# TRILOBITE TESTING, L.L.C.

ORIGINAL

P.O. Box 362 • Hays, Kansas 67601

Computer Inventoried **Drill-Stem Test Data** 15-009-24564

Well Name WEBER #1 Test No. 1 Date 9/18/93

Company PELICAN HILL OIL & GAS Zone LKC "B-C"

Address 2139 AVENIDA ESPADA SAN CLEMENTE CA 92672 Elevation 1880 KB

Co. Rep./Geo. RANDY KILIAN Cont. ALLEN RIG #3 Est. Ft. of Pay

Location: Sec. 16 Twp. 16S Rge. 12W Co. BARTON State KS

Interval Tested 3049-3090 Drill Pipe Size 4.5" XH

Anchor Length 41 Wt. Pipe I.D. - 2.7 Ft. Run

Top Packer Depth 3044 Drill Collar – 2.25 Ft. Run

Bottom Packer Depth 3049 Mud Wt. 9 lb/Gal.

Total Depth 3090 Viscosity 44 Filtrate 11

Tool Open @ 11:32 AM Initial Blow STRONG BLOW-BOTTOM OF BUCKET IN 30 SECONDS

Final Blow STRONG-BOTTOM OF BUCKET IN 30 SECONDS
1/2" BLOW ON SHUTIN

RECEIVED
KANSAS CORPORATION COMMISSION
JUL 11 1996
CONSERVATION DIVISION
WICHITA, KS

Recovery - Total Feet 1200/360 GIP Flush Tool? NO

Rec. 60 Feet of GSY OIL & WTR CUT MUD-15%GAS/10%OIL/45%WTR/30%MUD

Rec. 60 Feet of GSY OIL & WTR CUT MUD-20%GAS/20%OIL/30%WTR/30%MUD

Rec. 120 Feet of GSY SLTLY OIL & WTR CUT MUD-10%GAS/5%OIL/20%WTR/65%MUD

Rec. 600 Feet of GSY SLTLY OIL & MUD CUT WTR-10%GAS/5%OIL/50%WTR/35%MUD

Rec. 360 Feet of SALT WATER

BHT 115 °F Gravity °API @ °F Corrected Gravity °API

