charts Mailed to 250 North Park Road Suite 340- Wichita Kansas 67206

Drilling Contractor Emphasis Oil Operations Log #7

Length Drill Pipe 438 I.D. Drill Pipe 3.801 Tool Joint Size 4 1/2" X.H.

Length Weight Pipe None I.D. Weight Pipe None Tool Joint Size None

Length Drill Collars None I.D. Drill Collars None Tool Joint Size None

Top Packer Depth 4340 Bottom Packer Depth 4345 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 4345 TO 4380 ANCHOR LENGTH 35 TOTAL DEPTH 4380 Hole Size 7 7/8"

LEASE & WELL NO. Baptist Church #1 FORMATION TESTED Gaslog #8 TEST NO. 4

Mud Weight 9.9 Viscosity 49 Water Loss 12.9 Chlorides - Pits 6000 D.S.T. _____

Maximum Temp. 121 °F Initial Hydrostatic Pressure (A) 2170 P.S.I. Final Hydrostatic Pressure (H) 2156 P.S.I.

Tool Open I.F.P. from 2:10 P.m to 2:25 P.m 15 min

Tool Closed I.C.I.P. from 2:25 P.m to 2:40 P.m 15 min

Tool Open F.F.P. from 2:40 P.m to 2:55 P.m 15 min

Tool Closed F.C.I.P. from 2:55 P.m to 3:10 P.m 15 min

Initial Blow VERY WEAK blow DECREASED to intermittent

Final Blow VERY WEAK blow DECREASED to intermittent

Total Feet Recovered 5

5 Feet of mud - with a show of oil between the Gravity of Oil _____ Corrected

Feet of Shut-IN & Hydraulic tools % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Remarks _____

Extra Equipment - Jars 40 Safety Joint 40 Extra Packer None Straddle None Hook Wall None

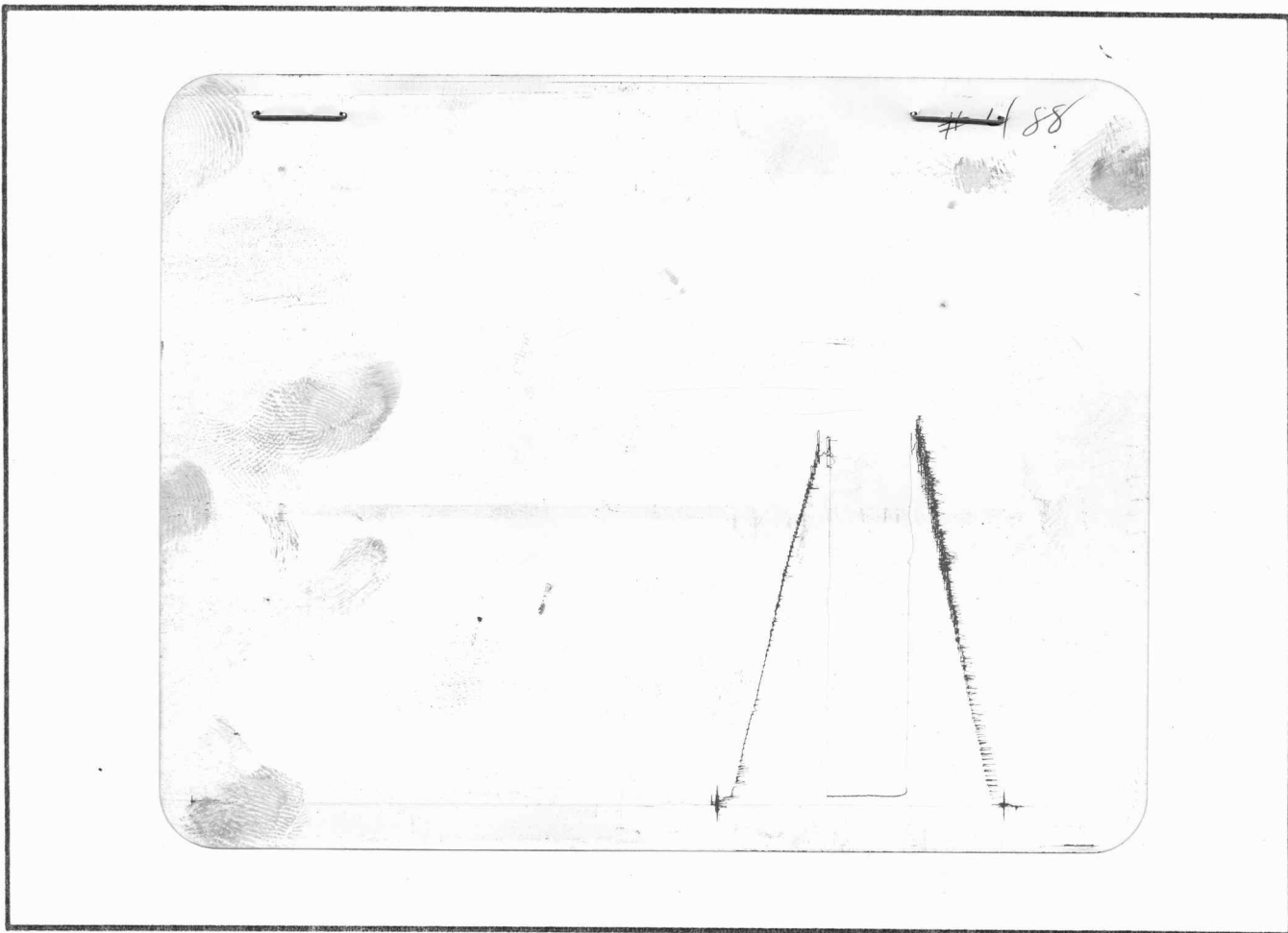
Top Recorder No. 11088 Clock No. 23913 Depth 4374 Cir. Sub None Sampler None

