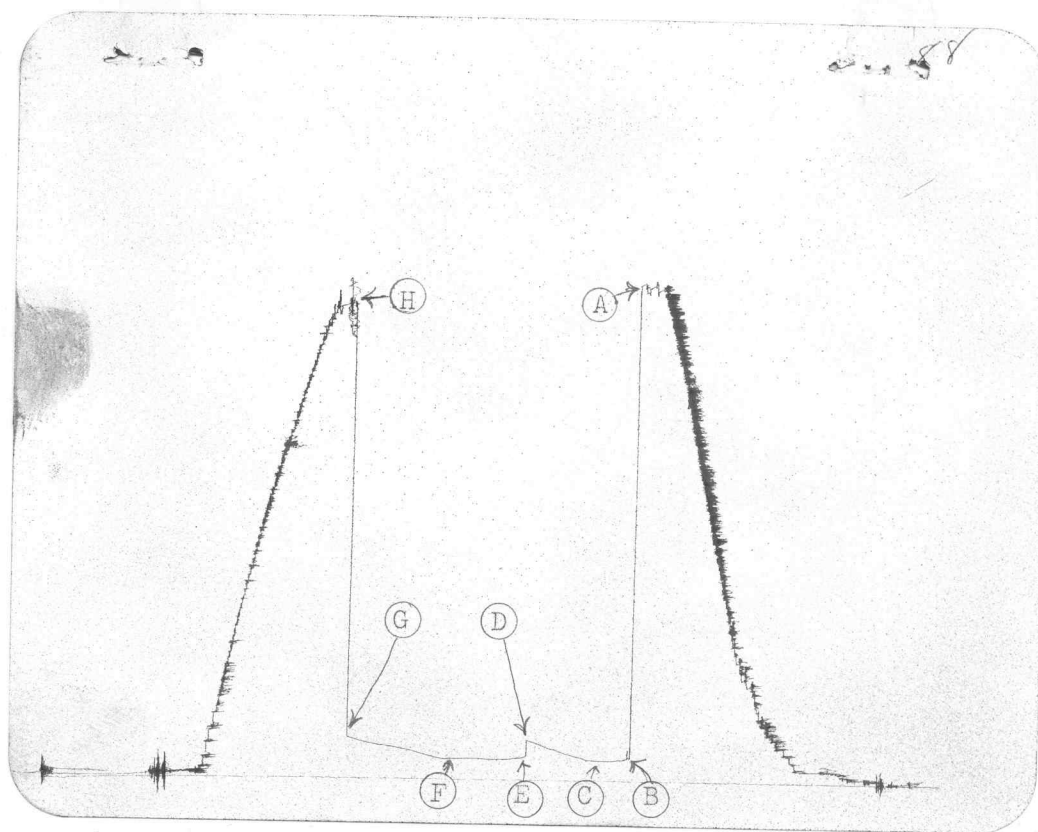




This is an actual photograph of recorder chart.

POINT	PRESSURE		
	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	<u>2809</u>	<u>2852</u>	P.S.I.
(B) First Initial Flow Pressure	<u>133</u>	<u>140</u>	P.S.I.
(C) First Final Flow Pressure	<u>133</u>	<u>120</u>	P.S.I.
(D) Initial Closed-in Pressure	<u>222</u>	<u>234</u>	P.S.I.
(E) Second Initial Flow Pressure	<u>133</u>	<u>143</u>	P.S.I.
(F) Second Final Flow Pressure	<u>133</u>	<u>119</u>	P.S.I.
(G) Final Closed-in Pressure	<u>234</u>	<u>239</u>	P.S.I.
(H) Final Hydrostatic Mud	<u>2699</u>	<u>2727</u>	P.S.I.

SUPERIOR TESTERS ENTERPRISES INC.