RW 0.13 @ 80 °F Chlorides 53000 ppm Recovery Chlorides 6000 ppm System

(A) Initial Hydrostatic Mud 1470.3 PSI AK1 Recorder No. 22150 Range 3925

(B) First Initial Flow Pressure 211.9 PSI @ (depth) 3052 w / Clock No. 22992

(C) First Final Flow Pressure 295.7 PSI AK1 Recorder No. 24174 Range 3050

(D) Initial Shut-in Pressure 861.2 PSI @ (depth) 3087 w / Clock No. 30401

(E) Second Initial Flow Pressure 417.6 PSI AK1 Recorder No. Range

KCC
APR 23 1997

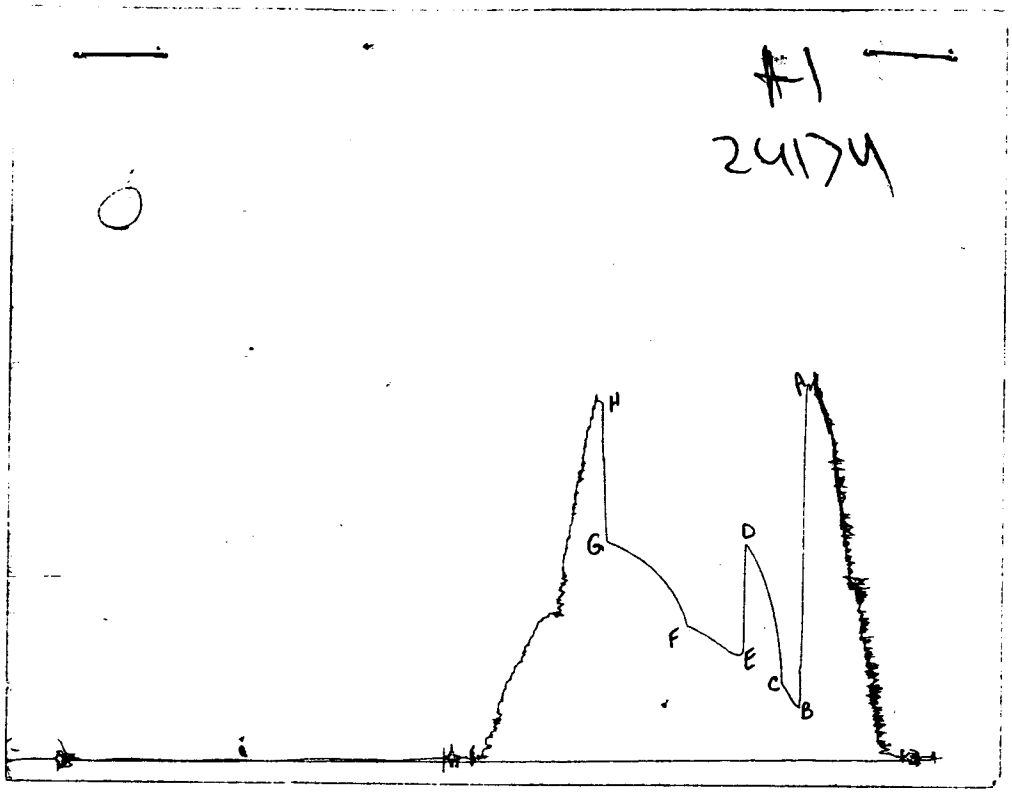
(F) Second Final Flow Pressure 525.8 PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure 866.6 PSI Initial Opening 15 Final Flow 45

(H) Final Hydrostatic Mud 1420.7 PSI Initial Shut-in 30 Final Shut-in 60

Our Representative PAUL SIMPSON

## CHART PAGE




This is an actual photograph of recorder chart

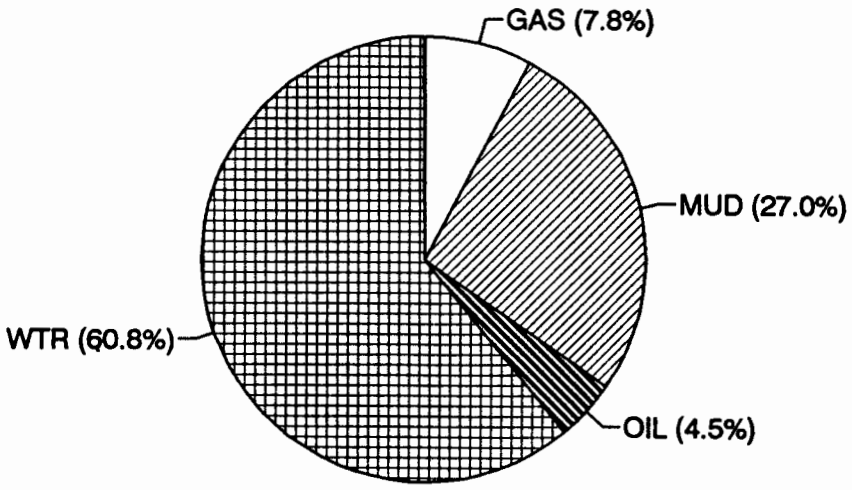
| | FIELD READING | OFFICE READING |
|---|---|---|
| (A) INITIAL HYDROSTATIC MUD | 1477 | 1470.3 |
| (B) FIRST INITIAL FLOW PRESSURE | 210 | 211.9 |
| (C) FIRST FINAL FLOW PRESSURE | 301 | 295.7 |
| (D) INITIAL CLOSED-IN PRESSURE | 858 | 861.2 |
| (E) SECOND INITIAL FLOW PRESSURE | 415 | 417.6 |
| (F) SECOND FINAL FLOW PRESSURE | 522 | 525.8 |
| (G) FINAL CLOSED-IN PRESSURE | 865 | 866.6 |
| (H) FINAL HYDROSTATIC MUD | 1416 | 1420.7 |

