

# TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

CONFIDENTIAL ORIGINAL

## Drill-Stem Test Data *API#15-185-22955*

Well Name FRITZEMEYER #1 Test No. 1 Date 4/13/94  
 Company GENERAL ATLANTIC RESOURCES INC Zone LANSING-"F-G"  
 Address 410 17th ST #1400 DENVER CO 80202 Elevation 1832 KB  
 Co. Rep./Geo. R. HALL/T. LARSON Cont. DUKE DRLG RIG #2 Est. Ft. of Pay \_\_\_\_\_  
 Location: Sec. 7 Twp. 23S Rge. 11W Co. STAFFORD State KS

Interval Tested 3375-3401 Drill Pipe Size 4.5" XH  
 Anchor Length 26 Wt. Pipe I.D. - 2.7 Ft. Run \_\_\_\_\_  
 Top Packer Depth 3370 Drill Collar - 2.25 Ft. Run \_\_\_\_\_  
 Bottom Packer Depth 3375 Mud Wt. 9.1 lb/Gal.  
 Total Depth 3401 Viscosity 40 Filtrate 8

Tool Open @ 4:25 AM Initial Blow WEAK BLOW-(1/2" TO 2.5" IN WATER)

Final Blow WEAK BLOW - (1/2" TO 3.5" IN WATER)  
(HOLE IN DRILL PIPE)

COPY

Recovery - Total Feet 875 Flush Tool? NO

RELEASED

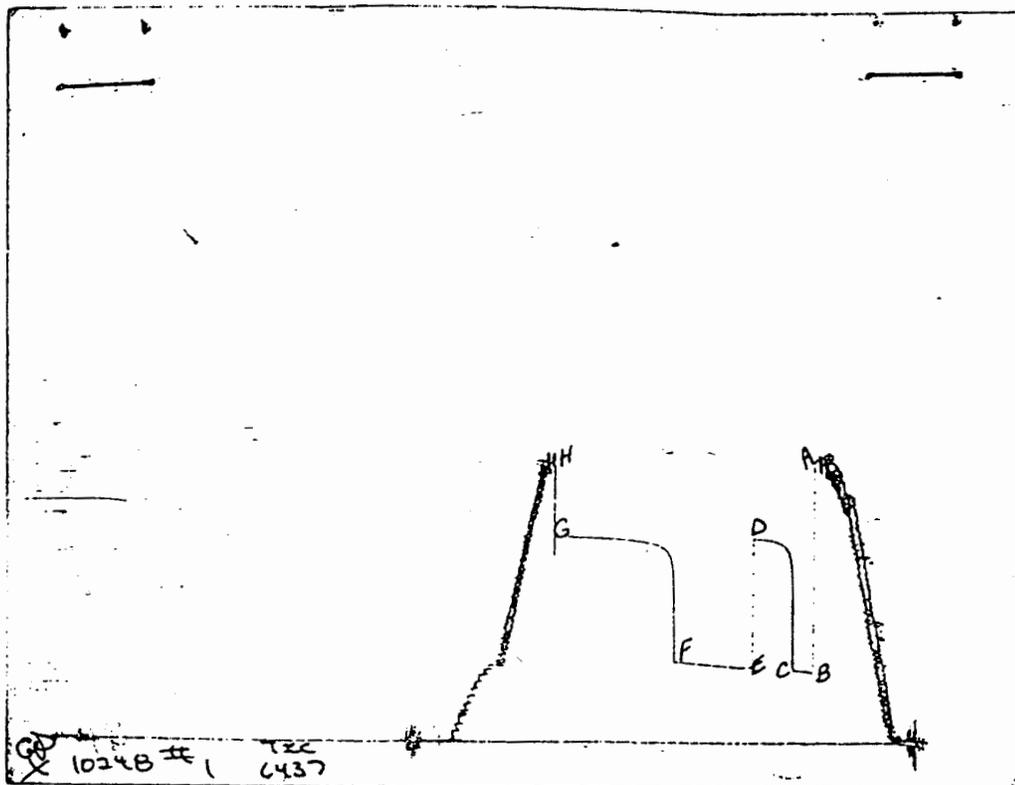
Rec. 725 Feet of SLTLY GAS CUT MUD- 3% GAS/ 97% MUD  
 Rec. 150 Feet of MUDDY WATER- 96% WTR/ 4% MUD JUN 2 8 1995  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_ FROM CONFIDENTIAL  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

