SUPERIOR TESTERS, INC.

433 SOUTH WESTVIEW, DERBY, KANSAS

Date 8-25/70 Ticket No. 1908 Elevation 1814 DF

Total Depth 3450 Tested From 3525 To 3450. Formation Tested Kansas City

Blow Strong blowthrough out test

Mud Wt. 9.7 Viscosity 42 Bottom Hole Temp 109

Size Bottom Choke 1/2" Size Top Choke 1/2"

Size Drill Pipe 4½" XH Size Hole 7 7/8" Length Air Chamber - Ft.

Initial Shut in Time 30 Min Tool Open 1 Hr 30 Min Final Shut in Time 30 Min

Recovery Gas to surface, 125' muddy gassy oil, 440' gassy oil- muddy through out, 10' black heavy oil and gas cut mud

Office Corrected Pressure Reading

Initial Shut in Pressure	984	Lbs
Initial Flow Pressure	80	Lbs
Final Flow Pressure	248	Lbs
Final Shut in Pressure	960	Lbs
Initial Hydrostatic Pressure	1856	Lbs
Final Hydrostatic Pressure	1828	Lbs

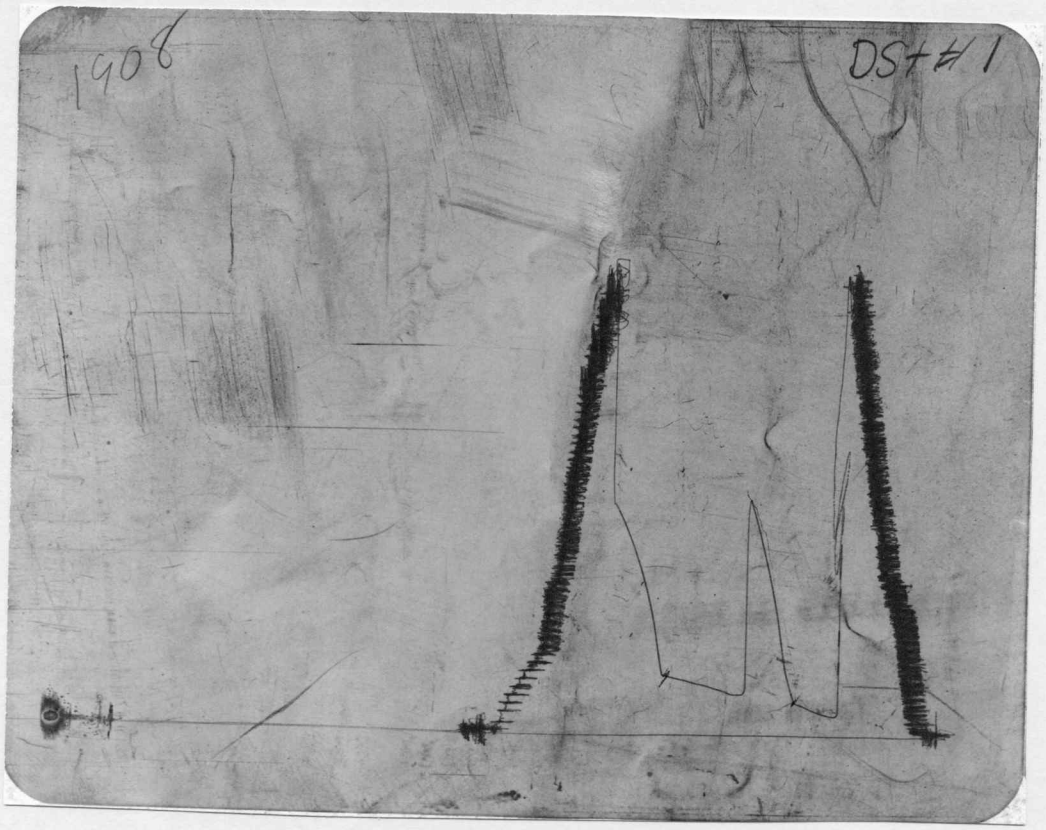
Remarks Gas to surface in 30 minutes - to small to gau ge

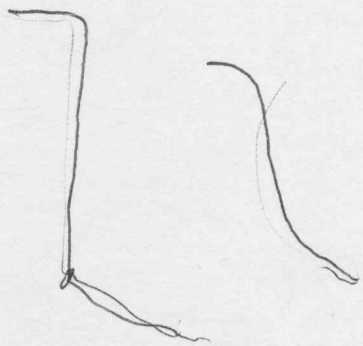
Witnessed By Richard M. Foley

Tool Operator Art Budig

Location NE,SE,NE 6-23S-11W County Stafford State Kansas

Name of Lease Murphy Well No. 1 Test No. 1 Company Glen Rupe


1408
DST #1



SUPERIOR TESTERS, INC.