Bottom Recorder No. 11087 Clock No. 47441 Depth 4377 Insurance None

Price of Job _____
Tool Operator Gene Ludwig
Approved By _____
No 12000

from [B] <u>44</u> P.S.I. to [C] <u>44</u> P.S.I.
[D] <u>55</u> P.S.I.
from [E] <u>44</u> P.S.I. to [F] <u>44</u> P.S.I.
[G] <u>44</u> P.S.I.

Superior Testers Enterprises, Inc. shall not be liable for damage of any kind to the property or personnel of the one for whom a test is made, of for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



This is an actual photograph of recorder chart.

POINT	PRESSURE		P.S.I.
	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	<u>2178</u>	<u>2141</u>	P.S.I.
(B) First Initial Flow Pressure	<u>44</u>	<u>50</u>	P.S.I.
(C) First Final Flow Pressure	<u>44</u>	<u>50</u>	P.S.I.
(D) Initial Closed-in Pressure	<u>55</u>	<u>59</u>	P.S.I.
(E) Second Initial Flow Pressure	<u>44</u>	<u>50</u>	P.S.I.
(F) Second Final Flow Pressure	<u>44</u>	<u>50</u>	P.S.I.
(G) Final Closed-in Pressure	<u>44</u>	<u>50</u>	P.S.I.
(H) Final Hydrostatic Mud	<u>2156</u>	<u>2113</u>	P.S.I.

SUPERIOR TESTERS ENTERPRISES INC.

WELL IDENTIFICATION DATA

COMPANY : NATIONAL PET.RESERVES WELL NAME : BAPTIST CHURCH #1
ADDRESS : 250 N.ROCK ROAD.WICHITA LOCATION : SE-SE-NE 7-10S-33W
STATE & COUNTY : KANSAS.THOMAS FIELD :
ELEV.(GR) : 3205 (KB) : 3207 TEST DATE : 3-21-1993

EQUIPMENT AND HOLE DATA

FORMATION TESTED : LANSING "K" DRILL PIPE LENGTH(ft) : 4318
TEST INT. KB : 4345 to 4380 DRILL PIPE O.D.(in) : 3.82
ANCHOR LENGTH(ft) : 35 WEIGHT PIPE LENGTH(ft) :
TYPE OF TEST : Conventional WEIGHT PIPE ID : 2.75
TOTAL DEPTH(ft-kb) : 4380 DRILL COLLAR LENGTH(ft) :
MAIN HOLE SIZE(in) : 7 7/8 DRILL COLLAR I.D.(in) : 2.259
MUD WEIGHT : 9.0 TOP PACKER DEPTH(kb) : 4340
MUD VISCOSITY : 49 BOTTOM PACKER DEPTH(kb) : 4345
MUD CHLORIDES : 6000 DUAL PACKERS :
SURFACE CHOKE : 3/4 PACKER SIZE(in) : 6 3/4
BOTTOM CHOKE(in) : 3/4 PACKER HOLD : Yes
TOOL SIZE(O.D.) : 5 1/2 TOOL FLUG : No
TOOL JOINT SIZE(F.H.) : 4 1/2 REVERSED OUT : No
RESERVOIR TEMPERATURE(F) : 121 TEST TICKET NUMBER : 12000

EXTRA EQUIPMENT : -JARS -SAFETY JOINT

ELEMENT SERIAL NO. : 11088
RANGE : 0 - 4400 CLOCK RANGE : 12 HOURS
CAL. EQU. : 1102.93 * Defl. + 4.88

SURFACE BLOW

1st Opening : VERY WEAK BLOW DECREASING TO INTERMITTANT
2nd Opening : VERY WEAK BLOW DECREASING TO INTERMITTANT

RECOVERY

Recovered 5 feet of MUD-WITH A SHOW OF OIL BETWEEN THE TOOLS

REMARKS :

WITNESSED BY : DAN DEBOER

TOOL OPERATOR : GENE BUDIG

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES INC.

