

GARVEY DRILLING COMPANY

TESTING DIVISION

1-95-27W
APPV SE-NE-SE
Nº 3282

Company Pet. Inc. Lease & Well No. Ocell #1

Elevation _____ Ticket Number _____

Date 6-8-69 Sec. _____ Twp. _____ Range _____ County Sheldon State Kansas

Test Approved by Lee Poulsen Garvey Representative Doyle Folkerts

Formation Test No. 1 O.K. X Marun - Interval Tested From 3735 to 3768 Total Depth 3768

Size Main Hole 7 3/4 Rat Hole - Conv. X B.T. - Damaged - Yes X No - Conv. X B.T. - Damaged - Yes X No -

Packer Depth 3729 Ft. Size 6 1/4 Packer Depth 3733 Ft. Size 6 1/4

Straddle - Yes X No - Conv. - B.T. - Damaged - Yes - No -

Packer Depth - Ft. Size -

Tool Size 5" Tool Jt. Size 5 1/2" Anchor Length 33 Ft. Size 4 1/2 FN

RECORDERS Depth 3740 Ft. Clock No. 8701 Depth 3743 Ft. Clock No. 118

Top Make Kusko Cap. 4200 No. 2774 Inside - Bottom Make Winston Cap. 3000 No. 51 Outside -

Below Straddle: Depth - Clock No. - Inside - Depth - Ft. Clock No. - Inside -

Top Make - Cap. - No. - Outside - Bottom Make - Cap. - No. - Outside -

Time Set Packer 3:58 AM

Tool Open I.F.P. From 4:00 M. to 4:30 M. - Hr. 30 Min. From (B) 34 P.S.I. To (C) 57 P.S.I.

Tool Closed I.C.I.P. From 4:30 M. to 5:00 M. - Hr. 30 Min. (D) 1085 P.S.I.

Tool Open F.F.P. From 5:00 M. to 5:30 M. - Hr. 30 Min. From (E) 79 P.S.I. To (F) 79 P.S.I.

Tool Closed F.C.I.P. From 5:30 M. to 6:00 M. - Hr. 30 Min. (G) 931 P.S.I.

Initial Hydrostatic Pressure (A) 2104 P.S.I. Final Hydrostatic Pressure (H) 2104 P.S.I.

SURFACE Size Choke 4 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____

INFORMATION _____ M. _____

_____ M. _____

_____ M. _____

BLOW Weak 2019 in Dried Bottom Choke Size 4 In.

Did Well Flow - Yes X No - Recovery Total Ft. 70' Mud

Reversed Out - Yes X No - Mud Type Clay Viscosity 40 Weight 9-P Maximum Temp. - °F

EXTRA EQUIPMENT: Dual Packers Yes Safety Joint N/D Jars: Size - Make - Ser. No. -

Type Circ. Sub. Hydraulic Did Tool Plug? NO Where? - Did Packer Hold? Yes

Length Drill Pipe 2212 ft. I. D Drill Pipe 3 1/2 In. Length Weight Pipe 1000 ft. I. D. Weight Pipe 2 1/2 In. Length Drill Collars - ft.

I. D. Drill Collars - In. Length D. S. T. Tool 56 ft.

Remarks Slid Tool 20' to bottom

GARVEY DRILLING COMPANY

TESTING DIVISION

1-95-27W
oppr SE-NE-SE
No 3283

Company Pet. INC. Lease & Well No. O'Dell #1

Elevation _____ Ticket Number _____

Date 6-8-69 Sec. _____ Twp. _____ Range _____ County Shannon State Kansas

Test Approved by Lee Paulsen Garvey Representative Doyle Folkerts

Formation Test No. 2 O.K. ☒ Misrun _____ Interval Tested From 3760 to 3808 Total Depth 3808

Size Main Hole 7 7/8 Rat Hole _____ Conv. ☒ B.T. _____ Damaged ☒ Yes _____ No _____ Conv. ☒ B.T. _____ Damaged ☒ Yes _____ No _____

Packer Depth 3754 Ft. Size 6 1/4 Packer Depth 3760 Ft. Size 6 3/4

Straddle ☒ Yes ☒ No _____ Conv. _____ B.T. _____ Damaged ☒ Yes _____ No _____

Packer Depth _____ Ft. Size _____

Tool Size 5" Tool Jt. Size 5 1/2" Anchor Length 48 Ft. Size 4 1/2 FH

RECORDERS Depth 3765 Ft. Clock No. 8700 Depth 3768 Ft. Clock No. 118

Top Make Kuster Cap. 4300 No. 2774 Inside _____ Bottom Make Kuster Cap. 4000 No. 51 Outside _____

Below Straddle: Depth _____ Clock No. _____ Inside _____ Outside _____

Top Make _____ Cap. _____ No. _____ Inside _____ Outside _____

Bottom Make _____ Cap. _____ No. _____ Inside _____ Outside _____

Time Set Packer 5:13 P.M.