BHT 106 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
 RW 0.59 @ 70 °F Chlorides 24000 ppm Recovery Chlorides 4000 ppm System

(A) Initial Hydrostatic Mud 1618.8 PSI AK1 Recorder No. 13788 Range 4650  
 (B) First Initial Flow Pressure 411.7 PSI @ (depth) 3398 w / Clock No. 22993  
 (C) First Final Flow Pressure 428.4 PSI AK1 Recorder No. 10248 Range 4400  
 (D) Initial Shut-in Pressure 1186.1 PSI @ (depth) 3393 w / Clock No. 30410  
 (E) Second Initial Flow Pressure 444.0 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_  
 (F) Second Final Flow Pressure 472.9 PSI @ (depth) \_\_\_\_\_ w / Clock No. \_\_\_\_\_  
 (G) Final Shut-in Pressure 1183.9 PSI Initial Opening 15 Final Flow 60  
 (H) Final Hydrostatic Mud 1593.7 PSI Initial Shut-in 30 Final Shut-in 90

Our Representative GARY PEVOTEAUX

RECEIVED  
 STATE CORPORATION COMMISSION  
 MAY 09 1994  
 CONSERVATION DIVISION  
 Wichita, Kansas



This is an actual photograph of recorder chart #10248

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1618	1618.8
(B) FIRST INITIAL FLOW PRESSURE	388	411.7
(C) FIRST FINAL FLOW PRESSURE	411	428.4
(D) INITIAL CLOSED-IN PRESSURE	1174	1186.1
(E) SECOND INITIAL FLOW PRESSURE	417	444
(F) SECOND FINAL FLOW PRESSURE	451	472.9
(G) FINAL CLOSED-IN PRESSURE	1165	1183.9
(H) FINAL HYDROSTATIC MUD	1581	1593.7

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## Drill-Stem Test Data API #15-185-22955

Well Name FRITZEMEYER #1 Test No. 2 Date 4/13/94  
Company GENERAL ATLANTIC RESOURCES INC Zone LANSING-"J"  
Address 410 17th ST #1400 DENVER CO 80202 Elevation 1832 KB  
Co. Rep./Geo. R. HALL/T. LARSON Cont. DUKE DRLG RIG #2 Est. Ft. of Pay \_\_\_\_\_  
Location: Sec. 7 Twp. 23S Rge. 11W Co. STAFFORD State KS

Interval Tested 3467-3490 Drill Pipe Size 4.5" XH  
Anchor Length 23 Wt. Pipe I.D. - 2.7 Ft. Run \_\_\_\_\_  
Top Packer Depth 3462 Drill Collar - 2.25 Ft. Run \_\_\_\_\_  
Bottom Packer Depth 3467 Mud Wt. 9.3 lb/Gal.  
Total Depth 3490 Viscosity 41 Filtrate 8.8

Tool Open @ 11:30 PM Initial Blow WEAK BLOW-(1/4")-DEAD IN 10 MINUTES

Final Blow NO BLOW

COPY

Recovery - Total Feet 3 Flush Tool? NO

Rec. 3 Feet of DRILLING MUD  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

BHT 107 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery Chlorides 6000 ppm System

(A) Initial Hydrostatic Mud 1651.6 PSI AK1 Recorder No. 13788 Range 4650

(B) First Initial Flow Pressure 28.7 PSI @ (depth) 3487 w / Clock No. 22993

(C) First Final Flow Pressure 28.7 PSI AK1 Recorder No. 10248 Range 4400

(D) Initial Shut-in Pressure 910.4 PSI @ (depth) 3482 w / Clock No. 30410

(E) Second Initial Flow Pressure 32.1 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_

