

TRILOBITE TESTING, INC.

# DRILL STEM TEST REPORT

Prepared For: **Pelican Hill Oil & Gas**

1401 N El Camino Real
Ste #207
San Clmente CA 92672

ATTN: AL Gross

ORIGINAL

**8-15S-41W Wallace**

**Okeson #2-8**

Start Date: 2003.09.26 @ 23:35:14
End Date: 2003.09.27 @ 07:33:44
Job Ticket #: 17725 DST #: 1

RECEIVED
KANSAS CORPORATION COMMISSION
FEB 16 2004
CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

ORIGINAL 101800

# DRILL STEM TEST REPORT

Pelican Hill Oil & Gas

1401 N El Camino Real
Ste #207
San Clmente CA 92672
ATTN: AL Gross

**Okeson #2-8**

**8-15S-41W Wallace**

Job Ticket: 17725 **DST#: 1**

Test Start: 2003.09.26 @ 23:35:14

## GENERAL INFORMATION:

Formation: **Morrow**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:43:59
Time Test Ended: 07:33:44

Test Type: Conventional Bottom Hole
Tester: Rod Steinbrink
Unit No: 22

**Interval: 4939.00 ft (KB) To 5009.00 ft (KB) (TVD)**
Total Depth: 5009.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

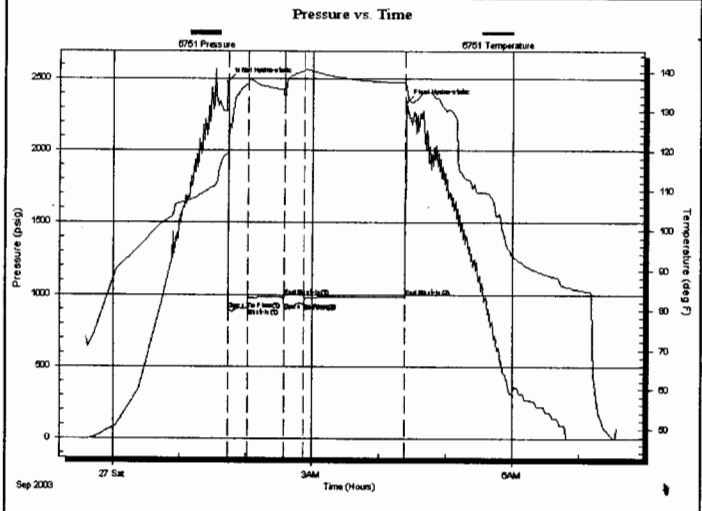
Reference Elevations: 3800.00 ft (KB)
3789.00 ft (CF)
KB to GR/CF: 11.00 ft

**Serial #: 6751** **Inside**
Press@RunDepth: 941.71 psig @ 4940.00 ft (KB)
Start Date: 2003.09.26 End Date: 2003.09.27
Start Time: 23:35:16 End Time: 07:33:44

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2003.09.27 @ 01:42:44
Time Off Btm: 2003.09.27 @ 04:23:44

TEST COMMENT: IF; Strong blow GTS @ 3 mins Gauged 200# on 3/4" =
FF; Strong blow 200# on 3/4" @15 mins Mud Spray @ 20 mins followed w/Oil to Surface

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## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|---|---|---|---|
| 0 | 2476.44 | 119.48 | Initial Hydro-static |
| 2 | 894.77 | 121.26 | Open To Flow (1) |
| 19 | 905.86 | 136.76 | Shut-In(1) |
| 52 | 984.34 | 135.56 | End Shut-In(1) |
| 52 | 885.66 | 132.43 | Open To Flow (2) |
| 69 | 941.71 | 140.25 | Shut-In(2) |
| 160 | 984.88 | 137.26 | End Shut-In(2) |
| 161 | 2333.36 | 136.18 | Final Hydro-static |

## Recovery

| Length (ft) | Description | Volume (bbl) |
|---|---|---|
| 690.00 | CGO 10%gas 90%oil | 4.49 |
| | | |
| | | |
| | | |
| | | |
| | | |

## Gas Rates

| | Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|---|---|---|---|
| First Gas Rate | 0.75 | 200.00 | 3348.90 |

ORIGINAL

TRILOBITE TESTING, INC.