CALCULATED RECOVERY ANALYSIS DRILL PIPE

DST # 1 TICKET 6139

| SAMPLE | TOTAL | GAS | | OIL | | WATER | | MUD | |
|---|---|---|---|---|---|---|---|---|---|
| # | FEET | % | FEET | % | FEET | % | FEET | % | FEET |
| 1 | 60 | 15 | 9 | 10 | 6 | 45 | 27 | 30 | 18 |
| 2 | 60 | 20 | 12 | 20 | 12 | 30 | 18 | 30 | 18 |
| 3 | 120 | 10 | 12 | 5 | 6 | 20 | 24 | 65 | 78 |
| 4 | 600 | 10 | 60 | 5 | 30 | 50 | 300 | 35 | 210 |
| 5 | 360 | 0 | 0 | 0 | 0 | 100 | 360 | 0 | 0 |
| TOTAL | 1200 | 7.75 | 93 | 4.5 | 54 | 60.75 | 729 | 27 | 324 |

| | | | HRS | BBL/DAY |
|---|---|---|---|---|
| BBL OIL= | 0.76788 | * | 1 | 18.429 |
| BBL WATER= | 10.36638 | * | | 248.79 |
| BBL MUD= | 4.60728 | | | |
| BBL GAS | 1.32246 | | | |



# TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

## Test Ticket

NO 6139

Well Name & No. Weber #1 Test No. 1 Date 9-18-93

Company Pelican Hill Oil + Gas Zone Tested LKC B-C

Address 2139 Avenida Espada San Clemente Ca 92672 Elevation 1880

Co. Rep./Geo. Randy Kilian Cont. Allen #3 Est. Ft. of Pay

Location: Sec. 16 Twp. 16s Rge. 12w Co. Russell State Ks

No. of Copies 6 Distribution Sheet ____ Yes ____ No Turnkey ____ Yes ____ No ____ Evaluation

Interval Tested 3049 - 3090 Drill Pipe Size 4½ XH

Anchor Length 41 Top Choke — 1" ____ Bottom Choke — ¾" ____

Top Packer Depth 3044 Hole Size — 7⅞" ____ Rubber Size — 6¾" ____

Bottom Packer Depth 3049 Wt. Pipe I.D. — 2.7 Ft. Run ____

Total Depth 3090 Drill Collar — 2.25 Ft. Run ____

Mud Wt. 9.0 lb/gal. Viscosity 44 Filtrate 11.0

Tool Open @ 11:32AM Initial Blow strong blow- bottom of bucket in 30 seconds

Final Blow strong - bottom of bucket in 30 seconds
½" blow on shut in

Recovery — Total Feet 1200 Feet of Gas in Pipe 360 Flush Tool? ____

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Rec. | 60 | Feet Of | gsy SO&WCM | 15 | %gas | 10 | %oil | 45 | %water | 30 %mud |
| Rec. | 60 | Feet Of | gsy O&WCM | 20 | %gas | 20 | %oil | 30 | %water | 30 %mud |
| Rec. | 120 | Feet Of | gsy slo&wcm | 10 | %gas | 5 | %oil | 20 | %water | 65 %mud |
| Rec. | 600 | Feet Of | gsy slo&mcw | 10 | %gas | 5 | %oil | 50 | %water | 35 %mud |
| Rec. | 360 | Feet Of | salt water | | %gas | | %oil | | %water | %mud |

BHT 115 °F Gravity ____ °API @ ____ °F Corrected Gravity ____ °API

RW .13 @ 80 °F Chlorides 53,000 ppm Recovery Chlorides 6000 ppm System

| | | | | | |
|---|---|---|---|---|---|
| (A) Initial Hydrostatic Mud | 1477 PSI | AK1 Recorder No. | 22150 | Range | 3925 |
| (B) First Initial Flow Pressure | 210 PSI | @ (depth) | 3052 | w/Clock No. | 22992 |
| (C) First Final Flow Pressure | 301 PSI | AK1 Recorder No. | 24174 | Range | 3050 |
| (D) Initial Shut-In Pressure | 858 PSI | @ (depth) | 3087 | w/Clock No. | 30401 |
| (E) Second Initial Flow Pressure | 415 PSI | AK1 Recorder No. | | Range | |
| (F) Second Final Flow Pressure | 522 PSI | @ (depth) | | w/Clock No. | |
| (G) Final Shut-In Pressure | 865 PSI | Initial Opening | 15 | Test | good |
| (H) Final Hydrostatic Mud | 1416 PSI | Initial Shut-In | 30 | Jars | |
| | | Final Flow | 45 | Safety Joint | |
| | | Final Shut-In | 60 | Straddle | |
| | | | | Circ. Sub | |
| | | | | Sampler | |
| | | | | Extra Packer | |
| | | | | Other | |
| | | | | TOTAL PRICE $ | |



