

18-195-20614

Sun Oil Well Cementing, Inc.

DRILL STEM TEST DATA

P.O. Box 169

Great Bend, Kansas 67530

Lease	Beren-Ries	Well No.	3	Date	3-9-80
County	Trego	Sec. 28	Twp. 11 Rng. 22	Elevation	GL 2367
Company	Kansas Oil Coporation			Test No.	1
Contractor	Spartan Drilling			Zone Tested	Lansing
Charge To	Kansas Oil Corp.			Ticket #	4015
Approved By	Robert Laymon			Tester	Tony Carreira

Initial Hydro Mud Press. 1853 P.S.I.

Initial Flow Press. 41 To 71 P.S.I. Initial Flow Period 30 Min.

Initial Shut-in Press. 1080 P.S.I. Initial Shut-in 60 Min.

Final Flow Press. 82 To 122 P.S.I. Final Flow Period 30 Min.

Final Shut-in Press. 1015 P.S.I. Final Shut-in 60 Min.

Final Hydro Mud Press. 1832 P.S.I. TIME TOOL OPEN 1:30 A.M.

Temperature 105

Mud Weight 9.7 Viscosity 40

Fluid Loss 14.4

Interval Tested 3625 To 3645

Top Packer Depth 3620 Surface Choke Size _____

Bottom Packer Depth 3625 Bottom Choke Size 5/8

Total Depth 3645 Main Hole Size 7 7/8

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

Drill Collar I.D. _____ Ft. Run _____

Blow 1st open weak blow. 2nd open weak blow.

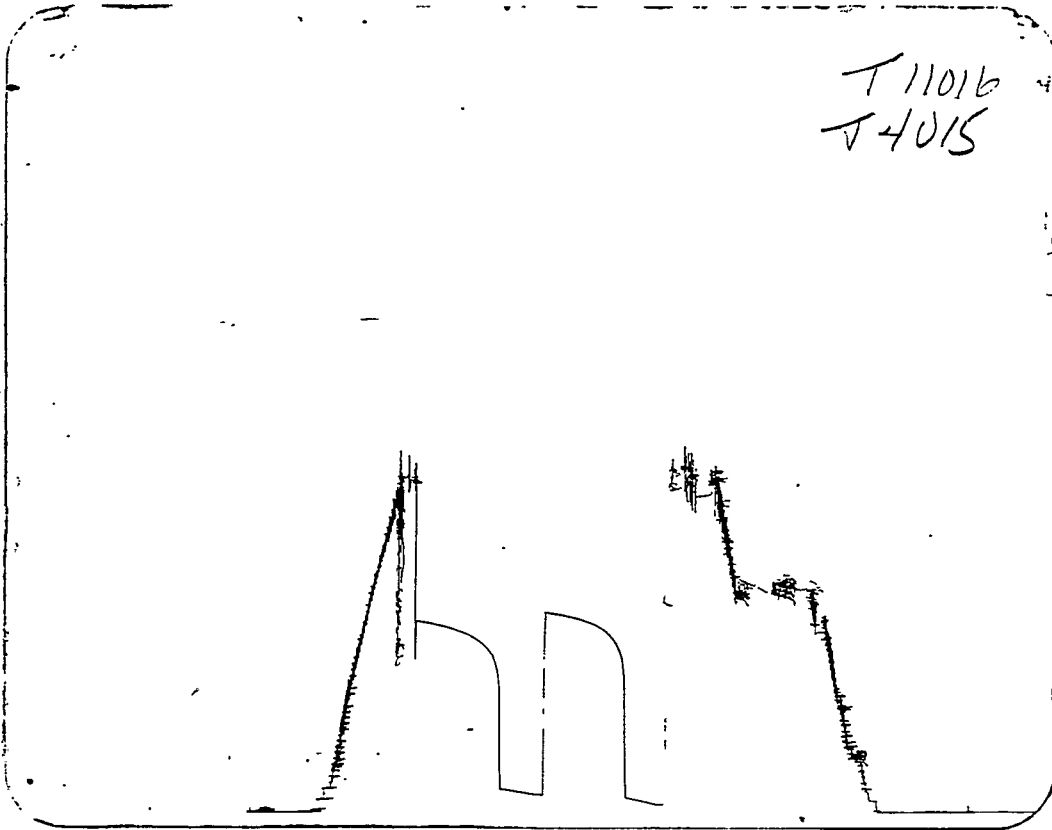
Recovery 40' Gas & Oil Spotted Mud.

