

GARVEY DRILLING COMPANY

TESTING DIVISION

ticket #2343

Best Scanned Copy

Company Pet Inc Lease & Well No. Gates G-3
 Date 10-23-62 Sec. 33 Twp. 21s Range 13W County Stafford State Kansas
 Test Approved by Scott Ritchie Garvey Western Representative Doyle Folkerts

Formation Test No. 1 O.K. ☒ Misuri Interval Tested From 3513 to 3530 Total Depth 3530
 Size Main Hole 7 7/8 Rat Hole Conv. x B.T. Damaged Yes x No Conv. x B.T. Damaged Yes x No
 Packer Depth 3507 Ft. Size 6 3/4 Packer Depth 3513 Ft. Size 6 3/4
 Straddle Yes x No Conv. B.T. Damaged Yes No
 Packer Depth Ft. Size
 Tool Size 5" Tool Jt. Size 5 1/4" Anchor Length 17 Ft. Size 4 1/2 FH

RECORDERS Depth 3526 Ft. Clock No. 51 Depth 3528 Ft. Clock No. 52
 Top Make Western Cap. 4000 No. 51 Inside Outside Bottom Make Western Cap. 4000 No. 52 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

Set Packer 2:16 P M
 Tool Open I.F.P. From 2:20 M. to 2:30 M. Hr. 10 Min. From (B) 60 P.S.I. To (C) 60 P.S.I.
 Tool Closed I.C.I.P. From 2:30 M. to 3:00 M. Hr. 30 Min. (D) 760 P.S.I.
 Tool Open F.F.P. From 3:00 M. to 3:30 M. Hr. 30 Min From (E) 70 P.S.I. To (F) 70 P.S.I.
 Tool Closed F.C.I.P. From 3:30 M. to 4:00 M. Hr. 30 Min. (G) 690 P.S.I.
 Initial Hydrostatic Pressure (A) 1880 P.S.I. Final Hydrostatic Pressure (H) 1880 P.S.I.

SURFACE Size Choke 1 In. Max. Press. P.S.I. Time Description of Flow
 INFORMATION M.
M.
M.

BLOW Weak 10 min. Bottom Choke Size 1 in.
 Did Well Flow Yes x No Recovery Total Ft. 15 Oil Gas Water Mud
15'

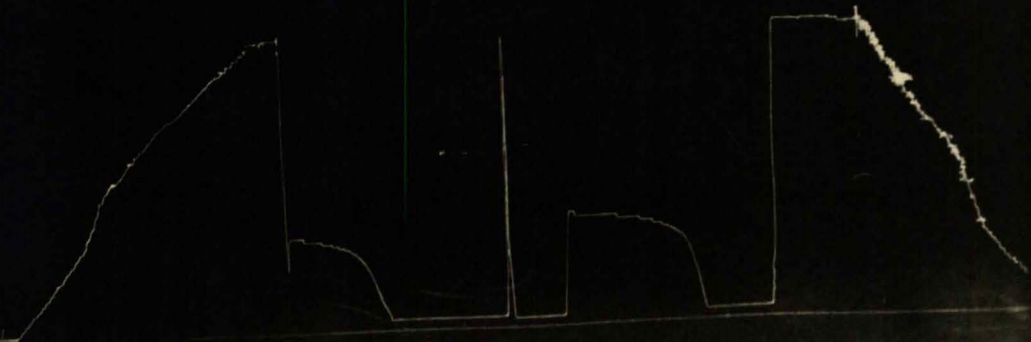
Reversed Out Yes x No Mud Type Starch Viscosity 38 Weight 9.9 Maximum Temp. 100 °F
 EXTRA EQUIPMENT: Dual Packers yes Safety Joint no Jars: Size Make Ser. No.
 Type Circ. Sub. Halliburton Did Tool Plug? no Where? Did Packer Hold? yes

