SUPERIOR TESTERS, INC.

433 SOUTH WESTVIEW, DERBY, KANSAS

Date 6/22/74 Ticket No. 3002 Elevation

Total Depth 2655 Tested From 2558 To 2588. Formation Tested Tarkio

Blow Weak blow for 5 minutes

Mud Wt. 10 Viscosity 38 Bottom Hole Temp -

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

Size Drill Pipe 4½" FH 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

Office Corrected Pressure Reading

Initial Shut in Pressure Lbs

Initial Flow Pressure Lbs

Final Flow Pressure Lbs

Final Shut in Pressure Lbs

Initial Hydrostatic Pressure Lbs

Final Hydrostatic Pressure Lbs

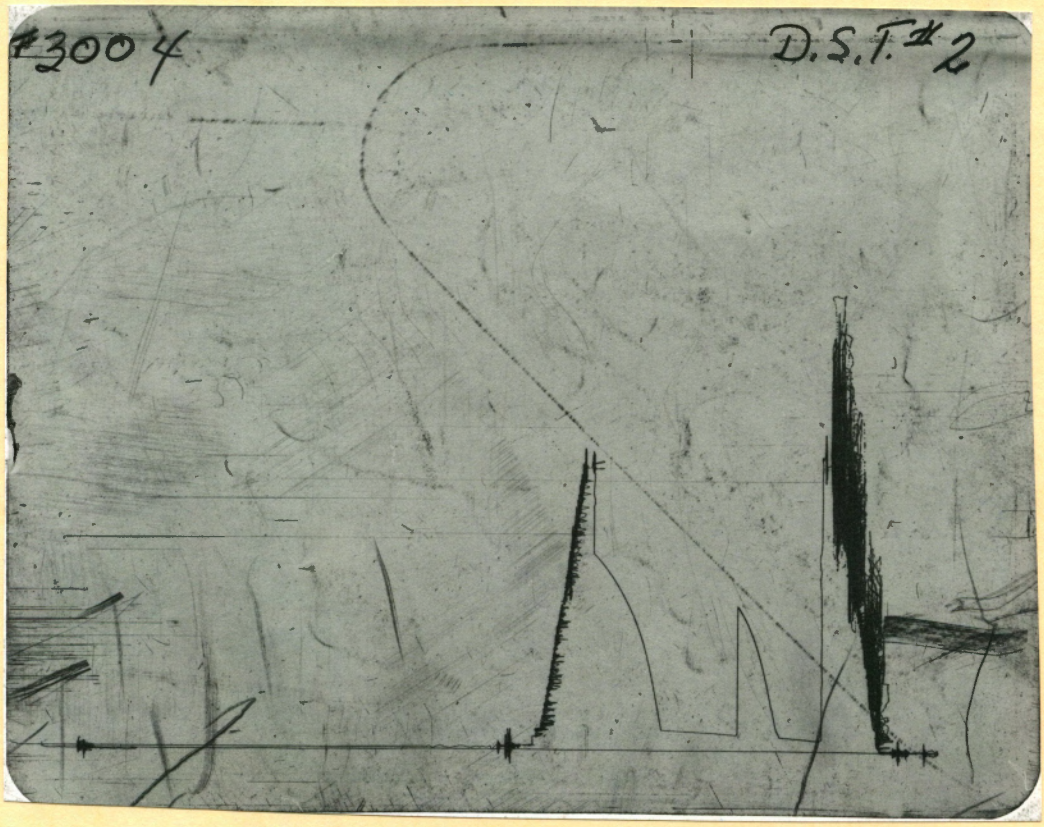
Remarks Tool plugged - mis run

Witnessed By Gene Falkowski

Tool Operator R. L. Budig

Location W/2, NW, NW 21-28S-9W County Kingman State Kansas

Name of Lease Endicott Well No. 1 Test No. 1 Company F & M Oil, Inc.


#3004
D.S.T. #2

SUPERIOR TESTERS, INC.