SUPERIOR TESTERS ENTERPRISES INC.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : NATIONAL PET.RESERVES
 DATE OF TEST : 3-21-1993
 DEPTH : 4374.0

WELL NAME : BAPTIST CHURCH #1
 LOCATION : SE-SE-NE 7-10S-33W
 SERIAL NO. : 11088

COMMENTS	TIME min	DEFL in	PRESSURE PSIG		
			----- CALC	CORR	CORRECTED
TEST NO.:4					
Depth : 4374.0 ft-kb					
-1ST HYDROSTAIC	0.0	1.936	2140.15	1.29	2141.45
-2:10 1ST FLOW	0.0	.045	54.51	-4.36	50.15
- 2:15	5.0	.045	54.51	-4.36	50.15
- 2:20	10.0	.045	54.51	-4.36	50.15
- 2:25	15.0	.045	54.51	-4.36	50.15
- 2:10	0.0	.005	10.39	-4.82	5.57
-2:25 END FLOW	0.0	.045	54.51	-4.36	50.15
- 2:30	5.0	.048	57.82	-4.32	53.50
- 2:35	10.0	.049	58.92	-4.31	54.61
- 2:40	15.0	.053	63.34	-4.26	59.07
-2:40 1ST SHUT-IN	0.0	.053	63.34	-4.26	59.07
-2:40 2ND FLOW	0.0	.045	54.51	-4.36	50.15
- 2:45	5.0	.045	54.51	-4.36	50.15
- 2:50	10.0	.045	54.51	-4.36	50.15
- 2:55	15.0	.045	54.51	-4.36	50.15
-2:55 END FLOW	0.0	.045	54.51	-4.36	50.15
- 3:00	5.0	.045	54.51	-4.36	50.15
- 3:05	10.0	.045	54.51	-4.36	50.15
- 3:10	15.0	.045	54.51	-4.36	50.15
-3:10 2ND SHUT-IN	0.0	.045	54.51	-4.36	50.15
-2ND HYDROSTATIC	0.0	1.911	2112.58	1.30	2113.88

Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530

(316) 792-6902

Date 3-22-1993 Location SE-NE-7E 7-10-33 Elevation 3207 K.B. County Thomas

Company National Petroleum Reserves Inc. Number of Copies 5

Charts Mailed to 250 North First Road Suite 340 Wichita Kansas 67206

Drilling Contractor Emphasis Oil Operations Rig #7

Length Drill Pipe 4348 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X-11

Length Weight Pipe None I.D. Weight Pipe None Tool Joint Size None

Length Drill Collars None I.D. Drill Collars None Tool Joint Size None

Top Packer Depth 4371 Bottom Packer Depth 4376 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 4376 TO 4410 ANCHOR LENGTH 34 TOTAL DEPTH 4410 Hole Size 7 7/8"

LEASE & WELL NO. Baptist Church #1 FORMATION TESTED LANSING "L" TEST NO. 3

Mud Weight 99 Viscosity 49 Water Loss 12% Chlorides - Pits 6000 D.S.T. _____

Maximum Temp. 121 °F Initial Hydrostatic Pressure (A) 2201 P.S.I. Final Hydrostatic Pressure (H) 2167 P.S.I.

Tool Open I.F.P. from 2:00 A.m to 2:30 A.m 30 min

Tool Closed I.C.I.P. from 2:30 A.m to 3:00 A.m 30 min

Tool Open F.F.P. from 3:00 A.m to 3:30 A.m 30 min

Tool Closed F.C.I.P. from 3:30 A.m to 4:00 A.m 30 min

Initial Blow WEAK building blow - built to 2 inches into the water

Final Blow WEAK building blow - built to 1 3/4 inches into the water

Total Feet Recovered 30 Gravity of Oil _____ Corrected _____

30 Feet of oil cut mud - with a good show of 0% Gas 20% Oil 80% Mud 0% Water

Feet of CLEAN oil BETWEEN the shut-in & Hydrate % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of TOOLS % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Remarks _____

Extra Equipment - Jars yes Safety Joint yes Extra Packer None Straddle None Hook Wall None