60' Gas & Oil spotted watery mud.

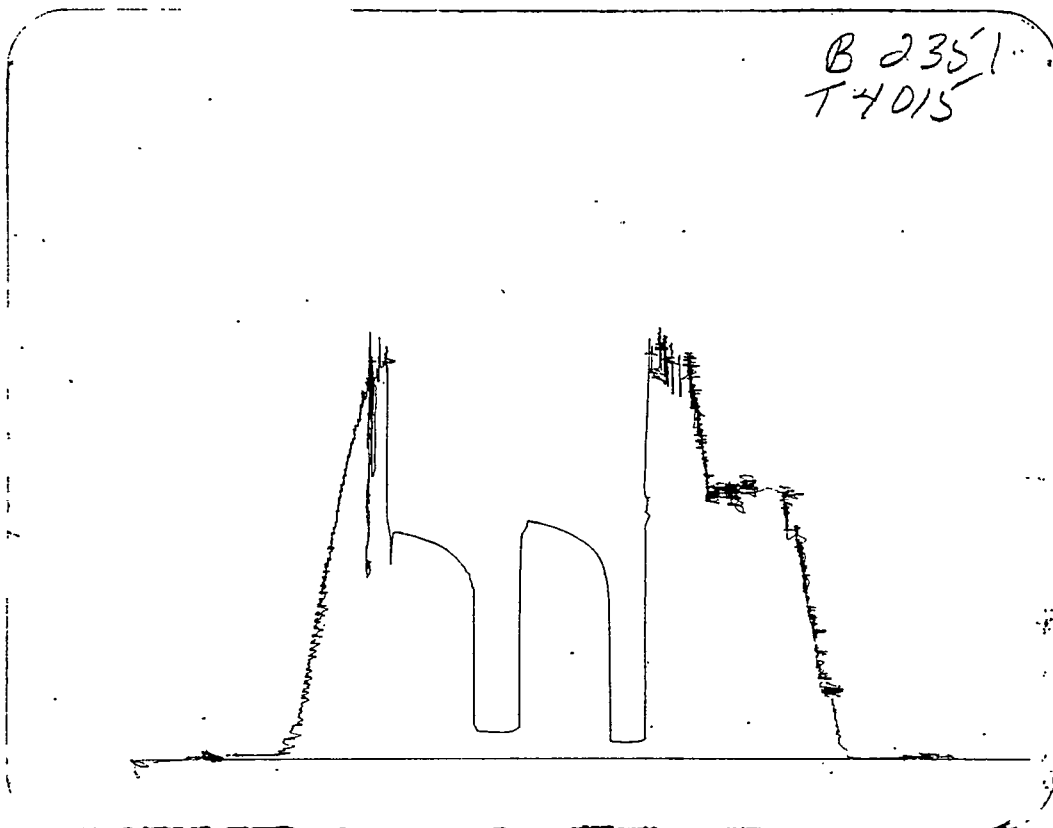
120' gassy muddy water

220' Total fluid

TOP



BOTTOM



Sun Oil Well Cementing, Inc.

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Lease	Beren-Ries					Well No.	3	Date	3-9-80
County	Trego	Sec.	28	Twp.	11	Rng.	22	Elevation	GL 2367
Company	Kansas Oil Corporation							Test No.	2
Contractor	Spartan Drilling							Zone Tested	Lansing
Charge To	Kansas Oil Corp.							Ticket #	4016
Approved By	Robert Laymon							Tester	Tony Carreira

Initial Hydro Mud Press. 1810 P.S.I.

Initial Flow Press. 30 To 81 P.S.I. Initial Flow Period 30 Min.

Initial Shut-in Press. 884 P.S.I. Initial Shut-in 60 Min.

Final Flow Press. 102 To 122 P.S.I. Final Flow Period 30 Min.

Final Shut-in Press. 874 P.S.I. Final Shut-in 60 Min.

Final Hydro Mud Press. 1778 P.S.I. TIME TOOL OPEN 6:40 P.M.