WELL IDENTIFICATION DATA

COMPANY : NATIONAL PET.RESERVES INC.WELL NAME : PHILLIPS #1
ADDRESS : 250 N.ROCK ROAD,WICHITA LOCATION : C-NE-SE 27-32S-29W
STATE & COUNTY : KANSAS,MEADE FIELD :
ELEV.(GR) : 2680 (KB) : 2689 TEST DATE : 7-8-1994

EQUIPMENT AND HOLE DATA

FORMATION TESTED : MORROW	DRILL PIPE LENGTH(ft) : 4975
TEST INT. KB : 5608 to 5710	DRILL PIPE O.D.(in) : 3.82
ANCHOR LENGTH(ft) : 102	WEIGHT PIPE LENGTH(ft) :
TYPE OF TEST : Conventional	WEIGHT PIPE ID : 2.75
TOTAL DEPTH(ft-kb) : 5710	DRILL COLLAR LENGTH(ft) : 607
MAIN HOLE SIZE(in) : 7 7/8	DRILL COLLAR I.D.(in) : 2.259
MUD WEIGHT : 9.1	TOP PACKER DEPTH(kb) : 5603
MUD VISCOSITY : 47	BOTTOM PACKER DEPTH(kb) : 5806
MUD CHLORIDES : 4000	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) : 134	TEST TICKET NUMBER : 11151

EXTRA EQUIPMENT : -JARS -SAFETY JOINT

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

SURFACE BLOW

1st Opening : WEAK BLOW BUILT TO 6 1/2 INCHES INTO THE WATER
2nd Opening : WEAK BUILT TO 3 1/2 DECREASED TO WEAK SURFACE BLOW

RECOVERY

Recovered 40 feet of DRILLING MUD NO SHOWS OF GAS

REMARKS :

WITNESSED BY : CRAIG CAULK TOOL OPERATOR : GENE BUDIG

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES INC.

SUPERIOR TESTERS ENTERPRISES INC.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : NATIONAL PET.RESERVES INC.WELL NAME : PHILLIPS #1
 DATE OF TEST : 7-8-1994 LOCATION : C-NE-SE 27-32S-29W
 DEPTH : 5704.0 SERIAL NO. : 11088