Top Recorder No. 11088 Clock No. 23913 Depth 4404 Cir. Sub None Sampler None

Bottom Recorder No. 11087 Clock No. 47441 Depth 4407 Insurance None

Price of Job _____

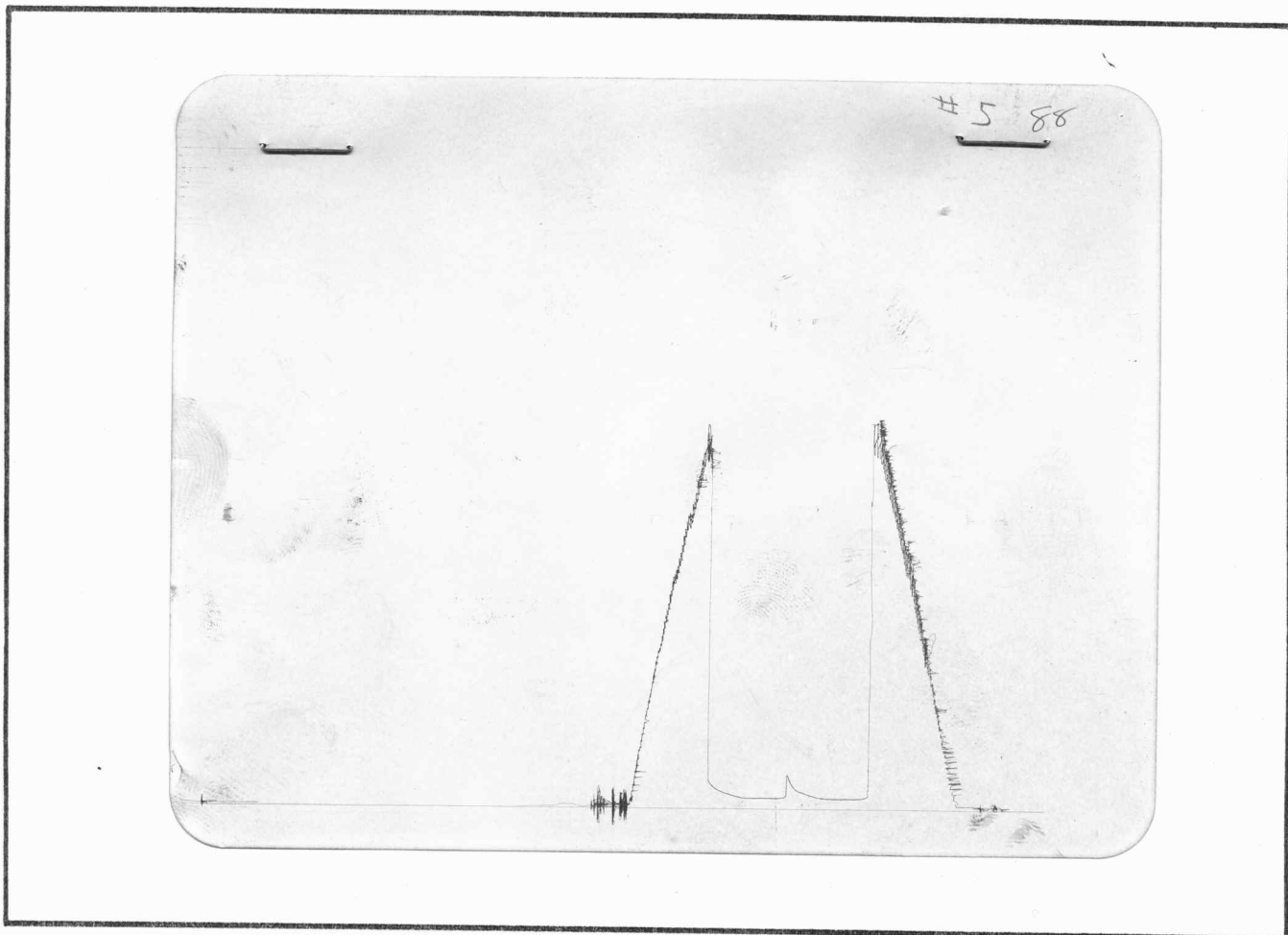
Tool Operator Jane Judy

Approved By _____

NO 12151

from [B] <u>55</u> P.S.I. to [C] <u>55</u> P.S.I.
[D] <u>200</u> P.S.I.
from [E] <u>66</u> P.S.I. to [F] <u>66</u> P.S.I.
[G] <u>167</u> P.S.I.

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This is an actual photograph of recorder chart.