433 SOUTH WESTVIEW, DERBY, KANSAS

Date 6/23/74 Ticket No. 3004 Elevation

Total Depth 2655 Tested From 2557 To 2588. Formation Tested Tarkio

Blow Strong blow through out test

Mud Wt. 10 Viscosity 38 Bottom Hole Temp -

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

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

Initial Shut in Time 30 Min 1st 2nd Open 30 Hr 60 Min Final Shut in Time 45 Min

Recovery 125' of muddy water

Office Corrected Pressure Reading

Initial Shut in Pressure	708		Lbs
Initial Flow Pressure	46	74	Lbs
Final Flow Pressure	74	93	Lbs
Final Shut in Pressure	966		Lbs
Initial Hydrostatic Pressure	1409		Lbs
Final Hydrostatic Pressure	1388		Lbs

Remarks Gas to surface in 90 minutes - to small to measure

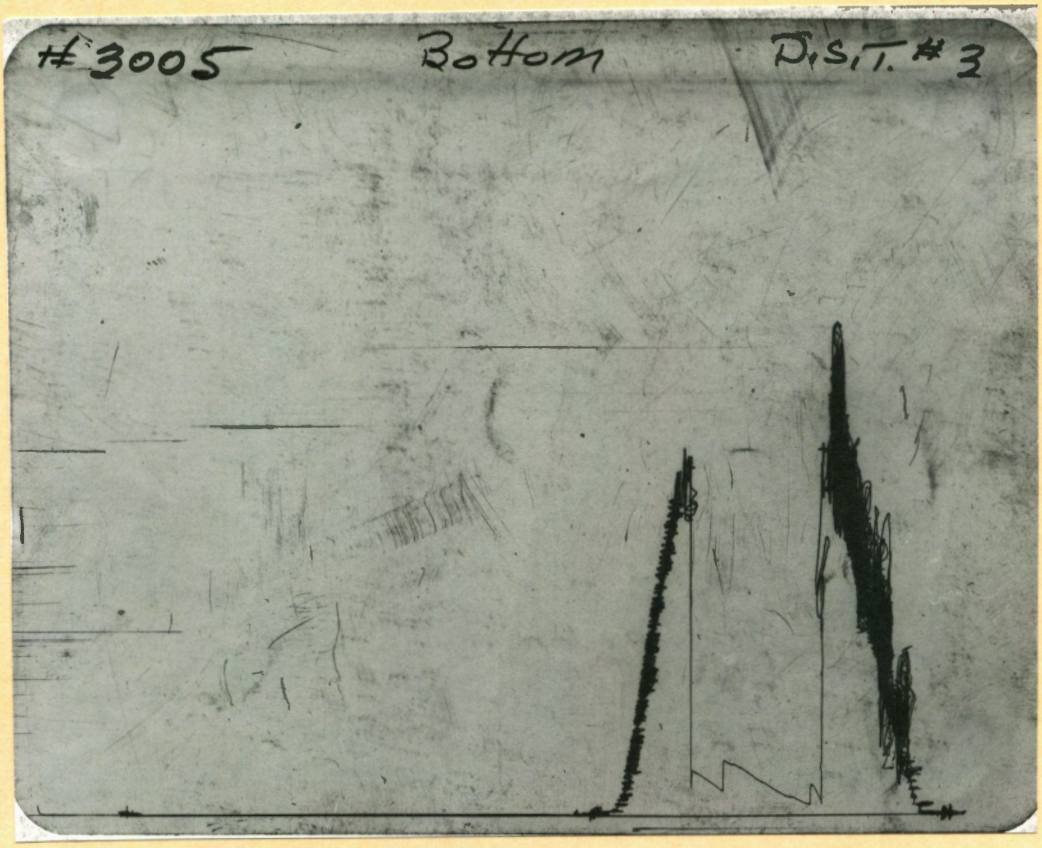
Straddle test

Witnessed By Gene Falkowski

Tool Operator R. L. Budig

Location W/2, NW, NW 21-28S-9W County Kingman State Kansas

Endicott Name of Lease 1 Well No. 2 Test No. F & M Oil Co., Inc. Company


#3005
Bottom
D.S.T. #3

SUPERIOR TESTERS, INC.

433 SOUTH WESTVIEW, DERBY, KANSAS

Date June 25, 1974 Ticket No. 3005 Elevation 1674 K.B.

Total Depth 3530 Tested From 3504 To 3530. Formation Tested Kansas City

Blow weak blow for 4 minutes

Mud Wt. 9.6 Viscosity 63 Bottom Hole Temp 109°

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

Size Drill Pipe 4 1/2" FH Size Hole 7 7/8" Length Air Chamber - Ft.

