

Lease	G. Small	Well No.	1	Date	5/10/81
County	Russell	Sec. 22	Twp. 14 Rng. 11w	Elevation	1559 KB
Company	L. G. Stephenson			Test No.	1
Contractor	Red Tiger			Zone Tested	Tarkio
Charge To	L. G. Stephenson			Ticket #	4644Tx
Approved By	James W. Spellman			Tester	Andy Carreria

Initial Hydro Mud Press. 1129 P.S.I.

Initial Flow Press. 33 To 41 P.S.I. Initial Flow Period 60 Min.

Initial Shut-in Press. 149 P.S.I. Initial Shut-in 45 Min.

Final Flow Press. 41 To 50 P.S.I. Final Flow Period 60 Min.

Final Shut-in Press. 182 P.S.I. Final Shut-in 45 Min.

Final Hydro Mud Press. 1121 P.S.I. TIME TOOL OPEN 5:05AM

Temperature 84 Deg.

Mud Weight 9.8 Viscosity 42

Fluid Loss 9

Interval Tested 2074 To 2110

Top Packer Depth 2069 Surface Choke Size

Bottom Packer Depth 2074 Bottom Choke Size 7/8

Total Depth 2110 Main Hole Size 7 7/8

Drill Pipe Size 4 1/2 FH Wt -- Rubber Size 6 3/4

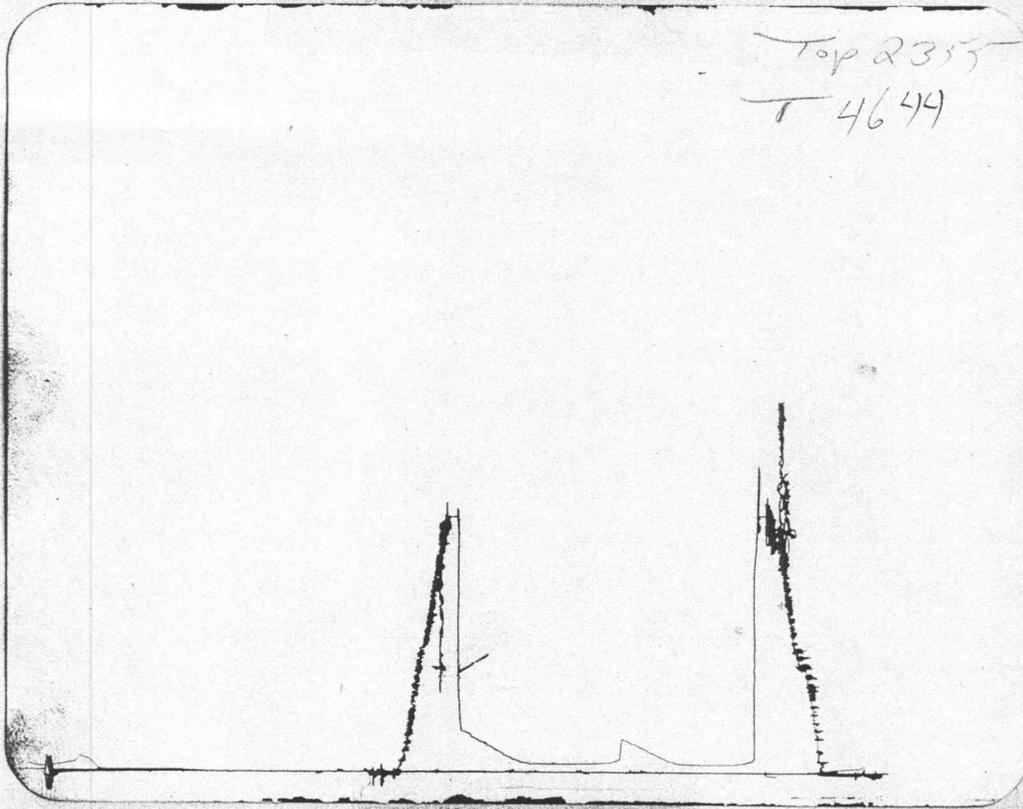
Drill Collar I.D. -- Ft. Run --

Blow 1st open: fair blow 6" in bucket full 60 min. 2nd open: strong blow off bottom of bucket, died in 15 min.