Tool Open I.F.P. From 5:15 M. to 5:45 M. = Hr. 30 Min. From (B) 23 P.S.I. to (C) 148 P.S.I.

Tool Closed I.C.I.P. From 5:45 M. to 6:15 M. = Hr. 30 Min. (D) 1250 P.S.I.

Tool Open F.F.P. From 6:15 M. to 6:45 M. = Hr. 30 Min. From (E) 204 P.S.I. To (F) 341 P.S.I.

Tool Closed F.C.I.P. From 6:45 M. to 7:15 M. = Hr. 30 Min. (G) 1239 P.S.I.

Initial Hydrostatic Pressure (A) 2126 P.S.I. Final Hydrostatic Pressure (H) 2126 P.S.I.

SURFACE Size Choke 4 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____

INFORMATION _____ M. _____

_____ M. _____

_____ M. _____

BLOW Good Bottom Choke Size 5 in.

Did Well Flow ☒ Yes ☒ No Recovery Total Ft. 800' Muddy water with a slight show of oil

Reversed Out ☒ Yes ☒ No Mud Type Chalk Viscosity 36 Weight 10.3 Maximum Temp. 104 F

EXTRA EQUIPMENT Dual Packers YES Safety Joint NO Jars: Size _____ Make _____ Ser. No. _____

Type Circ. Sub Knock Off Did Tool Plug? NO Where? _____ Did Packer Hold? YES

Length Drill Pipe 2737 ft. I. D Drill Pipe 3 1/2 in. Length Weight Pipe 1000 ft. I. D. Weight Pipe 25 in. Length Drill Collars _____ ft.

I. D. Drill Collars _____ in. Length D. S. T. Tool 71 ft.

Remarks _____

GARVEY DRILLING COMPANY

TESTING DIVISION

1-95-27W
app SE-NE-SE
Nº 3284

Company Pet. Inc. Lease & Well No. O'Dell #1

Elevation _____ Ticket Number _____

Date 6-9-69 Sec. _____ Twp. _____ Range _____ County Sheridan State Kansas

Test Approved by Lee Poulson Garvey Representative Doyle Folkerts

Formation Test No. 3 O.K. ☒ Misrun ☐ Interval Tested From 3808 to 3828 Total Depth 3828

Size Main Hole 7 7/8 Rat Hole ☐ Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No ☐ Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No ☐

Packer Depth 3802 Ft. Size 6 3/4 Packer Depth 3808 Ft. Size 6 3/4

Straddle ☐ Yes ☒ No ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No ☐

Packer Depth _____ Ft. Size _____

Tool Size 5" Tool Jt. Size 5 1/2" Anchor Length 22 Ft. Size 4 1/2 FH

RECORDERS Depth 3811 Ft. Clock No. 8701 Depth 3814 Ft. Clock No. 118

Top Make Kuske Cap. 4300 No. 2774 Inside Outside Bottom Make Wester Cap. 4000 No. 51 Inside Outside

Below Straddle: Depth _____ Clock No. _____ Inside Outside Depth _____ Ft. Clock No. _____ Inside Outside

Top Make _____ Cap. _____ No. _____ Inside Outside Bottom Make _____ Cap. _____ No. _____ Inside Outside

Time Set Packer 4:28 P.M.

Tool Open I.F.P. From 4:30 M. to 5:00 M. Hr. 30 Min. From (B) 11 P.S.I. To (C) 23 P.S.I.

Tool Closed I.C.I.P. From 5:00 M. to 5:30 M. Hr. 30 Min. (D) 1096 P.S.I.

Tool Open F.F.P. From 5:30 M. to 6:00 M. Hr. 30 Min. From (E) 23 P.S.I. To (F) 34 P.S.I.