Remarks Flush Tool

Gates C-3 DST #1

3

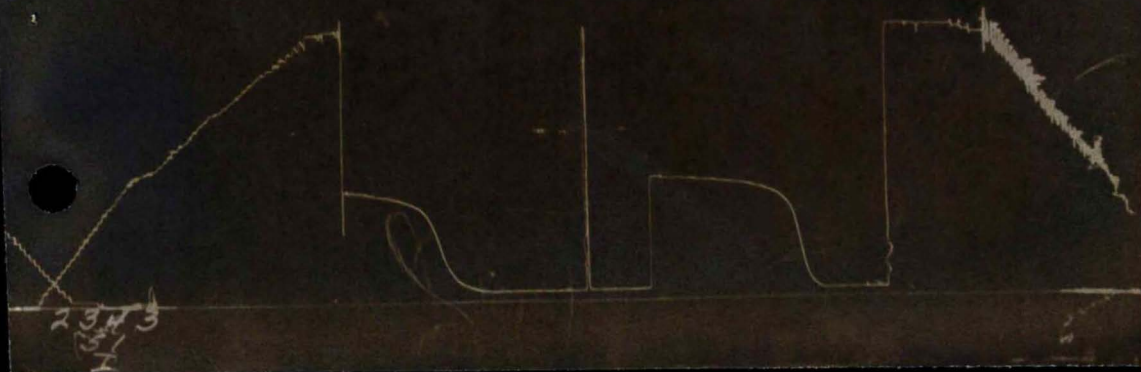
2



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0513

Gates C-3

DST #1



GARVEY DRILLING COMPANY

TESTING DIVISION

ticket #2344

Company Pet Inc Lease & Well No. Gates C-3
 Date 10-24-62 Sec 33 Twp 21s Range 13w County Stafford State Kansas
 Test Approved by Scott Ritchie Garvey Doyle Folkerts
 Western Representative

Formation Test No. 2 O.K. ☒ Misrun _____ Interval Tested From 3533 to 3635 Total Depth 3635
 Size Main Hole 7 7/8 Rat Hole _____ Conv. ☒ B.T. _____ Damaged Yes ☒ No _____ Conv. ☒ B.T. _____ Damaged Yes ☒ No _____
 Packer Depth 3527 Ft. Size 6 3/4 Packer Depth 3533 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 102 Ft. Size 4 1/2 FH

RECORDERS Depth 3631 Ft. Clock No. 51 Depth 3633 Ft. Clock No. 52
 Top Make Western Cap. 4000 No. 51 Inside Inside Bottom Make Western Cap. 4000 No. 52 Inside Inside
 Below Straddle: Depth _____ Clock No. _____ Outside _____ Depth _____ Ft. Clock No. _____ Outside _____
 Top Make _____ Cap. _____ No. _____ Inside _____ Bottom Make _____ Cap. _____ No. _____ Inside _____
 Outside _____ Outside _____

Set Packer 8:45 A _____ M _____
 Tool Open I.F.P. From 8:50 M. to 9:00 M. Hr. 10 Min. From (B) 160 P.S.I. To (C) 160 P.S.I.
 Tool Closed I.C.I.P. From 9:00 M. to 9:30 M. Hr. 30 Min. (D) 790 P.S.I.
 Tool Open F.F.P. From 9:30 M. to 10:05 M. Hr. 35 Min. From (E) 160 P.S.I. To (F) 160 P.S.I.
 Tool Closed F.C.I.P. From 10:05 M. to 10:35 M. Hr. 30 Min. (G) 100 P.S.I.
 Initial Hydrostatic Pressure (A) 2010 P.S.I. Final Hydrostatic Pressure (H) 2010 P.S.I.

SURFACE Size Choke 1 in. Max. Press. P.S.I. _____ Time _____ Description of Flow _____
 INFORMATION _____