POINT	PRESSURE		
	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	<u>2201</u>	<u>2182</u>	P.S.I.
(B) First Initial Flow Pressure	<u>55</u>	<u>59</u>	P.S.I.
(C) First Final Flow Pressure	<u>55</u>	<u>59</u>	P.S.I.
(D) Initial Closed-in Pressure	<u>200</u>	<u>200</u>	P.S.I.
(E) Second Initial Flow Pressure	<u>66</u>	<u>60</u>	P.S.I.
(F) Second Final Flow Pressure	<u>66</u>	<u>60</u>	P.S.I.
(G) Final Closed-in Pressure	<u>167</u>	<u>169</u>	P.S.I.
(H) Final Hydrostatic Mud	<u>2167</u>	<u>2127</u>	P.S.I.

SUPERIOR TESTERS ENTERPRISES INC.

WELL IDENTIFICATION DATA

COMPANY : NATIONAL PET.RESERVES WELL NAME : BAPTIST CHURCH #1
ADDRESS : 250 N.ROCK ROAD.WICHITA LOCATION : SE-SE-NE 7-105-33W
STATE & COUNTY : KANSAS,THOMAS FIELD :
ELEV.(GR) : 3205 (KB) : 3207 TEST DATE : 3-22-1993

EQUIPMENT AND HOLE DATA

FORMATION TESTED : LANSING "L" DRILL PIPE LENGTH(ft) : 4348
TEST INT. KB : 4376 to 4410 DRILL PIPE O.D.(in) : 3.82
ANCHOR LENGTH(ft) : 34 WEIGHT PIPE LENGTH(ft) :
TYPE OF TEST : Conventional WEIGHT PIPE ID : 2.75
TOTAL DEPTH(ft-kb) : 4410 DRILL COLLAR LENGTH(ft) :
MAIN HOLE SIZE(in) : 7 7/8 DRILL COLLAR I.D.(in) : 2.259
MUD WEIGHT : 9.0 TOP PACKER DEPTH(kb) : 4371
MUD VISCOSITY : 49 BOTTOM PACKER DEPTH(kb) : 4376
MUD CHLORIDES : 6000 DUAL PACKERS :
SURFACE CHOKE : 3/4 PACKER SIZE(in) : 6 3/4
BOTTOM CHOKE(in) : 3/4 PACKER HOLD : Yes
TOOL SIZE(O.D.) : 5 1/2 TOOL PLUG : No
TOOL JOINT SIZE(F.H.) : 4 1/2 REVERSED OUT : No
RESERVOIR TEMPERATURE(F) : 121 TEST TICKET NUMBER : 12151

EXTRA EQUIPMENT : -JARS -SAFETY JOINT

ELEMENT SERIAL NO. : 11088
RANGE : 0 - 4400 CLOCK RANGE : 12 HOURS
CAL. EQU. : 1102.93 * Defl. + 4.88

SURFACE BLOW

1st Opening : VERY WEAK BLOW BUILT TO 2 INCHES INTO THE WATER
2nd Opening : WEAK BLOW BUILT TO 1 3/4 INCHES INTO THE WATER

RECOVERY

Recovered 30 feet of OIL CUT MUD-GOOD SHOW OF CLEAN OIL BETWEEN TOOLS

REMARKS :

WITNESSED BY : DAN DEBOER TOOL OPERATOR : GENE BUDIG

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES INC.

SUPERIOR TESTERS ENTERPRISES INC.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : NATIONAL PET.RESERVES
 DATE OF TEST : 3-22-1993
 DEPTH : 4404.0