Tool Closed F.C.I.P. From 6:00 M. to 6:30 M. Hr. 30 Min. (G) 318 P.S.I.

Initial Hydrostatic Pressure (A) 2126 P.S.I. Final Hydrostatic Pressure (H) 2126 P.S.I.

SURFACE Size Choke 1 1/2 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____

INFORMATION _____ M. _____

_____ M. _____

_____ M. _____

BLOW Weak 10 1/4 in. Died Bottom Choke Size 1 1/2 In.

Did Well Flow ☒ Yes ☐ No Recovery Total Ft. 25' slight Oil Cut mud

Reversed Out ☐ Yes ☒ No Mud Type Shale Viscosity 47 Weight 10 Maximum Temp. 102°F

EXTRA EQUIPMENT: Dual Packers yes Safety Joint NO Jars: Size _____ Make _____ Ser. No. _____

Type Circ. Sub. WICK OFF Did Tool Plug? NO Where? _____ Did Packer Hold? yes

Length Drill Pipe 2725 ft. I. D Drill Pipe 3 1/2 In. Length Weight Pipe 1000 ft. I. D. Weight Pipe 2 1/2 In. Length Drill Collars _____ ft.

I. D. Drill Collars _____ In. Length D. S. T. Tool 43 ft.

Remarks _____

GARVEY DRILLING COMPANY

TESTING DIVISION

1-95-27W
ppv SE-NE-SE
No 3285

Company Pet. Inc. Lease & Well No. O'Dell #1

Elevation _____ Ticket Number _____

Date 6-9-69 Sec. _____ Twp. _____ Range _____ County Sheridan State Montana

Test Approved by Lee Bulson Garvey Representative Doyle Folkeerts

Formation Test No. 4 O.K. ☒ Misrun ☐ Interval Tested From 3828 to 3847 Total Depth 3847

Size Main Hole 7 7/8 Rat Hole _____ Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No ☐ Conv. ☒ B.T. ☐ Damaged ☐ Yes ☐ No ☐

Packer Depth 3822 Ft. Size 6 3/4 Packer Depth 3828 Ft. Size 6 3/4

Straddle ☐ Yes ☒ No ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No ☐

Packer Depth _____ Ft. Size _____

Tool Size 5" Tool Jt. Size 5 1/2 Anchor Length 19 Ft. Size 4 1/2 FRI

RECORDERS Depth 3833 Ft. Clock No. 8701 Depth 3836 Ft. Clock No. 118

Top Make Kuske Cap 4300 No. 2714 Inside 51 Outside _____

Below Straddle: Depth _____ Clock No. _____ Inside _____ Outside _____

Top Make _____ Cap _____ No. _____ Inside _____ Outside _____

Bottom Make _____ Cap _____ No. _____ Inside _____ Outside _____

Time Set Packer 2:28 PM

Tool Open I.F.P. From 3:00 M. to 3:30 M. Hr. 30 Min. From (B) 23 P.S.I. To (C) 34 P.S.I.

Tool Closed I.C.I.P. From 3:30 M. to 4:00 M. Hr. 30 Min. (D) 1271 P.S.I.

Tool Open F.F.P. From 4:00 M. to 5:00 M. Hr. 1 Min. From (E) 45 P.S.I. To (F) 102 P.S.I.

Tool Closed F.C.I.P. From 5:00 M. to 6:00 M. Hr. 1 Min. (G) 1271 P.S.I.

Initial Hydrostatic Pressure (A) 2137 P.S.I. Final Hydrostatic Pressure (H) 2137 P.S.I.

SURFACE Size Choke 4 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____

INFORMATION _____ M. _____

_____ M. _____

_____ M. _____

BLOW W-2K Bottom Choke Size 2 In.

Did Well Flow ☒ Yes ☐ No Recovery Total Ft. 200' very slight oil speckled mud

Reversed Out ☐ Yes ☒ No Mud Type Chert Viscosity 45 Weight 10.3 Maximum Temp. 112 °F

EXTRA EQUIPMENT: Dual Packers YES Safety Joint NO Jars: Size _____ Make _____ Ser. No. _____

Type Circ. Sub 1 1/2" 6 1/2" Did Tool Plug? NO Where? _____ Did Packer Hold? YES

Length Drill Pipe 2805 ft. I. D Drill Pipe 3 1/2 In. Length Weight Pipe 1000 ft. I. D. Weight Pipe 2 1/2 In. Length Drill Collars _____ ft.