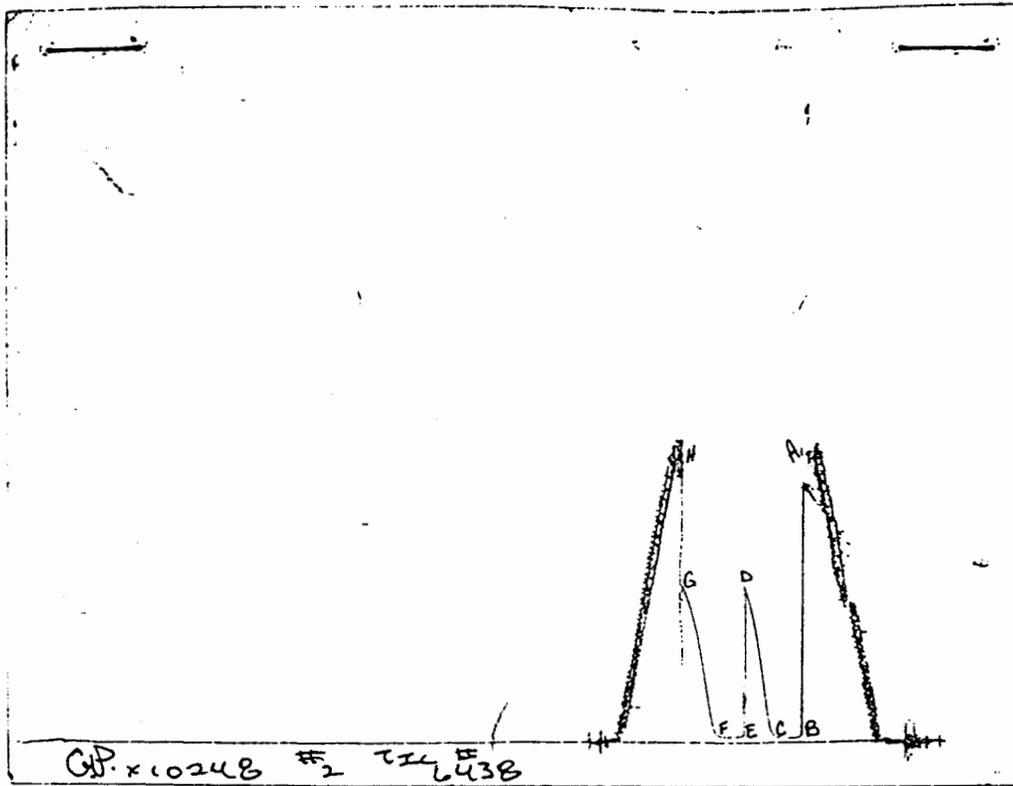
(F) Second Final Flow Pressure 32.1 PSI @ (depth) \_\_\_\_\_ w / Clock No. \_\_\_\_\_

(G) Final Shut-in Pressure 914.8 PSI Initial Opening 15 Final Flow 15

(H) Final Hydrostatic Mud 1645.1 PSI Initial Shut-in 30 Final Shut-in 30

Our Representative GARY PEVOTEAUX

CHART PAGE



This is an actual photograph of recorder chart #10248

	FIELD READING	OFFICE READING
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(A) INITIAL HYDROSTATIC MUD	1657	1651.6
(B) FIRST INITIAL FLOW PRESSURE	18	28.7
(C) FIRST FINAL FLOW PRESSURE	21	28.7
(D) INITIAL CLOSED-IN PRESSURE	909	910.4
(E) SECOND INITIAL FLOW PRESSURE	21	32.1
(F) SECOND FINAL FLOW PRESSURE	21	32.1
(G) FINAL CLOSED-IN PRESSURE	907	914.8
(H) FINAL HYDROSTATIC MUD	1602	1645.1

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## Drill-Stem Test Data *API#15-185-22955*

Well Name FRITZEMEYER #1 Test No. 3 Date 4/14/94  
Company GENERAL ATLANTIC RESOURCES INC Zone ARBUCKLE  
Address 410 17th ST #1400 DENVER CO 80202 Elevation 1832 KB  
Co. Rep./Geo. R. HALL/T. LARSON Cont. DUKE DRLG RIG #2 Est. Ft. of Pay \_\_\_\_\_  
Location: Sec. 7 Twp. 23S Rge. 11W Co. STAFFORD State KS

Interval Tested 3708-3717 Drill Pipe Size 4.5" XH  
Anchor Length 9 Wt. Pipe I.D. - 2.7 Ft. Run \_\_\_\_\_  
Top Packer Depth 3703 Drill Collar - 2.25 Ft. Run \_\_\_\_\_  
Bottom Packer Depth 3708 Mud Wt. 9.3 lb/Gal.  
Total Depth 3717 Viscosity 42 Filtrate 12

Tool Open @ 8:00 PM Initial Blow STRONG BLOW-BOTTOM OF BUCKET IN 3.5 MINUTES

Final Blow STRONG BLOW-BOTTOM OF BUCKET IN 4 MINUTES

COPY

Recovery - Total Feet 1240 Flush Tool? NO

Rec. 60 Feet of MUDDY WATER WITH OIL SPECKS-80%WTR/20%MUD  
Rec. 1180 Feet of SULFUR WATER  
Rec. \_\_\_\_\_ Feet of (THIN LAYER OF CLEAN OIL @ TOP OF PIPE RECOVERY)  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