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Pelican Hill Oil & Gas

1401 N El Camino Real
Ste #207
San Clmente CA 92672
ATTN: AL Gross

**Okeson #2-8**

**8-15S-41W Wallace**

Job Ticket: 17725 **DST#: 1**

Test Start: 2003.09.26 @ 23:35:14

## Tool Information

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Drill Pipe: | Length: | 4369.00 ft | Diameter: | 3.80 inches | Volume: | 61.29 bbl | Tool Weight: | 2000.00 lb |
| Heavy Wt. Pipe: | Length: | 0.00 ft | Diameter: | 0.00 inches | Volume: | 0.00 bbl | Weight set on Packer: | 25000.00 lb |
| Drill Collar: | Length: | 570.00 ft | Diameter: | 2.25 inches | Volume: | 2.80 bbl | Weight to Pull Loose: | 95000.00 lb |
| | | | | | Total Volume: | 64.09 bbl | Tool Chased | 0.00 ft |
| Drill Pipe Above KB: | | 27.00 ft | | | | | String Weight: Initial | 95000.00 lb |
| Depth to Top Packer: | | 4939.00 ft | | | | | Final | lb |
| Depth to Bottom Packer: | | ft | | | | | | |
| Interval between Packers: | | 70.00 ft | | | | | | |
| Tool Length: | | 97.00 ft | | | | | | |
| Number of Packers: | | 2 | Diameter: | 6.75 inches | | | | |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths | |
|---|---|---|---|---|---|---|
| Shut In Tool | 5.00 | | | 4917.00 | | |
| Hydraulic tool | 5.00 | | | 4922.00 | | |
| Jars | 5.00 | | | 4927.00 | | |
| Safety Joint | 2.00 | | | 4929.00 | | |
| Packer | 5.00 | | | 4934.00 | 27.00 | Bottom Of Top Packer |
| Packer | 5.00 | | | 4939.00 | | |
| Stubb | 1.00 | | | 4940.00 | | |
| Recorder | 0.00 | 6751 | Inside | 4940.00 | | |
| Perforations | 31.00 | | | 4971.00 | | |
| Change Over Sub | 1.00 | | | 4972.00 | | |
| Anchor | 31.00 | | | 5003.00 | | |
| Change Over Sub | 1.00 | | | 5004.00 | | |
| Recorder | 0.00 | 13309 | Outside | 5004.00 | | |
| Bullnose | 5.00 | | | 5009.00 | 70.00 | Bottom Packers & Anchor |
| **Total Tool Length:** | **97.00** | | | | | |

101800

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# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Pelican Hill Oil & Gas

1401 N El Camino Real
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San Clmente CA 92672
ATTN: AL Gross

**Okeson #2-8**

**8-15S-41W Wallace**

Job Ticket: 17725 **DST#: 1**

Test Start: 2003.09.26 @ 23:35:14

## Mud and Cushion Information

| | | | | | |
|---|---|---|---|---|---|
| Mud Type: | Gel Chem | Cushion Type: | | Oil API: | 36 deg API |
| Mud Weight: | 9.00 lb/gal | Cushion Length: | ft | Water Salinity: | ppm |
| Viscosity: | 60.00 sec/qt | Cushion Volume: | bbl | | |
| Water Loss: | 9.59 in³ | Gas Cushion Type: | | | |
| Resistivity: | ohm.m | Gas Cushion Pressure: | psig | | |
| Salinity: | 5000.00 ppm | | | | |
| Filter Cake: | inches | | | | |

## Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|---|---|---|
| 690.00 | CGO 10%gas 90%oil | 4.486 |

Total Length: 690.00 ft Total Volume: 4.486 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

TRILOBITE TESTING, INC.