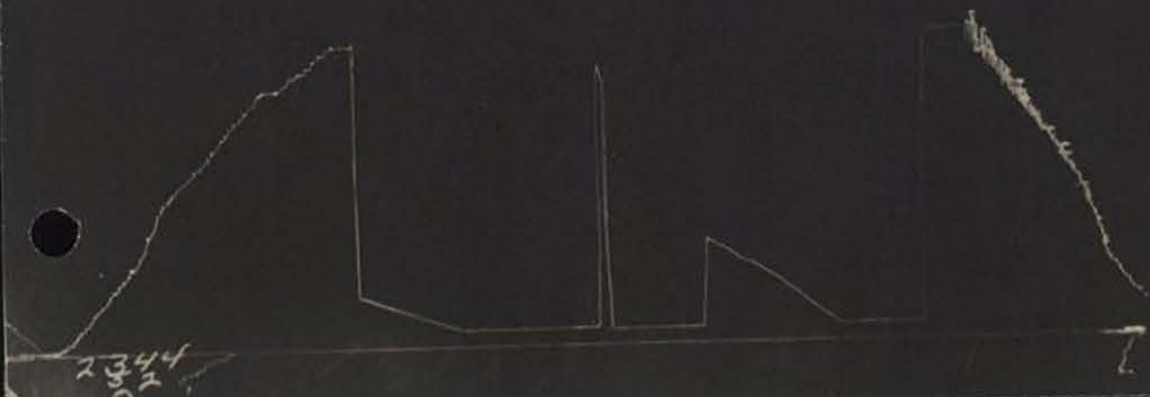
BLOW Weak 25 min Bottom Choke Size 1 in.
 Did Well Flow Yes ☒ No _____ Recovery Total Ft. 30' Oil _____ Gas _____ Water _____
 Mud _____

Reversed Out Yes ☒ No _____ Mud Type Starch Viscosity 43 Weight 10 Maximum Temp 104 °F
 EXTRA EQUIPMENT: Dual Packers Yes Safety Joint No Jars: Size _____ Make _____ Ser. No. _____
 Type Circ. Sub Halliburton Did Tool Plug? No Where? _____ Did Packer Hold? Yes

Remarks Flush Tool

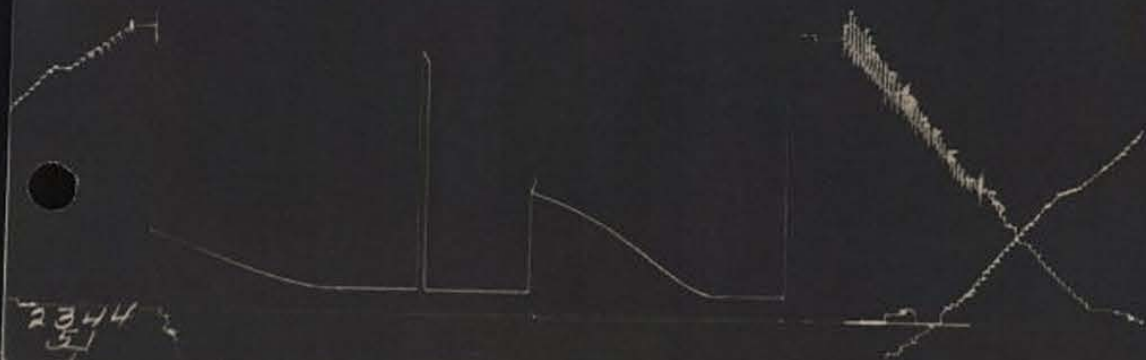
Gates C-3

DST "2"



Gates C-3

057



2344
51

GARVEY DRILLING COMPANY

TESTING DIVISION

ticket #2345

Company Pet Inc Lease & Well No. Gates C-3
 Date 10-25-62 Sec 33 Twp 21s Range 13w County Stafford State Kan
 Test Approved by Scott Ritchie Garvey Doyle Folkerts
 Western Representative

Formation Test No. 3 O.K. ☒ Misrun ☐ Interval Tested From 3637 to 3704 Total Depth 3704
 Size Main Hole 7 7/8 Rat Hole ☐ Conv. ☒ B.T. ☐ Damaged ☐ Yes ☐ No ☐ Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No ☐
 Packer Depth 3637 Ft. Size 6 3/4 Packer Depth 3637 Ft. Size 6 3/4
 Straddle ☐ Yes ☐ No ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No ☐
 Packer Depth Ft. Size
 Tool Size 5" Tool Jr. Size 5 1/2" Anchor Length 67 Ft. Size 4 1/2 RH

RECORDERS Depth 3700 Fr. Clock No. 51 Depth 3702 Fr. Clock No. 52
 Top Make Western Cap. 4000 No. 51 Inside Outside Bottom Make Western Cap. 4000 No. 52 Inside Outside
 Below Straddle: Depth Clock No. Inside Outside Depth Fr. Clock No. Inside Outside
 Top Make Cap. No. Inside Outside Bottom Make Cap. No. Inside Outside

Set Packer 12:45 A M
 Tool Open I.F.P. From 12:50 M. to 12:55 M. Hr. 5 Min. From (B) 120 P.S.I. To (C) 120 P.S.I.
 Tool Closed I.C.I.P. From 12:55 M. to 1:25 M. Hr. 30 Min. (D) 120 P.S.I.
 Tool Open F.F.P. From 1:25 M. to 3:25 M. 2 Hr. Min. From (E) 120 P.S.I. To (F) 120 P.S.I.
 Tool Closed F.C.I.P. From 3:25 M. to 3:55 M. Hr. 30 Min. (G) 120 P.S.I.
 Initial Hydrostatic Pressure (A) 2060 P.S.I. Final Hydrostatic Pressure (H) 2060 P.S.I.