433 SOUTH WESTVIEW, DERBY, KANSAS

Date 8-25-70 Location 6-23-11 Elevation

Company Glen Rupp

Address 222 Brown Building, Wichita KANSAS

Charts mailed to 222 Brown Building Number of Copies

Invoice Mailed To 222 Brown Building, Wichita KANSAS

Lease Murphy Well No. 1 County STAFFORD

Depth 3450 Tested From 3425 To 3450 Size of Hole 7 7/8

Size Drill Pipe 4 X.H. Size Packer 6 3/4 Length Air Chamber —

Formation Tested Kansas City Tool Open At 3:30 PM Test No. 1

Initial Shut in Time 30 Min Tool Open 1 Hr. 30 Min Final Shut in Time 30 M

Blow strong blow thru out test

Gas to Surface 30 Min Oil to Surface — M

Gas Gauged to small Amount

Recovery gas to surface 10' black H.O.C.M.
125' muddy gassy oil
440 gassy oil, muddy thruout

Remarks

Initial Shut in Pressure 984 Lbs. Initial Flow Pressure 80 Lbs. Final Flow Pressure 248 L

Final Shut in Pressure 960 Lbs. Initial Hydrostatic Pressure 1856 Lbs. Final Hydrostatic Pressure 1828 L

Mud Wt. 9.7 Viscosity 42

Bottom Choke 1/2" Top Choke 1/2"

Bottom Hole Temperature 109°

Field or Purchase Order No. —

Extra Equipment —

Price of Job 210.00 Operator Time — Hrs.

Tool Operator Glen Bunting

Approved By Richard McFarling

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Ticket No. 1908

SUPERIOR TESTERS, INC.

433 SOUTH WESTVIEW, DERBY, KANSAS

Date 8/26/70 Ticket No. 1909 Elevation 1814 DF

Total Depth 3462 Tested From 3453 To 3462. Formation Tested Kansas City

Blow 16 minute weak blow

Mud Wt. 9.7 Viscosity 42 Bottom Hole Temp 110

Size Bottom Choke 1/2" Size Top Choke 1/2"

Size Drill Pipe 4½" XH Size Hole 7 7/8" Length Air Chamber - Ft.

Initial Shut in Time 45 Min Tool Open Hr. 45 Min Final Shut in Time 45 Min

Recovery 10' of mud

Office Corrected Pressure Reading

Initial Shut in Pressure	992	Lbs
Initial Flow Pressure	32	Lbs
Final Flow Pressure	40	Lbs
Final Shut in Pressure	800	Lbs
Initial Hydrostatic Pressure	1856	Lbs
Final Hydrostatic Pressure	1828	Lbs