Initial Shut in Time 20 Min Tool Open 20 Hr 20 Min 1st 2nd Final Shut in Time 20 Min

Recovery 10' mud

Office Corrected Pressure Reading

Initial Shut in Pressure	280	Lbs
Initial Flow Pressure	37	Lbs
Final Flow Pressure	37	Lbs
Final Shut in Pressure	205	Lbs
Initial Hydrostatic Pressure	1791	Lbs
Final Hydrostatic Pressure	1780	Lbs

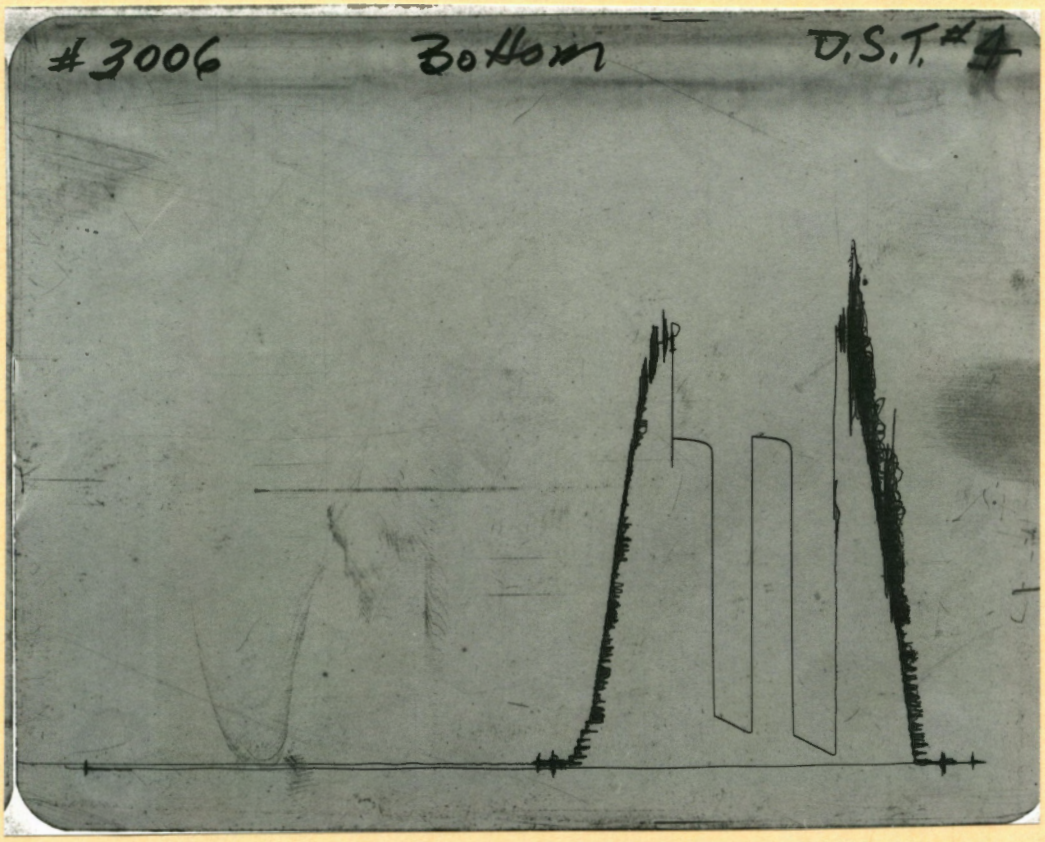
Remarks

Witnessed By Gene Falkowski

Tool Operator R. L. Budig

Location W/2 NW NW 21-28S-9W County Kingman State Kansas

Endicott Name of Lease 1 Well No. 3 Test No. F & M Oil Company Company


#3006
Bottom
D.S.T. #4

SUPERIOR TESTERS, INC.

433 SOUTH WESTVIEW, DERBY, KANSAS

Date June 27, 1974 Ticket No. 3006 Elevation 1674 K.B.

Total Depth 3890 Tested From 3880 To 3890. Formation Tested Kansas City

Blow good steady blow through out test

Mud Wt. 9.8 Viscosity 40 Bottom Hole Temp 114°

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

Size Drill Pipe 4 1/2" F. H. Size Hole 7 7/8" Length Air Chamber - Ft.