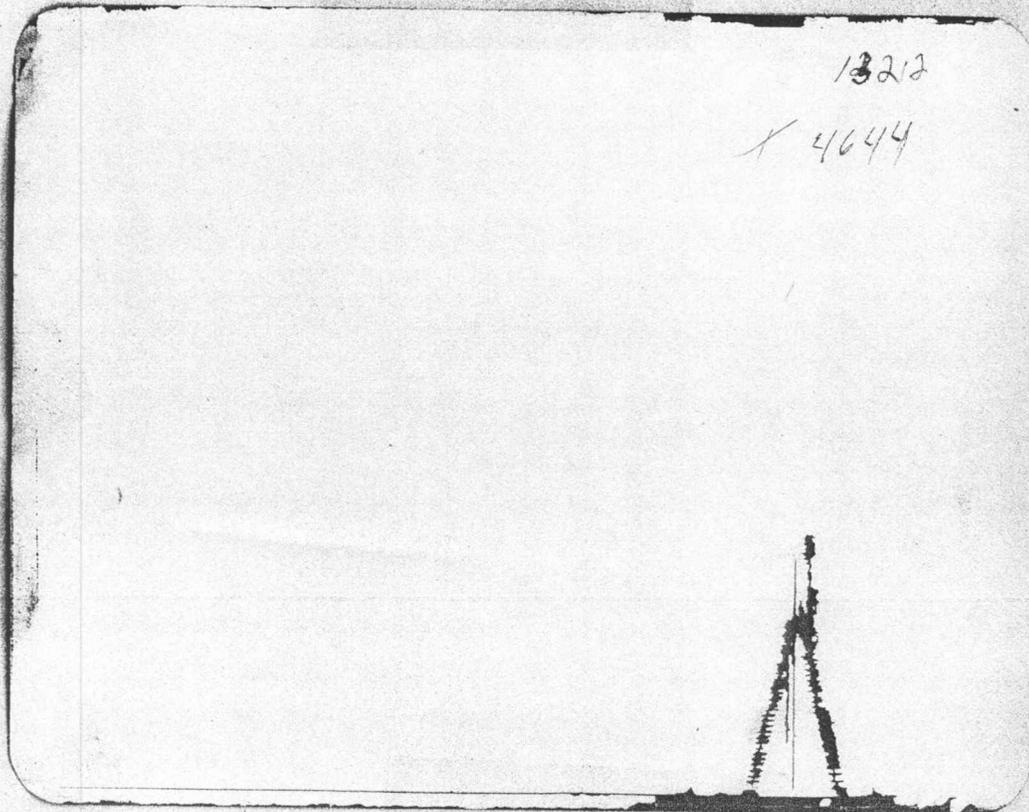
Recovery

8 stands of gas, 65' gassy mud

TOP



BOTTOM



# Sun Oil Well Cementing, Inc.

# DRILL STEM TEST DATA

P.O. Box 169

Great Bend, Kansas 67530

Lease	G Small	Well No.	1	Date	5/10/81
County	Russell	Sec.	22	Twp.	14
		Rng.	11w	Elevation	1559 KB
Company	L. G. Stephenson			Test No.	2
Contractor	Red Tiger			Zone Tested	Tarkio
Charge To	L. G. Stephenson			Ticket #	4645Tx
Approved By	James W. Spellman			Tester	Andy Carreria

Initial Hydro Mud Press. .... 1178 ..... P.S.I.

Initial Flow Press. 189 To 201 ..... P.S.I. Initial Flow Period ..... 60 ..... Min.

Initial Shut-in Press. .... 791 ..... P.S.I. Initial Shut-in ..... 45 ..... Min.

Final Flow Press. 201 To 201 ..... P.S.I. Final Flow Period ..... 60 ..... Min.

Final Shut-in Press. .... 779 ..... P.S.I. Final Shut-in ..... 45 ..... Min.

Final Hydro Mud Press. .... 1167 ..... P.S.I. TIME TOOL OPEN ..... 7:50 PM

Temperature ..... 124 Deg.

Mud Weight ..... 10 ..... Viscosity ..... 40

Fluid Loss ..... 14.4

Interval Tested ..... 2164 ..... To ..... 2220

Top Packer Depth ..... 2159 ..... Surface Choke Size .....

Bottom Packer Depth ..... 2164 ..... Bottom Choke Size ..... 7/8

Total Depth ..... 2220 ..... Main Hole Size ..... 7 7/8

Drill Pipe Size ..... 4½ Full Wt 4½ X ..... Rubber Size ..... 6 3/4

Drill Collar I.D. .... Ft. Run .....