WELL NAME : BAPTIST CHURCH #1
 LOCATION : SE-SE-NE 7-10S-33W
 SERIAL NO. : 11088

COMMENTS	TIME min	DEFL in	PRESSURE PSIG		
			----- CALC	CORR	CORRECTED
TEST NO.:5					
Depth : 4404.0 ft-kb					
-1ST HYDROSTATIC	0.0	1.973	2180.96	1.27	2182.23
-2:00 1ST FLOW	0.0	.053	63.34	-4.26	59.07
- 2:05	5.0	.053	63.34	-4.26	59.07
- 2:10	10.0	.053	63.34	-4.26	59.07
- 2:15	15.0	.053	63.34	-4.26	59.07
- 2:20	20.0	.053	63.34	-4.26	59.07
- 2:25	25.0	.053	63.34	-4.26	59.07
- 2:30	30.0	.053	63.34	-4.26	59.07
-2:30 END FOW	0.0	.053	63.34	-4.26	59.07
- 2:35	5.0	.055	65.54	-4.24	61.30
- 2:40	10.0	.062	73.26	-4.16	69.10
- 2:45	15.0	.073	85.39	-4.03	81.36
- 2:50	20.0	.087	100.83	-3.87	96.96
- 2:55	25.0	.103	118.48	-3.68	114.80
- 3:02	32.0	.180	203.41	-2.79	200.62
-3:02 1ST SHUT-IN	0.0	.180	203.41	-2.79	200.62
3:02 2ND FLOW	0.0	.054	64.44	-4.25	60.19
- 3:07	5.0	.054	64.44	-4.25	60.19
- 3:12	10.0	.054	64.44	-4.25	60.19
- 3:17	15.0	.054	64.44	-4.25	60.19
- 3:22	20.0	.054	64.44	-4.25	60.19
- 3:27	25.0	.054	64.44	-4.25	60.19
- 3:32	30.0	.054	64.44	-4.25	60.19
- 3:02	0.0	.004	9.29	-4.83	4.46
-3:32 END FLOW	0.0	.054	64.44	-4.25	60.19
- 3:37	5.0	.059	69.95	-4.19	65.76
- 3:42	10.0	.068	79.88	-4.09	75.79
- 3:47	15.0	.080	93.11	-3.95	89.16
- 3:52	20.0	.095	109.66	-3.78	105.88
- 3:57	25.0	.119	136.13	-3.50	132.63
- 4:01	29.0	.152	172.53	-3.12	169.41
-4:01 2ND SHUT-IN	0.0	.152	172.53	-3.12	169.41
-2ND HYDROSTATIC	0.0	1.923	2125.82	1.30	2127.11

Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530

(316) 792-6902

Date 3-23-1993 Location SE-SE-NE 7-10^s-33^w Elevation 3207 KB County Thomas

Company NATIONAL PETROLEUM RESERVES INC Number of Copies 5

Charts Mailed to 250 NORTH ROCK ROAD SUITE 340 WICHITA KS 67206

Drilling Contractor Emphasis Oil

Length Drill Pipe 4548 I.D. Drill Pipe 380 Tool Joint Size 4 1/2 x H

Length Weight Pipe NONE I.D. Weight Pipe NONE Tool Joint Size NONE

Length Drill Collars NONE I.D. Drill Collars NONE Tool Joint Size NONE

Top Packer Depth 4440 Bottom Packer Depth 4445 Number of Packers Two Packer Size 6 1/2

TESTED FROM 4445 TO 4595 ANCHOR LENGTH 150 TOTAL DEPTH 4595 Hole Size 2 3/8

LEASE & WELL NO. BAPTIST CHURCH #1 FORMATION TESTED AITAMONT - Myrick STATION TEST NO. 6

Mud Weight 9 Viscosity 45 Water Loss 11 Chlorides - Pits 2000 D.S.T. _____

Maximum Temp. 121 °F Initial Hydrostatic Pressure (A) 2322 P.S.I. Final Hydrostatic Pressure (H) 2300 P.S.I.

Tool Open I.F.P. from 500 m to 530 m 30 min

Tool Closed I.C.I.P. from 530 m to 600 m 30 min

Tool Open F.F.P. from 600 m to 630 m 30 min

Tool Closed F.C.I.P. from 630 m to 700 m 30 min

Initial Blow WEAK BLOW Building 1" into water

Final Blow WEAK BLOW 1/2" into water Decreasing slightly

Total Feet Recovered 20 Drilling NWD slight show of oil on top of tool Gravity of Oil _____ Corrected _____

Feet of	% Gas	% Oil	% Mud	% Water
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Remarks _____

Extra Equipment - Jars yes Safety Joint yes Extra Packer NONE Straddle NONE Hook Wall NONE

