



Home Office: Great Bend, Kansas
P. O. Box 793 Gladstone 3-7903

Company Bowers Drilling Company Lease & Well No. Fitzgerald #1
Elevation 1428 Derrick Floor; Formation- Miss. Ticket Number 4211
Date Feb. 28, 1965 Sec. 30 Twp. 33s Range 11W County Barber State Kansas
Test Approved by Robert McCann Western Representative Guy M. Knipe

Formation Test No. 1 O.K. ☒ Misrun ☐ Interval Tested From 4543' to 4564' Total Depth 4564'
Size Main Hole 7 7/8 Rat Hole ☐ Conv. ☐ B.T. ☒ Damaged ☒ Yes ☒ No ☐ Conv. ☒ B.T. ☐ Damaged ☒ Yes ☒ No
Packer Depth 4540 Ft. Size 6 3/4 Packer Depth 4543 Ft. Size 6 3/4
Straddle ☐ Yes ☒ No ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No
Packer Depth ☐ Ft. Size ☐
Tool Size 5 1/2 OD Tool Jt. Size 4 1/2 FH Anchor Length 21 Ft. Size 5 1/2 OD

RECORDERS Depth 4556 Ft. Clock No. 5665 Depth 4559 Ft. Clock No. 150
Top Make Kuster Cap. 4200 No. 1559 Inside Outside Bottom Make Western Cap. 4000 No. 59 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 1:17 P M
Tool Open I.F.P. From 1:20P M to 1:25P M Hr. 5 Min. From (B) 472 P.S.I. To (C) 472 P.S.I.
Tool Closed I.C.I.P. From 1:25P M. to 1:55P M. Hr. 30 Min. (D) 1588 P.S.I.
Tool Open F.F.P. From 1:55P M. to 2:27P M. Hr. 32 Min. From (E) 533 P.S.I. To (F) 735 P.S.I.
Tool Closed F.C.I.P. From 2:27P M. to 2:58P M. Hr. 31 Min. (G) 1552 P.S.I.
Initial Hydrostatic Pressure (A) 2466 P.S.I. Final Hydrostatic Pressure (H) 2443 P.S.I.

SURFACE Size Choke 3/4 In. Max. Press. P.S.I. Time Description of Flow
INFORMATION 5 lb. 5 M. 1,630,000 MCF
13 lb. 10 M. 2,630,000 MCF
M. M.

BLOW Strong gas in three minutes spraying oil in 20 minutes. Bottom Choke Size 3/4 In.
Did Well Flow ☒ Yes ☐ No Recovery Total Ft. (372' total) 312' clean oil ; 60' mud cut oil

Reversed Out ☐ Yes ☒ No Mud Type starch Viscosity 43 Weight 10.1 Maximum Temp. 119 *F
EXTRA EQUIPMENT: Dual Packers yes Safety Joint ☐ Jars: Size ☐ Make ☐ Ser. No. ☐
Type Circ. Sub. plug Did Tool Plug? no Where? ☐ Did Packer Hold? yes
Length Drill Pipe 4401 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe ☐ ft. I.D. Weight Pipe ☐ in. Length Drill Collars 120 ft.
I.D. Drill Collars 2 1/4 in. Length D. S. T. Tool 43 ft.
Remarks

Bowers Drlg. Co.
Fritzgerald #1

TEST #1
TKT #4211