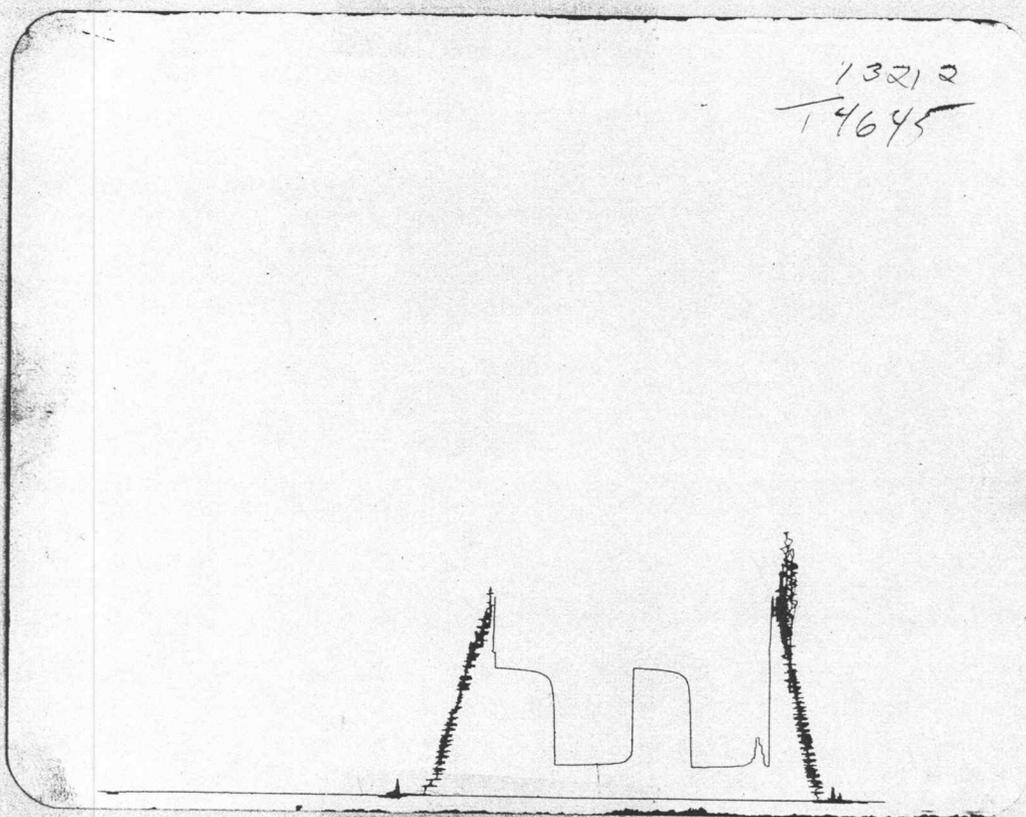
**Blow** 1st open: strong blow gas to surface in 5 min. 2nd open: strong blow gas back to surface.

**Recovery** .....

..... Gas to surface in approximately 5 min. 1" orifice 50 psi 1379 in 15 min. stabalized  
 ..... at 19+ psi 699. 2nd open gas to surface with in 1 min. 1" orifice 25 psi  
 ..... 840 stabalized in/ 35 min. at 19+ psi 699. "Fluid" 130' gassy mud.

