

Formation Morrow "A" Type Test Conventional Date Sept. 19, 1988

Anchor Length and Size 89'; 60'X 6"OD-D.C., 29'X 4½"OD-Perf. Total Depth 5625'

Packer Depths 5531' & 5536' Below Straddle \_\_\_\_\_ Choke Size Bottom 5/8" Surface 1/4"

Equipment Run 2 Packers, Jars, Sample Chamber, Safty joint, Circ. sub.

Lengths: Tool 122' D. P. 4934' ID 3.8" Wt. P. \_\_\_\_\_ ID \_\_\_\_\_ D. C. 601' ID 2.25"

Mud Type Chemical Vls. 45 Wt. 9.0 Wtr. Loss 7.6 Cl. 1,800 ppm

Recorders:

Depth 5553' Make Kuster Cap. 6500 Ser. No. 10269 Inside

Depth 5561' Make Kuster Cap. 6450 Ser. No. 10268 Outside

Depth \_\_\_\_\_ Make \_\_\_\_\_ Cap. \_\_\_\_\_ Ser. No. \_\_\_\_\_ Below Straddle

Pressures:

Tool on Bottom @ 9:30 P.M. Initial Hydrostatic 2655 psi

Initial Flow 30 Min. IFP 64 psi to 67 psi

Initial Shut-in 60 Min. ISIP 87 psi

Final Flow 60 Min. FFP 67 psi to 67 psi

Final Shut-in 120 Min. FSIP 87 psi

Tool off Bottom @ 2:00 A.M. Final Hydrostatic 2649 psi Temp. 135

Blow: Weak on I.F.P., Weak blow died in 40 min. on F.F.P.

Recovery: 90' Mud. Cl.- 2,000 PPM  
ph - 7  
Sp. gr. - 1.002  
Rw.- 2.0 @ 70 F.

Gas Flow:

Sampler Data:

Pressure 40 PSI

Gas -- cu. ft.

Total Fluid 2000 cc

Oil -- cc

Water -- cc

Mud 2000 2,000 PPM Cl. cc

Oil Gravity \_\_\_\_\_ @ \_\_\_\_\_ °F.

Gas/Oil Ratio \_\_\_\_\_

Remarks:

Tester R.L. Young Witnessed by: Billy J. Dale

Cabot Petroleum Corp.

OPERATOR

Bryant "B" #3-8

WELL NAME & NO.

1

TEST #

5536' - 5625'

TEST INTERVAL

SEC. 8

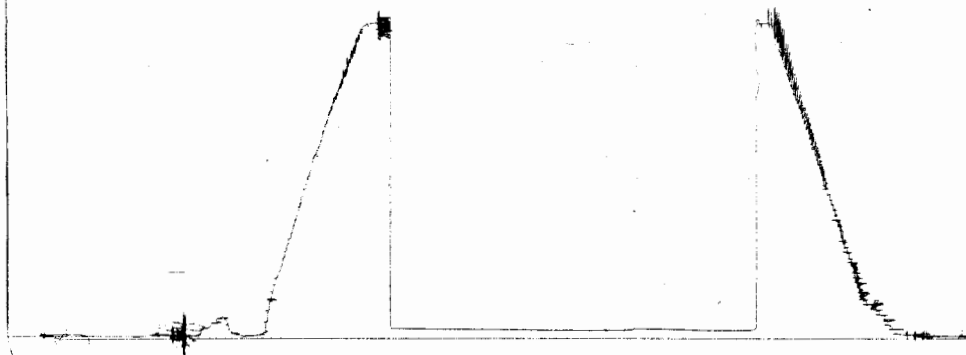
TWP. 33S

RGE. 33W

COUNTY Seward

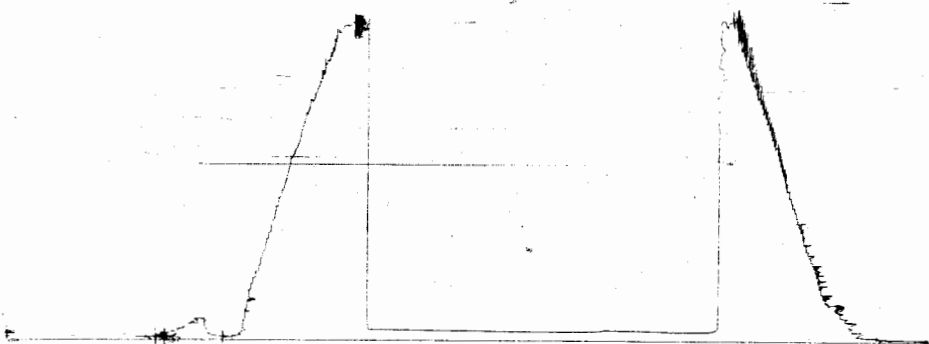
STATE Kansas

TICKET NO. 2804



Initial Hydrostatic \_\_\_\_\_ 2655 \_\_\_\_\_ psi  
 IFP \_\_\_\_\_ 64 \_\_\_\_\_ psi to \_\_\_\_\_ 67 \_\_\_\_\_ psi  
 ISIP \_\_\_\_\_ 87 \_\_\_\_\_ psi  
 FFP \_\_\_\_\_ 67 \_\_\_\_\_ psi to \_\_\_\_\_ 67 \_\_\_\_\_ psi  
 FSIP \_\_\_\_\_ 87 \_\_\_\_\_ psi  
 Final Hydrostatic \_\_\_\_\_ 2649 \_\_\_\_\_ psi

2649



Formation Upper Chester Type Test Conventional Date Sept. 21, 1988  
Anchor Length and Size 81'; 60'X 6"OD-D.C., 21'X 4½"OD-Perf. Total Depth 5848'  
Packer Depths 5762' & 5767' Below Straddle Choke Size Bottom 5/8" Surface 1/4"  
Equipment Run 2 Packers, Jars, Sample Chamber, Safty joint, Circ. sub.

