

Contractor Landis Drilling Co.
Rig No. 2
Spot 1980' FWL & 660' FNL
Sec. 22
Twp. 14 S
Rng. 34 E
Field Wildcat
County Lea
State New Mexico
Elevation 1570' KB
Formation Wolfcamp

Top Choke 1/2" & 1/4"
Bottom Choke 1"
Size Hole 7 7/8"
Size Rat Hole --
Size & Wt. D. P. 4 1/2"
Size Wt. Pipe --
I. D. of D. C. 2 1/4"
Length of D. C. 417'
Total Depth 10,800'
Interval Tested 10,538-10,593'
Type of Test Inflate
Straddle

Flow No. 1 30 Min.
Shut-in No. 1 60 Min.
Flow No. 2 37 Min.
Shut-in No. 2 60 Min.
Flow No. 3 -- Min.
Shut-in No. 3 -- Min.

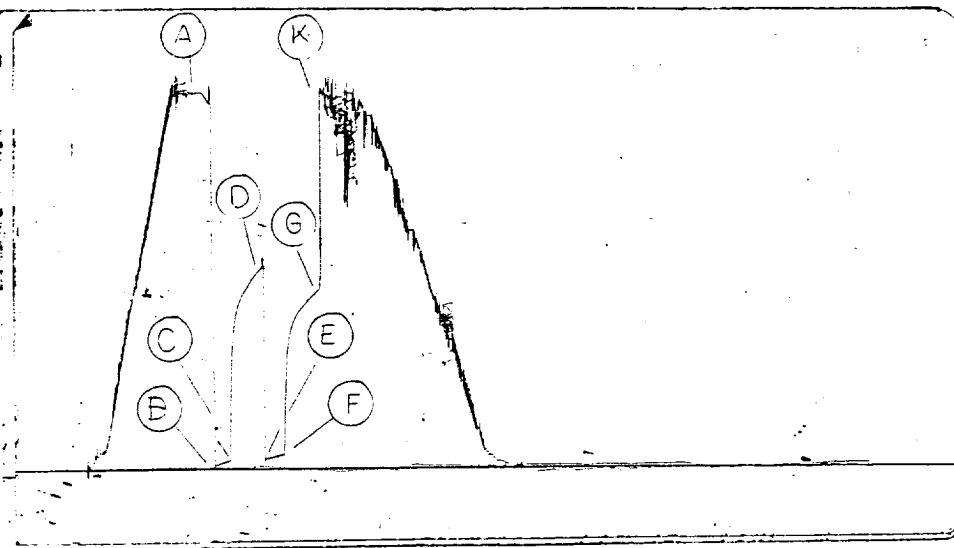
Bottom
Hole Temp. 170°F
Mud Weight 9.5
Gravity --
Viscosity 33

Tool opened @ 6:23 pm

Outside Recorder

PRD Make Kuster K-3
No. 22722 Cap. 6625 @ 10546'
Press

	Press	Corrected
Initial Hydrostatic	A	5243
Final Hydrostatic	K	5232
Initial Flow	B	38
Final Initial Flow	C	107
Initial Shut-in	D	2768
Second Initial Flow	E	129
Second Final Flow	F	184
Second Shut-in	G	2458
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--



Lynes Dist.: Hobbs, NM
Our Tester: Steve McKinney
Witnessed By: Bob Johnson

Did Well Flow - Gas NO Oil NO Water NO
RECOVERY IN PIPE: 60' Drilling fluid = .29 bbl.

Top Sample R.W.: .2 @ 45°F = 49,000 ppm. Cl.
Bottom Sample R.W.: .2 @ 45°F = 49,000 ppm. Cl.

Blow description:

1st flow: Tool opened with no blow and remained thru flow period.
2nd flow: Tool opened with no blow and remained thru flow period.