Temperature 106

Mud Weight 9.6 Viscosity 40

Fluid Loss 12.8

Interval Tested 3650 To 3685

Top Packer Depth 3645 Surface Choke Size 5/8

Bottom Packer Depth 3650 Bottom Choke Size 7 7/8

Total Depth 3685 Main Hole Size 6 3/4

Drill Pipe Size 4 1/2 x H Wt 240' Rubber Size 6 3/4

Drill Collar I.D. 2 1/2 Ft. Run 240'

Blow 1st open fair blow. 2nd open fair blow.

Recovery 330' Gas in pipe

30' oil cut mud 40% oil 55% mud 5% Filtrate

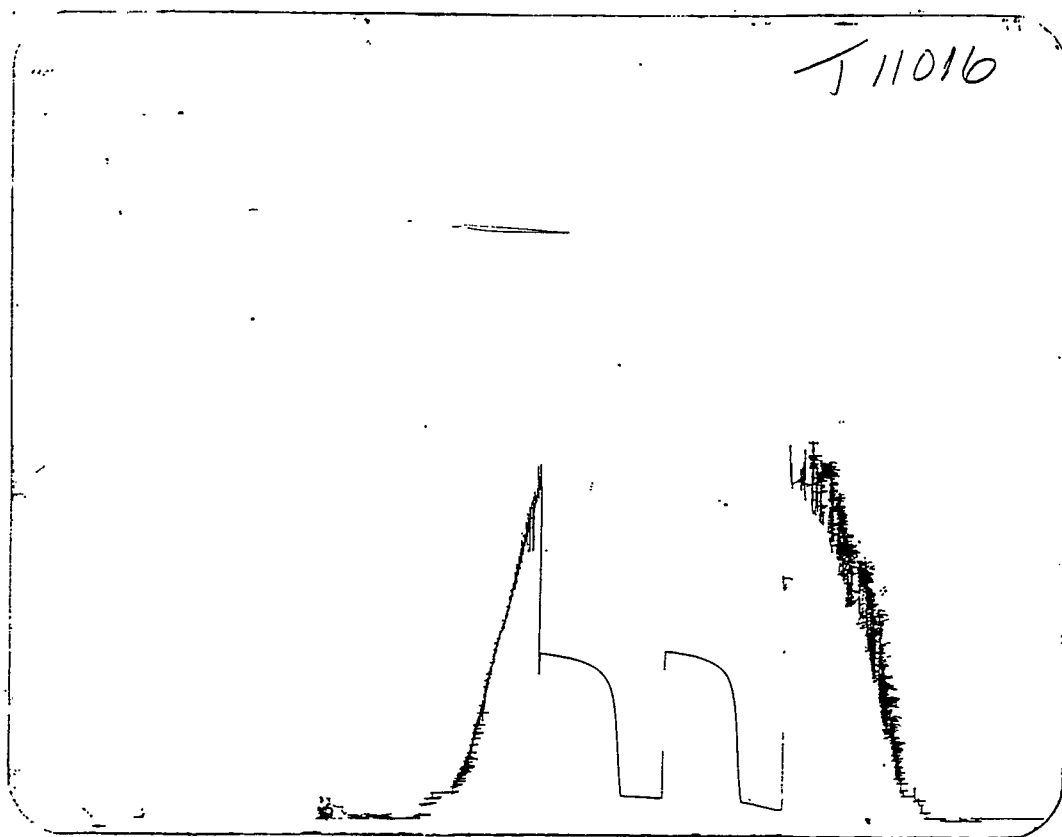
60' Mud cut gassy oil 60% oil 20% mud 10% gas 10% Filtrate