Top Recorder No. 11088 Clock No. 23913 Depth 4589 Cir. Sub _____ Sampler NONE

Bottom Recorder No. 11087 Clock No. 47441 Depth 4592 Insurance _____ NONE

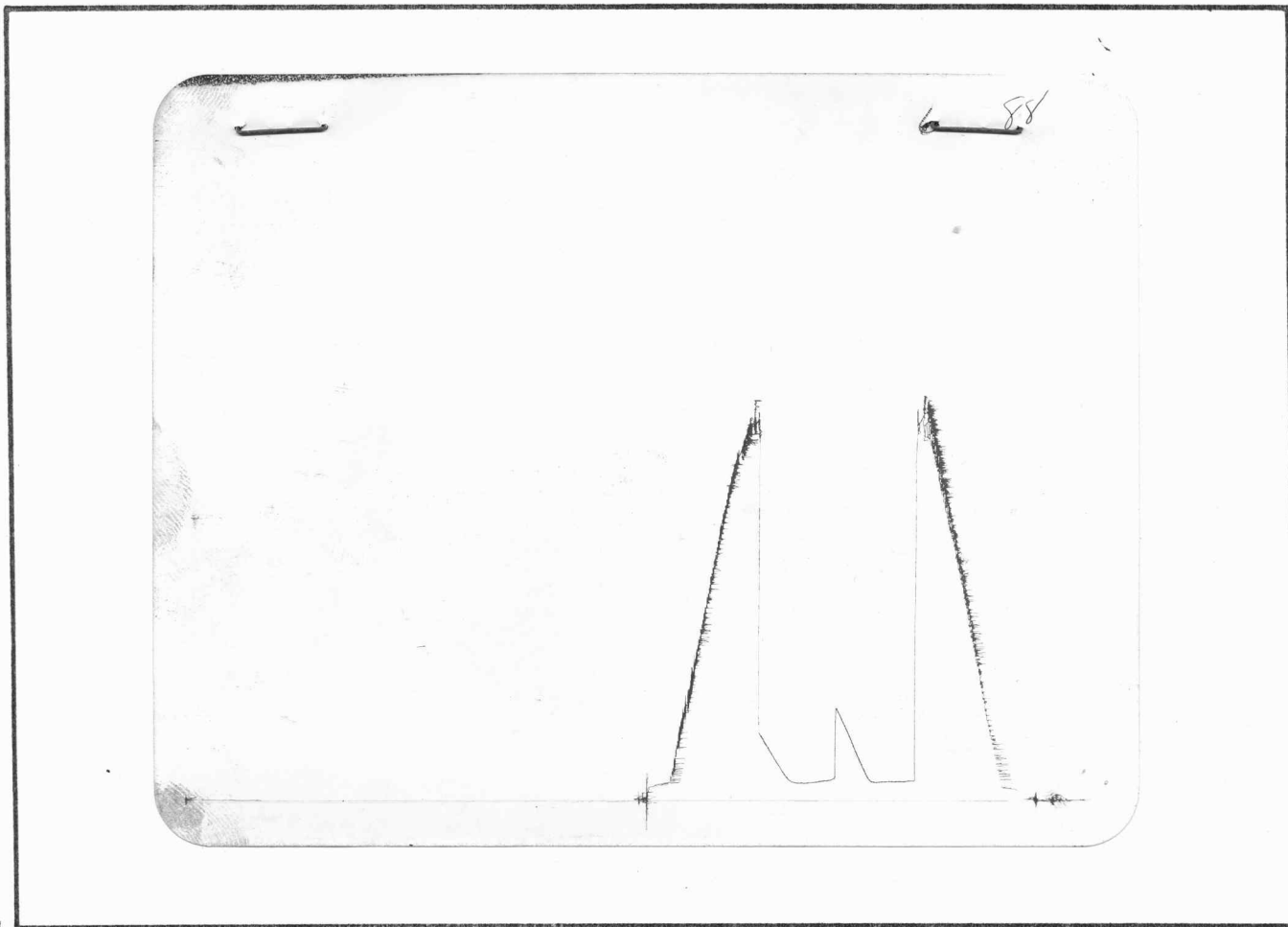
Price of Job _____

Tool Operator Pat Sloman

Approved By _____

No 12152

Superior Testers Enterprises, Inc. shall not be liable for damage of any kind to the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	<u>2322</u>	<u>2262</u>	P.S.I.
(B) First Initial Flow Pressure	<u>55</u>	<u>122</u>	P.S.I.
(C) First Final Flow Pressure	<u>55</u>	<u>115</u>	P.S.I.
(D) Initial Closed-in Pressure	<u>557</u>	<u>553</u>	P.S.I.
(E) Second Initial Flow Pressure	<u>78</u>	<u>119</u>	P.S.I.
(F) Second Final Flow Pressure	<u>66</u>	<u>111</u>	P.S.I.
(G) Final Closed-in Pressure	<u>423</u>	<u>406</u>	P.S.I.
(H) Final Hydrostatic Mud	<u>2300</u>	<u>2257</u>	P.S.I.

SUPERIOR TESTERS ENTERPRISES INC.

WELL IDENTIFICATION DATA

COMPANY : NATIONAL PET.RESERVES WELL NAME : BAPTIST CHURCH #1
ADDRESS : 250 N.ROCK ROAD,WICHITA LOCATION : SE-SE-NE 7-10S-33W
STATE & COUNTY : KANSAS,THOMAS FIELD :
ELEV.(GR) : 3205 (KB) : 3207 TEST DATE : 3-23-1993