Approved By ____

Our Representative Paul Simpson

Printcraft Printers - Hays, KS

# TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

## Drill-Stem Test Data

Well Name WEBER #1 Test No. 2 Date 9/19/93

Company PELICAN HILL OIL & GAS Zone LKC "G"

Address 2139 AVENIDA ESPADA SAN CLEMENTE CA 92672 Elevation 1880 KB

Co. Rep./Geo. RANDY KILIAN Cont. ALLEN RIG #3 Est. Ft. of Pay 13

Location: Sec. 16 Twp. 16S Rge. 12W Co. BARTON State KS

---

Interval Tested 3131-3145 Drill Pipe Size 4.5" XH

Anchor Length 14 Wt. Pipe I.D. - 2.7 Ft. Run

Top Packer Depth 3126 Drill Collar – 2.25 Ft. Run

Bottom Packer Depth 3131 Mud Wt. 9 lb/Gal.

Total Depth 3145 Viscosity 45 Filtrate N/A

Tool Open @ 12:17 AM Initial Blow 1/4" BLOW DECREASED & DIED IN 12 MINUTES

Final Blow NO BLOW

Recovery - Total Feet 15 Flush Tool? NO

Rec. 15 Feet of MUDDY WATER WITH GOOD SHOW OF OIL AT TOP

Rec. Feet of

Rec. Feet of

Rec. Feet of

Rec. Feet of

BHT 112 °F Gravity °API @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides ppm System

(A) Initial Hydrostatic Mud 1550.1 PSI AK1 Recorder No. 22150 Range 3925

(B) First Initial Flow Pressure 35.4 PSI @ (depth) 3135 w / Clock No. 27573

(C) First Final Flow Pressure 40.6 PSI AK1 Recorder No. 24174 Range 3050

(D) Initial Shut-in Pressure 731.4 PSI @ (depth) 3143 w / Clock No. 30401

(E) Second Initial Flow Pressure 441.7 PSI AK1 Recorder No. Range

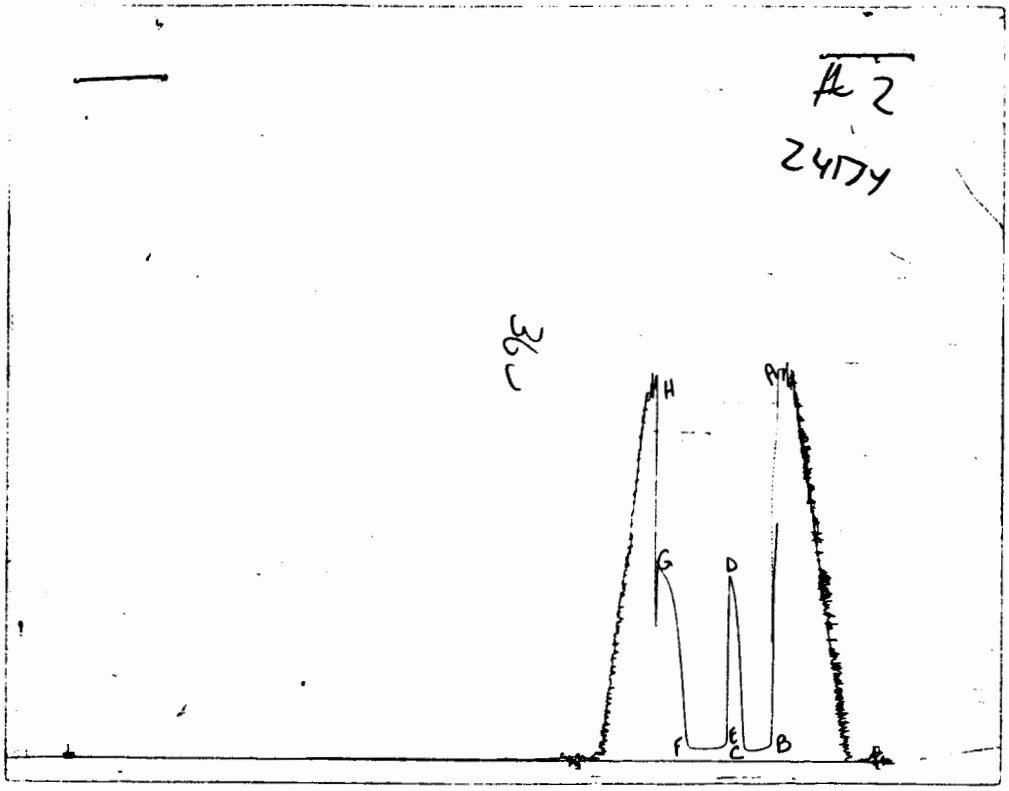
(F) Second Final Flow Pressure 41.7 PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure 760.2 PSI Initial Opening 15 Final Flow 30