SURFACE Size Choke 1 In. Max. Press. P.S.I. Time Description of Flow
 INFORMATION

BLOW Bottom Choke Size 1 In.
 Did Well Flow Yes ☒ No ☐ Recovery Total Ft. 30 Oil Gas Water Mud
 Reversed Out Yes ☒ No ☐ Mud Type Starch Viscosity 44 Weights 10.1 Maximum Temp. 100 °F
 EXTRA EQUIPMENT: Dual Packers Yes Safety Joint NO Jars: Size Make Ser. No.
 Type Circ. Sub Halliburton Did Tool Plug? NO Where? Did Packer Hold? YES

Remarks

Gates C-3



2345

Gates C-3

DST #3



2345
52

GARVEY DRILLING COMPANY

TESTING DIVISION

ticket #2346

Company Pat Inc Lease & Well No. Gates C-3,
 Date 10-26-62 Sec. 33 Twp. 21s Range 13w County Stafford State Kansas
 Test Approved by Scott H. Hobbie Garvey Doyle Folwerth
 Western Representative

Formation Test No. 11 O.K. ☒ Misrun ☐ Interval Tested From 3712 to 3752 Total Depth 3752
 Size Main Hole 7 7/8 Rat Hole ☐ Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No ☐ Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No ☐
 Packer Depth 3712 Ft. Size 6 3/4 Packer Depth 3752 Ft. Size 6 3/4
 Straddle ☐ Yes ☒ No ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No ☐
 Packer Depth 3712 Ft. Size 6 3/4
 Tool Size 5" Tool Jt. Size 5" Anchor Length 5 Ft. Size 4 1/2 FT

RECORDERS Depth 3733 Ft. Clock No. 51 Inside 5133
 Top Make Western Cap. 4000 No. 51 Bottom Make Western Cap. 4000 No. 52 Inside 5133
 Below Straddle: Depth 3735 Ft. Clock No. 52 Inside 5133
 Top Make Western Cap. 4000 No. 51 Bottom Make Western Cap. 4000 No. 52 Inside 5133

Set Packer 11:45 P
 Tool Open I.F.P. From 11:50 M. to 12:00 M. Hr. 10 Min. From (B) 90 P.S.I. To (C) 90 P.S.I.
 Tool Closed I.C.I.P. From 12:00 M. to 12:30 M. Hr. 30 Min. (D) 1030 P.S.I.
 Tool Open F.F.P. From 12:30 M. to 2:30 M. Hr. 2 Min. From (E) 90 P.S.I. To (F) 90 P.S.I.
 Tool Closed F.C.I.P. From 2:30 M. to 3:00 M. Hr. 30 Min. (G) 170 P.S.I.
 Initial Hydrostatic Pressure (A) 2120 P.S.I. Final Hydrostatic Pressure (H) 2120 P.S.I.

SURFACE Size Choke 1 in. Max. Press. P.S.I. 45 Time 11:45 Description of Flow Weak
 INFORMATION

BLOW Weak Bottom Choke Size 1 in.
 Did Well Flow ☒ Yes ☐ No Recovery Total Ft. 45 45' Muddy Oil ☐ Gas ☐ Water ☐ Mud ☐