# DRILL STEM TEST REPORT

**GAS RATES**

Pelican Hill Oil & Gas

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ATTN: AL Gross

**Okeson #2-8**

**8-15S-41W Wallace**

Job Ticket: 17725 **DST#: 1**

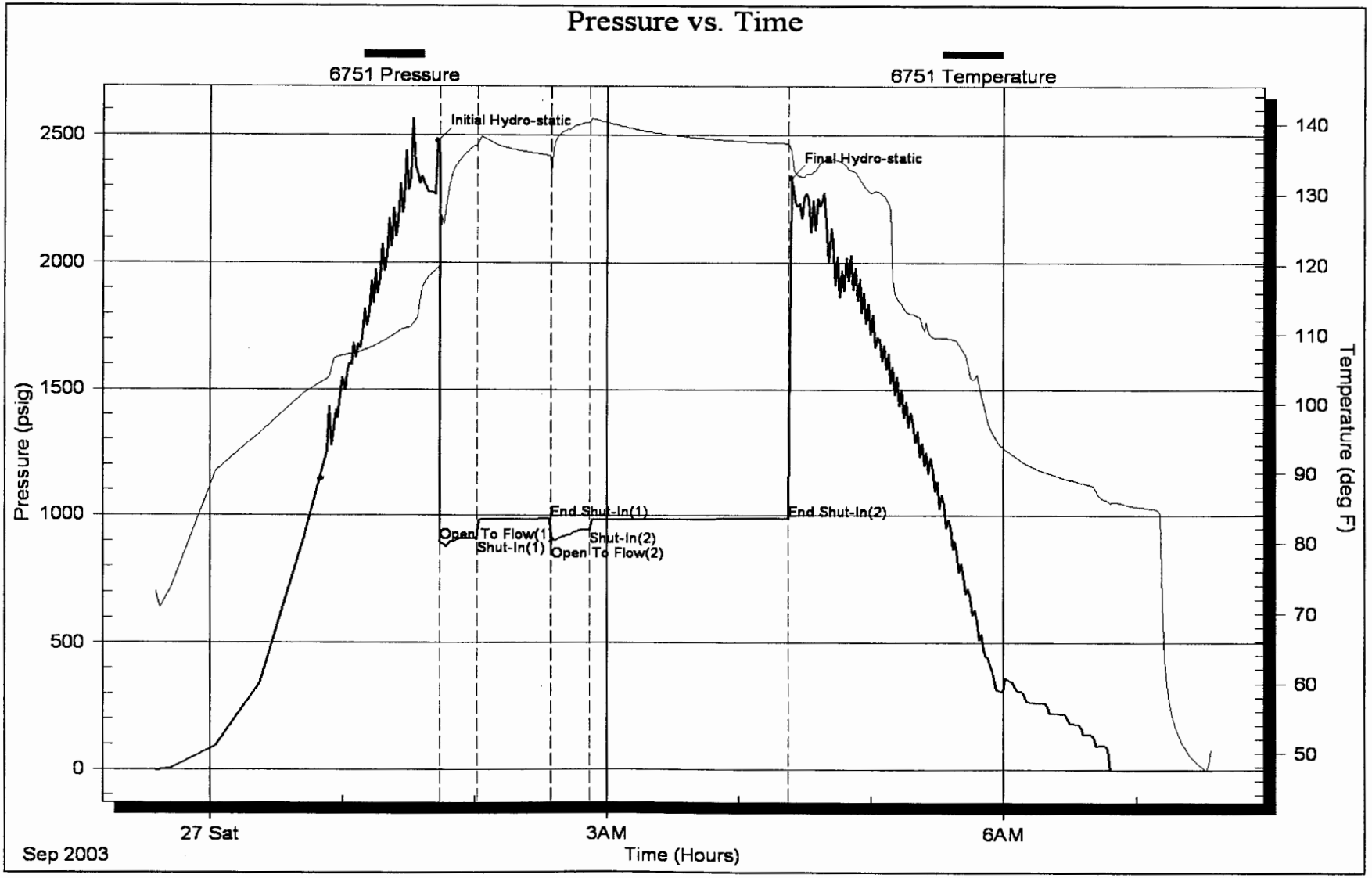
Test Start: 2003.09.26 @ 23:35:14

## Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

| Flow Period | Elapsed Time | Choke (mm) | Pressure (kPaa) | Gas Rate ($m^3/d$) |
|---|---|---|---|---|
| 1 | 15 | 0.75 | 200.00 | 3348.90 |