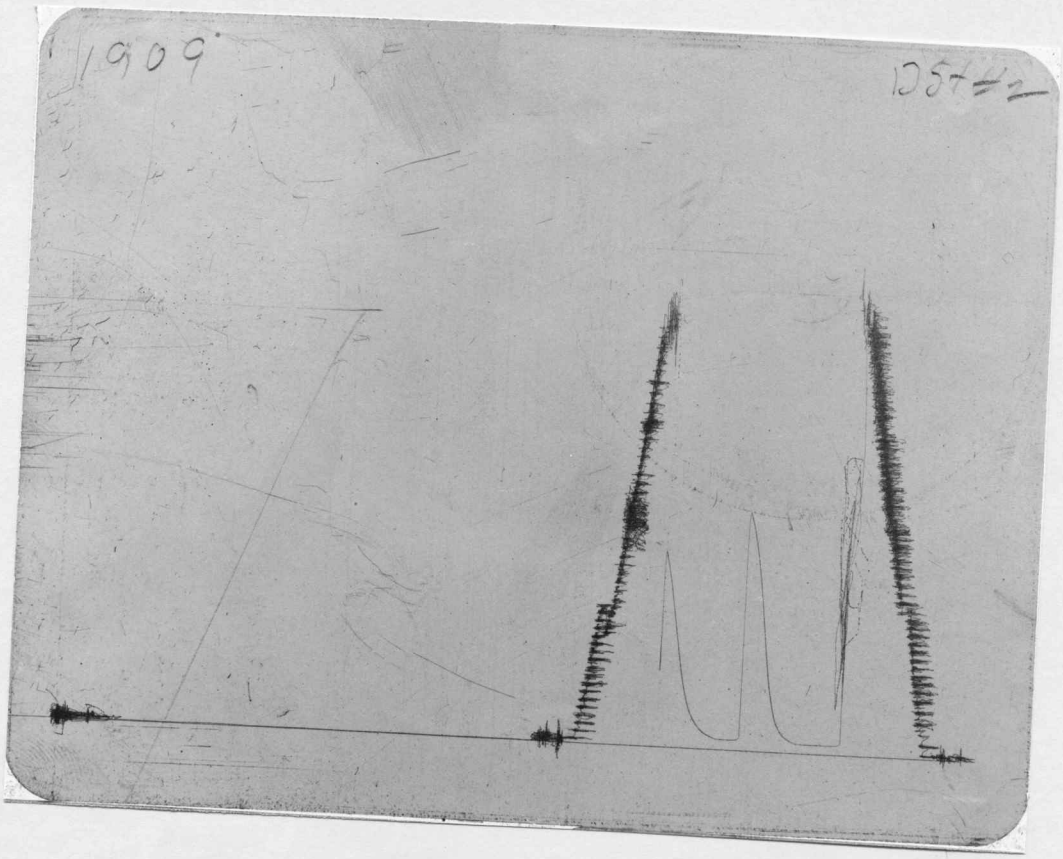
Remarks

Witnessed By Richard M, Foley

Tool Operator Art Budig

Location NE,SW,NE 6-23S-11W County Stafford State Kansas

Name of Lease Murphy Well No. 1 Test No. 2 Company Glen Rupe


1909
1057½

SUPERIOR TESTERS, INC.

433 SOUTH WESTVIEW, DERBY, KANSAS

Date 8-26-70 Location 6-23-11 Elevation 1814 DF

Company Glenn Rupe

Address 222 Brown Building Wichita Kansas

Charts mailed to 222 Brown Building Wichita Number of Copies 5

Invoice Mailed To 222 Brown Building Wichita Kansas

Lease Murphy Well No. 1 County Stafford

Depth 3462 Tested From 3453 To 3462 Size of Hole 7 7/8

Size Drill Pipe 4½ XH Size Packer 6 3/4 Length Air Chamber —

Formation Tested Kansas City Tool Open At 2:55 A M Test No. 2

Initial Shut in Time 45 Min Tool Open — Hr 45 Min Final Shut in Time 45 M

Blow 16 min weak blow

Gas to Surface — Min Oil to Surface — M

Gas Gauged —

Recovery 10' mud.

Remarks

Initial Shut in Pressure 992 Lbs. Initial Flow Pressure 32 Lbs. Final Flow Pressure 10 L

Final Shut in Pressure 800 Lbs. Initial Hydrostatic Pressure 1856 Lbs. Final Hydrostatic Pressure 1828 L

Mud Wt. 9.7 Viscosity 42

Bottom Choke ½" Top Choke ¼"

Bottom Hole Temperature 110°

Field or Purchase Order No. —

Extra Equipment —

Price of Job $210.00 Operator Time — Hrs.

Tool Operator Clifford Bruning

Approved By Eldred M. Foley

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Ticket No. 1909

SUPERIOR TESTERS, INC.

433 SOUTH WESTVIEW, DERBY, KANSAS

Date 8/27/70 Ticket No. 1910 Elevation 1814 DF

Total Depth 3535 Tested From 3483 To 3535. Formation Tested Kansas City

Blow Strong blow through out test

Mud Wt. 9.5 Viscosity 42 Bottom Hole Temp 115

Size Bottom Choke 1/2" Size Top Choke 1/2"

Size Drill Pipe 4½" XH Size Hole 7 7/8" Length Air Chamber - Ft.