(H) Final Hydrostatic Mud 1520.4 PSI Initial Shut-in 15 Final Shut-in 30

Our Representative PAUL SIMPSON

## CHART PAGE




This is an actual photograph of recorder chart

| | FIELD READING | OFFICE READING |
|---|---|---|
| (A) INITIAL HYDROSTATIC MUD | 1545 | 1550.1 |
| (B) FIRST INITIAL FLOW PRESSURE | 30 | 35.4 |
| (C) FIRST FINAL FLOW PRESSURE | 37 | 40.6 |
| (D) INITIAL CLOSED-IN PRESSURE | 728 | 731.4 |
| (E) SECOND INITIAL FLOW PRESSURE | 37 | 441.7 |
| (F) SECOND FINAL FLOW PRESSURE | 37 | 41.7 |
| (G) FINAL CLOSED-IN PRESSURE | 758 | 760.2 |
| (H FINAL HYDROSTATIC MUD | 1515 | 1520.4 |

# TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

## Test Ticket

No. 6140

Well Name & No. Weber #1 Test No. 2 Date 9-19-93

Company Pelican Hill Oil & Gas Zone Tested LKC "G"

Address _____ Elevation 1880

Co. Rep./Geo. Randy Kilian Cont. Allen #3 Est. Ft. of Pay 13

Location: Sec. 16 Twp. 16s Rge. 12w Co. Russell State Ks

No. of Copies 6 Distribution Sheet _____ Yes _____ No Turnkey _____ Yes _____ No _____ Evaluation

Interval Tested 3131 - 3145 Drill Pipe Size 4½ XH

Anchor Length 14 Top Choke — 1" _____ Bottom Choke — ¾" _____

Top Packer Depth 3126 Hole Size — 7⅞" _____ Rubber Size — 6¾" _____

Bottom Packer Depth 3131 Wt. Pipe I.D. — 2.7 Ft. Run _____

Total Depth 3145 Drill Collar — 2.25 Ft. Run _____

Mud Wt. 9.0 lb / gal. Viscosity 45 Filtrate _____

Tool Open @ 12:10 AM Initial Blow ½" blow decreased & died in 12 minutes

Final Blow No blow

Recovery — Total Feet 15 Feet of Gas in Pipe _____ Flush Tool? _____

| | | | | | |
|---|---|---|---|---|---|
| Rec. 15 | Feet Of Muddy water (w/good show of oil on top) | %gas | %oil | %water | %mud |
| Rec. _____ | Feet Of _____ | %gas | %oil | %water | %mud |
| Rec. _____ | Feet Of _____ | %gas | %oil | %water | %mud |
| Rec. _____ | Feet Of _____ | %gas | %oil | %water | %mud |
| Rec. _____ | Feet Of _____ | %gas | %oil | %water | %mud |