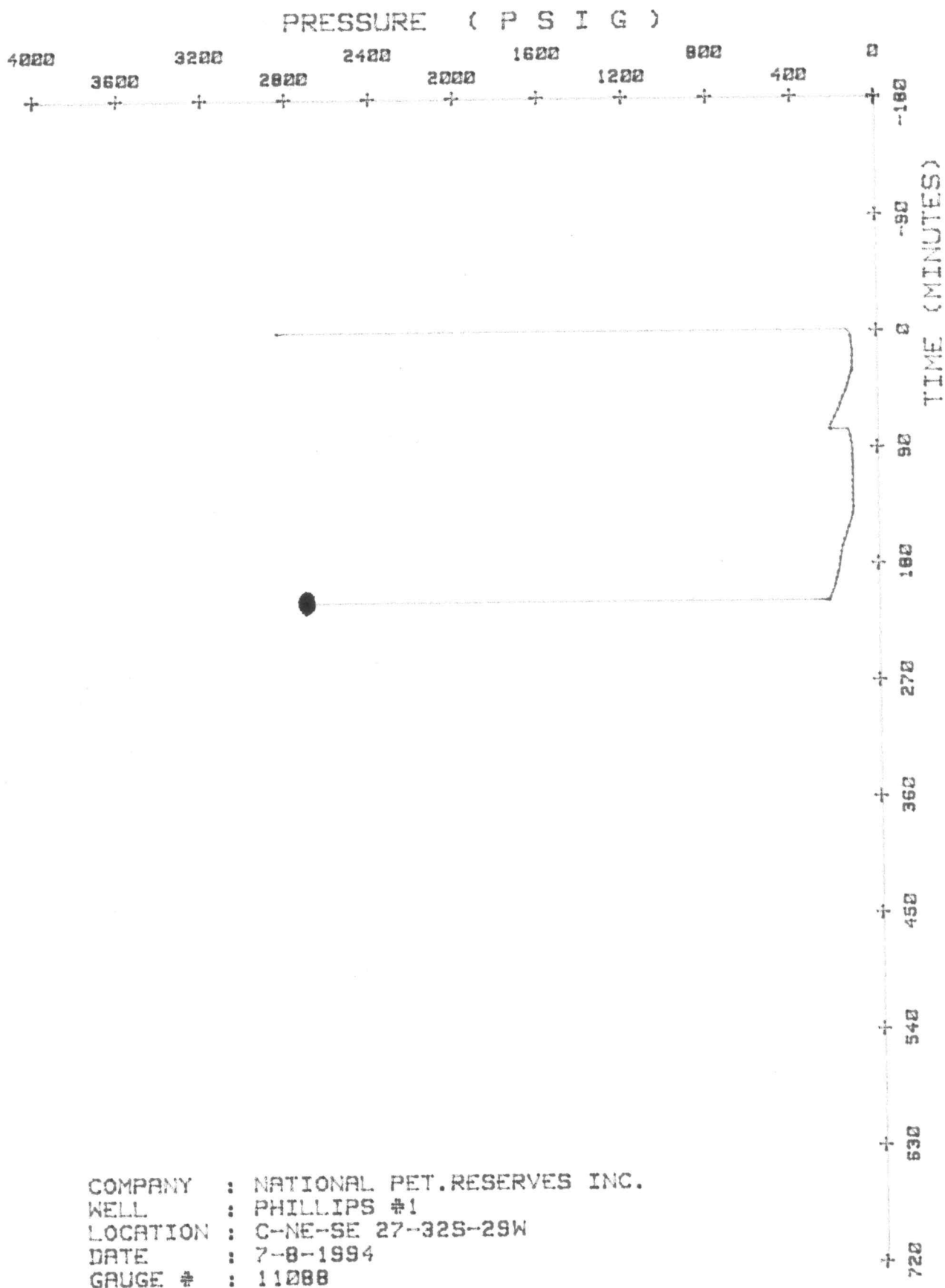
COMMENTS	TIME min	DEFL in	PRESSURE PSIG		
			----- CALC	CORR	CORRECTED
TEST NO.:1					
Depth : 5704.0 ft-kb					
-1ST HYDROSTATIC	0.0	2.579	2849.34	3.32	2852.66
-9:45 1ST FLOW	0.0	.126	143.85	-3.42	140.43
- 9:50	5.0	.113	129.51	-3.57	125.94
- 9:55	10.0	.111	127.31	-3.59	123.71
- 10:00	15.0	.107	122.89	-3.64	119.26
- 10:05	20.0	.107	122.89	-3.64	119.26
- 10:10	25.0	.107	122.89	-3.64	119.26
- 10:15	30.0	.109	125.10	-3.61	121.48
- 10:17	32.0	.108	124.00	-3.63	120.37
-10:17 END FLOW	0.0	.108	124.00	-3.63	120.37
- 10:22	5.0	.122	139.44	-3.46	135.97
- 10:27	10.0	.129	147.16	-3.38	143.78
- 10:32	15.0	.139	158.19	-3.27	154.92
- 10:37	20.0	.151	171.42	-3.13	168.30
- 10:42	25.0	.162	183.55	-3.00	180.56
- 10:47	30.0	.172	194.58	-2.88	191.70
- 10:52	35.0	.186	210.02	-2.72	207.30
- 10:57	40.0	.200	225.47	-2.56	222.91
- 11:02	45.0	.210	236.50	-2.44	234.05
-11:02 1ST SHUT-IN	0.0	.210	236.50	-2.44	234.05
-11:02 2ND FLOW	0.0	.129	147.16	-3.38	143.78
- 11:07	5.0	.117	133.92	-3.52	130.40
- 11:12	10.0	.114	130.61	-3.56	127.06
- 11:17	15.0	.110	126.20	-3.60	122.60
- 11:22	20.0	.110	126.20	-3.60	122.60
- 11:27	25.0	.109	125.10	-3.61	121.48
- 11:32	30.0	.109	125.10	-3.61	121.48
- 11:37	35.0	.111	127.31	-3.59	123.71
- 11:42	40.0	.111	127.31	-3.59	123.71
- 11:47	45.0	.111	127.31	-3.59	123.71
- 11:52	50.0	.110	126.20	-3.60	122.60
- 11:57	55.0	.110	126.20	-3.60	122.60
- 12:02	60.0	.107	122.89	-3.64	119.26
-12:02 END FLOW	0.0	.107	122.89	-3.64	119.26
- 12:07	5.0	.112	128.41	-3.58	124.83
- 12:12	10.0	.120	137.23	-3.49	133.74
- 12:17	15.0	.129	147.16	-3.38	143.78
- 12:22	20.0	.138	157.08	-3.28	153.81
- 12:27	25.0	.148	168.11	-3.16	164.95
- 12:32	30.0	.155	175.83	-3.08	172.75