BHT 112 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
RW 0.62 @ 71 °F Chlorides 18000 ppm Recovery Chlorides 8000 ppm System

(A) Initial Hydrostatic Mud 1804.9 PSI AK1 Recorder No. 13788 Range 4650

(B) First Initial Flow Pressure 66.3 PSI @ (depth) 3714 w / Clock No. 22993

(C) First Final Flow Pressure 156.0 PSI AK1 Recorder No. 10248 Range 4400

(D) Initial Shut-in Pressure 1212.3 PSI @ (depth) 3709 w / Clock No. 30410

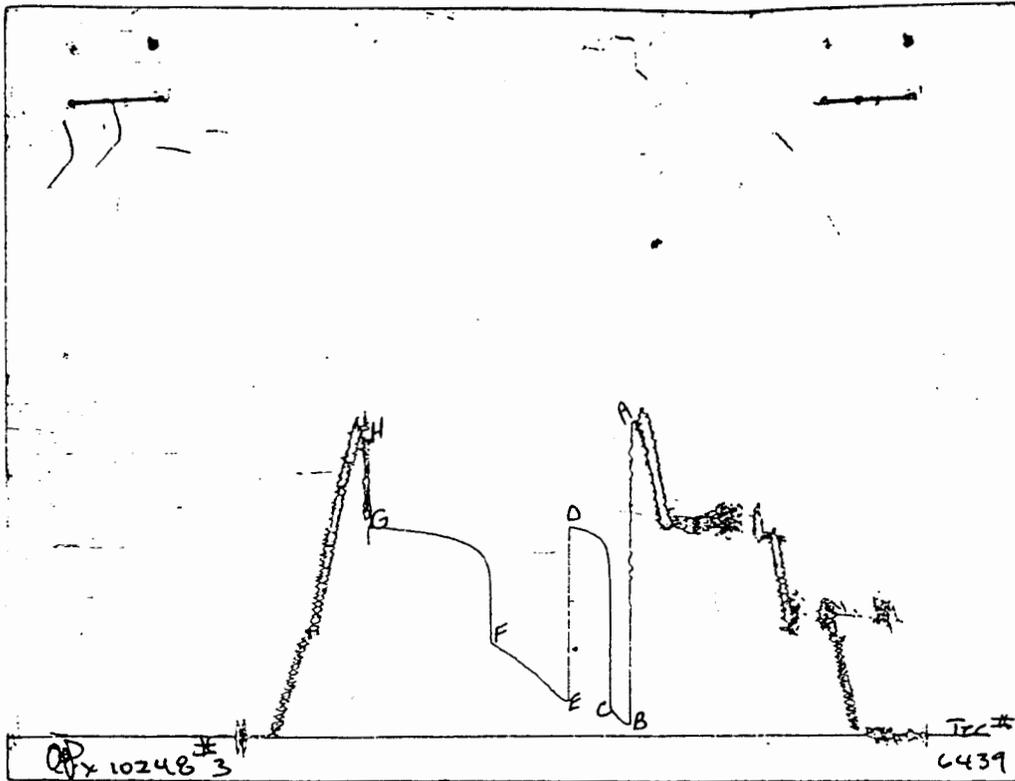
(E) Second Initial Flow Pressure 203.4 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_

(F) Second Final Flow Pressure 543.8 PSI @ (depth) \_\_\_\_\_ w / Clock No. \_\_\_\_\_

(G) Final Shut-in Pressure 1210.1 PSI Initial Opening 15 Final Flow 60

(H) Final Hydrostatic Mud 1734.8 PSI Initial Shut-in 30 Final Shut-in 90

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This is an actual photograph of recorder chart #10248

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1817	1804.9
(B) FIRST INITIAL FLOW PRESSURE	57	66.3
(C) FIRST FINAL FLOW PRESSURE	161	156
(D) INITIAL CLOSED-IN PRESSURE	1198	1212.3
(E) SECOND INITIAL FLOW PRESSURE	198	203.4
(F) SECOND FINAL FLOW PRESSURE	535	543.8
(G) FINAL CLOSED-IN PRESSURE	1207	1210.1
(H) FINAL HYDROSTATIC MUD	1766	1734.8