Initial Shut in Time 45 Min Tool Open 1 Hr 30 Min Final Shut in Time 45 Min

Recovery 850' salt water, slightly gassy

Office Corrected Pressure Reading

Initial Shut in Pressure	1221	Lbs
Initial Flow Pressure	72	Lbs
Final Flow Pressure	480	Lbs
Final Shut in Pressure	1174	Lbs
Initial Hydrostatic Pressure	1936	Lbs
Final Hydrostatic Pressure	1901	Lbs

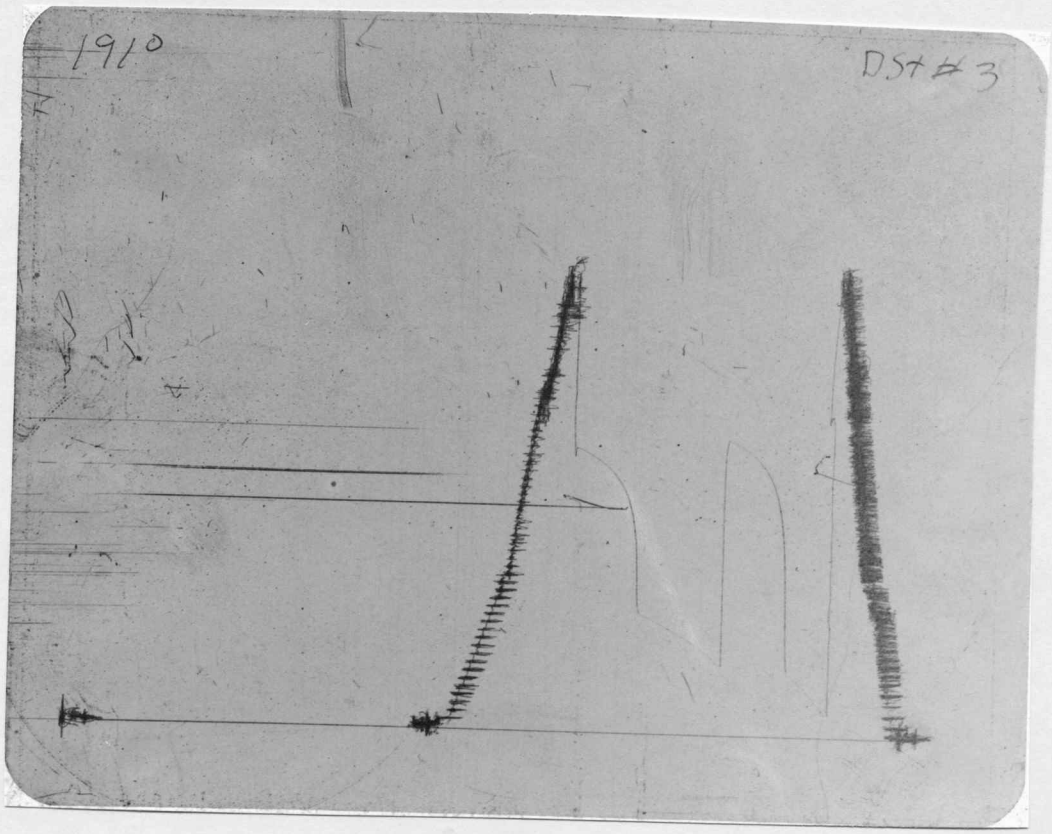
Remarks

Witnessed By Richard M. Foley

Tool Operator Art Budig

Location NE,SW,NE 6-23S-11W County Stafford State Kansas

Name of Lease Murphy Well No. 1 Test No. 3 Company Glen Rupe


1910
DST #3

SUPERIOR TESTERS, INC.

433 SOUTH WESTVIEW, DERBY, KANSAS

Date 8-27-70 Location 6-23-11 Elevation 1814 DF

Company Glen Rupp

Address 222 Brown Building / Wichita Kansas

Charts mailed to 222 Brown Building Number of Copies 5

Invoice Mailed To 222 Brown Building / Wichita Kan

Lease Murphy Well No. 1 County Stafford

Depth 3535 Tested From 3483 To 3535 Size of Hole 7 7/8

Size Drill Pipe 4½ XH Size Packer 6 3/4 Length Air Chamber —

Formation Tested Kansas City Tool Open At 9:50 P M Test No. 3

Initial Shut in Time 45 Min Tool Open 1 Hr. 30 Min Final Shut in Time 45 M

Blow Strong blow thru out.

Gas to Surface — Min Oil to Surface — M

Gas Gauged —

Recovery 850' salt water, slightly gassy

Remarks

Initial Shut in Pressure 1221 Lbs. Initial Flow Pressure 72 Lbs. Final Flow Pressure 480 L

Final Shut in Pressure 1174 Lbs. Initial Hydrostatic Pressure 1936 Lbs. Final Hydrostatic Pressure 1901 L

Mud Wt. 9-5 Viscosity 42

Bottom Choke ½" Top Choke ½"

Bottom Hole Temperature 116°

Field or Purchase Order No. —

Extra Equipment —

Price of Job $210.00 Operator Time — Hrs.

