

# TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

## Drill-Stem Test Data

Well Name PRICE #1-22 Test No. 1 Date \_\_\_\_\_  
Company ENSIGN OPERATING COMPANY Zone \_\_\_\_\_  
Address 621 17th ST #1800 DENVER CO 80293 Elevation \_\_\_\_\_  
Co. Rep./Geo. DUANE MOREDOCK DUKE #1  
Co. Rep./Geo. 22 Cross 20W Est. Ft. of Pay RUSH  
Location: Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ Rge. \_\_\_\_\_ Co. \_\_\_\_\_ State \_\_\_\_\_  
4357-4370 4.5" XH

Interval Tested 13 Drill Pipe Size \_\_\_\_\_  
4352-4357 Wt. Pipe I.D. - 2.7 Ft. Run \_\_\_\_\_  
Anchor Length 4370 Drill Collar - 2.25 Ft. Run 50  
Top Packer Depth 4450 Mud Wt. \_\_\_\_\_ lb/Gal.  
Bottom Packer Depth \_\_\_\_\_ Viscosity \_\_\_\_\_ Filtrate \_\_\_\_\_  
Total Depth 7:31 PM VERY WEAK SURFACE BLOW - DIED IN 10 MINUTES

Tool Open @ NO BLOW Initial Blow \_\_\_\_\_  
Final Blow 5 NO  
5 MUD

Recovery - Total Feet \_\_\_\_\_ Flush Tool? \_\_\_\_\_

Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. 108 Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of 2246.1 22150

BHT \_\_\_\_\_ °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
RW \_\_\_\_\_ @ 39.5 Chlorides \_\_\_\_\_ ppm Recovery 24174 Chlorides \_\_\_\_\_ ppm System

(A) Initial Hydrostatic Mud 1078.1 PSI AK1 Recorder No. 4366 Range \_\_\_\_\_  
39.5 11058

(B) First Initial Flow Pressure \_\_\_\_\_ PSI @ (depth) \_\_\_\_\_ w / Clock No. 4367

(C) First Final Flow Pressure 931.7 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_

(D) Initial Shut-in Pressure 2164.8 PSI @ (depth) \_\_\_\_\_ w / Clock No. 60

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

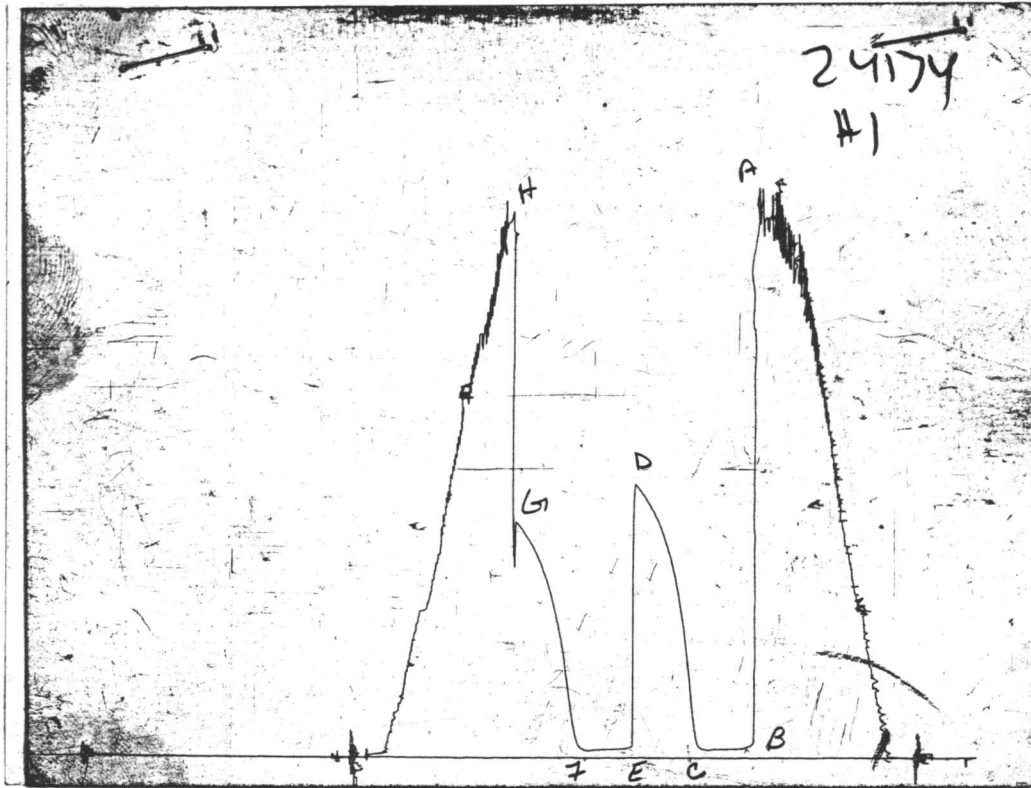
(F) Second Final Flow Pressure \_\_\_\_\_ PSI @ (depth) \_\_\_\_\_ w / Clock No. \_\_\_\_\_