Initial Shut in Time 30 Min Tool Open 30 Hr 30 Min 1st 2nd Final Shut in Time 30 Min

Recovery 400' water

Office Corrected Pressure Reading

Initial Shut in Pressure	1603	Lbs
Initial Flow Pressure	37-168	Lbs
Final Flow Pressure	168-243	Lbs
Final Shut in Pressure	1585	Lbs
Initial Hydrostatic Pressure	2112	Lbs
Final Hydrostatic Pressure	2100	Lbs

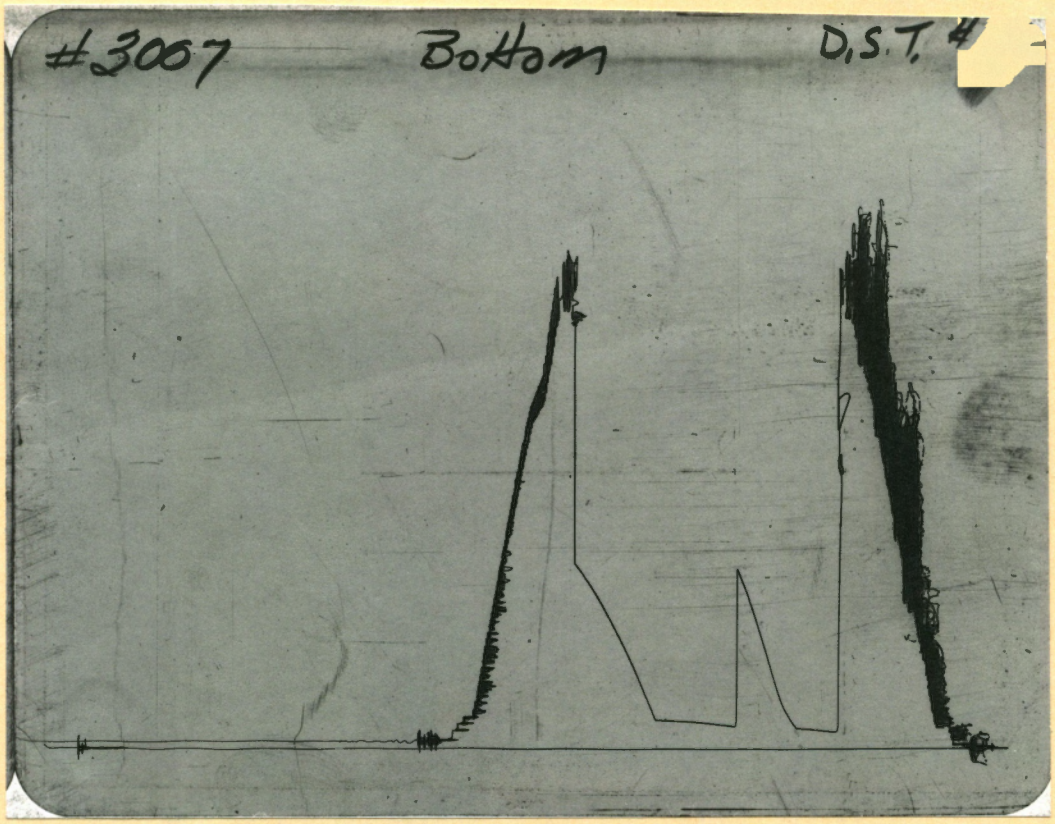
Remarks

Witnessed By Gene Falkowski

Tool Operator R. L. Budig

Location W/2 NW NW 21-28S-9W County Kingman State Kansas

Endicott (Name of Lease) 1 (Well No.) 4 (Test No.) F & M Oil Company (Company)


#3007
Bottom
D.S.T. 4

SUPERIOR TESTERS, INC.

433 SOUTH WESTVIEW, DERBY, KANSAS

Date June 28, 1974 Ticket No. 3007 Elevation 1674 K. B.

Total Depth 4105 Tested From 4083 To 4105 Formation Tested Mississippi

Blow strong blow through out test

Mud Wt. 9.9 Viscosity 43 Bottom Hole Temp 116°

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

Size Drill Pipe 4 1/2" F.H. Hole 7 7/8" Length Air Chamber - Ft.