Tool Operator Art Bunting

Approved By Robert M. Foley

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Ticket No. 1910

SUPERIOR TESTERS, INC.

433 SOUTH WESTVIEW, DERBY, KANSAS

Date 8/27/70 Ticket No. 1911 Elevation 1814 DF

Total Depth 3605 Tested From 3467 To 3605. Formation Tested Viola

Blow 11 minute weak blow

Mud Wt. 9.7 Viscosity 42 Bottom Hole Temp 109

Size Bottom Choke 1/2" Size Top Choke 1/2"

Size Drill Pipe 4½" XH Size Hole 7 7/8" Length Air Chamber - Ft.

Initial Shut in Time 30 Min Tool Open 1 Hr Min Final Shut in Time 30 Min

Recovery 10' of mud

Office Corrected Pressure Reading

Initial Shut in Pressure	72	Lbs
Initial Flow Pressure	56	Lbs
Final Flow Pressure	56	Lbs
Final Shut in Pressure	72	Lbs
Initial Hydrostatic Pressure	1950	Lbs
Final Hydrostatic Pressure	1936	Lbs

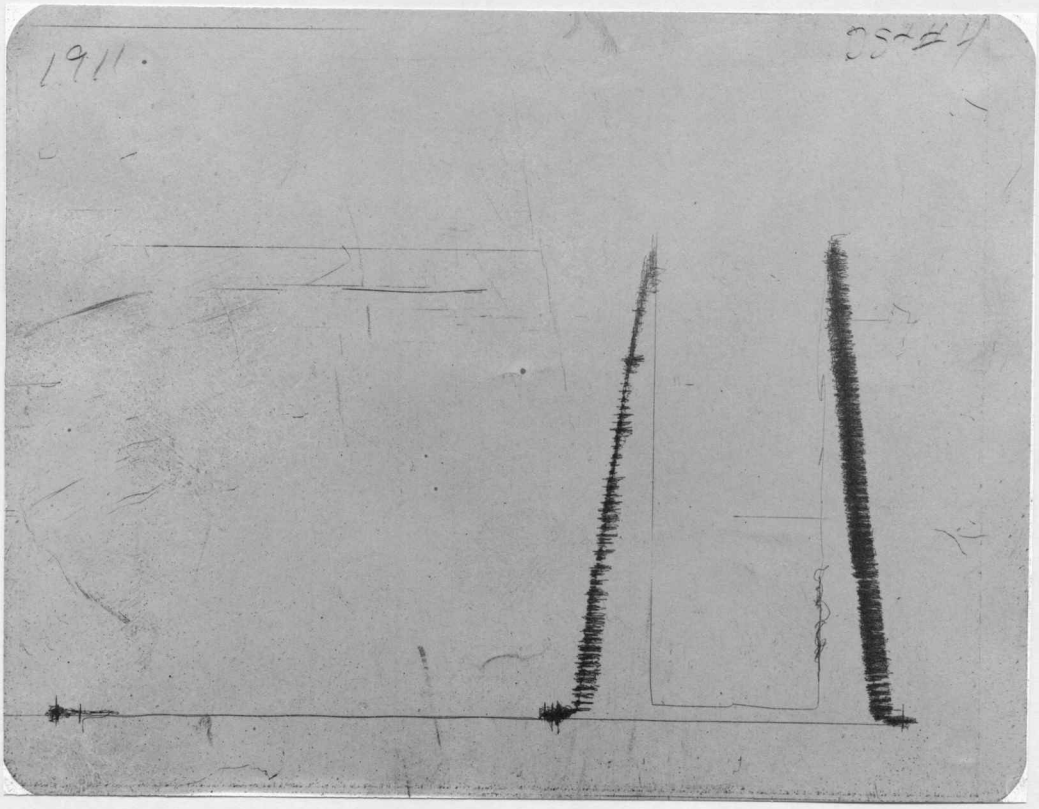
Remarks

Witnessed By Richard M. Foley

Tool Operator Art Budig

Location NE,SW,NE 6-23S-11W County Stafford State Kansas

Murphy Name of Lease 1 Well No. 4 Test No. Glen Rupe Company


1911.