60' mud cut gassy oil 60% oil, 20% mud, 5% gas, 15% Filtrate

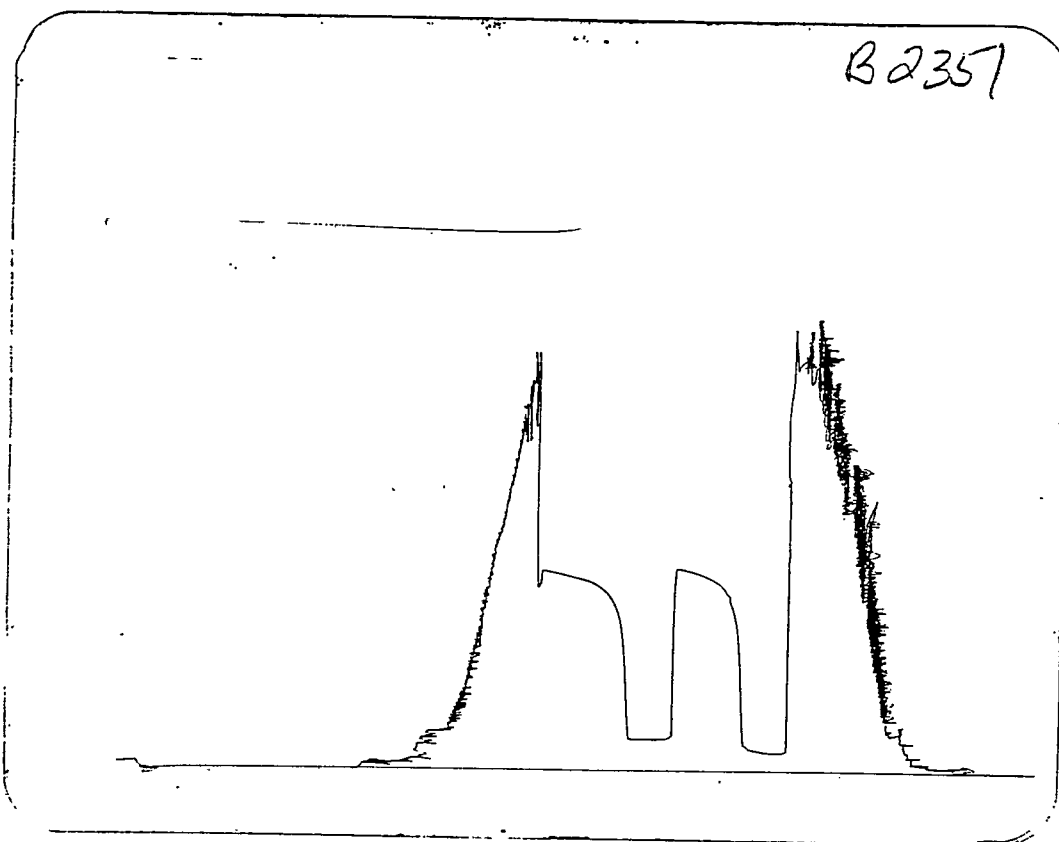
120' oil cut mud 60% mud, 10% oil, 30% Filtrate

270' Total Fluid

TOP



BOTTOM



Sun Oil Well Cementing, Inc.

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P.O. Box 169

Great Bend, Kansas 67530

Lease	Beren-Ries		Well No.		3		Date	3-11-80	
County	Trego	Sec.	28	Twp.	11	Rng.	22	Elevation	GL 2367
Company	Kansas Oil Corp.						Test No.	3	
Contractor	Spartan Drilling						Zone Tested	Lansing	
Charge To	Kansas Oil Corp.						Ticket #	4017	
Approved By	Robert Laymon						Tester	Tony Carreira	

Initial Hydro Mud Press. 1907 P.S.I.

Initial Flow Press. 10 To 10 P.S.I. Initial Flow Period 30 Min.

Initial Shut-in Press. 1101 P.S.I. Initial Shut-in 30 Min.

Final Flow Press. 10 To 10 P.S.I. Final Flow Period 30 Min.

Final Shut-in Press. 1079 P.S.I. Final Shut-in 30 Min.

Final Hydro Mud Press. 1907 P.S.I. TIME TOOL OPEN 3:35 A.M.

