Superior Testers Enterprises, Inc.

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

Date 12 5 91 Location NE SW SW 14-9S-26W Elevation 2660 KD County Sheridan

Company N.P.R. INC Number of Copies 5

Charts Mailed to 250 N. ROCK Rd. Suite 340, WICHITA Ks. 67206

Drilling Contractor EMPHASIS OIL OPERATIONS

Length Drill Pipe 4027 I.D. Drill Pipe _____ Tool Joint Size _____

Length Weight Pipe _____ I.D. Weight Pipe _____ Tool Joint Size _____

Length Drill Collars _____ I.D. Drill Collars _____ Tool Joint Size _____

Top Packer Depth 4051 Bottom Packer Depth 4056 Number of Packers TWO Packer Size 6 3/4

TESTED FROM 4056 TO 4129 ANCHOR LENGTH 73 TOTAL DEPTH 4129 Hole Size 7 7/8

LEASE & WELL NO. POPP 1 FORMATION TESTED _____ TEST NO. 1

Mud Weight 9.1 Viscosity 44 Water Loss 10.4 Chlorides - Pits 2,000 D.S.T. _____

Maximum Temp. 109 °F Initial Hydrostatic Pressure (A) 1995 P.S.I. Final Hydrostatic Pressure (H) 1978 P.S.I.

Tool Open I.F.P. from 11 15 m to 11 30 m 15 min

Tool Closed I.C.I.P. from 11 30 m to 11 45 m 15 min

Tool Open F.F.P. from 11 45 m to 12 00 m 15 min

Tool Closed F.C.I.P. from 12 00 m to 12 15 m 15 min

from [B]	67	P.S.I. to [C]	57 P.S.I.
[D]	57		P.S.I.
from [E]	57	P.S.I. to [F]	57 P.S.I
[G]	57		P.S.I.

Initial Blow WEAK BLOW off TOP Died 8"

Final Blow NO BLOW FLUSH TOOL WEAK BLOW Died 1"

