

Sun Oil Well Cementing, Inc.

DRILL STEM TEST DATA

P.O. Box 169

Great Bend, Kansas 67530

Lease	Wondra	Well No.	2	Date	5-12-80
County	Barton	Sec.	18	Twp.19s	Rng.12w
Company	L. G. Stephenson			Test No.	1
Contractor	Red Tiger Drilling #4			Zone Tested	Topeka
Charge To	L. G. Stephenson			Ticket #	3786
Approved By	James W. spellman			Tester	Steve Jenkins

Initial Hydro Mud Press. 1534 P.S.I.

Initial Flow Press. 100 To 100 P.S.I. Initial Flow Period 45 Min.

Initial Shut-in Press. 916 P.S.I. Initial Shut-in 30 Min.

Final Flow Press. 116 To 116 P.S.I. Final Flow Period 45 Min.

Final Shut-in Press. 870 P.S.I. Final Shut-in 30 Min.

Final Hydro Mud Press. 1480 P.S.I. TIME TOOL OPEN 2:00 a.m.

Temperature 100

Mud Weight 9.8 Viscosity 38

Fluid Loss 10.0

Interval Tested 2989 To 3025

Top Packer Depth 2984 Surface Choke Size

Bottom Packer Depth 2989 Bottom Choke Size 5/8

Total Depth 3025 Main Hole Size 7 7/8

Drill Pipe Size 4 1/2 Xh Wt 4 1/2 XH Rubber Size 6 3/4

Drill Collar I.D. 2.25 Ft. Run None

Blow 1st Opening: Fair blow (3")

2nd Opening: Fair blow (3") through out

Recovery 60' mud

120' oil stained mud

Slid tool 8' after opening- picked up tool & picked up anchor joint

Sun Oil Well Cementing, Inc.

DRILL STEM TEST DATA

P.O. Box 169

Great Bend, Kansas 67530

Lease	Wondra	Well No.	2	Date	5-13-80
County	Barton	Sec.	18	Twp.	19s Rng. 12w
Company	L. G. Stephenson			Test No.	2
Contractor	Red Tiger Drilling #4			Zone Tested	KC
Charge To	L. G. Stephenson			Ticket #	3787
Approved By	James W. Spellman			Tester	Steve Jenkins

Initial Hydro Mud Press. 1718 P.S.I.

Initial Flow Press. 82 To 82 P.S.I. Initial Flow Period 60 Min.

Initial Shut-in Press. 595 P.S.I. Initial Shut-in 45 Min.

Final Flow Press. 103 To 103 P.S.I. Final Flow Period 60 Min.

Final Shut-in Press. 433 P.S.I. Final Shut-in 45 Min.

Final Hydro Mud Press. 1708 P.S.I. TIME TOOL OPEN 4:00 a.m.

Temperature 103

Mud Weight 9.9 Viscosity 42

Fluid Loss 11.2

Interval Tested 3197 To 3272

Top Packer Depth 3192 Surface Choke Size

Bottom Packer Depth 3197 Bottom Choke Size 5/8

Total Depth 3272 Main Hole Size 7 7/8

Drill Pipe Size 4 1/2 XH Wt 4 1/2 XH Rubber Size 6 3/4

Drill Collar I.D. 2.25 Ft. Run None

Blow 1st Opening: Weak to strong blow in 10 min.

2nd Opening: Strong blow

Recovery 20' gas cut mud (oil scum)

60' gassy slightly oil cut mud 1,094' gas in pipe

60' gassy oil cut mud (ground out 20% oil)

140' total fluid

Sun Oil Well Cementing, Inc.

DRILL STEM TEST DATA

P.O. Box 169

Great Bend, Kansas 67530

Lease	Wondra	Well No.	2	Date	5-13-80
County	Barton	Sec.	18	Twp.	19s Rng. 12w
Company	L. G. Stephenson			Elevation	
Contractor	Red Tiger Drilling #4			Test No.	3
Charge To	L. G. Stephenson			Zone Tested	KC
Approved By	James W. spellman			Ticket #	3788
				Tester	Steve Jenkins

Initial Hydro Mud Press. 1728 P.S.I.

Initial Flow Press. 47 To 30 P.S.I. Initial Flow Period 30 Min.

Initial Shut-in Press. 30 P.S.I. Initial Shut-in 30 Min.