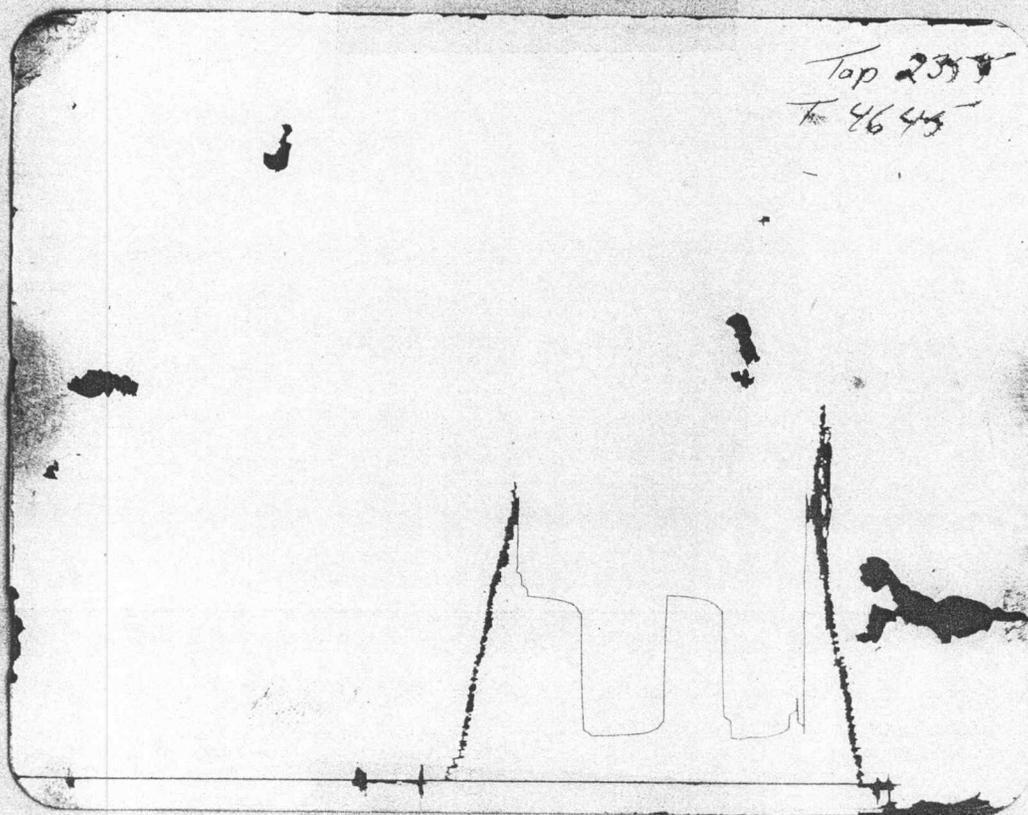
TOP

13212  
T 4645



BOTTOM

Top 2358  
T 4645



# Sun Oil Well Cementing, Inc.

# DRILL STEM TEST DATA

P.O. Box 169

Great Bend, Kansas 67530

Lease	G. Small	Well No.	1	Date	5/11/81
County	Russell	Sec.	22	Twp.	14
		Rng.	11w	Elevation	1559 KG
Company	L. G. Stephenson Co. Inc.			Test No.	3
Contractor	Red Tiger			Zone Tested	Topeka
Charge To	L. G. Stephenson Co. Inc.			Ticket #	4646Tx
Approved By	James W. Spellman			Tester	Andy Carreria

Initial Hydro Mud Press. 1325 P.S.I.

Initial Flow Press. 41 To 41 P.S.I. Initial Flow Period 60 Min.

Initial Shut-in Press. 124 P.S.I. Initial Shut-in 45 Min.

Final Flow Press. 49 To 49 P.S.I. Final Flow Period 60 Min.

Final Shut-in Press. 141 P.S.I. Final Shut-in 45 Min.

Final Hydro Mud Press. 1282 P.S.I. TIME TOOL OPEN 6:16 PM

Temperature 94 Deg.