Total Feet Recovered 5' Drilling MUD Gravity of Oil _____ Corrected

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

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

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

Remarks _____

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

Top Recorder No. 13214 Clock No. 27915 Depth 4123 Cir. Sub _____ Sampler NONE

Bottom Recorder No. 13203 Clock No. 13573 Depth 4126 Insurance N/A

Price of Job _____

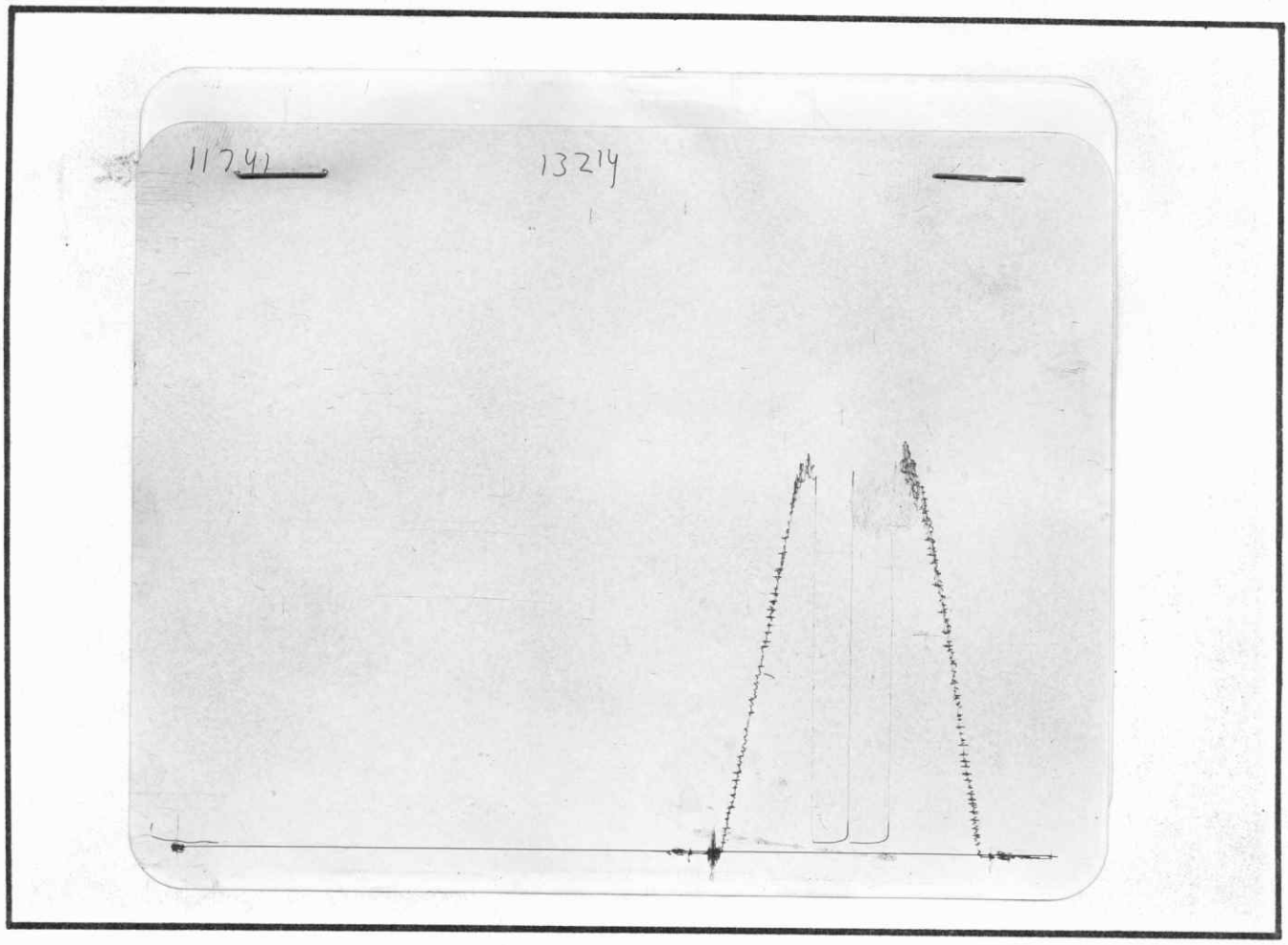
Tool Operator PATRICK STEVENSON

Approved By _____

No 11741

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.

COMPANY National Pet. Reserve LEASE- WELL NO Popp #1 SEC 14 TWP 9s RGE. 26w TEST NO. 1 DATE 12-5-1991



This is an actual photograph of recorder chart.

POINT		PRESSURE FIELD READING	PRESSURE OFFICE READING	
(A)	Initial Hydrostatic Mud	1995	1980	P.S.I.
(B)	First Initial Flow Pressure	67	65	P.S.I.
(C)	First Final Flow Pressure	57	46	P.S.I.
(D)	Initial Closed-in Pressure	57	48	P.S.I.
(E)	Second Initial Flow Pressure	57	41	P.S.I.
(F)	Second Final Flow Pressure	57	47	P.S.I.
(G)	Final Closed-in Pressure	57	47	P.S.I.
(H)	Final Hydrostatic Mud	1978	1959	P.S.I.

SUPERIOR TESTERS ENTERPRISES INC.