I. D. Drill Collars _____ In. Length D. S. T. Tool 42 ft.

Remarks _____

GARVEY DRILLING COMPANY

TESTING DIVISION

1-95-27W
appr SE-NE-SE
No 3286

Company Pet. Inc. Lease & Well No. O'Dell #1

Elevation _____ Ticket Number _____

Date 6-10-69 Sec. _____ Twp. _____ Range _____ County Sherridan State Kansas

Test Approved by Lee Paulsen Garvey Representative Doyle Folkerts

Formation Test No. 5 O.K. ☒ Mfrun. _____ Interval Tested From 3880 to 3932 Total Depth 3932

Size Main Hole 7 7/8 Rat Hole _____ Conv. ☒ B.T. _____ Damaged _____ Yes ☒ No _____ Conv. ☒ B.T. _____ Damaged ☒ Yes _____ No _____

Packer Depth 3874 Ft. Size 6 1/4 Packer Depth 3880 Ft. Size 6 3/4

Straddle _____ Yes ☒ No _____ Conv. _____ B.T. _____ Damaged _____ Yes _____ No _____

Packer Depth _____ Ft. Size _____

Tool Size 5" Tool Jt. Size 5 1/2" Anchor Length 52 Ft. Size 4 1/2 FH

RECORDERS Depth 3885 Ft. Clock No. 8701 Depth 3888 Ft. Clock No. 118

Top Make Kuster Cap 4300 No. 2714 Inside _____ Outside _____ Bottom Make Waters Cap 4000 No. 51 Inside _____ Outside _____

Below Straddle: Depth _____ Clock No. _____ Inside _____ Outside _____

Top Make _____ Cap _____ No. _____ Inside _____ Outside _____ Bottom Make _____ Cap _____ No. _____ Inside _____ Outside _____

Time Set Packer 7:28 AM

Tool Open I.F.P. From 7:20 to 8:00 M. Hr. 30 Min. From (B) 23 P.S.I. To (C) 23 P.S.I.

Tool Closed I.C.I.P. From 8:00 M. to 8:30 M. Hr. 30 Min. (D) 1304 P.S.I.

Tool Open F.F.P. From 8:30 M. to 9:00 M. Hr. 30 Min. From (E) 45 P.S.I. To (F) 45 P.S.I.

Tool Closed F.C.I.P. From 9:00 M. to 9:10 M. Hr. 20 Min. (G) 1113 P.S.I.

Initial Hydrostatic Pressure (A) 2180 P.S.I. Final Hydrostatic Pressure (H) 2126 P.S.I.

SURFACE Size Choke 4 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____

INFORMATION _____ M. _____

_____ M. _____

_____ M. _____

BLOW W-2K 3017 in. Died Bottom Choke Size 5 in.

Did Well Flow _____ Yes ☒ No _____ Recovery Total Ft. 20' Oil Spacked Mud

Reversed Out _____ Yes ☒ No _____ Mud Type Chc 19 Viscosity 41 Weight 10.4 Maximum Temp. 112 °F

EXTRA EQUIPMENT: Dual Packers yes Safety Joint _____ Jars: Size _____ Make _____ Ser. No. _____

Type Circ. Sub. 1000 ft. off Did Tool Plug? NO Where? _____ Did Packer Hold? yes

Length Drill Pipe 1457 ft. I. D Drill Pipe 3 1/2 In. Length Weight Pipe 1000 ft. I. D. Weight Pipe 22 In. Length Drill Collars _____ ft.

I. D. Drill Collars _____ In. Length D. S. T. Tool 75 ft.

Remarks _____

GARVEY DRILLING COMPANY

TESTING DIVISION

1-95-27W
app SE-NE-SE
No 3287

Company Pet Inc. Lease & Well No. O'Dell #1

Elevation _____ Ticket Number _____

Date 6-10-69 Sec. _____ Twp. _____ Range _____ County Sheldon State Kansas

Test Approved by Lee Poulson Garvey Representative Doyle Folkerts

Formation Test No. 6 O.K. ☒ Misrun ☐ Interval Tested From 3910 to 4004 Total Depth 4004

Size Main Hole 7 1/2 Rat Hole _____ Conv. ☒ B.T. _____ Damaged ☐ Yes ☒ No ☐ Conv. _____ B.T. _____ Damaged ☐ Yes ☐ No ☐