Initial Shut in Time 45 Min Tool Open 30 Hr 60 Min 1st 2nd Final Shut in Time 60 Min

Recovery 90' gassy slightly oil cut mud

60' gassy slightly oil cut watery mud

60' gassy slightly oil cut muddy water

Office Corrected Pressure Reading

Initial Shut in Pressure	874	Lbs
Initial Flow Pressure	65- 103	Lbs
Final Flow Pressure	93- 140	Lbs
Final Shut in Pressure	902	Lbs
Initial Hydrostatic Pressure	2258	Lbs
Final Hydrostatic Pressure	2276	Lbs

GAS GAUGED:

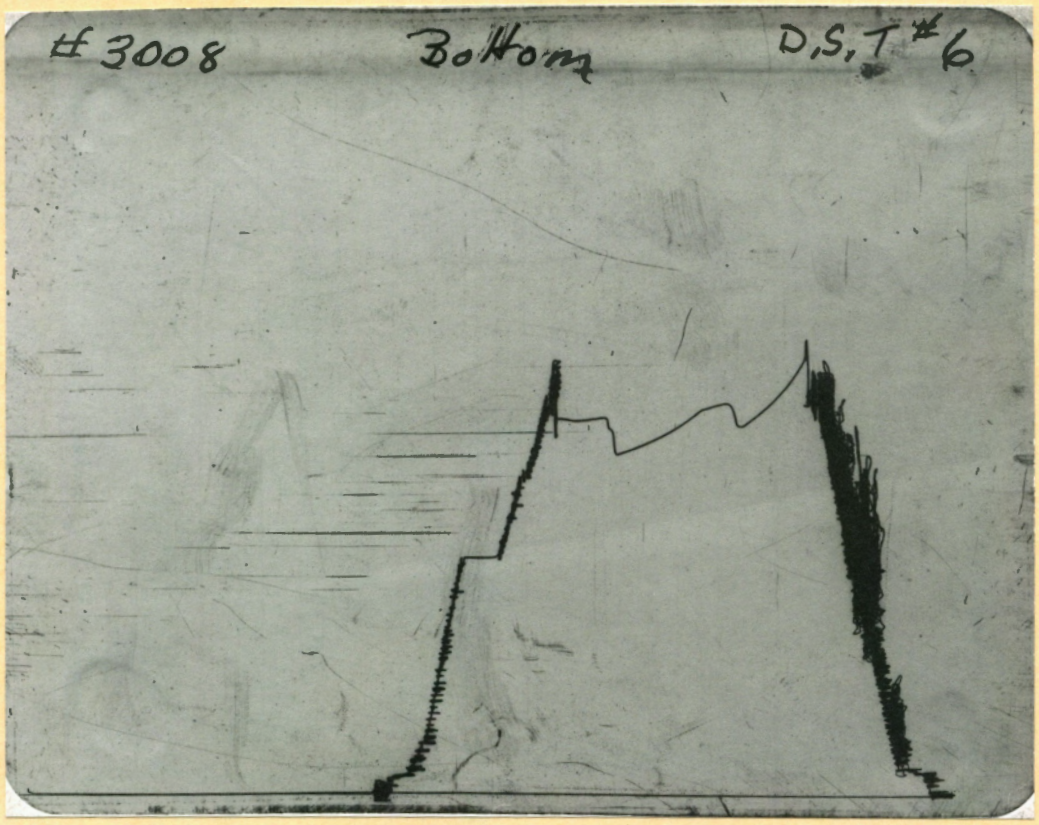
Remarks 3,850 cubic ft. in 65 minutes & 90 minutes

Witnessed By Gene Falkowski

Tool Operator R. L. Budig

Location W/2 NW NW 21-28S-9W County Kingman State Kansas

Name of Lease Endicott Well No. 1 Test No. 5 Company F & M Oil Company


#3008
Bottom
D.S.T #6

SUPERIOR TESTERS, INC.

433 SOUTH WESTVIEW, DERBY, KANSAS

Date June 29, 1974 Ticket No. 3008 Elevation 1674 K. B.

Total Depth 4105 Tested From 3834 To 3860. Formation Tested Kansas City

Blow weak steady blow through out test

Mud Wt. 9.9 Viscosity 55 Bottom Hole Temp 111°

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

Size Drill Pipe 4 1/2" Size Hole 7 7/8" Length Air Chamber Ft.