BHT 112 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

| | | | | | |
|---|---|---|---|---|---|
| (A) Initial Hydrostatic Mud | 1545 PSI | AK1 Recorder No. | 22150 | Range | 3925 |
| (B) First Initial Flow Pressure | 30 PSI | @ (depth) | 3135 | w/Clock No. | 27573 |
| (C) First Final Flow Pressure | 37 PSI | AK1 Recorder No. | 24174 | Range | 3050 |
| (D) Initial Shut-In Pressure | 728 PSI | @ (depth) | 3143 | w/Clock No. | 30401 |
| (E) Second Initial Flow Pressure | 37 PSI | AK1 Recorder No. | _____ | Range | _____ |
| (F) Second Final Flow Pressure | 37 PSI | @ (depth) | _____ | w/Clock No. | _____ |
| (G) Final Shut-In Pressure | 758 PSI | Initial Opening | 15 | Test | 600.00 |
| (H) Final Hydrostatic Mud | 1515 PSI | Initial Shut-In | 15 | Jars | _____ |
| | | Final Flow | 30 | Safety Joint | _____ |
| | | Final Shut-In | 30 | Straddle | _____ |
| | | | | Circ. Sub | _____ |
| | | | | Sampler | _____ |
| | | | | Extra Packer | _____ |
| | | | | Other | _____ |
| | | | | TOTAL PRICE $ | _____ |



Approved By _____

Our Representative Paul Simpson

Printcraft Printers - Hays, KS

# TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

## Drill-Stem Test Data

Well Name WEBER #1 Test No. 3 Date 9/20/93

Company PELICAN HILL OIL & GAS Zone ARBUCKLE

Address 2139 AVENIDA ESPADA SAN CLEMENTE CA 92672 Elevation 1880 KB

Co. Rep./Geo. RANDY KILIAN Cont. ALLEN RIG #3 Est. Ft. of Pay

Location: Sec. 16 Twp. 16S Rge. 12W Co. BARTON State KS

---

Interval Tested 3307-3319 Drill Pipe Size 4.5" XH

Anchor Length 12 Wt. Pipe I.D. - 2.7 Ft. Run

Top Packer Depth 3302 Drill Collar – 2.25 Ft. Run

Bottom Packer Depth 3307 Mud Wt. 9.2 lb/Gal.

Total Depth 3319 Viscosity 51 Filtrate N/A

Tool Open @ 1:56 AM Initial Blow VERY STRONG-BOTTOM OF BUCKET IN 30 SECONDS
(BLOW BACK BUILT TO BOTTOM OF BUCKET IN 10 MINUTES