Final Flow Press. 30 To 41 P.S.I. Final Flow Period 30 Min.

Final Shut-in Press. 37 P.S.I. Final Shut-in 30 Min.

Final Hydro Mud Press. 1718 P.S.I. TIME TOOL OPEN 4:50 p.m.

Temperature 103

Mud Weight 9.4 Viscosity 54

Fluid Loss 7.2

Interval Tested 3264 To 3287

Top Packer Depth 3259 Surface Choke Size

Bottom Packer Depth 3264 Bottom Choke Size 5/8

Total Depth 3287 Main Hole Size 7 7/8

Drill Pipe Size 4 1/2 XH Wt 4 1/2 XH Rubber Size 6 3/4

Drill Collar I.D. 2.25 Ft. Run None

Blow 1st Opening: Very weak blow

2nd Opening: Surface blow - died in 5 min. - flushed tool, no help

Recovery 30' oil spotted mud

Sun Oil Well Cementing, Inc.

DRILL STEM TEST DATA

P.O. Box 169

Great Bend, Kansas 67530

Lease	Wondra	Well No.	2	Date	5-14-80
County	Barton	Sec.	18	Twp.	19s Rng. 12w
Company	L. G. Stephenson			Test No.	4
Contractor	Red Tiger Drilling #4			Zone Tested	KC
Charge To	L. G. Stephenson			Ticket #	3789
Approved By	James W. Spellman			Tester	Steve Jenkins

Initial Hydro Mud Press. 1779 P.S.I.

Initial Flow Press. 61 To 70 P.S.I. Initial Flow Period 60 Min.

Initial Shut-in Press. 826 P.S.I. Initial Shut-in 30 Min.

Final Flow Press. 92 To 92 P.S.I. Final Flow Period 60 Min.

Final Shut-in Press. 774 P.S.I. Final Shut-in 30 Min.

Final Hydro Mud Press. 1769 P.S.I. TIME TOOL OPEN 9:40 a.m.

Temperature 105

Mud Weight 10.1 Viscosity 44

Fluid Loss 11.8

Interval Tested 3334 To 3372

Top Packer Depth 3329 Surface Choke Size

Bottom Packer Depth 3334 Bottom Choke Size 5/8

Total Depth 3372 Main Hole Size 7 7/8

Drill Pipe Size 4 1/2 XH Wt 4 1/2 XH Rubber Size 6 3/4

Drill Collar I.D. 2.25 Ft. Run None

Blow 1st Opening: Very weak building to fair blow

2nd opening: fair blow throughout

Recovery 100' watery mud (oil spotted)

Sun Oil Well Cementing, Inc.

DRILL STEM TEST DATA

P.O. Box 169

Great Bend, Kansas 67530

Lease	Wondra	Well No.	2	Date	5-15-80
County	Barton	Sec. 18	Twp. 19s Rng. 12w	Elevation	
Company	L. G. Stephenson			Test No.	5
Contractor	Red Tiger Drilling #4			Zone Tested	KC
Charge To	L. G. Stephenson			Ticket #	3790
Approved By	J. W. Spellman			Tester	Steve Jenkins

Initial Hydro Mud Press. 1710 P.S.I.

Initial Flow Press. 68 To 78 P.S.I. Initial Flow Period 45 Min.

Initial Shut-in Press. 857 P.S.I. Initial Shut-in 30 Min.

Final Flow Press. 103 To 113 P.S.I. Final Flow Period 60 Min.

Final Shut-in Press. 795 P.S.I. Final Shut-in 30 Min.

Final Hydro Mud Press. 1708 P.S.I. TIME TOOL OPEN 2:55 a.m.