Pressure vs. Time
6751 Pressure
6751 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Shut-In(2)
Open To Flow(2)
Pressure (psig)
Temperature (deg F)
2500
2000
1500
1000
500
0
140
130
120
110
100
90
80
70
60
50
27 Sat
3AM
6AM
Sep 2003
Time (Hours)



Q08101

# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

INV 5867

№ 17725

12/02

## Test Ticket

Well Name & No. Okeson #2-8 Test No. 1 Date 9-26-03

Company Pelican Hill Oil & Gas Zone Tested Morrow

Address 1401 N El Camino Real Ste #207 San Clemente CA 92672 Elevation 3800 KB 3789 GL

Co. Rep / Geo. Al Gross Cont. Murfin #14 Est. Ft. of Pay _____ Por. _____ %

Location: Sec. 8 Twp. 15S Rge. 41W Co. Wallace State KS.

No. of Copies _____ Disbtribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 4939-5009 Initial Str Wt./Lbs. 95,000 Unseated Str Wt/Lbs. 100,000

Anchor Length 70' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 120,000

Top Packer Depth 4934 Tool Weight 2,000

Bottom Packer Depth 4939 Hole Size 7 7/8" Rubber Size 6 3/4"

Total Depth 5009 Wt. Pipe Run — Drill Collar Run 570'

Mud Wt. 9.1 LCM 8# Vis. 60 WL 9.6 Drill Pipe Size 4½" XH Ft. Run 4369'

Blow Description IF: Strong blow GTS @ 3 mins. Gauged 200# on 3/4" 3.348 mcf.

FF: Strong blow 200# on 3/4" @ 15 mins. Mud spray followed by Oil to Surface @ 20 mins.

Recovery - Total Feet 690' GIP GTS Ft. in DC 570' Ft. in DP 120'

Rec. _____ Feet of _____

Rec. _____ Feet of _____

Rec. 690' Feet of CGO 10% gas 90% oil

Rec. _____ Feet of _____

Rec. _____ Feet of _____

BHT 137° °F Gravity 35 °API D @ 50° °F Corrected Gravity 36 °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 5,000 ppm System

| | AK-1 | Alpine |
|---|---|---|
| (A)Initital Hydrostatic Mud | | 2476 PSI |
| (B) First Initial Flow Pressure | | 894 PSI |
| (C) First Final Flow Pressure | | 905 PSI |
| (D) Initial Shut-In Pressure | | 984 PSI |
| (E) Second Initial Flow Pressure | | 885 PSI |
| (F) Second Final Flow Pressure | | 941 PSI |
| (G) Final Shut-In Pressure | | 984 PSI |
| (Q) Final Hydrostatic Mud | | 2333 PSI |

| | | |
|---|---|---|
| Recorder No. | 6751 | |
| (depth) | 4940 | |
| Recorder No. | 13309 | |
| (depth) | 5004 | |
| Recorder No. | | |
| (depth) | | |
| **Initial Opening** | 15 | |
| Initial Shut-In | 30 | |
| Final Flow | 20 | |
| Final Shut-In | 90 | |
| **T-On Location** | 9-26-03 | 2300 |
| (COT) T-Started | 9-26-03 | 2335 |
| T-Open | 9-27-03 | 0142 |
| T-Pulled | | 0423 |
| T-Out | | 0733 |
| T- Off | | 0830 |

| | |
|---|---|
| Test | 900 |
| Elec. Rec. | X 150 |
| Jars | X 200 |
| Safety Jt. | X 50 |
| Circ Sub | X N/C |
| Sampler | |
| Straddle | |
| Ext. Packer | |
| Shale Packer | |
| Mileage | 1 way 75 75 |
| Sub Total: | 1375 |
| Std. By | |
| Other | |
| Total: | |

TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGEE 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 Rod Steinbrink

# CHART PAGE

**This is a photocopy of the actual AK-1 recorder chart**