Operator Clements Energy, Inc.
Address See Distribution
Ticket No. 40950
Date 2-5-83
No. Final Copies 6

DST NUMBER: 002

RECORDER NUMBER: 022722

INTERVAL TESTED: 10538FT TO 10593FT

RECORDER DEPTH: 10546.000 FT

TOTAL FLOW TIME: 30.0MIN

FIRST SHUT IN PRESSURE (LIQUID)

TIME (MIN)	(T+PHI)	PRESSURE
PHI	/PHI	(PSI)
.0	.0000	107.0
1.0	31.0000	515.0
2.0	16.0000	982.0
3.0	11.0000	1332.0
4.0	8.5000	1552.0
5.0	7.0000	1688.0
6.0	6.0000	1778.0
7.0	5.2857	1858.0
8.0	4.7500	1927.0
9.0	4.3333	1991.0
10.0	4.0000	2043.0
12.0	3.5000	2118.0
14.0	3.1429	2190.0
16.0	2.8750	2245.0
18.0	2.6667	2292.0
20.0	2.5000	2325.0
22.0	2.3636	2359.0
24.0	2.2500	2386.0
26.0	2.1538	2411.0
28.0	2.0714	2435.0
30.0	2.0000	2457.0
35.0	1.8571	2516.0
40.0	1.7500	2583.0
45.0	1.6667	2638.0
50.0	1.6000	2688.0
55.0	1.5455	2729.0
60.0	1.5000	2768.0

BOTH SHUT-IN PRESSURE BUILD-UP CURVES HAVE BEEN INCREMENTED AND PLOTTED, BUT EXTRAPOLATED PRESSURES HAVE NOT BEEN MADE DUE TO INSUFFICIENT CHARACTER OF THE BUILD-UP CURVES.

DST NUMBER: 002

RECORDER NUMBER: 022722

INTERVAL TESTED: 10538FT TO 10593FT

RECORDER DEPTH: 10546.000 FT

TOTAL FLOW TIME: 67.0MIN

SECOND SHUT IN PRESSURE (LIQUID)

TIME (MIN)	(T+PHI)	PRESSURE
PHI	/PHI	(PSI)
.0	.0000	184.0
1.0	68.0000	290.0
2.0	34.5000	548.0
3.0	23.3333	818.0
4.0	17.7500	1081.0
5.0	14.4000	1296.0
6.0	12.1667	1442.0
7.0	10.5714	1566.0
8.0	9.3750	1646.0
9.0	8.4444	1723.0
10.0	7.7000	1781.0
12.0	6.5833	1869.0
14.0	5.7857	1930.0
16.0	5.1875	1977.0
18.0	4.7222	2021.0
20.0	4.3500	2063.0
22.0	4.0455	2093.0
24.0	3.7917	2121.0
26.0	3.5769	2144.0
28.0	3.3929	2168.0
30.0	3.2333	2190.0
35.0	2.9143	2235.0
40.0	2.6750	2281.0
45.0	2.4889	2328.0
50.0	2.3400	2375.0
55.0	2.2182	2417.0
60.0	2.1167	2458.0

HORNER PLOT

WELL NAME: M.C.F. NEW MEXICO STATE 1

LOCATION:

TEST NO: 002

REC NO: 022722

SHUT-IN

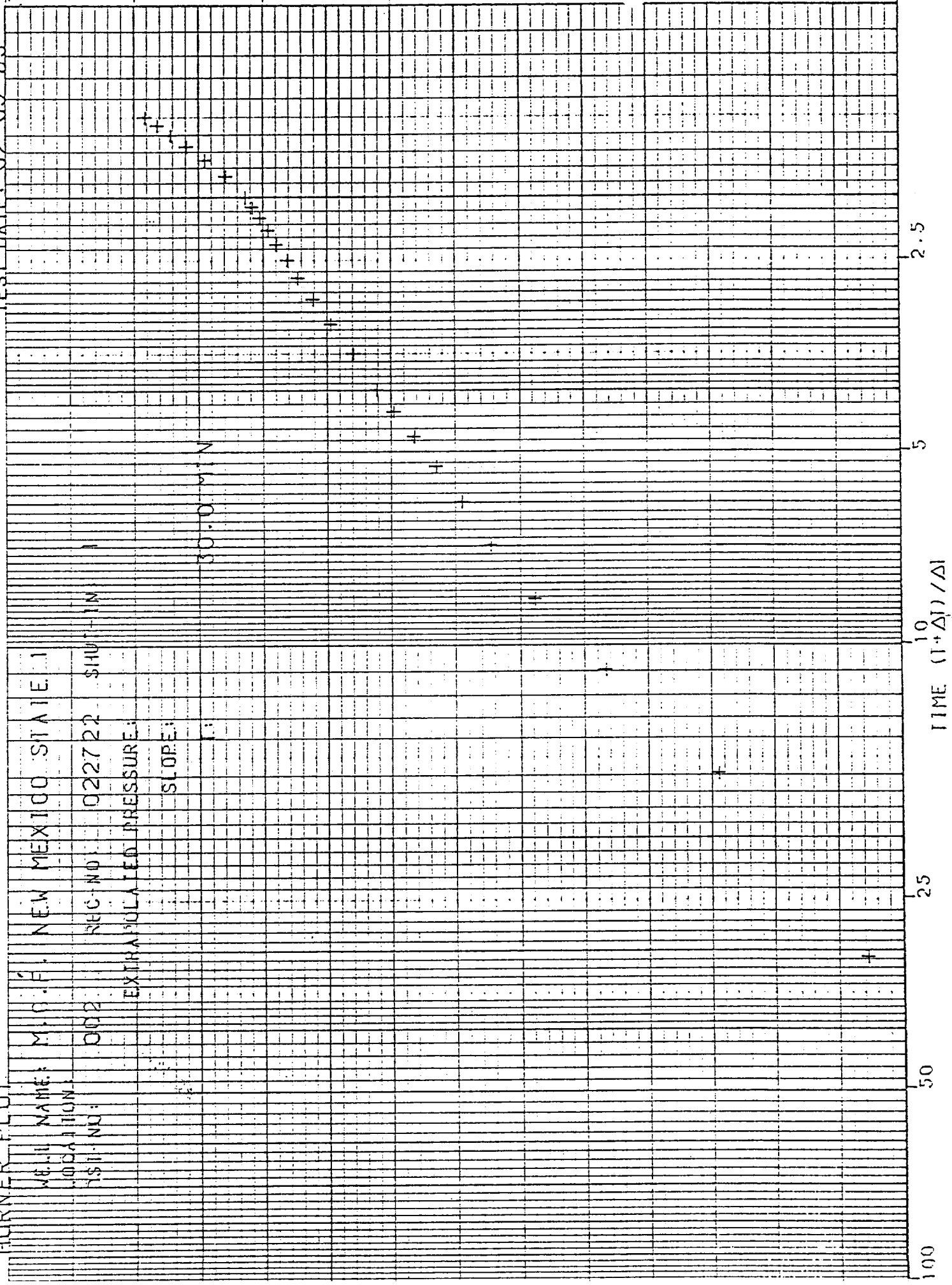
EXTRAPOLATED PRESSURE:

SLOPE:

1:

30.0 MIN

TEST DATE: 02 05 83



HORNER PLOT

TEST DATE: 02 05 83

WELL NAME: M.C.F. NEW MEXICO STATE 1

LOCATION:

DST. NO:

002

REC. NO:

022722

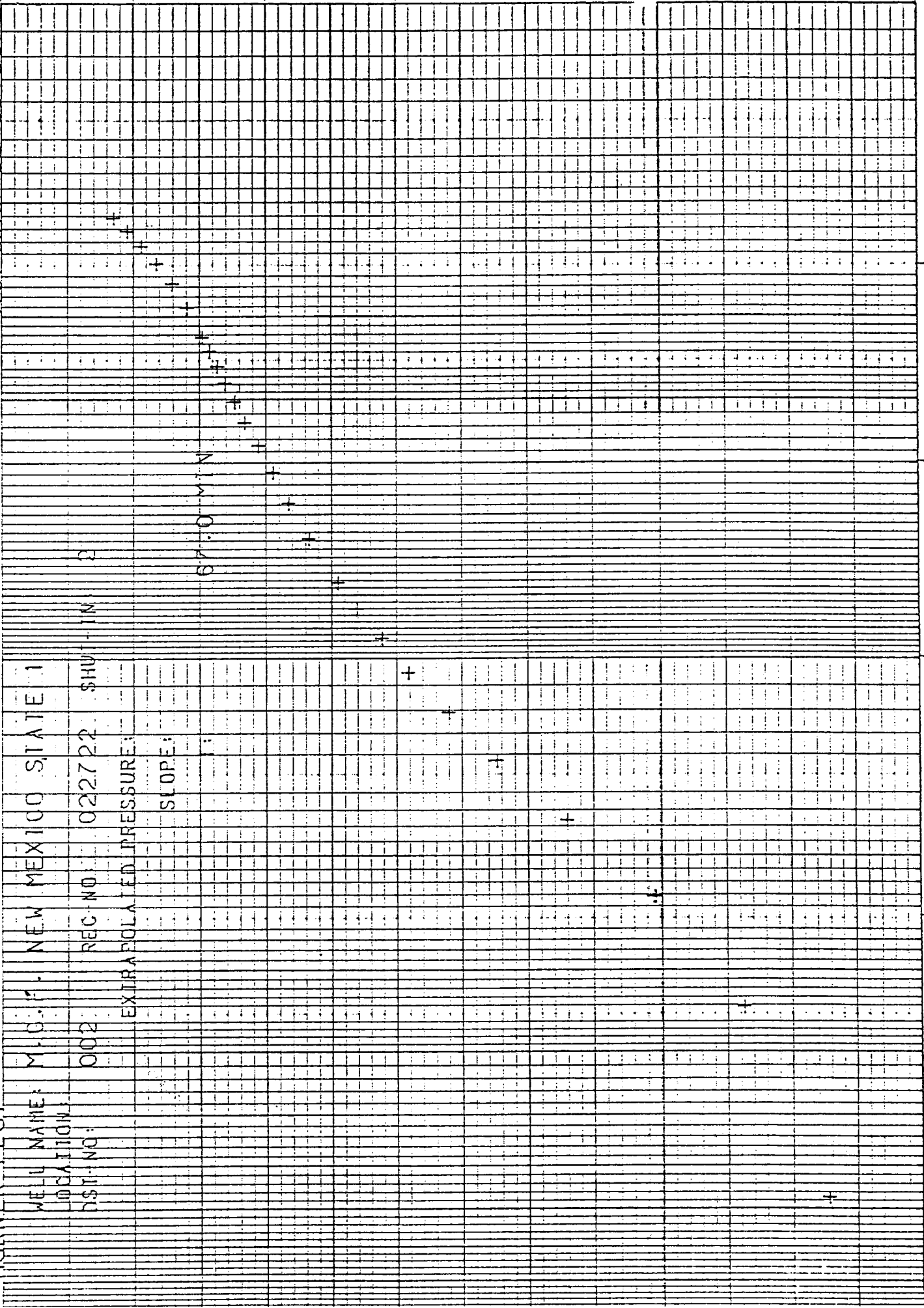
SHUT-IN

2

EXTRAPOLATED PRESSURE:

SLOPE:

67.0 MIN



100

50

25

TIME (1+Δt)/Δt

10

5

2.5

0

400

800

1200

1600

2000

2400

LYNES, INC.

Sampler Report

Company Clements Energy, Inc. Date 2-5-83
Well Name & No. M.G.F. New Mexico State #1 Ticket No. 40950
County Lea State New Mexico
Test Interval 10,538-10,593' DST No. 2

Total Volume of Sampler: 2000 cc.
Total Volume of Sample: 50 cc.
Pressure in Sampler: 20 psig
Oil: None cc.
Water: 50 Sulfur water cc.
Mud: None cc.
Gas: None cu. ft.
Other: None
Sample: 72,000 ppm. Cl.

Resistivity

Make Up Water _____ @ _____ Salinity Content _____ ppm.
Mud Pit Sample _____ @ _____ Salinity Content 48,000 ppm.
Gas/Oil Ratio _____ Gravity _____ °API @ _____ °F
Where was sample drained On location

Remarks: _____

RECEIVED
MAR 25 1983
O.C.D.
HOBBS OFFICE

LYNES, INC.

Distribution of Final Reports

Clements Energy, Incorporated
Operator

M.G.F. New Mexico State #1
Well Name and No.

Original &

1 Copy: Clements Energy, Incorporated, P. O. Box 20500, Oklahoma City, OK
73156 Attn: Bill Gillin

2 Copies: Barnes, Eimers & Newkumet, P. O. Box 3758, Midland, TX 79703

2 Copies: Forward Oil & Gas, 5550 Northwestern, Suite 1008, First Western Plaza,
Oklahoma City, OK 73154