EQUIPMENT AND HOLE DATA

FORMATION TESTED : ALTA.-MYRICK STATDRILL PIPE LENGTH(ft) : 4548
TEST INT. KB : 4445 to 4595 DRILL PIPE O.D.(in) : 3.82
ANCHOR LENGTH(ft) : 150 WEIGHT PIPE LENGTH(ft) :
TYPE OF TEST : Conventional WEIGHT PIPE ID : 2.75
TOTAL DEPTH(ft-kb) : 4595 DRILL COLLAR LENGTH(ft) :
MAIN HOLE SIZE(in) : 7 7/8 DRILL COLLAR I.D.(in) : 2.259
MUD WEIGHT : 9.0 TOP PACKER DEPTH(kb) : 4440
MUD VISCOSITY : 45 BOTTOM PACKER DEPTH(kb) : 4445
MUD CHLORIDES : 7000 DUAL PACKERS :
SURFACE CHOKE : 3/4 PACKER SIZE(in) : 6 3/4
BOTTOM CHOKE(in) : 3/4 PACKER HOLD : Yes
TOOL SIZE(O.D.) : 5 1/2 TOOL PLUG : No
TOOL JOINT SIZE(F.H.) : 4 1/2 REVERSED OUT : No
RESERVOIR TEMPERATURE(F) : 121 TEST TICKET NUMBER : 12152

EXTRA EQUIPMENT : -JARS -SAFETY JOINT

ELEMENT SERIAL NO. : 11088
RANGE : 0 - 4400 CLOCK RANGE : 12 HOURS
CAL. EQU. : 1102.93 * Defl. + 4.88

SURFACE BLOW

1st Opening : WEAK BLOW BUILT TO 1 INCH INTO THE WATER
2nd Opening : WEAK BLOW BUILT TO 1/2 INCH INTO THE WATER

RECOVERY

Recovered 20 feet of MUD-SLIGHTLY SHOW OF OIL ON TOP OF THE TOOL

REMARKS :

WITNESSED BY : DAN DEBOER TOOL OPERATOR : GENE BUDIG

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES INC.

SUPERIOR TESTERS ENTERPRISES INC.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : NATIONAL PET.RESERVES
 DATE OF TEST : 3-23-1993
 DEPTH : 4589.0

WELL NAME : BAPTIST CHURCH #1
 LOCATION : SE-SE-NE 7-10S-33W
 SERIAL NO. : 11088

COMMENTS	TIME min	DEFL in	PRESSURE PSIG		
			----- CALC	CORR	----- CORRECTED
TEST NO.:6					
Depth : 4589.0 ft-kb					
-1ST HYDROSTATIC	0.0	2.046	2261.48	1.45	2262.92
-5:00 1ST FLOW	0.0	.110	126.20	-3.60	122.60
- 5:05	5.0	.110	126.20	-3.60	122.60
- 5:10	10.0	.108	124.00	-3.63	120.37
- 5:15	15.0	.108	124.00	-3.63	120.37
- 5:20	20.0	.108	124.00	-3.63	120.37
- 5:25	25.0	.107	122.89	-3.64	119.26
- 5:30	30.0	.104	119.58	-3.67	115.91
-5:30 END FLOW	0.0	.104	119.58	-3.67	115.91
- 5:35	5.0	.117	133.92	-3.52	130.40
- 5:40	10.0	.188	212.23	-2.70	209.53
- 5:45	15.0	.267	299.36	-1.78	297.58
- 5:50	20.0	.357	398.63	-.74	397.89
- 5:55	25.0	.432	481.35	.14	481.48
- 6:00	30.0	.497	553.04	.89	553.93
-6:00 1ST SHUT-IN	0.0	.497	553.04	.89	553.93
-6:00 2ND FLOW	0.0	.107	122.89	-3.64	119.26
- 6:05	5.0	.107	122.89	-3.64	119.26
- 6:10	10.0	.107	122.89	-3.64	119.26
- 6:15	15.0	.103	118.48	-3.68	114.80
- 6:20	20.0	.102	117.38	-3.70	113.68
- 6:25	25.0	.100	115.17	-3.72	111.45
- 6:30	30.0	.100	115.17	-3.72	111.45
-6:30 END FLOW	0.0	.100	115.17	-3.72	111.45
- 6:35	5.0	.108	124.00	-3.63	120.37
- 6:40	10.0	.143	162.60	-3.22	159.38
- 6:45	15.0	.200	225.47	-2.56	222.91
- 6:50	20.0	.257	288.33	-1.90	286.44
- 6:55	25.0	.317	354.51	-1.20	353.31
- 7:00	30.0	.365	407.45	-.64	406.81
-7:00 2ND SHUT-IN	0.0	.365	407.45	-.64	406.81
- 7:00	0.0	2.041	2255.96	1.42	2257.39
- 7:00	0.0	2.001	2211.84	1.26	2213.11
-2ND HYDROSTATIC	0.0	2.041	2255.96	1.42	2257.39