Lengths: Tool 114' D. P. 5154' ID 3.8" Wt. P. ID D. C. 601' ID 2.25"  
Mud Type Chemical Vls. 41 Wt. 9.0 Wtr. Loss 8.0 Cl. 2,000 ppm  
Recorders: Depth 5779' Make Kuster Cap. 6500 Ser. No. 10269 Inside  
Depth 5784' Make Kuster Cap. 6450 Ser. No. 10268 Outside  
Depth Make Cap. Ser. No. Below Straddle

Pressures:  
Tool on Bottom @ 4:45 A.M. Initial Hydrostatic 2803 psi  
Initial Flow 30 Min. IFP 58 psi to 58 psi  
Initial Shut-in 60 Min. ISIP 93 psi  
Final Flow 60 Min. FFP 61 psi to 61 psi  
Final Shut-in 120 Min. FSIP 177 psi  
Tool off Bottom @ 9:15 A.M. Final Hydrostatic 2787 psi Temp. 139

Blow: Weak increasing to fair on I.F.P., Weak blow on F.F.P.

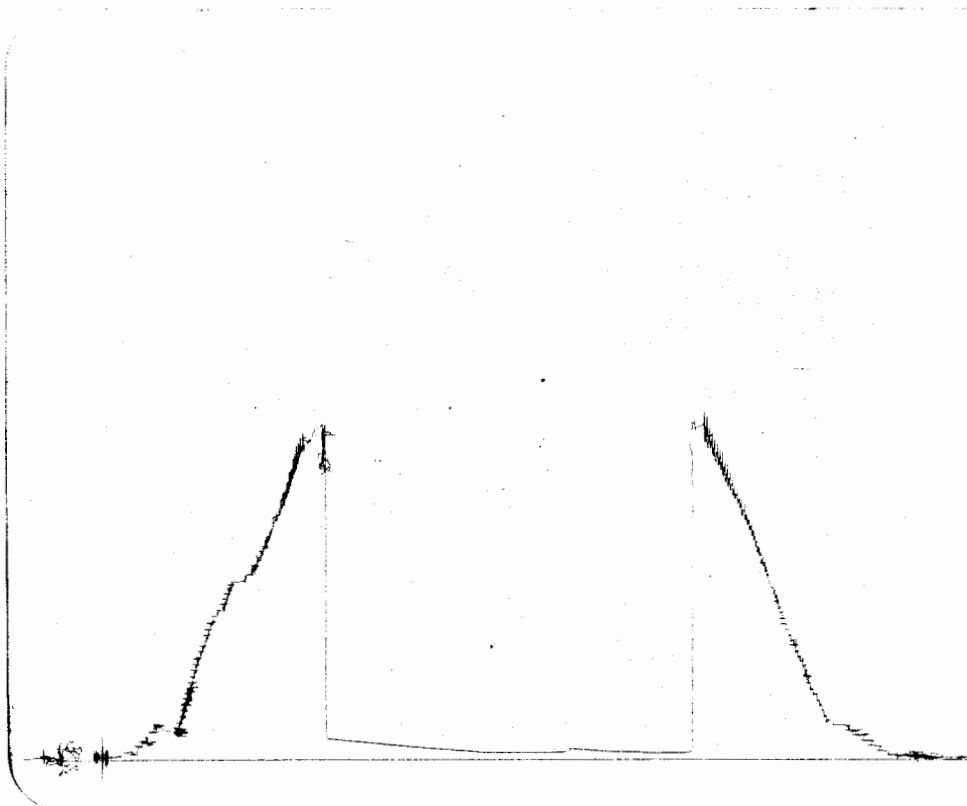
Recovery: 90' Mud. Cl.- 2,000 PPM  
ph - 8  
Sp. gr.- 1.002  
Rw.- 2.0 @ 70 F.

Gas Flow:

Sampler Data:  
Pressure 40 PSI  
Gas -- cu. ft.  
Total Fluid 2000 cc  
Oil -- cc  
Water -- cc  
Mud 2000 2,000 PPM Cl. cc  
Oil Gravity @ °F.  
Gas/Oil Ratio

Remarks:

Tester R.L. Young Witnessed by: Billy J. Dale



Initial Hydrostatic \_\_\_\_\_ 2803 \_\_\_\_\_ psi  
 IFP \_\_\_\_\_ 58 \_\_\_\_\_ psi to \_\_\_\_\_ 58 \_\_\_\_\_ psi  
 ISIP \_\_\_\_\_ 93 \_\_\_\_\_ psi  
 FFP \_\_\_\_\_ 61 \_\_\_\_\_ psi to \_\_\_\_\_ 61 \_\_\_\_\_ psi  
 FSIP \_\_\_\_\_ 177 \_\_\_\_\_ psi  
 Final Hydrostatic \_\_\_\_\_ 2787 \_\_\_\_\_ psi

