

JAI



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

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

1401 N. Camino Real,
Suite 207
San Clemente, CA

ORIGINAL

ATTN: Pelican Hill Oil & Gas

31-15-41 Wallace KS

O F L #8-31

Start Date: 2003.09.17 @ 07:36:32

End Date: 2003.09.17 @ 16:11:16

Job Ticket #: 17674

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

101876


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TESTING, INC.

DRILL STEM TEST REPORT

Pelican Hill Oil & Gas

O F L #8-31

 1401 N. Camino Real,
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31-15-41 Wallace KS

Job Ticket: 17674

DST#: 1

ATTN: Pelican Hill Oil & Gas Suite 207

Test Start: 2003.09.17 @ 07:36:32

GENERAL INFORMATION:

Formation: **morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:43:01

Time Test Ended: 16:11:16

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 25

Interval: **4947.00 ft (KB) To 5022.00 ft (KB) (TVD)**

Reference Elevations: 3814.00 ft (KB)

Total Depth: 5022.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

3803.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 3017

Inside

Press@RunDepth: 710.25 psig @ 4948.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2003.09.17

End Date:

2003.09.17

Last Calib.: 1899.12.30

Start Time: 07:36:32

End Time:

16:11:16

Time On Btm: 2003.09.17 @ 09:42:46

Time Off Btm: 2003.09.17 @ 12:29:31

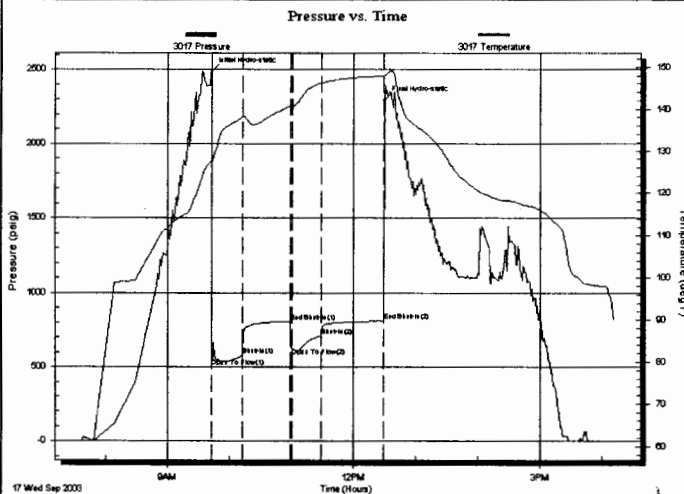
TEST COMMENT: B.O.B. in 2 min G.T.S. in 13 min.

Bleed off throughout

Gauging gas @ open

Bleed off throughout

ORIGINAL



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2490.47	127.47	Initial Hydro-static
1	502.88	127.54	Open To Flow (1)
30	578.73	138.17	Shut-In (1)
77	807.04	140.67	End Shut-In (1)
79	573.86	140.83	Open To Flow (2)
106	710.25	146.20	Shut-In (2)
167	809.48	147.87	End Shut-In (2)
167	2293.94	147.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2234.00	c g o (reversed out)	26.61
246.00	c g o 40%o 60%g	3.45

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	3.00	6.51
Last Gas Rate	0.13	1.00	5.40
Max. Gas Rate	0.13	8.00	7.86

ORIGINAL


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TOOL DIAGRAM

Pelican Hill Oil & Gas

O F L #8-31

 1401 N. Camino Real,
 Suite 207
 San Clemente, CA

31-15-41 Wallace KS

Job Ticket: 17674

DST#: 1

ATTN: Pelican Hill Oil & Gas Suite 207

Test Start: 2003.09.17 @ 07:36:32

Tool Information

Drill Pipe:	Length: 4418.00 ft	Diameter: 3.80 inches	Volume: 61.97 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 519.00 ft	Diameter: 2.25 inches	Volume: 2.55 bbl	Weight to Pull Loose: 125000.0 lb
		Total Volume:	64.52 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 98000.00 lb
Depth to Top Packer:	4947.00 ft			Final 108000.0 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	75.00 ft			
Tool Length:	105.00 ft			
Number of Packers:	2	Diameter:	6.75 inches	

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4918.00	
S.I. Tool	5.00			4923.00	
Sampler	3.00			4926.00	
HMV	5.00			4931.00	
Jars	5.00			4936.00	
Safety Joint	2.00			4938.00	
Packer	5.00			4943.00	30.00 Bottom Of Top Packer
Packer	4.00			4947.00	
Stubb	1.00			4948.00	
Recorder	0.00	3017	Inside	4948.00	
Perforations	5.00			4953.00	
C.O. Sub	1.00			4954.00	
drillpipe	62.00			5016.00	
C.O. Sub	1.00			5017.00	
Recorder	0.00	11058	Outside	5017.00	
Bullnose	5.00			5022.00	75.00 Bottom Packers & Anchor
Total Tool Length:		105.00			


**TRILOBITE
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DRILL STEM TEST REPORT
FLUID SUMMARY

Pelican Hill Oil & Gas

O F L #8-31

 1401 N. Camino Real,
Suite 207

31-15-41 Wallace KS

San Clemente, CA

Job Ticket: 17674

DST#: 1

ATTN: Pelican Hill Oil & Gas Suite 207

Test Start: 2003.09.17 @ 07:36:32

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

4000 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbl

 Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2234.00	c g o (reversed out)	26.609
246.00	c g o 40%o 60%g	3.451

Total Length: 2480.00 ft

Total Volume: 30.060 bbl

Num Fluid Samples: 0

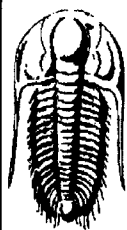
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