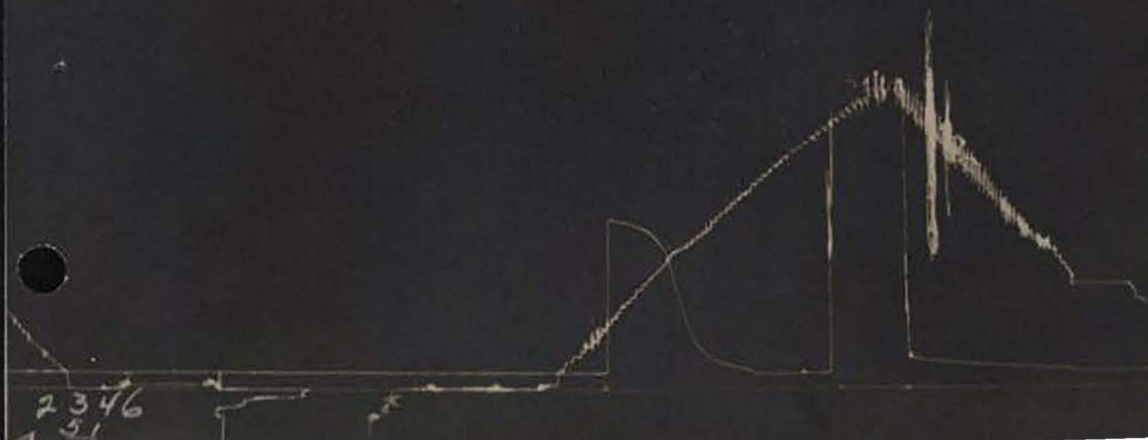
Reversed Out ☒ Yes ☐ No Mud Type Starch Viscosity 45 Weight 10.1 Maximum Temp. 112 °F
 EXTRA EQUIPMENT: Dual Packers ☒ Safety Joint ☐ Jars: Size no Make no Ser. No. no
 Type Circ. Sub Halliburton Did Tool Plug? ☐ Where? no Did Packer Hold? ☒ yes
 Remarks

Gates C-3

DET = 4

2346

51



Gates C-3

DST #4



2376
521

GARVEY DRILLING COMPANY

TESTING DIVISION

ticket #2347

Company Garvey Pet Ino Qates C-3 Lease & Well No. Qates C-3
 Date 10-26-62 Sec 33 Twp 21 Range 13 County Stafford State Kansas
 Test Approved by Scott Ritchie Western Representative Doyle Folkerts

Formation Test No. 5 O.K. X Misrun Interval Tested From 3752 to 3757 Total Depth 3757
 Size Main Hole 7 7/8 Rat Hole Conv. X B.T. Damaged Yes X No Conv. X B.T. Damaged Yes X No
 Packer Depth 3746 Ft. Size 6 3/4 Packer Depth 3752 Ft. Size 6 3/4
 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 5 Ft. Size 4 1/2 7/8

RECORDERS Depth 3738 Fr. Clock No. 51 Depth 3740 Fr. Clock No. 52
 Top Make Western Cap 4000 No 51 Inside Bottom Make Western Cap 4000 No 52 Inside
 Below Straddles: Depth Clock No. Outside Depth Fr. Clock No. Outside
 Top Make Cap No Inside Bottom Make Cap No Inside

Set Packer 10:10 A M
 Tool Open I.F.P. From 10:15 M. to 10:20 M. Hr. 5 Min. From (B) 90 P.S.I. To (C) 90 P.S.I.
 Tool Closed I.C.I.P. From 10:20 M. to 10:50 M. Hr. 30 Min. (D) 1030 P.S.I.
 Tool Open F.F.P. From 10:50 M. to 11:50 M. Hr. 1 Min. From (E) 160 P.S.I. To (F) 200 P.S.I.
 Tool Closed F.C.I.P. From 11:50 M. to 12:20 M. Hr. 30 Min. (G) 730 P.S.I.
 Initial Hydrostatic Pressure (A) 2052 P.S.I. Final Hydrostatic Pressure (H) 2052 P.S.I.

SURFACE 2 1/2 In. Time Description of Flow
 INFORMATION

BLOW Good Bottom Choke Size 1 In.
 Did Well Flow Yes X No Recovery Total Ft. 635' 525' Oil 180 Gas Water
 Reversed Out Yes X No Mud Type starch Viscosity 14 Weight 10.1 Maximum Temp 120 °F
 EXTRA EQUIPMENT: Dual Packers Yes Safety Joint no Jars Size Make Ser. No.
 Type Circ. Sub Halliburton Did Tool Plug? no Where? Did Packer Hold? yes

Remarks

Gates C-3

DST #5

2347

52

Gates C-3

DST "S"

2347

5
1

13