15-191-22210 20-33s-4w

# TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Computer Inventoried

## Drill-Stem Test Data

Well Name ADKISSON #1 Test No. 1 Date 8/8/92

Company HALLWOOD PETROLEUM INC. Zone MISSISSIPPIA

Address P.O. BOX 378111 DENVER CO 80237 Elevation 1258 K.B.

Co. Rep./Geo. JIM MUSGROVE Cont. LOBO DRLG #1 Est. Ft. of Pay

Location: Sec. 20 Twp. 33S Rge. 4W Co. SUMNER State KS

Interval Tested 4550-4580

Anchor Length 30

Top Packer Depth 4545-4550

Bottom Packer Depth 4580

Total Depth 4889

Drill Pipe Size 4.5 XH

Wt. Pipe I.D. - 2.7 Ft. Run

Drill Collar — 2.25 Ft. Run 577

Mud Wt. 9.2 lb/Gal.

Viscosity 50 Filtrate 12

Tool Open @ 11:15 PM Initial Blow STRONG BLOW - BUILT TO BOTTOM OF BUCKET IN 30 SECONDS

ISI:BLED OFF BLOW-NO BLOW BACK

Final Blow STRONG BLOW-BUILT TO BOTTOM OF BUCKET IN 1 MINUTE

FSI:BLED OFF BLOW-NO BLOW BACK

Recovery - Total Feet 2050 Flush Tool? NO

Rec. 1025 Feet of DRILLING MUD

Rec. 1025 Feet of SALT WATER

Rec. Feet of

Rec. Feet of

Rec. Feet of

RECEIVED
KANSAS CORPORATION COMMISSION
OCT 6 1992
CONSERVATION DIVISION
WICHITA, KS

BHT 120 °F Gravity °API @ °F Corrected Gravity °API

RW 0.35 @ 80 °F Chlorides 18000 ppm Recovery Chlorides 6000 ppm System

(A) Initial Hydrostatic Mud 2285.6 PSI AK1 Recorder No. 13277 Range 4125

(B) First Initial Flow Pressure 700.3 PSI @ (depth) 4554 w / Clock No. 27594

(C) First Final Flow Pressure 764.2 PSI AK1 Recorder No. 5495 Range 4200

(D) Initial Shut-in Pressure 1680.3 PSI @ (depth) 4572 w / Clock No. 30418

(E) Second Initial Flow Pressure 866.1 PSI AK1 Recorder No. 11038 Range 5075

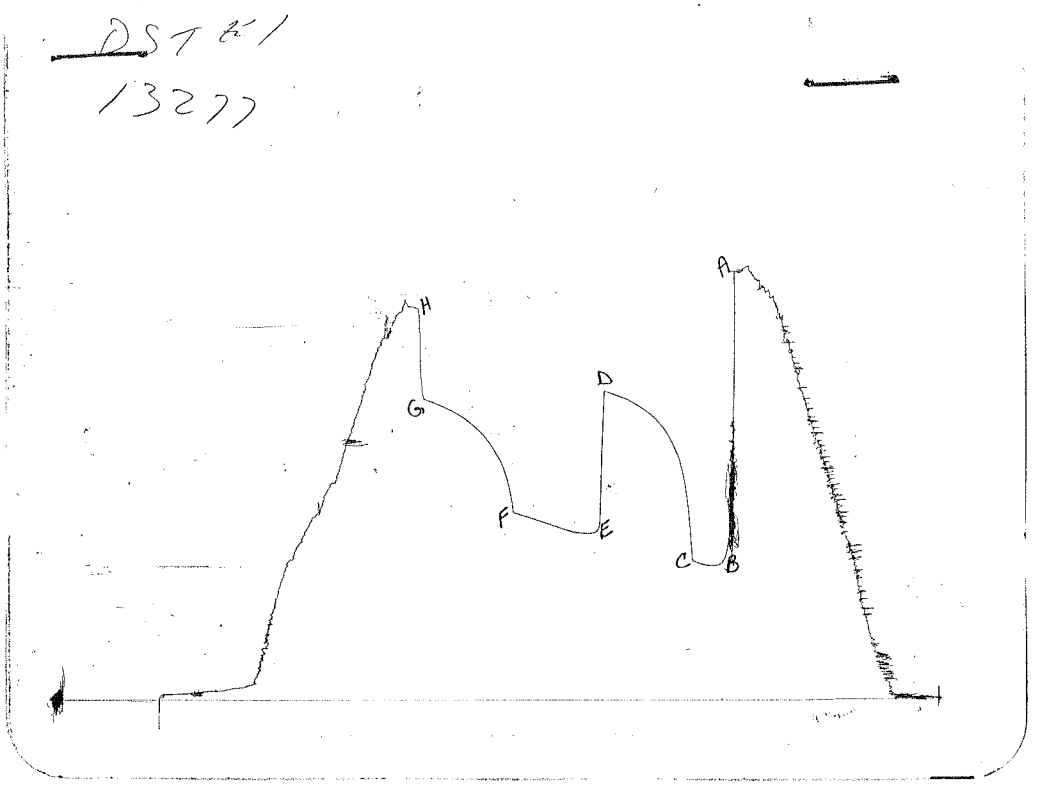
(F) Second Final Flow Pressure 1005.6 PSI @ (depth) 4886 w / Clock No. 3972