WELL IDENTIFICATION DATA

COMPANY : NATIONAL PET.RESERVES INC. WELL NAME : POPP #1
ADDRESS : 250 N.ROCK ROAD ,WICHITA LOCATION : NE-SW-SW 14-9S-26W
STATE & COUNTY : KANSAS,SHERIDAN FIELD :
ELEV.(GR) : 2655 (KB) : 2660 TEST DATE : 12-5-1991

EQUIPMENT AND HOLE DATA

FORMATION TESTED : LANSING KANSAS CI
TEST INT. KB : 4056 to 4129
ANCHOR LENGTH(ft) : 73
TYPE OF TEST : Conventional
TOTAL DEPTH(ft-kb) : 4129
MAIN HOLE SIZE(in) : 7 7/8
MUD WEIGHT : 9.1
MUD VISCOSITY : 44
MUD CHLORIDES : 2000
SURFACE CHOKE : 3/4
BOTTOM CHOKE(in) : 3/4
TOOL SIZE(O.D.) : 5 1/2
TOOL JOINT SIZE(F.H.) : 4 1/2
RESERVOIR TEMPERATURE(F) : 109

DRILL PIPE LENGTH(ft) : 4027
DRILL PIPE O.D.(in) : 3.82
WEIGHT PIPE LENGTH(ft) :
WEIGHT PIPE ID : 2.75
DRILL COLLAR LENGTH(ft) :
DRILL COLLAR I.D.(in) : 2.259
TOP PACKER DEPTH(kb) : 4051
BOTTOM PACKER DEPTH(kb) : 4056
DUAL PACKERS :
PACKER SIZE(in) : 6 3/4
PACKER HOLD : Yes
TOOL PLUG : No
REVERSED OUT : No
TEST TICKET NUMBER : 11741

EXTRA EQUIPMENT : -JARS -SAFETY JOINT

ELEMENT SERIAL NO. : 13214
RANGE : 0 - 3825 CLOCK RANGE : 12 HOURS
CAL. EQU. : 971.31 * Defl. - .01

SURFACE BLOW

1st Opening : WEAK BLOW DIED IN 8 MINUTES
2nd Opening : NO BLOW

RECOVERY

Recovered 5 feet of DRILLING MUD

REMARKS :

WITNESSED BY : CRAIG CAULK TOOL OPERATOR : PAT STEVENSON

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES INC.

SUPERIOR TESTERS ENTERPRISES INC.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : NATIONAL PET.RESERVES INC. WELL NAME : POPP #1
DATE OF TEST : 12-5-1991 LOCATION : NE-SW-SW 14-9S-26W
DEPTH : 4123.0 SERIAL NO. : 13214

COMMENTS	TIME min	DEFL in	PRESSURE PSIG CALC	CORR	CORRECTED
TEST NO.:1					
Depth : 4123.0 ft-kb					
-1ST HYDROSTATIC	0.0	2.062	2002.84	-21.96	1980.88
- 0:00	0.0	.067	65.07	-.40	64.67
- 0:05	5.0	.060	58.27	-.36	57.92
- 0:10	10.0	.052	50.50	-.31	50.19
- 0:15	15.0	.047	45.64	-.28	45.37
- 0:20	20.0	.048	46.62	-.28	46.33
- 0:16	16.0	.048	46.62	-.28	46.33
-11:31 END FLOW	0.0	.048	46.62	-.28	46.33
- 11:36	5.0	.048	46.62	-.28	46.33
- 11:41	10.0	.048	46.62	-.28	46.33
- 11:46	15.0	.050	48.56	-.30	48.26
-11:45 1ST SHUT-IN	0.0	.050	48.56	-.30	48.26
-11:46 2ND FLOW	0.0	.043	41.76	-.25	41.51
- 11:51	5.0	.067	65.07	-.40	64.67
- 11:56	10.0	.054	52.44	-.32	52.12
- 12:01	15.0	.049	47.59	-.29	47.30
-12:01 END FLOW	0.0	.049	47.59	-.29	47.30
- 12:06	5.0	.049	47.59	-.29	47.30
- 12:11	10.0	.049	47.59	-.29	47.30
- 12:16	15.0	.049	47.59	-.29	47.30
-12:16 2ND SHUT-IN	0.0	.049	47.59	-.29	47.30
-2ND HYDROSTATIC	0.0	2.029	1970.78	-21.45	1949.33