Mud Weight 10.3 Viscosity 42

Fluid Loss 8

Interval Tested 2420 To 2450

Top Packer Depth 2415 Surface Choke Size

Bottom Packer Depth 2420 Bottom Choke Size 7/8

Total Depth 2450 Main Hole Size 7 7/8

Drill Pipe Size 4 1/2 Full Wt 4 1/2 X Rubber Size 6 3/4

Drill Collar I.D. Ft. Run

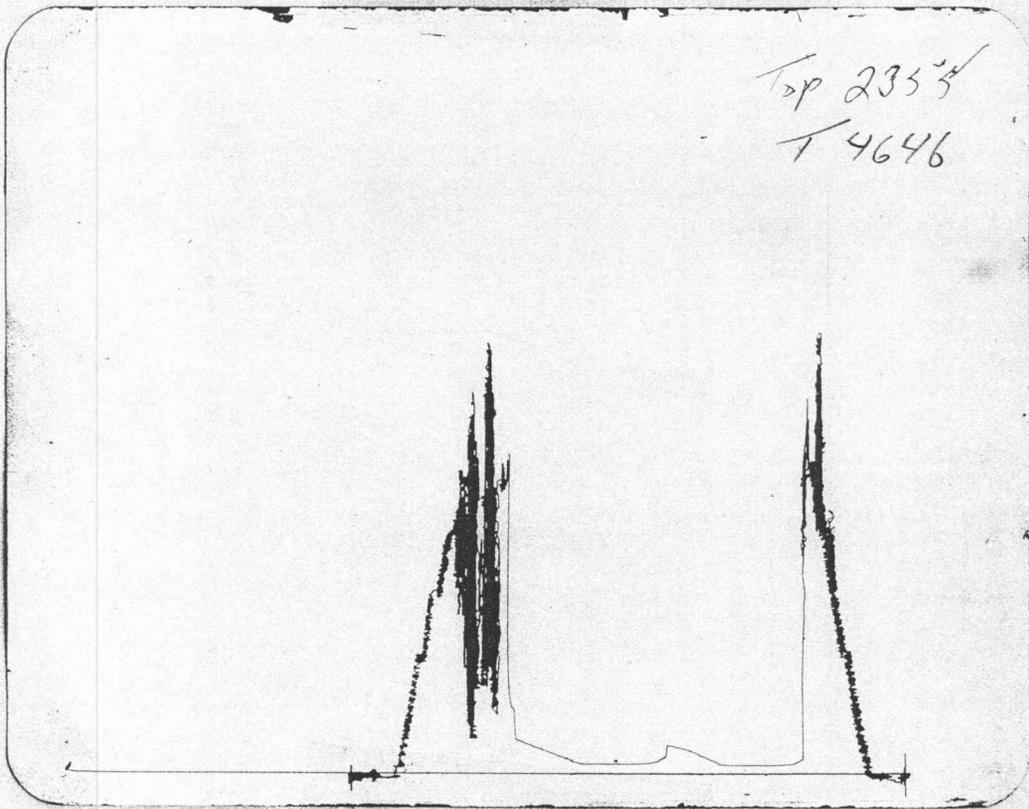
Blow 1st open: fair blow building to string blow in 20 min. 2nd open: Good blow 6" from surface.

Recovery

80' fluid, 20' oil spotted gassy mud, 60' mud 300' GIP

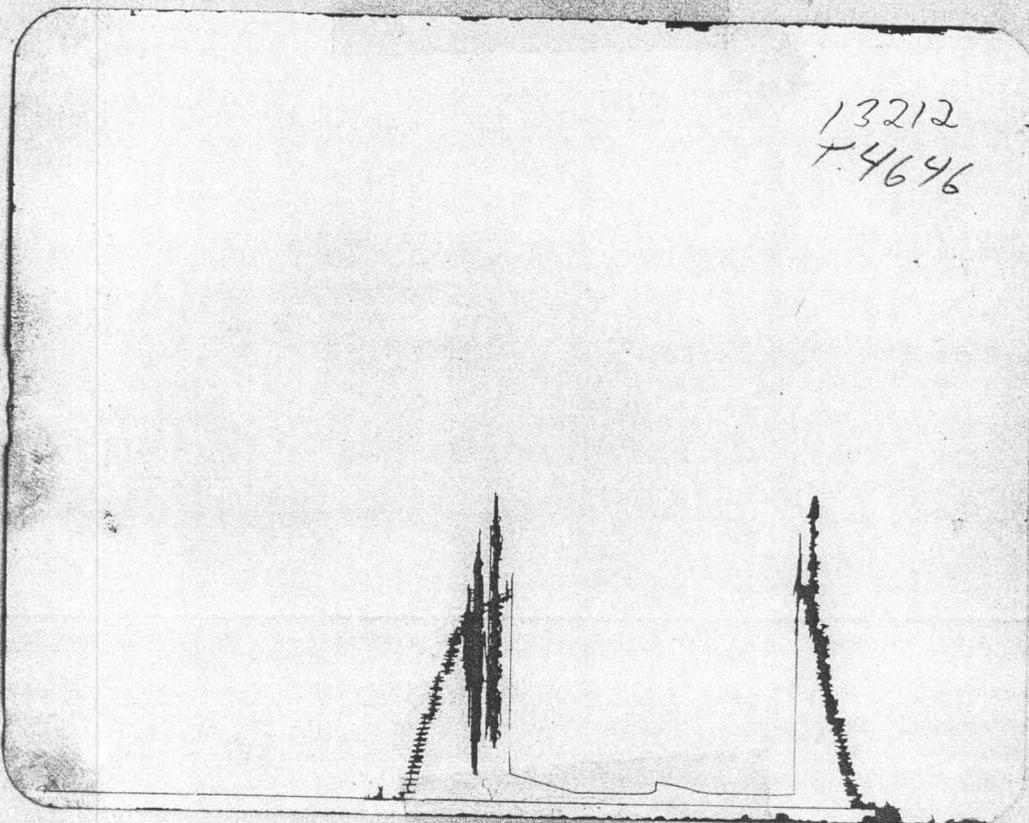
TOP

Top 2335  
T 4646



BOTTOM

13212  
T 4646



# Sun Oil Well Cementing, Inc.

# DRILL STEM TEST DATA

P.O. Box 169

Great Bend, Kansas 67530

Lease	G. Small	Well No.	1	Date	5/13/81
County	Russell	Sec.	22	Twp.	14
		Rng.	11w	Elevation	1559.K.B.
Company	L. G. Stephenson Co. Inc.			Test No.	4
Contractor	Red Tiger			Zone Tested	KC
Charge To	L. G. Stephenson Co. Inc.			Ticket #	4647Tx
Approved By	James W. Spellman			Tester	Andy Carreria

Initial Hydro Mud Press. 1578 P.S.I.