Initial Shut in Time 30 Min Tool Open Hr. 60 Min 45 1st 2nd Final Shut in Time 45 Min

Recovery 210' water

Office Corrected Pressure Reading

Initial Shut in Pressure	1483	Lbs
Initial Flow Pressure	28-84	Lbs
Final Flow Pressure	84-140	Lbs
Final Shut in Pressure	1483	Lbs
Initial Hydrostatic Pressure	2003	Lbs
Final Hydrostatic Pressure	2020	Lbs

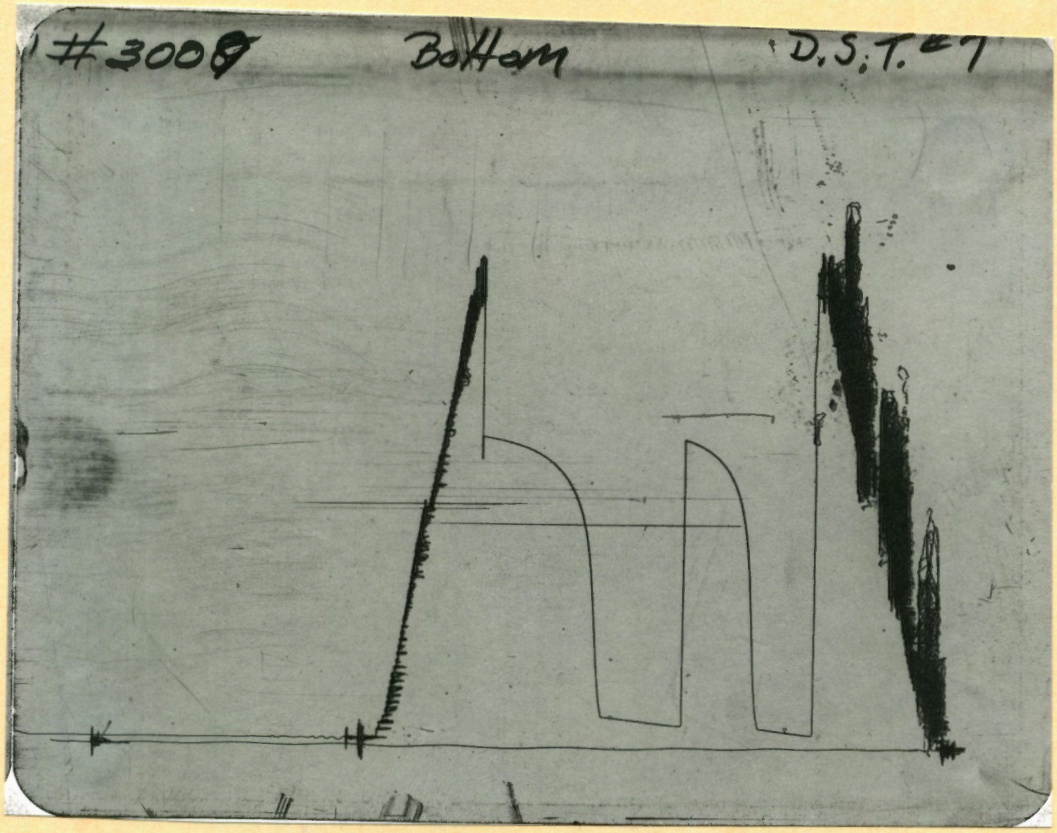
Remarks

Witnessed By Gene Falkowski

Tool Operator R. L. Budig

Location W-2 NW NW 21-28S-9W County Kingman State Kansas

Name of Lease Endicott Well No. 1 Test No. 6 Company F & M Oil Company


#3008
Bottom
D.S.T. #7

SUPERIOR TESTERS, INC.

433 SOUTH WESTVIEW, DERBY, KANSAS

Date June 29, 1974 Ticket No. 3009 Elevation 1674 K.B.

Total Depth 4122 Tested From 4102 To 4122. Formation Tested Mississippi

Blow fair blow through out test

Mud Wt. 9.9 Viscosity 48 Bottom Hole Temp 116°

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

Size Drill Pipe 4 1/2" Size Hole 7 7/8" Length Air Chamber _____ Ft.