(G) Final Shut-in Pressure \_\_\_\_\_ PSI Initial Opening \_\_\_\_\_ Final Flow \_\_\_\_\_

(H) Final Hydrostatic Mud \_\_\_\_\_ PSI Initial Shut-in \_\_\_\_\_ Final Shut-in \_\_\_\_\_

Our Representative \_\_\_\_\_

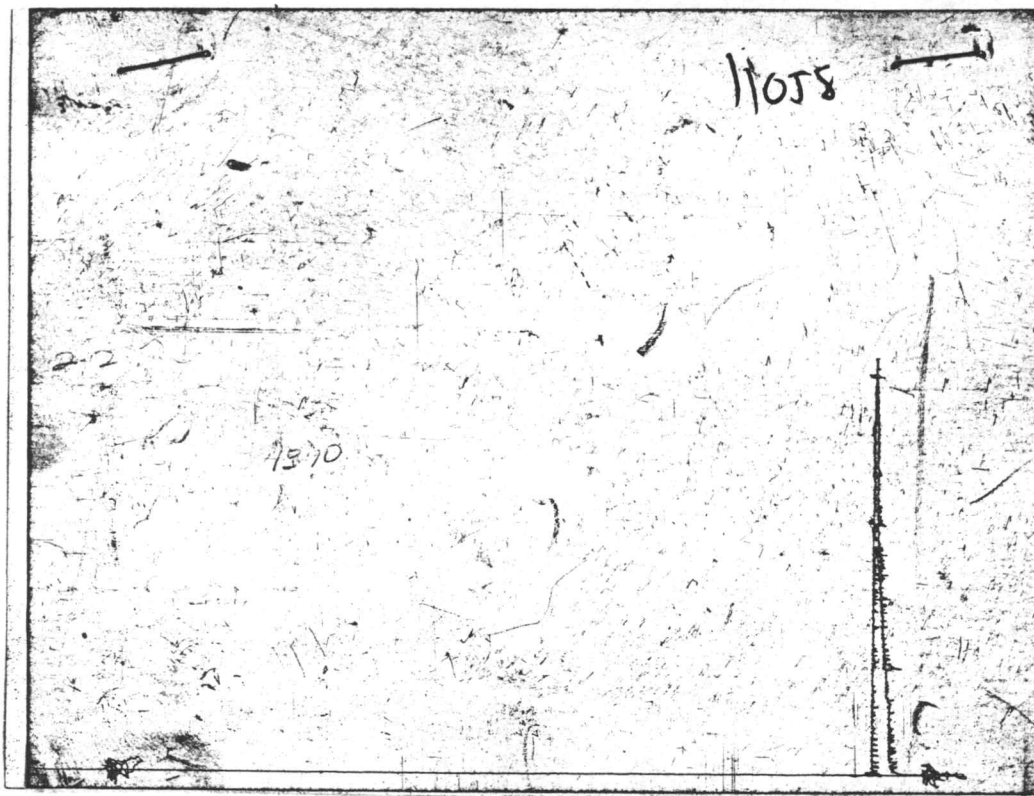
# CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2237	2246.1
(B) FIRST INITIAL FLOW PRESSURE	30	39.5
(C) FIRST FINAL FLOW PRESSURE	30	39.5
(D) INITIAL CLOSED-IN PRESSURE	1070	1078.1
(E) SECOND INITIAL FLOW PRESSURE	30	39.5
(F) SECOND FINAL FLOW PRESSURE	30	39.5
(G) FINAL CLOSED-IN PRESSURE	926	931.7
(H) FINAL HYDROSTATIC MUD	2159	2164.8

## CHART PAGE



This is an actual photograph of recorder chart

FIELD  
READING

OFFICE  
READING

- (A) INITIAL HYDROSTATIC MUD
- (B) FIRST INITIAL FLOW PRESSURE
- (C) FIRST FINAL FLOW PRESSURE
- (D) INITIAL CLOSED-IN PRESSURE
- (E) SECOND INITIAL FLOW PRESSURE
- (F) SECOND FINAL FLOW PRESSURE
- (G) FINAL CLOSED-IN PRESSURE
- (H) FINAL HYDROSTATIC MUD

# FLUID SAMPLER DATA

Ticket No.: 5739

Date: 5/14/93

Company: ENSIGN OPERATING COMPANY

Lease: PRICE #1-22

Test No.: 1

County: RUSH

Sec.: 22

Twp.: 19S

Rng.: 20W

## SAMPLER RECOVERY

Gas

Oil TRACE

Mud 4000

Water

Other

Pressure 10

TOTAL 4000

## SAMPLER ANALYSIS

Resistivity ohms@ F

Chlorides ppm.

Gravity corrected @60F

## PIT MUD ANALYSIS

Chlorides

Resistivity ohms@ F

Viscosity 50

Mud Wt. 9.3

Filtrate 12

Other

## PIPE RECOVERY

### TOP

Resistivity ohms@ F

Chlorides ppm

### MIDDLE

Resistivity ohms@ F

Chlorides ppm

### BOTTOM

Resistivity ohms@ F

Chlorides ppm