(G) Final Shut-in Pressure 1640.2 PSI Initial Opening 30 Final Flow 60

(H) Final Hydrostatic Mud 2180.4 PSI Initial Shut-in 60 Final Shut-in 60

Our Representative TOM HORACEK

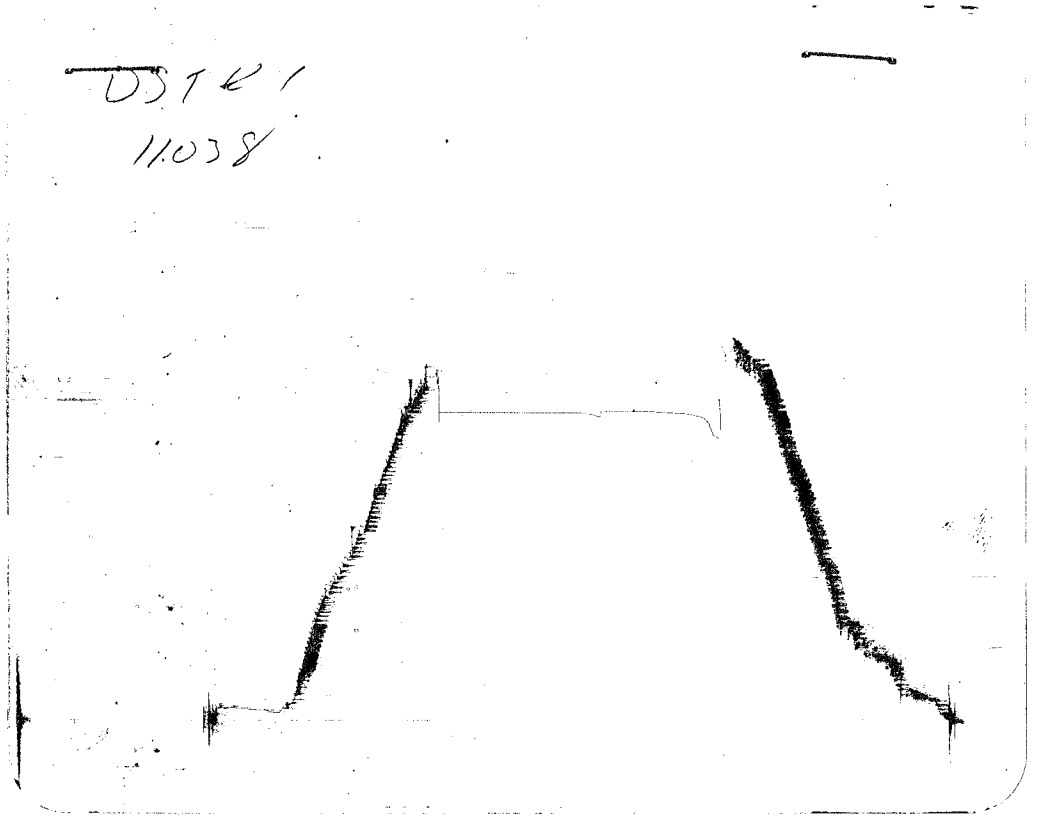
# CHART PAGE




This is an actual photograph of recorder chart

| | FIELD READING | OFFICE READING |
|---|---|---|
| (A) INITIAL HYDROSTATIC MUD | 2280 | 2285.6 |
| (B) FIRST INITIAL FLOW PRESSURE | 696 | 700.3 |
| (C) FIRST FINAL FLOW PRESSURE | 759 | 764.2 |
| (D) INITIAL CLOSED-IN PRESSURE | 1679 | 1680.3 |
| (E) SECOND INITIAL FLOW PRESSURE | 865 | 866.1 |
| (F) SECOND FINAL FLOW PRESSURE | 1003 | 1005.6 |
| (G) FINAL CLOSED-IN PRESSURE | 1637 | 1640.2 |
| (H) FINAL HYDROSTATIC MUD | 2185 | 2180.4 |

# 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 | |

# TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

## Test Ticket

No. 5044

Well Name & No. Adkisson #1 Test No. #1 Date 5-8-92

Company Hallwood Pet Zone Tested Miss.

Address 4582 S. Ulster St. Pkwy. #1700 Denver, Co. 80237 Elevation 1258 (KB)

Co. Rep./Geo. J.C. Muskgrove Cont. Lobo Drlg. #1 Est. Ft. of Pay

Location: Sec. 20 Twp. 33 Rge. 4 Co. Sumner State Ks.

No. of Copies Distribution Sheet Yes X No Turnkey Yes No Evaluation

Interval Tested 4550-4580 Drill Pipe Size 4.5 x-Hole

Anchor Length 30 Top Choke — 1" Bottom Choke — ¾"

Top Packer Depth 4545- 4550 Hole Size — 7⅞" Rubber Size — 6¾"

Bottom Packer Depth 4580 Wt. Pipe I.D. — 2.7 Ft. Run

Total Depth 4889 Drill Collar — 2.25 Ft. Run 577'

Mud Wt. 9.2 lb/gal. Viscosity 50 Filtrate 12.0

Tool Open @ 11:15 pm Initial Blow strong blow - built to bottom of bucket 30 sec. FSI. bled off blow - NO blow back