Temperature 107

Mud Weight 10.1 Viscosity 44

Fluid Loss 11.8

Interval Tested 3362 To 3433

Top Packer Depth 3357 Surface Choke Size

Bottom Packer Depth 3362 Bottom Choke Size 5/8

Total Depth 3433 Main Hole Size 7 7/8

Drill Pipe Size 4 1/2 XH Wt 4 1/2 Xh Rubber Size 6 3/4

Drill Collar I.D. 2.25 Ft. Run None

Blow 1st Opening: Weak increasing to fair blow

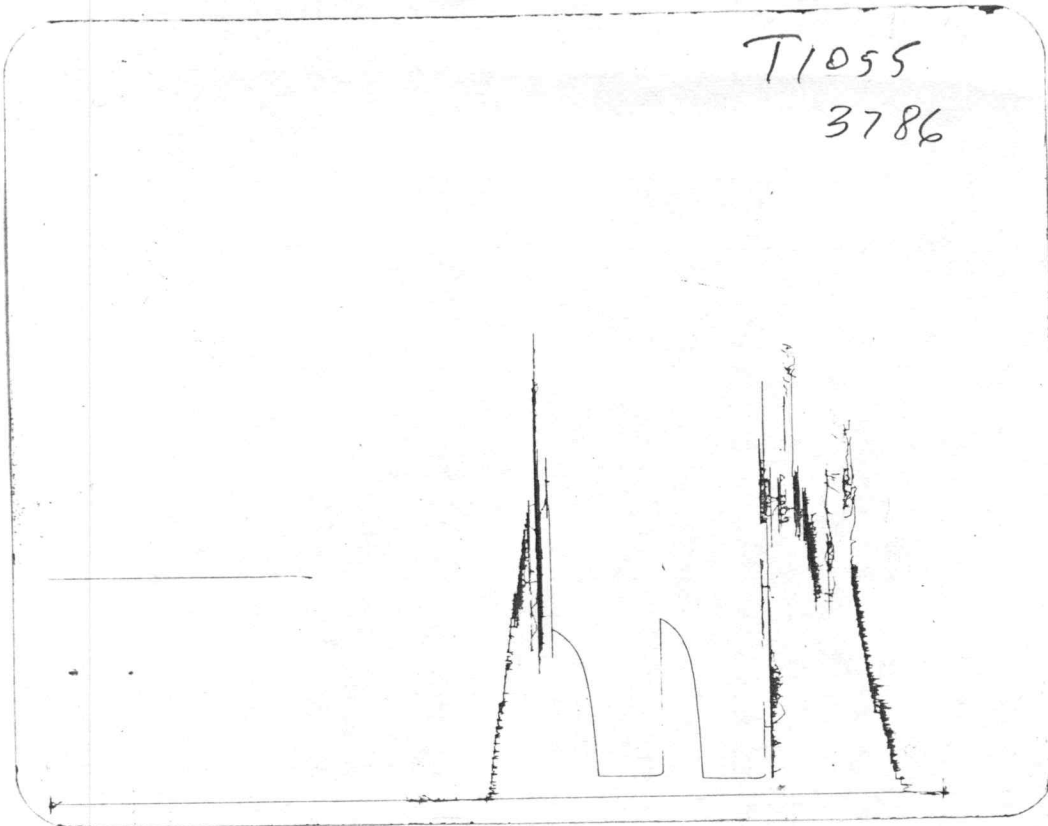
Second Opening: Fair blow

Recovery 160' gas in pipe

100' gassy oil spotted watery mud

TOP