Final Blow BOTTOM OF BUCKET IN 30 SECONDS

Recovery - Total Feet 2740 Flush Tool? NO

Rec. 560 Feet of GAS IN PIPE

Rec. 2740 Feet of GASSY OIL-40% GAS/ 60% OIL

Rec. Feet of

Rec. Feet of

Rec. Feet of

BHT 115 °F Gravity 41 °API @ 60 °F Corrected Gravity 41 °API

RW @ °F Chlorides ppm Recovery Chlorides ppm System

(A) Initial Hydrostatic Mud 1671.3 PSI AK1 Recorder No. 22150 Range 3925

(B) First Initial Flow Pressure 288.1 PSI @ (depth) 3310 w / Clock No. 22992

(C) First Final Flow Pressure 555.3 PSI AK1 Recorder No. 24174 Range 3050

(D) Initial Shut-in Pressure 1034.7 PSI @ (depth) 3316 w / Clock No. 30401

(E) Second Initial Flow Pressure 635.8 PSI AK1 Recorder No. Range

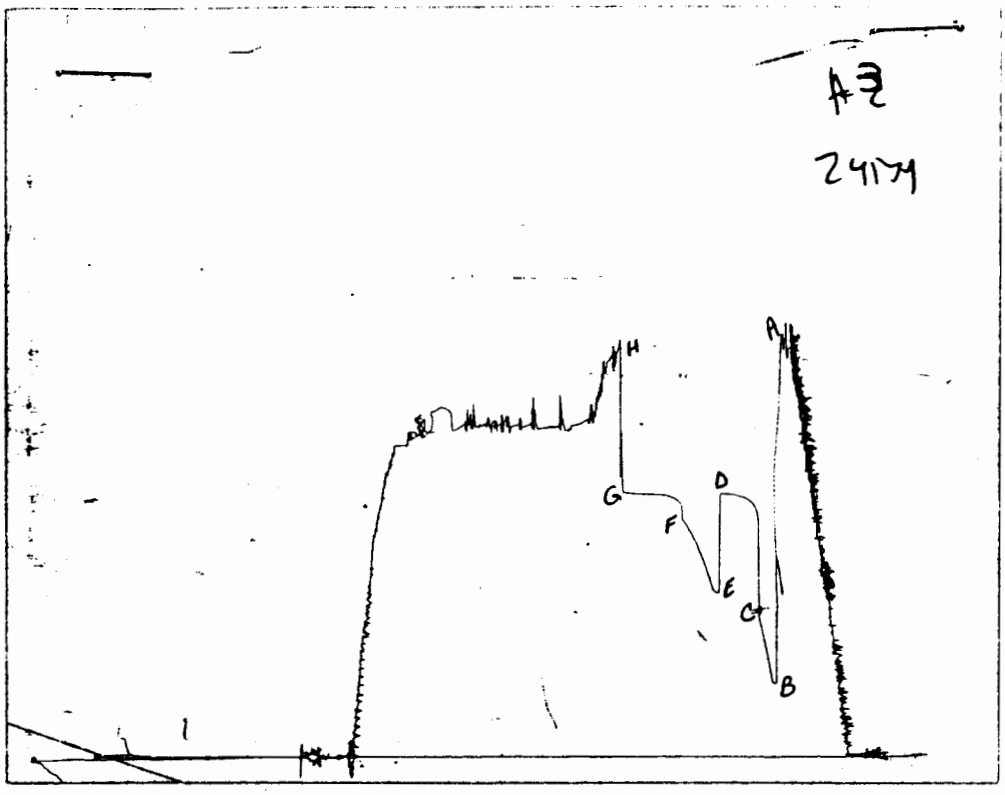
(F) Second Final Flow Pressure 930.1 PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure 1033.6 PSI Initial Opening 15 Final Flow 30

(H) Final Hydrostatic Mud 1644.7 PSI Initial Shut-in 30 Final Shut-in 45

Our Representative PAUL SIMPSON

## CHART PAGE




This is an actual photograph of recorder chart

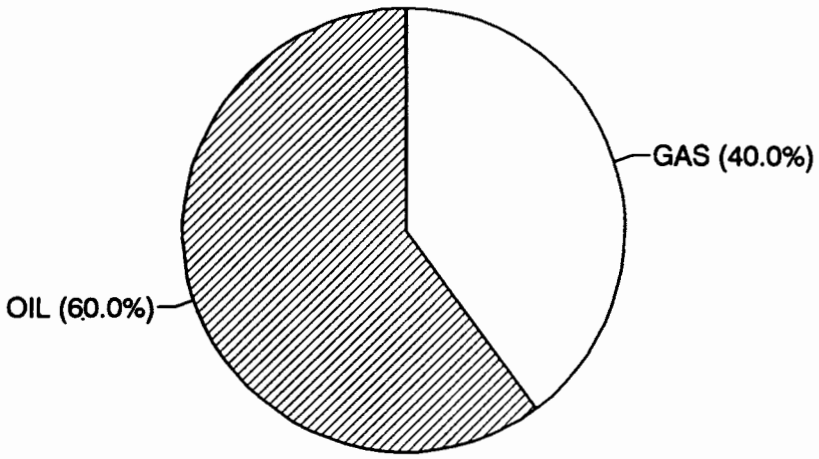
| | FIELD READING | OFFICE READING |
|---|---|---|
| (A) INITIAL HYDROSTATIC MUD | 1666 | 1671.3 |
| (B) FIRST INITIAL FLOW PRESSURE | 285 | 288.1 |
| (C) FIRST FINAL FLOW PRESSURE | 553 | 555.3 |
| (D) INITIAL CLOSED-IN PRESSURE | 1032 | 1034.7 |
| (E) SECOND INITIAL FLOW PRESSURE | 637 | 635.8 |
| (F) SECOND FINAL FLOW PRESSURE | 926 | 930.1 |
| (G) FINAL CLOSED-IN PRESSURE | 1032 | 1033.6 |
| (H) FINAL HYDROSTATIC MUD | 1643 | 1644.7 |