SUPERIOR TESTERS, INC.

433 SOUTH WESTVIEW, DERBY, KANSAS

Date 8-27-70 Location 6-13-11 Elevation 1814 DF

Company Glen Rupp

Address 222 Brown Building Wichita Kansas

Charts mailed to 222 Brown Building Number of Copies 5

Invoice Mailed To 222 Brown Building Wichita Kansas

Lease Murphy Well No. 1 County Stafford

Depth 3605 Tested From 3567 To 3605 Size of Hole 7 7/8

Size Drill Pipe 4½ XH Size Packer 6 3/4 Length Air Chamber —

Formation Tested V10/A Tool Open At 3:90P M Test No. 4

Initial Shut in Time 30 Min Tool Open 1 Hr Min Final Shut in Time 30 M

Blow 11 weak blow

Gas to Surface — Min Oil to Surface — M

Gas Gauged —

Recovery 10' mud.

Remarks

Initial Shut in Pressure 72 Lbs. Initial Flow Pressure 56 Lbs. Final Flow Pressure 56 L

Final Shut in Pressure 72 Lbs. Initial Hydrostatic Pressure 1950 Lbs. Final Hydrostatic Pressure 1936 L

Mud Wt. 9.1 Viscosity 42

Bottom Choke 1/2" Top Choke 1/2"

Bottom Hole Temperature 109°

Field or Purchase Order No. —

Extra Equipment —

Price of Job 210.00 Operator Time — Hrs.

Tool Operator Art Bunting

Approved By Richard M. Foley

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Ticket No. 1911

SUPERIOR TESTERS, INC.

433 SOUTH WESTVIEW, DERBY, KANSAS

Date 8/28/70 Ticket No. 1912 Elevation 1814 DF

Total Depth 3672 Tested From 3636 To 3672. Formation Tested Arbuckle

Blow 5 minute weak blow, 5 minute intermittent blow

Mud Wt. 9.7 Viscosity 42 Bottom Hole Temp 106

Size Bottom Choke 1/2" Size Top Choke 1/2"

Size Drill Pipe 4½" XH Size Hole 7 7/8" Length Air Chamber - Ft.

Initial Shut in Time 20 Min Tool Open Hr. 45 Min Final Shut in Time 20 Min

Recovery 10' of mud

Office Corrected Pressure Reading

Initial Shut in Pressure	48	Lbs
Initial Flow Pressure	40	Lbs
Final Flow Pressure	40	Lbs
Final Shut in Pressure	40	Lbs
Initial Hydrostatic Pressure	1936	Lbs
Final Hydrostatic Pressure	1910	Lbs