SUPERIOR TESTERS ENTERPRISES INC.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : NATIONAL PET.RESERVES INC.WELL NAME : PHILLIPS #1
 DATE OF TEST : 7-8-1994 LOCATION : C-NE-SE 27-32S-29W
 DEPTH : 5704.0 SERIAL NO. : 11088

COMMENTS	TIME min	DEFL in	----- CALC	PRESSURE PSIG CORR	----- CORRECTED
TEST NO.:1					
- 12:37	35.0	.162	183.55	-3.00	180.56
- 12:42	40.0	.168	190.17	-2.93	187.24
- 12:47	45.0	.172	194.58	-2.88	191.70
- 12:52	50.0	.176	199.00	-2.84	196.16
- 12:57	55.0	.183	206.72	-2.76	203.96
- 13:02	60.0	.190	214.44	-2.67	211.76
- 13:07	65.0	.200	225.47	-2.56	222.91
- 13:12	70.0	.211	237.60	-2.43	235.17
- 13:14	72.0	.215	242.01	-2.38	239.63
-1:14 2ND SHUT-IN	0.0	.215	242.01	-2.38	239.63
-2ND HYDROSTATIC	0.0	2.466	2724.71	3.15	2727.85



Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 7-8-1994 Location C-NE-SE 27-32-29^N Elevation 2689 K.B. County MERDE

Company NATIONAL PETROLEUM RESERVES INC. Number of Copies 5

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

Drilling Contractor BEREDCO INC RIG #2

Length Drill Pipe 4975 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 607 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X.H.

Top Packer Depth 5603 Bottom Packer Depth 5608 Number of Packers 2 Packer Size 6 3/4

TESTED FROM 5608 TO 5710 ANCHOR LENGTH 102 TOTAL DEPTH 5710 Hole Size 7 7/8

LEASE & WELL NO. Phillips #1 FORMATION TESTED Morrow TEST NO. 1

Mud Weight 9.4 Viscosity 47 Water Loss 9.4 Chlorides - Pits 4000 D.S.T.

Maximum Temp. 134 °F Initial Hydrostatic Pressure (A) 2809 P.S.I. Final Hydrostatic Pressure (H) 2699 P.S.I.

Tool Open I.F.P. from 9:45 P.m to 10:15 P.m 30 min

Tool Closed I.C.I.P. from 10:15 P.m to 11:00 P.m 45 min

Tool Open F.F.P. from 11:00 P.m to 12:00 A.m 60 min

Tool Closed F.C.I.P. from 12:00 A.m to 1:15 A.m 75 min

Initial Blow WEAK building blow-built to 6 inches into the water

Final Blow WEAK blow built to 3 1/2 inches DECREASED to a VERY WEAK SURFACE

Total Feet Recovered 40 Gravity of Oil Corrected

40 Feet of Drilling Mud no shows of GAS %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

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. 47441 Depth 5704 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 11087 Clock No. 47442 Depth 5707 Insurance NONE

Price of Job

Tool Operator Jane Rudy

Approved By

No 11151

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.