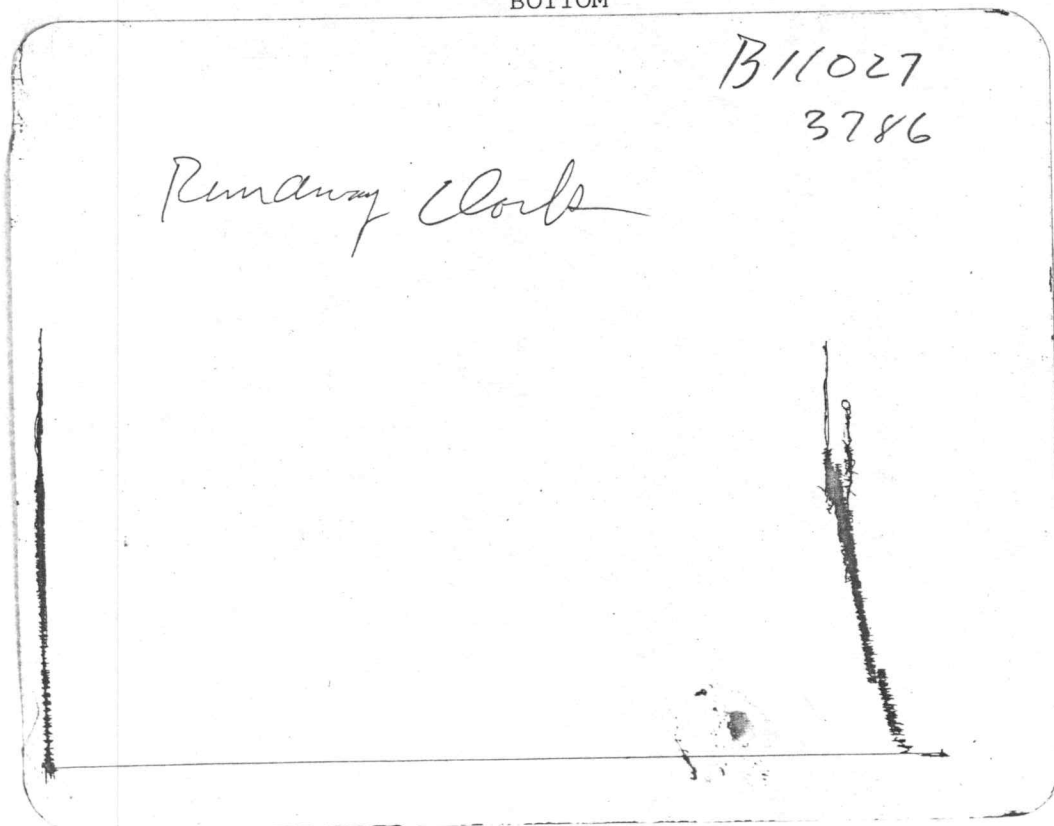
T1055
3786



BOTTOM

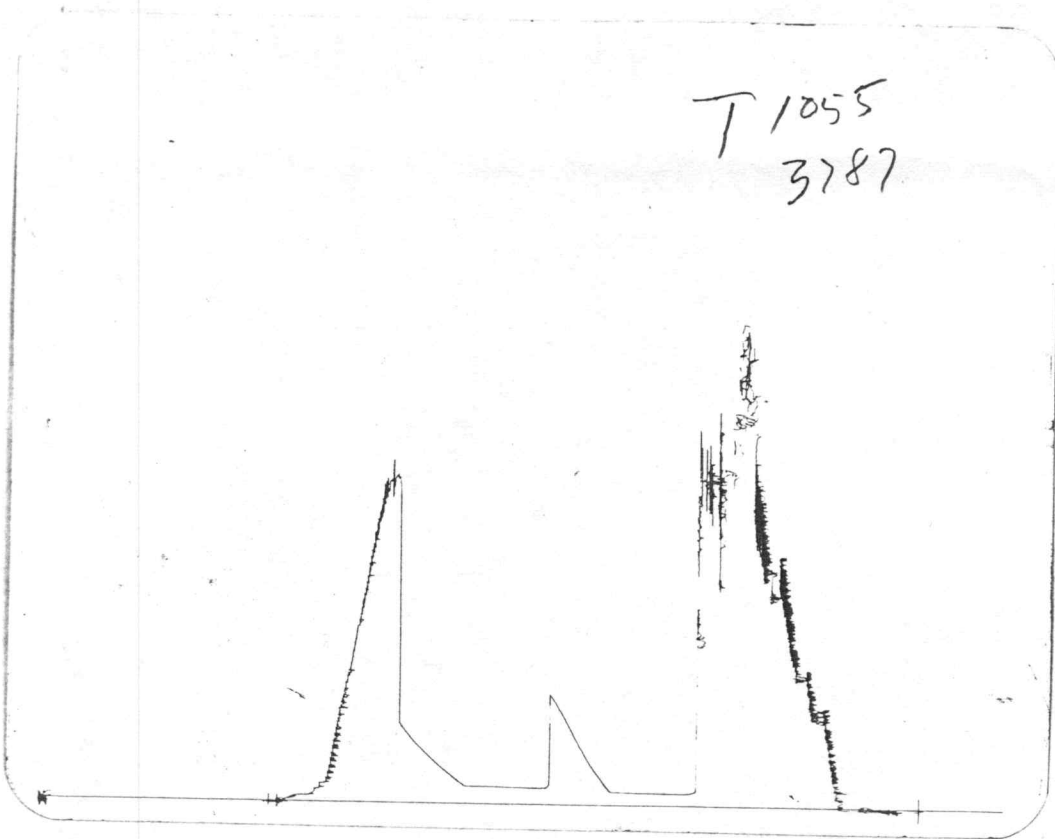
B11027
3786

Remains Clark



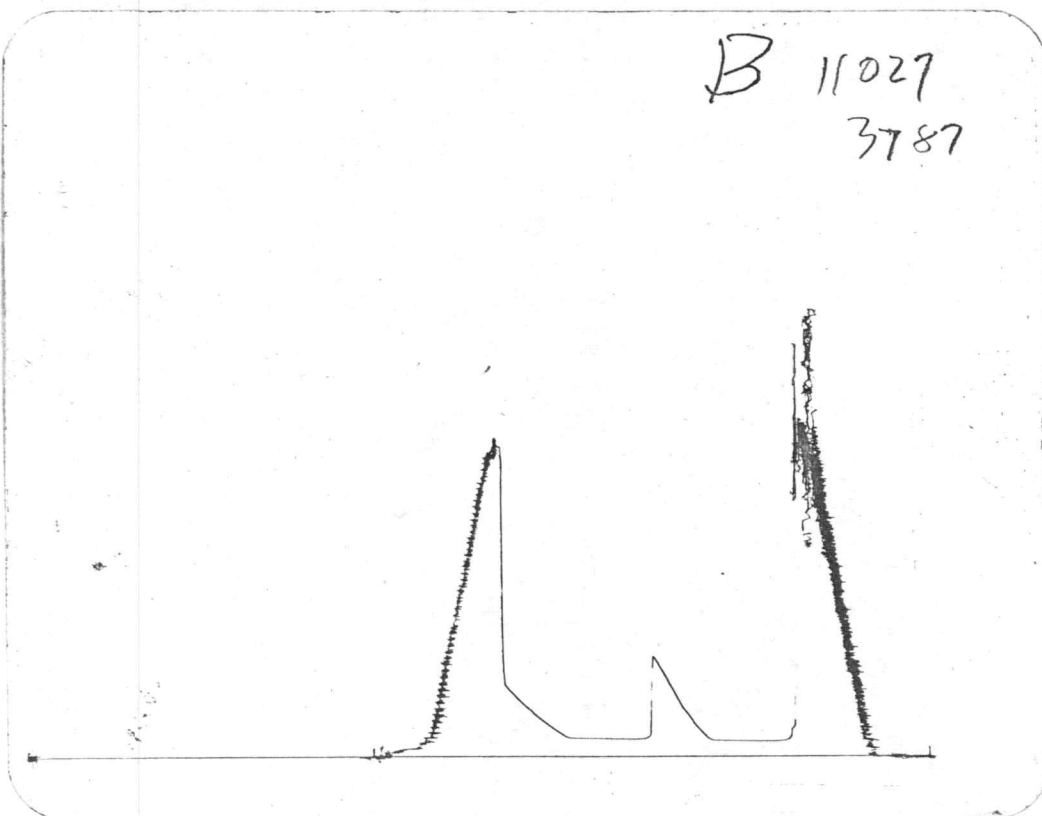