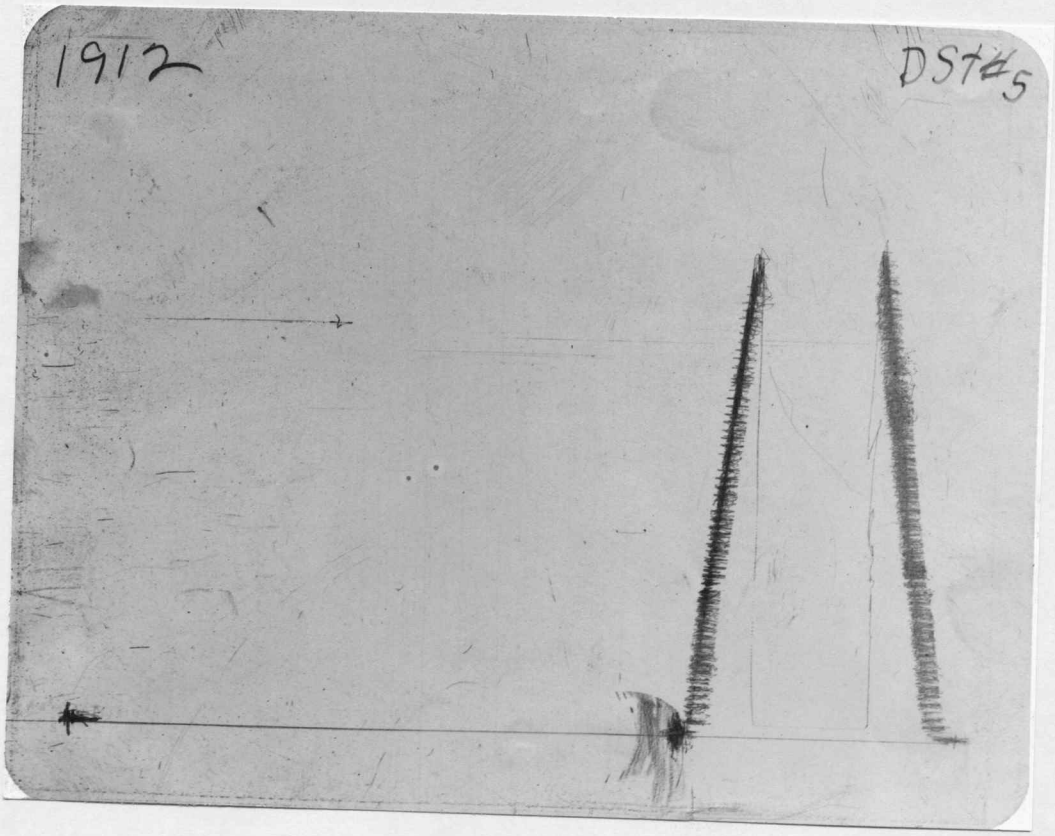
Remarks

Witnessed By Richard M. Foley

Tool Operator Art Budig

Location NE,SW,NE 6-23S-11W County Stafford State Kansas

Name of Lease Murphy Well No. 1 Test No. 5 Company Glen Rupe


1912
DST #5

SUPERIOR TESTERS, INC.

433 SOUTH WESTVIEW, DERBY, KANSAS

Date 8-28-70 Location NE SW NE 6-23-11 Elevation 1814 DF

Company Glen Rupe

Address 222 Brown Building Wichita Kansas

Charts mailed to 222 Brown Building Wichita Kansas Number of Copies 5

Invoice Mailed To 222 Brown Building, Wichita Kansas

Lease Murphy Well No. 1 County Stafford

Depth 3672 Tested From 3636 To 3672 Size of Hole 7 7/8

Size Drill Pipe 4½ X.H Size Packer 6 3/4 Length Air Chamber —

Formation Tested Arb Tool Open At 10:45 AM Test No. 5

Initial Shut in Time 30 Min Tool Open Hr. 45 Min Final Shut in Time 30 M

Blow 5 min very weak blow, 5 min intermittent blow

Gas to Surface / Min Oil to Surface — M

Gas Gauged /

Recovery 10' mud.

Remarks

Initial Shut in Pressure 45 Lbs. Initial Flow Pressure 40 Lbs. Final Flow Pressure 40 L

Final Shut in Pressure 40 Lbs. Initial Hydrostatic Pressure 1436 Lbs. Final Hydrostatic Pressure 2910 L

Mud Wt. 9.1 Viscosity 42

Bottom Choke ½" Top Choke ½"

Bottom Hole Temperature 106°

Field or Purchase Order No. —

Extra Equipment —

Price of Job $210.00 Operator Time — Hrs.

Tool Operator Clifford Burke

Approved By Richard M. Foley

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Ticket No. 1912

SUPERIOR TESTERS, INC.

433 SOUTH WESTVIEW, DERBY, KANSAS

Date 8/29/70 Ticket No. 1913 Elevation 1814 DF

Total Depth 3693 Tested From 3636 To 3693. Formation Tested Arbuckle

Blow Strong blow through out test

Mud Wt. 9.6 Viscosity 39 Bottom Hole Temp 119

Size Bottom Choke 1/2" Size Top Choke 1/2"

Size Drill Pipe 4½" XH Size Hole 7 7/8" Length Air Chamber - Ft.

Initial Shut in Time 60 Min Tool Open 1 Hr 30 Min Final Shut in Time 60 Min

Recovery 430' sulphur water

Office Corrected Pressure Reading

Initial Shut in Pressure	1253	Lbs
Initial Flow Pressure	72	Lbs
Final Flow Pressure	384	Lbs
Final Shut in Pressure	1205	Lbs
Initial Hydrostatic Pressure	2015	Lbs
Final Hydrostatic Pressure	2000	Lbs