Final Blow strong blow - built to bottom of bucket 1 min. FSI. bled off blow - NO blow back

Recovery — Total Feet 2050' Feet of Gas in Pipe Flush Tool? NO

| | | | | | | |
|---|---|---|---|---|---|---|
| Rec. | Feet Of | | %gas | %oil | %water | %mud |
| Rec. | Feet Of | | %gas | %oil | %water | %mud |
| Rec. 1025' | Feet Of | Drlg mud | %gas | %oil | %water | %mud |
| Rec. 1025' | Feet Of | salt water | %gas | %oil | %water | %mud |
| Rec. | Feet Of | | %gas | %oil | %water | %mud |

BHT 120 °F Gravity °API @ °F Corrected Gravity °API

RW .35 @ 80 °F Chlorides 18000 ppm Recovery Chlorides 6,000 ppm System

| | | | | | |
|---|---|---|---|---|---|
| (A) Initial Hydrostatic Mud | 2280 PSI | AK1 Recorder No. | 13277 | Range | 4125 |
| (B) First Initial Flow Pressure | 696 PSI | @ (depth) | 4554 | w/Clock No. | 27594 |
| (C) First Final Flow Pressure | 759 PSI | AK1 Recorder No. | 5485 | Range | 4200 |
| (D) Initial Shut-In Pressure | 1679 PSI | @ (depth) | 4572 | w/Clock No. | 30418 |
| (E) Second Initial Flow Pressure | 865 PSI | AK1 Recorder No. | 11038 | Range | 5075 |
| (F) Second Final Flow Pressure | 1003 PSI | @ (depth) | 4886 | w/Clock No. | 3942 |
| (G) Final Shut-In Pressure | 1637 PSI | Initial Opening | 30 | Test | X 550.00 |
| (H) Final Hydrostatic Mud | 2185 PSI | Initial Shut-In | 60 | Jars | X 2020.00 |
| | | Final Flow | 60 | Safety Joint | X 50.00 |
| | | Final Shut-In | 60 | Straddle | X 250.00 |
| | | | | Circ. Sub | X Drop Bar |
| | | | | Sampler | |
| | | | | Extra Packer | X 150.00 |
| | | | | Other | |

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By

Our Representative Tom Hodges