TOP

T 1055
3787

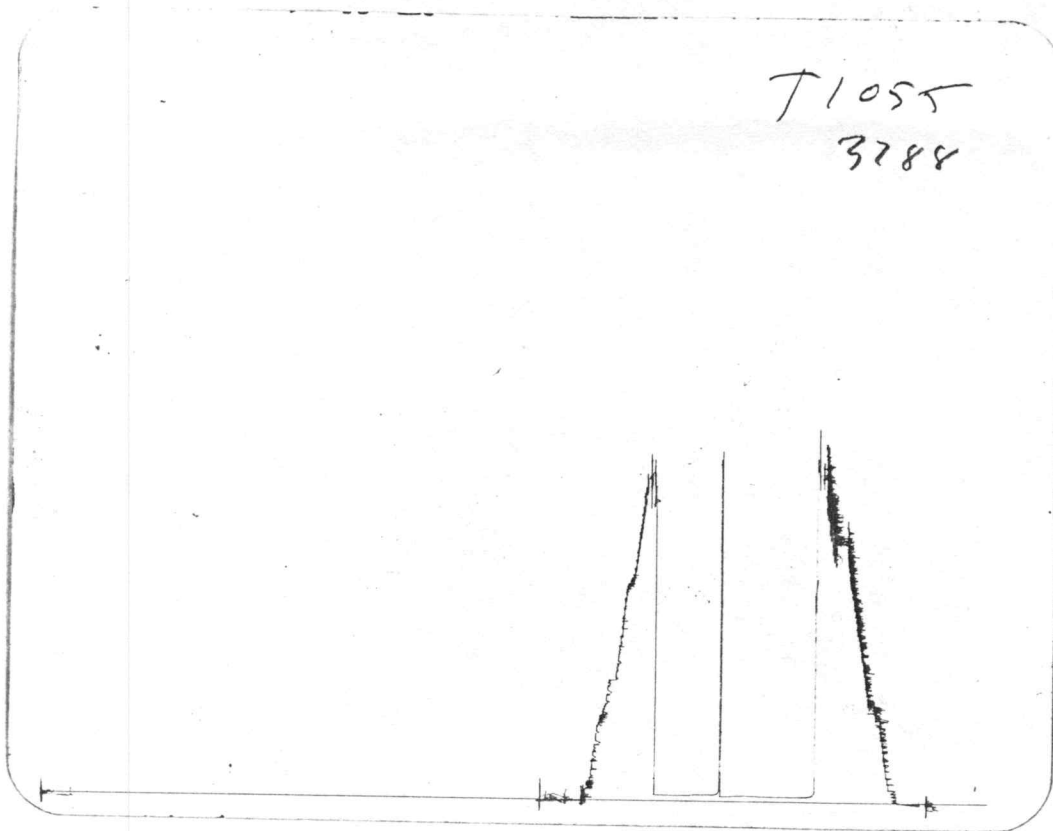


BOTTOM

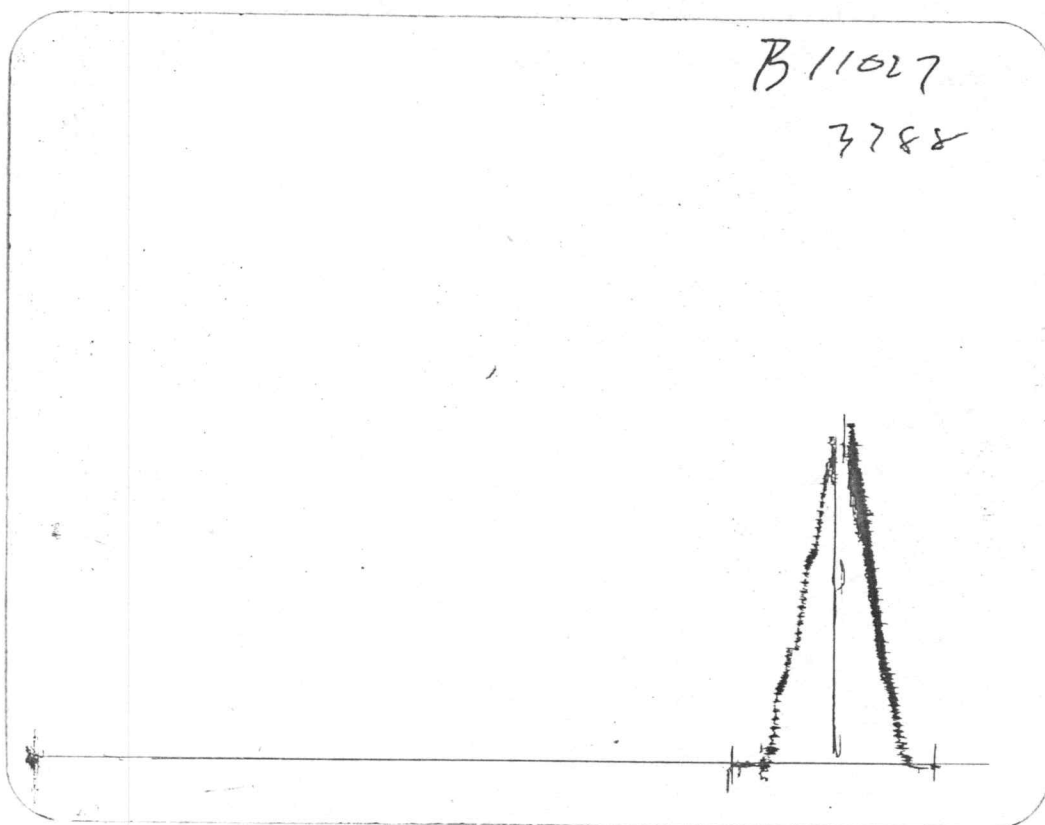
B 11027
3787



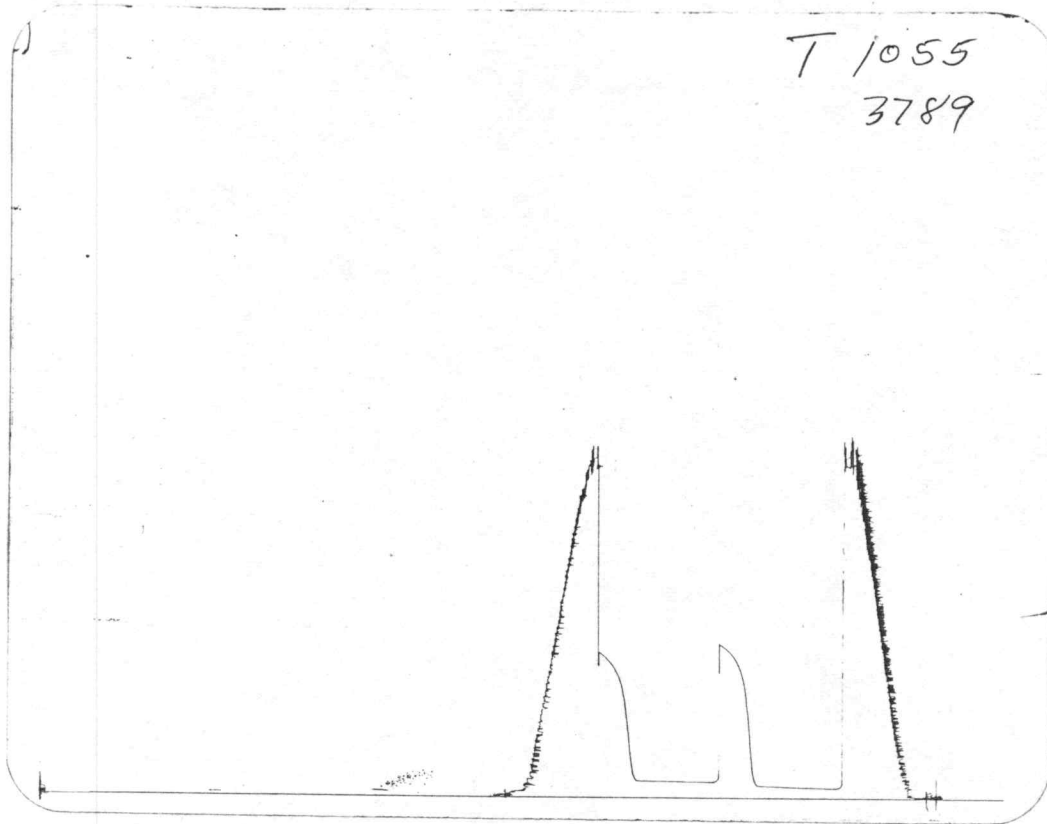