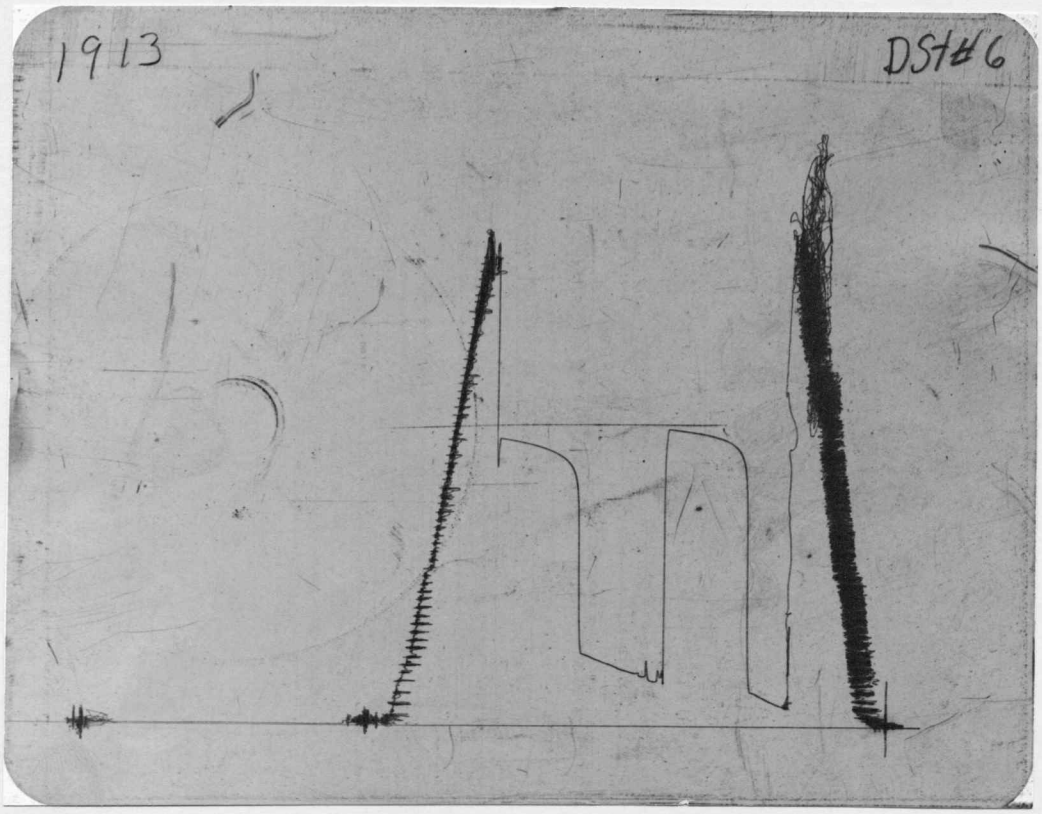
Remarks

Witnessed By Richard M. Folwy

Tool Operator Art Budig

Location NE,SW,NE 6-23S-11W County Stafford State Kansas

Name of Lease Murphy Well No. 1 Test No. 6 Company Glen Rupe


1913
DST#6

SUPERIOR TESTERS, INC.

433 SOUTH WESTVIEW, DERBY, KANSAS

Date 8-29-70 Location NE SW NE 6-23-11 Elevation 1814 DF

Company Glen Rupe

Address 222 Brown Building / Wichita Kansas

Charts mailed to 222 Brown Building Wichita Kansas Number of Copies 5

Invoice Mailed To 222 Brown Building, Wichita Kansas

Lease Murphy Well No. 1 County Stafford

Depth 3693 Tested From 3636 To 3693 Size of Hole 7 7/8

Size Drill Pipe 4½ XH Size Packer 6¾ Length Air Chamber —

Formation Tested Arb. Tool Open At 11:10 PM Test No. 6

Initial Shut in Time 60 Min Tool Open 1 Hr 30 Min Final Shut in Time 60 M

Blow Strong blow thru out.

Gas to Surface — Min Oil to Surface — M

Gas Gauged —

Recovery 430' Sulphur water

Remarks

Initial Shut in Pressure 1253 Lbs. Initial Flow Pressure 72 Lbs. Final Flow Pressure 384 L

Final Shut in Pressure 1205 Lbs. Initial Hydrostatic Pressure 2015 Lbs. Final Hydrostatic Pressure 2000 L

Mud Wt. 9.6 Viscosity 39

Bottom Choke ½" Top Choke ½"

Bottom Hole Temperature 119°

Field or Purchase Order No. —

Extra Equipment —

Price of Job 260.00 Operator Time — Hrs.

Tool Operator Capt Bowling

DST Approved By Richard M. Fahey

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Ticket No. 1913