Packer Depth 3910 Ft. Size 6 1/2 Packer Depth _____ Ft. Size _____

Straddle ☐ Yes ☒ No ☐ Conv. _____ B.T. _____ Damaged ☐ Yes ☐ No ☐

Tool Size 5" Tool Jt. Size 5 1/2" Anchor Length 94 Ft. Size 4 1/2 FH

RECORDERS Depth 3915 Ft. Clock No. 8701 Depth 3918 Ft. Clock No. 118

Top Make Huster Cap. 4300 No. 2774 Inside Western Cap. 4000 No. 51 Outside

Below Straddle: Depth _____ Clock No. _____ Inside _____ Outside _____

Top Make _____ Cap. _____ No. _____ Inside _____ Outside _____

Time Set Packer 10:28 P.M.

Tool Open I.F.P. From 10:30 M. to 11:00 M. Hr. 30 Min. From (B) _____ P.S.I. To (C) _____ P.S.I.

Tool Closed I.C.I.P. From 11:00 M. to 11:30 M. Hr. 30 Min. (D) 57 P.S.I.

Tool Open F.F.P. From 11:30 M. to 12:00 M. Hr. 30 Min From (E) _____ P.S.I. To (F) _____ P.S.I.

Tool Closed F.C.I.P. From 12:00 M. to 12:30 M. Hr. 30 Min. (G) 23 P.S.I.

Initial Hydrostatic Pressure (A) 2126 P.S.I. Final Hydrostatic Pressure (H) 2126 P.S.I.

SURFACE Size Choke 4 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____

INFORMATION _____ M. _____ M. _____ M. _____

BLOW weak bottom. Died. Bottom Choke Size 4 in.

Did Well Flow ☒ Yes ☐ No. Recovery Total Ft. 10 1/2

Reversed Out ☐ Yes ☒ No Mud Type Chem. Viscosity 43 Weight 10.3 Maximum Temp. 104°F

EXTRA EQUIPMENT: Dual Packers NO Safety Joint _____ Jars: Size _____ Make _____ Ser. No. _____

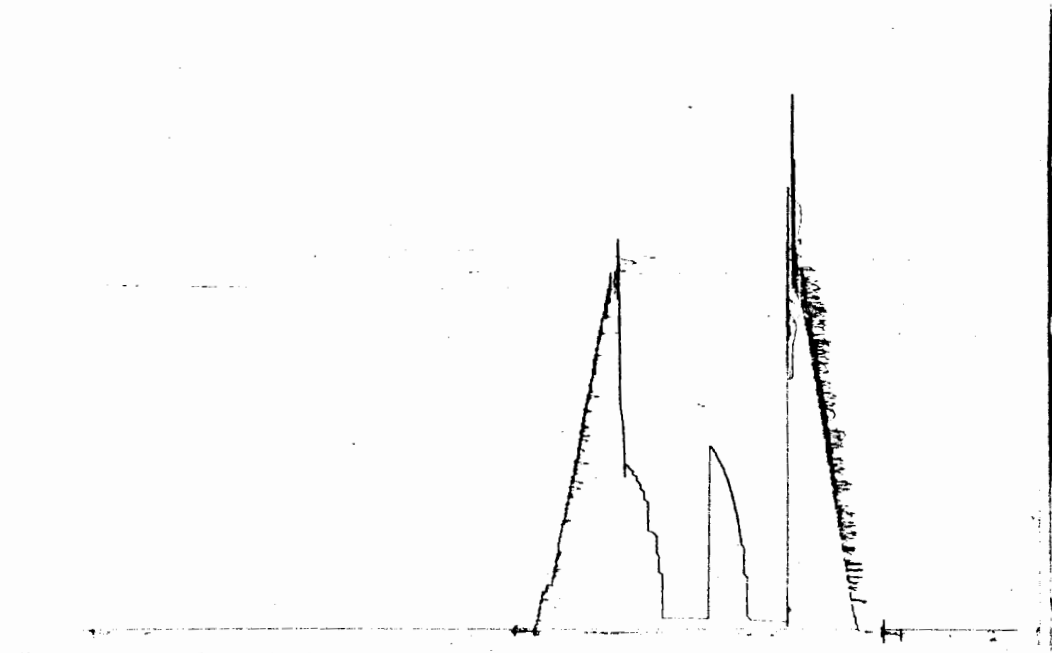
Type Circ. Sub. Knock Off Did Tool Plug? NO Where? _____ Did Packer Hold? YES

Length Drill Pipe 273 ft. I. D Drill Pipe 3 1/2 in. Length Weight Pipe 1000 ft. I. D. Weight Pipe 2 1/2 in. Length Drill Collars _____ ft.