TOP



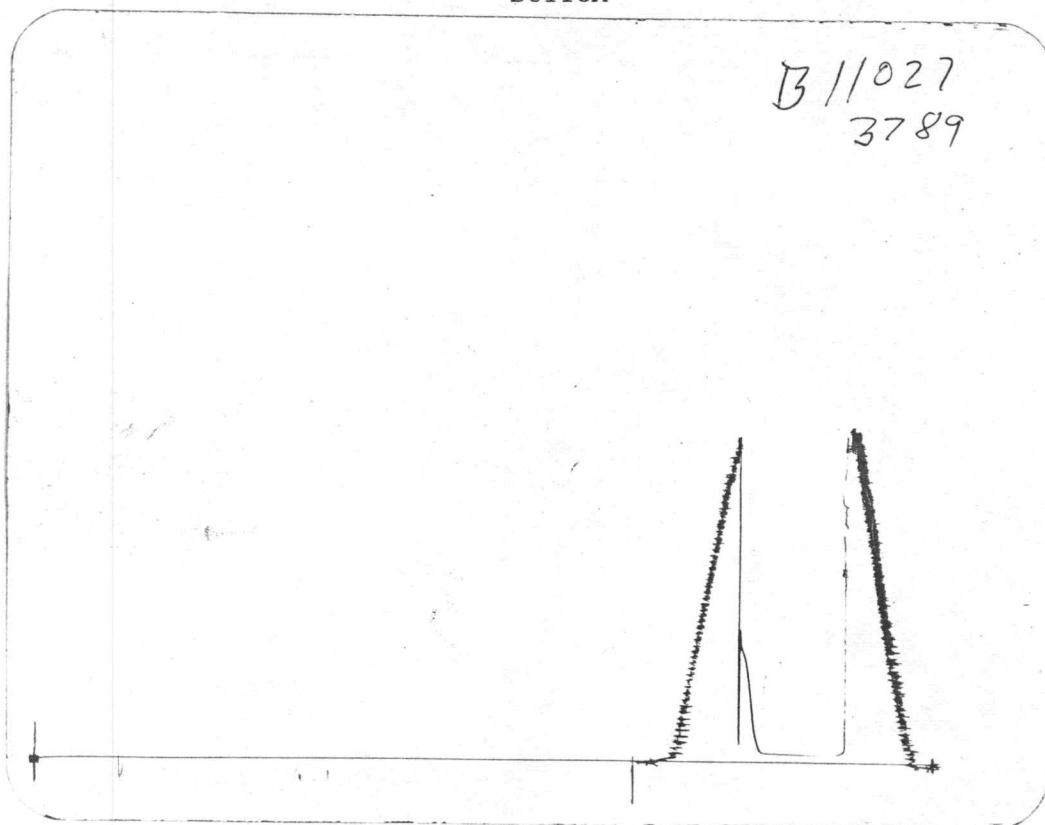
BOTTOM



TOP

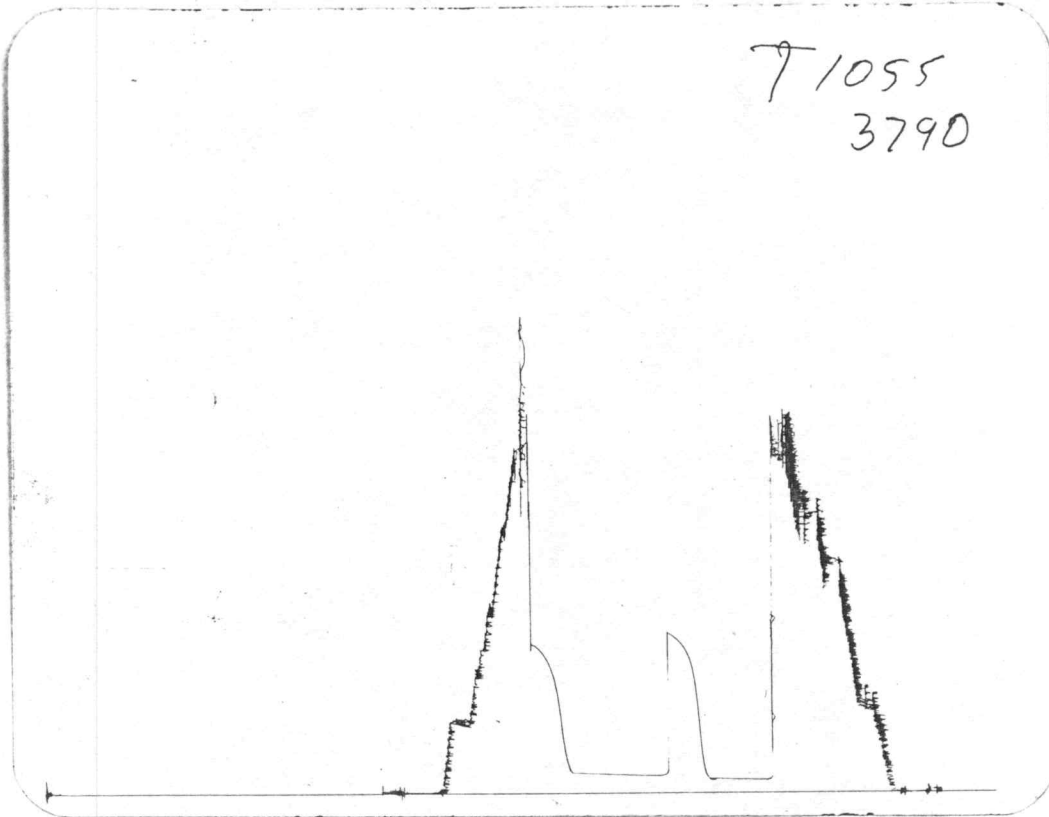


BOTTOM



TOP

T 1055
3790



BOTTOM

B 11027
3790