Initial Flow Press. 36 To 36 P.S.I. Initial Flow Period 30 Min.

Initial Shut-in Press. 545 P.S.I. Initial Shut-in 30 Min.

Final Flow Press. 36 To 47 P.S.I. Final Flow Period 30 Min.

Final Shut-in Press. 462 P.S.I. Final Shut-in 30 Min.

Final Hydro Mud Press. 1531 P.S.I. TIME TOOL OPEN 2:05 PM

Temperature 94 Deg.

Mud Weight 10.1 Viscosity 40

Fluid Loss 10.4

Interval Tested 2810 To 2865

Top Packer Depth 2805 Surface Choke Size

Bottom Packer Depth 2810 Bottom Choke Size 7/8

Total Depth 2865 Main Hole Size 7 7/8

Drill Pipe Size 4 1/2 Full Wt 4 1/2 X Rubber Size 6 3/4

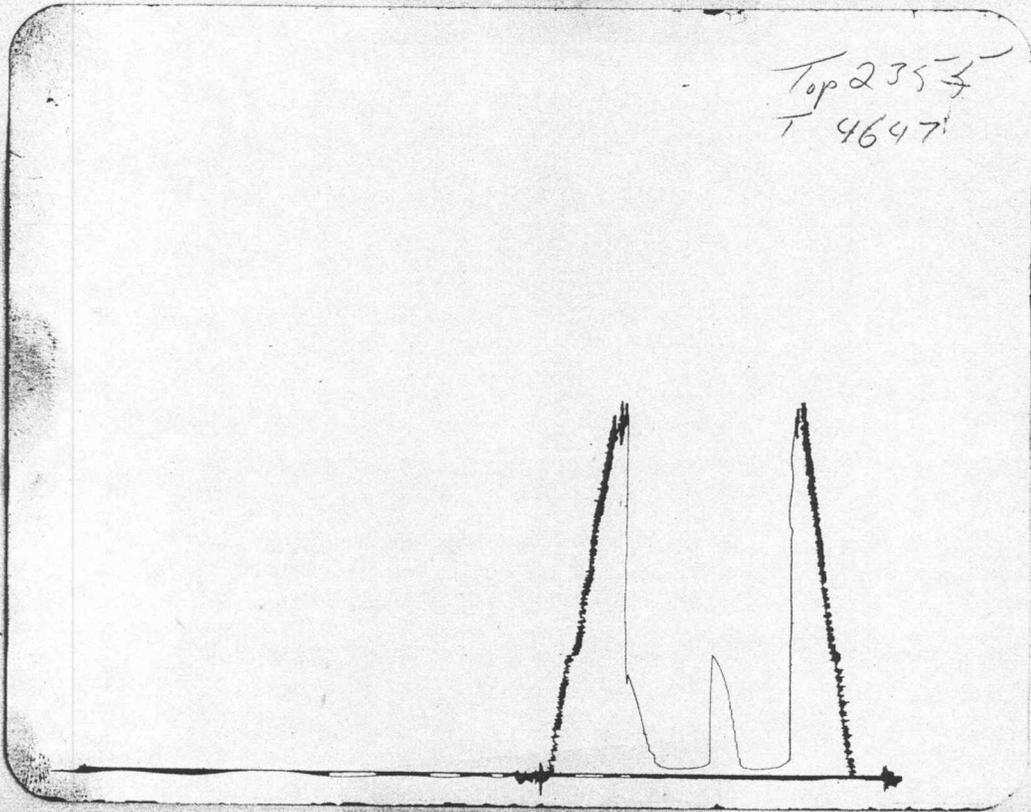
Drill Collar I.D. -- Ft. Run --

Blow 1st open: weak blow died in 20 min. 2nd open: no blow

Recovery 20' mud few oil specks

TOP

Top 2354  
T 4647



BOTTOM

B 13212  
T 4647