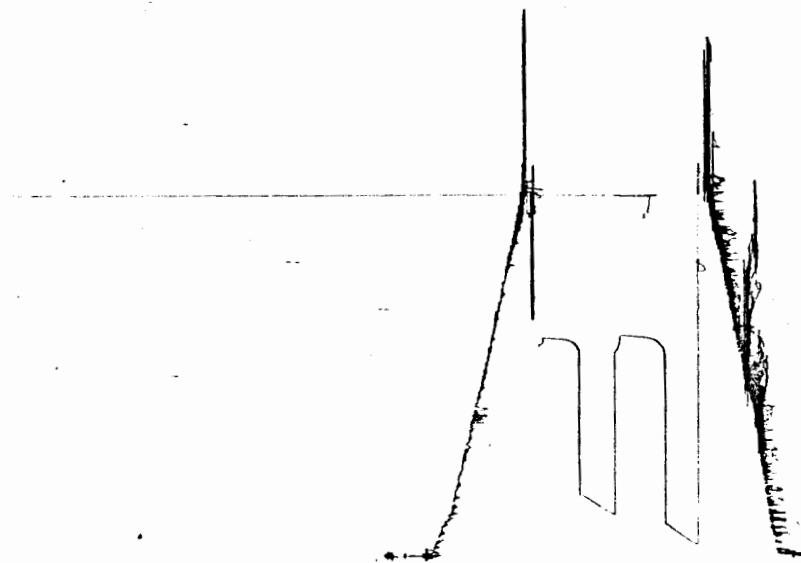
I. D. Drill Collars _____ in. Length D. S. T. Tool 111 ft.