CALCULATED RECOVERY ANALYSIS DRILL PIPE

DST # 3 TICKET 6141

| SAMPLE # | TOTAL FEET | GAS % | GAS FEET | OIL % | OIL FEET | WATER % | WATER FEET | MUD % | MUD FEET |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2740 | 40 | 1096 | 60 | 1644 | 0 | 0 | 0 | 0 |
| 2 | | | 0 | | 0 | | 0 | | 0 |
| 3 | | | 0 | | 0 | | 0 | | 0 |
| 4 | | | 0 | | 0 | | 0 | | 0 |
| 5 | | | 0 | | 0 | | 0 | | 0 |
| TOTAL | 2740 | 40 | 1096 | 60 | 1644 | 0 | 0 | 0 | 0 |

| | | | HRS | BBL/DAY |
|---|---|---|---|---|
| BBL OIL= | 23.37768 | * | 0.75 | 748.09 |
| BBL WATER= | 0 | * | | 0 |
| BBL MUD= | 0 | | | |
| BBL GAS | 15.58512 | | | |



# TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

## Test Ticket

No. 6141

Well Name & No. Weber #1 Test No. 3 Date 9-20-93

Company Pelican Hill Oil & Gas Zone Tested Arbuckle

Address _____ Elevation 1880

Co. Rep./Geo. Randy Kilian Cont. Allen #3 Est. Ft. of Pay _____

Location: Sec. 16 Twp. 16s Rge. 12w Co. Barton State Ks

No. of Copies 6 Distribution Sheet _____ Yes _____ No Turnkey _____ Yes _____ No NO Evaluation

Interval Tested 3307 -3319 Drill Pipe Size 4½ XH

Anchor Length 12 Top Choke — 1" _____ Bottom Choke — ¾" _____

Top Packer Depth 3302 Hole Size — 7⅞" _____ Rubber Size — 6¾" _____

Bottom Packer Depth 3307 Wt. Pipe I.D. — 2.7 Ft. Run _____

Total Depth 3319 Drill Collar — 2.25 Ft. Run _____

Mud Wt. 9.2 lb / gal. Viscosity 51 Filtrate _____

Tool Open @ 1:56 AM Initial Blow very strong - bottom of bucket in 30 seconds (blowback built to bottom of bucket in 10 minutes)

Final Blow bottom of bucket in 30 seconds

Recovery — Total Feet 2740 Feet of Gas in Pipe 560 Flush Tool? _____

Rec. 2740 Feet Of 95% oil 40 %gas 60 %oil _____ %water _____ %mud

Rec. _____ Feet Of _____ %gas _____ %oil _____ %water _____ %mud

Rec. _____ Feet Of _____ %gas _____ %oil _____ %water _____ %mud

Rec. _____ Feet Of _____ %gas _____ %oil _____ %water _____ %mud

Rec. _____ Feet Of _____ %gas _____ %oil _____ %water _____ %mud

BHT _____ °F Gravity 41 °API @ 60 °F Corrected Gravity 41 °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

| | | | | | |
|---|---|---|---|---|---|
| (A) Initial Hydrostatic Mud | 1666 PSI | AK1 Recorder No. | 22150 | Range | 3925 |
| (B) First Initial Flow Pressure | 285 PSI | @ (depth) | 3310 | w/Clock No. | 22992 |
| (C) First Final Flow Pressure | 553 PSI | AK1 Recorder No. | 24174 | Range | 3050 |
| (D) Initial Shut-In Pressure | 1032 PSI | @ (depth) | 3316 | w/Clock No. | 30401 |
| (E) Second Initial Flow Pressure | 632 PSI | AK1 Recorder No. | _____ | Range | _____ |
| (F) Second Final Flow Pressure | 926 PSI | @ (depth) | _____ | w/Clock No. | _____ |
| (G) Final Shut-In Pressure | 1032 PSI | Initial Opening | 15 | Test | 600.00 |
| (H) Final Hydrostatic Mud | 1643 PSI | Initial Shut-In | 30 | Jars | _____ |
| | | Final Flow | 30 | Safety Joint | _____ |
| | | Final Shut-In | 45 | Straddle | _____ |
| | | | | Circ. Sub | [illegible] |
| | | | | Sampler | _____ |
| | | | | Extra Packer | _____ |
| | | | | Other | 1 extra copy |
| | | | | TOTAL PRICE $ | 635.00 |

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 Paul Simpson

Printcraft Printers - Hays, KS