Temperature 108

Mud Weight 9.6 Viscosity 42

Fluid Loss 13.2

Interval Tested 3835 To 3850

Top Packer Depth 3830 Surface Choke Size _____

Bottom Packer Depth 3835 Bottom Choke Size 5/8

Total Depth 3850 Main Hole Size 7 7/8

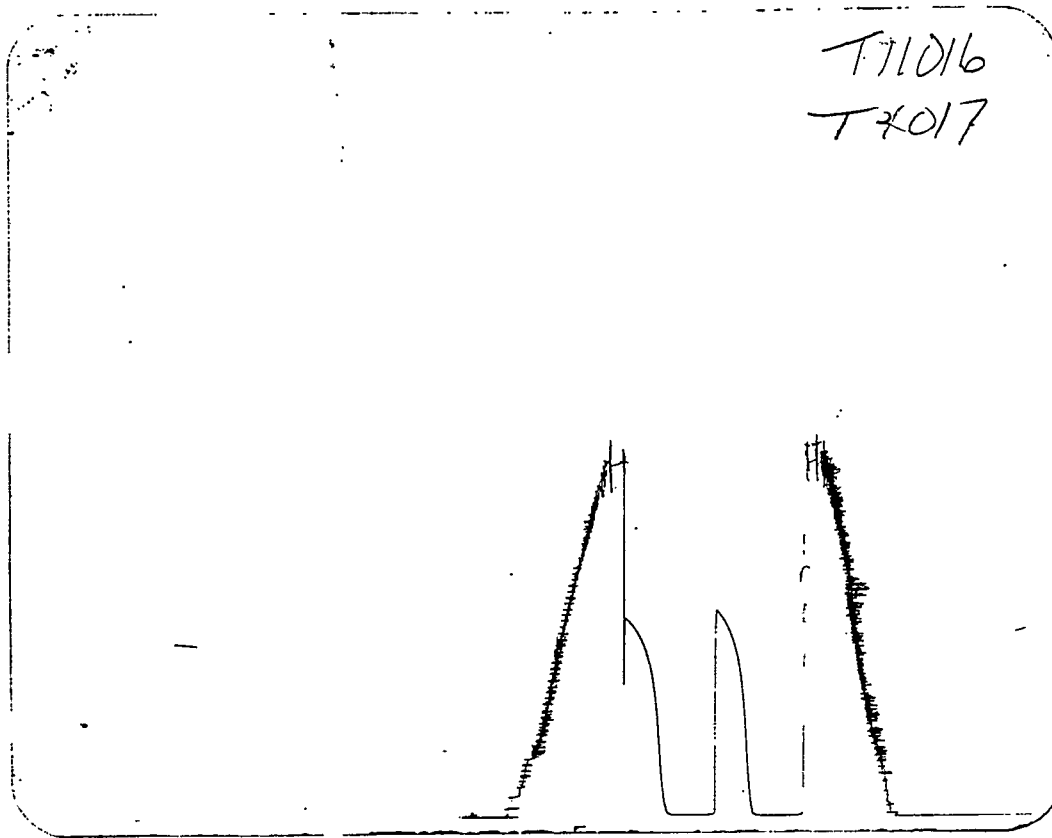
Drill Pipe Size 4 1/2 x H Wt _____ Rubber Size 6 3/4

Drill Collar I.D. 2 1/2 Ft. Run 240'