Initial Shut in Time 45 Min Tool Open 45 1st Hr 60 Min 2nd Final Shut in Time 90 Min

Recovery 210' of water with scum oil

Office Corrected Pressure Reading

Initial Shut in Pressure	1483	Lbs
Initial Flow Pressure	37-93	Lbs
Final Flow Pressure	93-140	Lbs
Final Shut in Pressure	1492	Lbs
Initial Hydrostatic Pressure	2269	Lbs
Final Hydrostatic Pressure	2280	Lbs

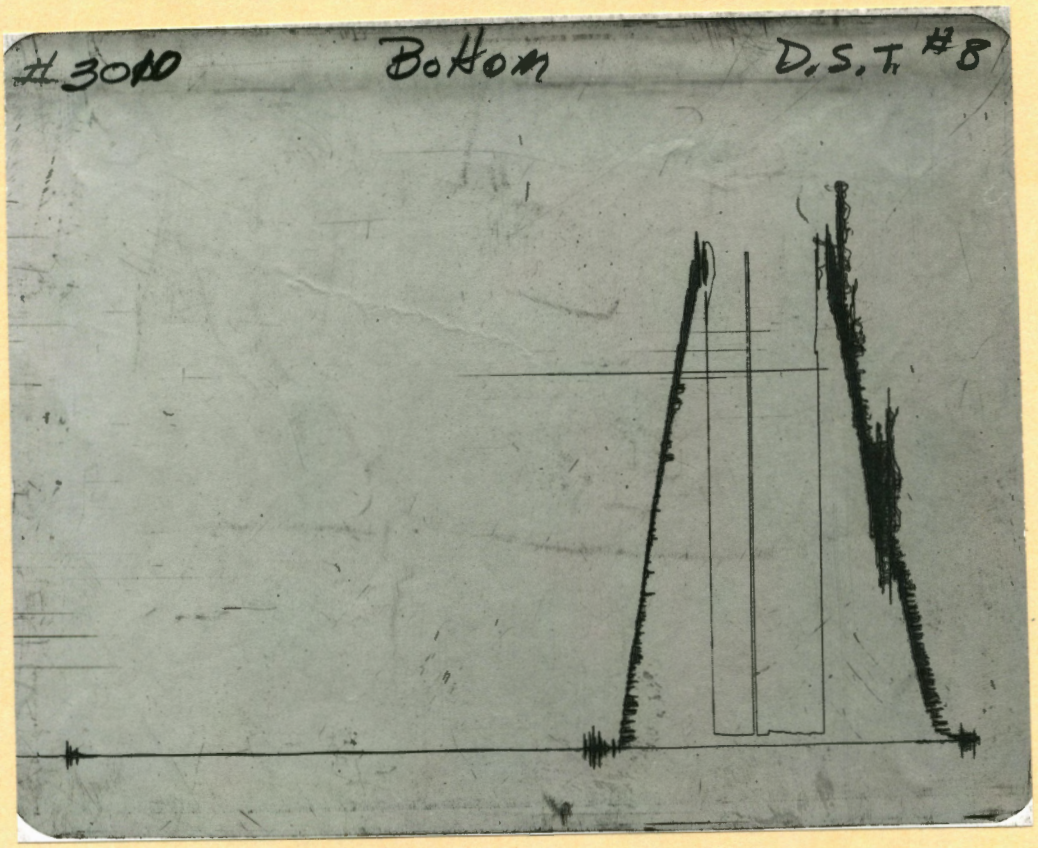
Remarks

Witnessed By Gene Falkowski

Tool Operator R. L. Budig

Location W/2 NW NW 21-28S-9W County Kingman State Kansas

Name of Lease Endicott Well No. 1 Test No. 7 Company F & M Oil Company


#3010
Bottom
D.S.T. #8

SUPERIOR TESTERS, INC.

433 SOUTH WESTVIEW, DERBY, KANSAS

Date July 1, 1974 Ticket No. 3010 K.B. Elevation 1674 K. B.

Total Depth 4379 Tested From 4320 To 4379. Formation Tested Viola

Blow weak blow for 5 minutes

Mud Wt. 9.7 Viscosity 50 Bottom Hole Temp. 120°

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

Size Drill Pipe 4 1/2" Size Hole 7 7/8" Length Air Chamber _____ Ft.

Initial Shut in Time 20 Min Tool Open 20 min. 1st Hr Min 2nd Final Shut in Time 20 Min

Recovery 15' mud

Office Corrected Pressure Reading

Initial Shut in Pressure	74	Lbs
Initial Flow Pressure	56	Lbs
Final Flow Pressure	56	Lbs
Final Shut in Pressure	56	Lbs
Initial Hydrostatic Pressure	2407	Lbs
Final Hydrostatic Pressure	2388	Lbs

Remarks

Witnessed By Gene Falkowski

Tool Operator R. L. Budig

Location W/2 NW NW 27-28S-9W County Kingman State Kansas

Name of Lease Endicott Well No. 1 Test No. 8 Company F & M Oil Company