Remarks _____

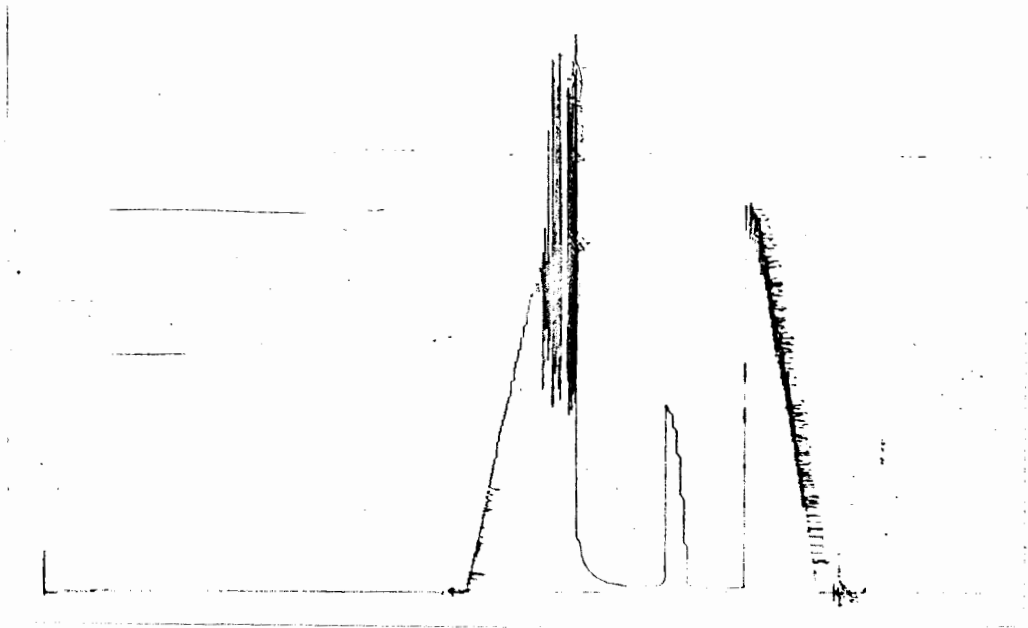
3282



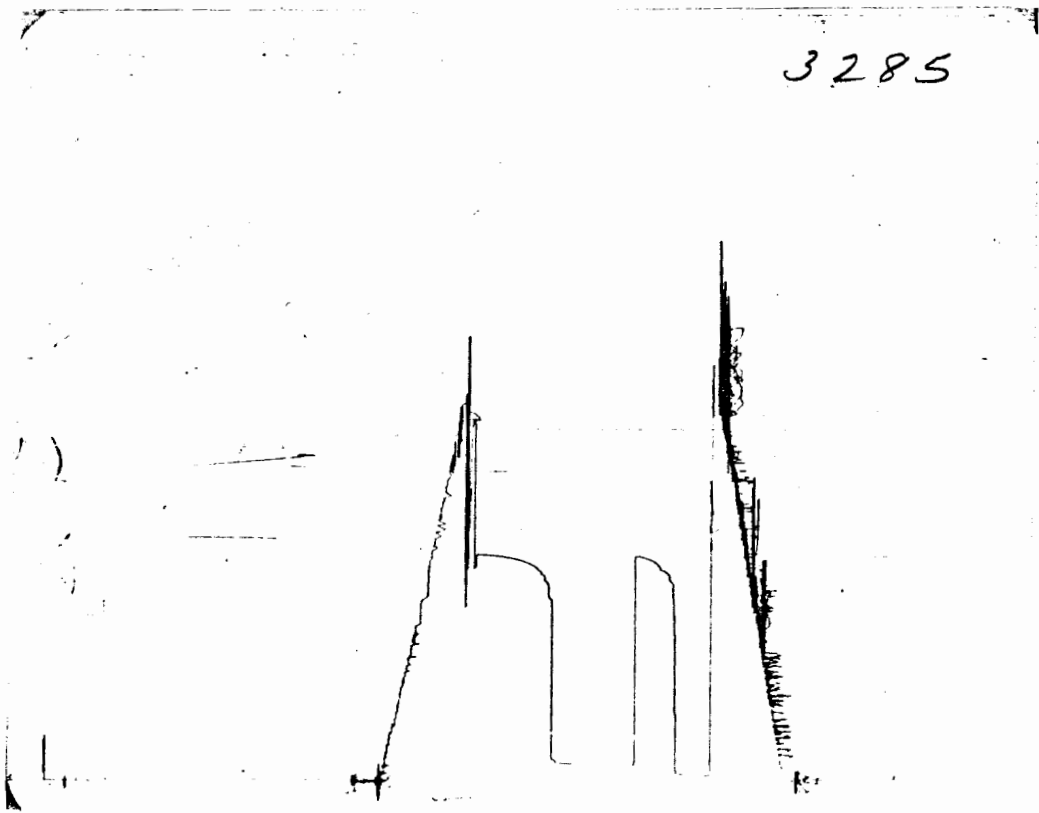
3283



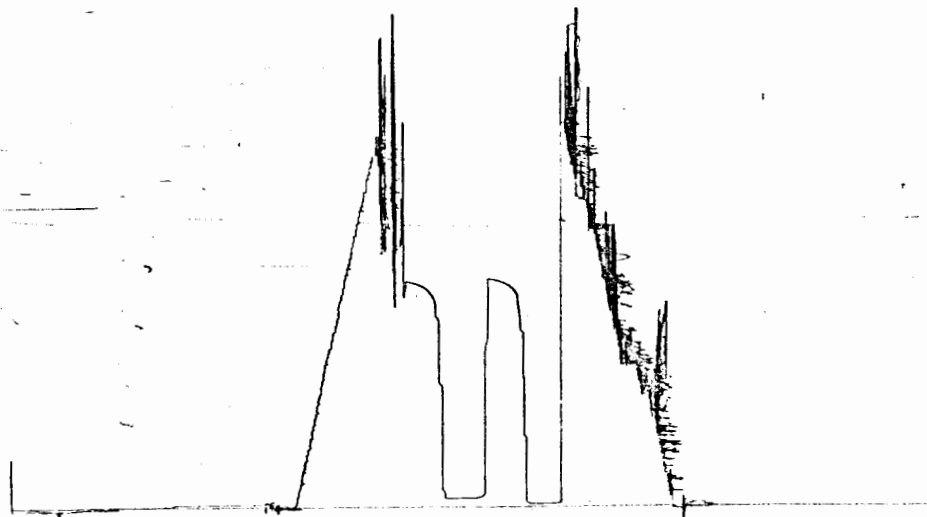
3284



3285



3286



3287