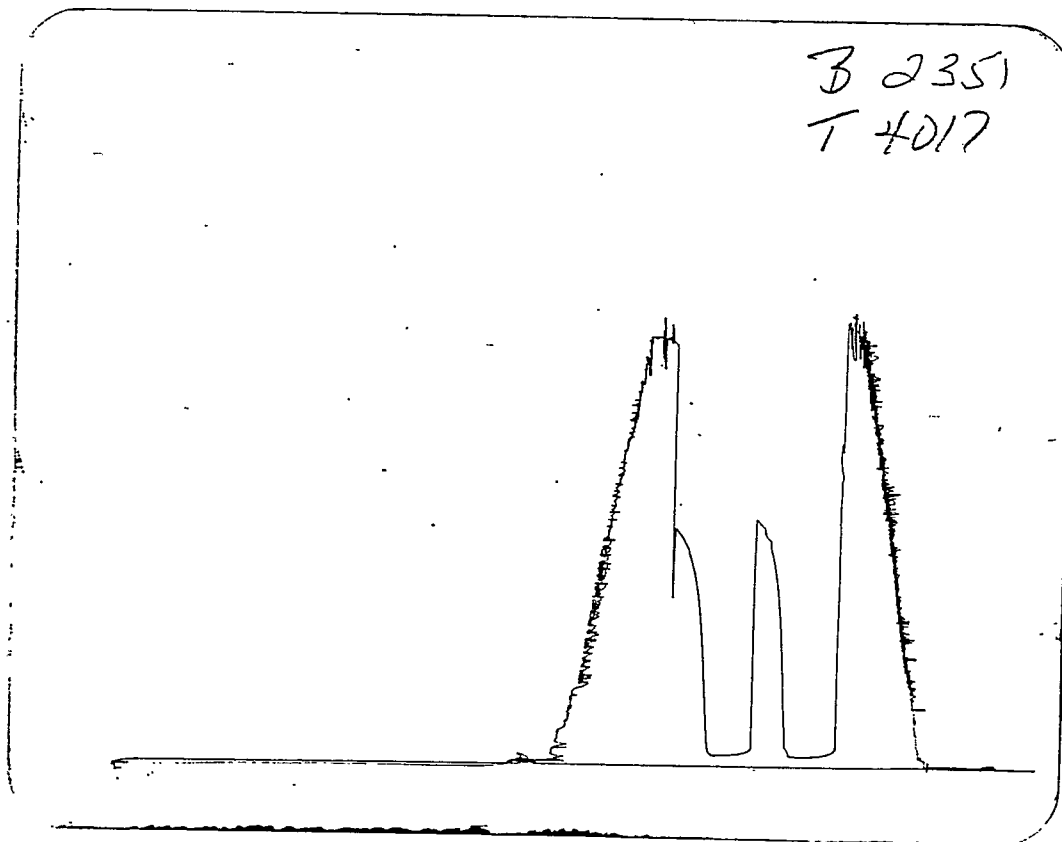
Blow 1st open weak blow died in 15 min. 2nd open no blow.

Recovery 20' oil spotted mud.

TOP



BOTTOM



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DRILL STEM TEST DATA

P.O. Box 169

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Lease	Beren-Ries	Well No.	3	Date	3-12-80
County	Trego Sec. 28	Twp. 11	Rng. 22	Elevation	GL 2367
Company	Kansas Oil Corporation			Test No.	4
Contractor	Spartan Drilling			Zone Tested	Marmaton
Charge To	Kansas Oil Corp.			Ticket #	4018
Approved By	Robert Laymon			Tester	Tony Carreira

Initial Hydro Mud Press. 2015 P.S.I.

Initial Flow Press. 20 To 40 P.S.I. Initial Flow Period 30 Min.

Initial Shut-in Press. 1130 P.S.I. Initial Shut-in 60 Min.

Final Flow Press. 40 To 60 P.S.I. Final Flow Period 30 Min.

Final Shut-in Press. 1100 P.S.I. Final Shut-in 60 Min.

Final Hydro Mud Press. 2015 P.S.I. TIME TOOL OPEN 4:55 A.M.

Temperature 112

Mud Weight 9.8 Viscosity 43

Fluid Loss 12.4

Interval Tested 3967 To 4010

Top Packer Depth 3962 Surface Choke Size 5/8

Bottom Packer Depth 3967 Bottom Choke Size 7 7/8

Total Depth 4010 Main Hole Size 6 3/4

Drill Pipe Size 4 1/2 x H Wt 240' Rubber Size 6 3/4

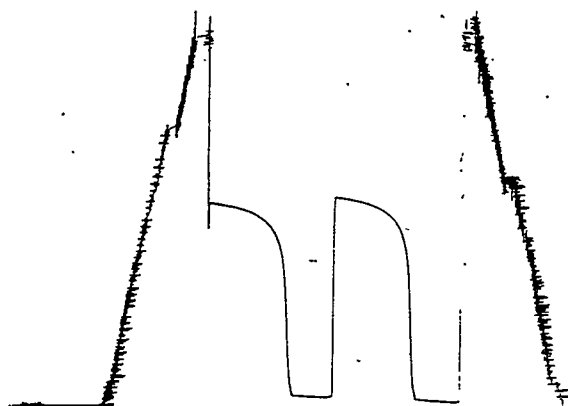
Drill Collar I.D. 2 1/2 Ft. Run 240'

Blow 1st open fair blow. 2nd open weak blow.

Recovery 120' gas in pipe
124' total fluid. All gassy mud cut oil
(5% gas, 70% oil, 25% mud)

TOP

T11016
T4018



BOTTOM

B0351
T4018