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GAS RATES

Pelican Hill Oil & Gas

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31-15-41 Wallace KS

San Clemente, CA

Job Ticket: 17674

DST#: 1

ATTN: Pelican Hill Oil & Gas Suite 207

Test Start: 2003.09.17 @ 07:36:32

Gas Rates Information

Temperature: 89 deg C

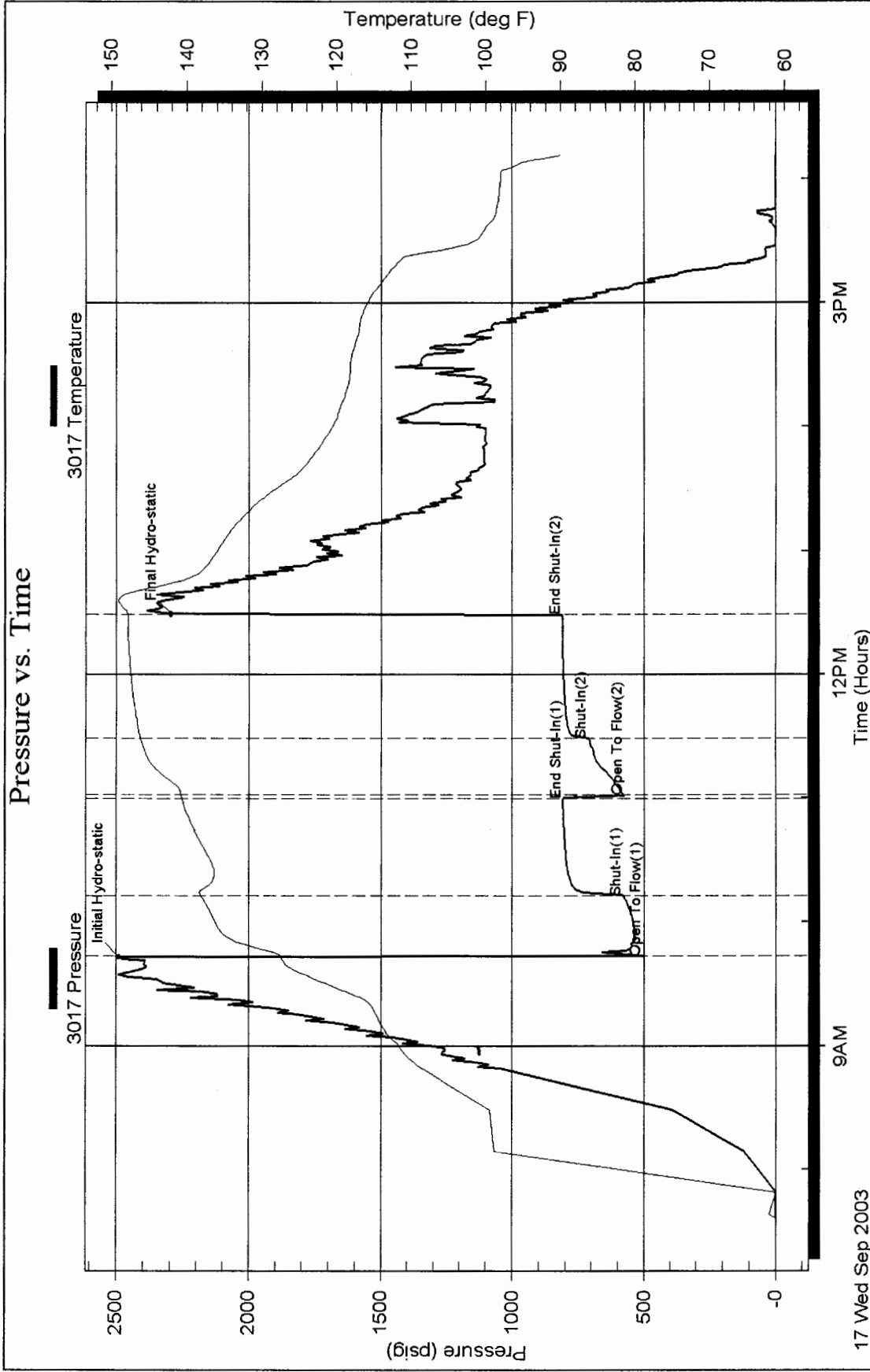
Relative Density: 0.7

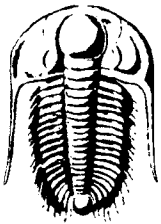
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	15	0.13	3.00	6.51
1	15	0.13	3.00	6.10
1	20	0.13	6.00	7.15
1	25	0.13	7.00	7.50
1	30	0.13	8.00	7.86
2	5	0.13	1.00	5.40
2	10	0.13	3.00	6.10
2	15	0.13	3.00	6.10
2	20	0.13	2.00	5.75
2	30	0.13	1.00	5.40

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 17674

12/02

Test Ticket

Well Name & No. OFL # 8-31 Test No. #1 Date 9-17-03
Company Pelican Hill O.I. & GAS Zone Tested morrow
Address 1401 N. El Camino Real, Suite 207 Elevation 3814' KB 3803' GL
Co. Rep / Geo. Al Gross Cont. Murkin #14 Est. Ft. of Pay _____ Por. _____ %
Location: Sec. 31 Twp. 15 Rge. 41 Co. Wallace State Ks
No. of Copies Thom Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 4947 5022 Initial Str Wt./Lbs. 98,000 Unseated Str Wt./Lbs. 108,000
Anchor Length _____ 75 Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 125,000
Top Packer Depth _____ 4942 Tool Weight 1500
Bottom Packer Depth _____ 4947 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
Total Depth _____ 5022 Wt. Pipe Run _____ Drill Collar Run 519' H-90
Mud Wt. 9.2 LCM #4 Vis. 59 WL 8.8 Drill Pipe Size 4 1/2 XH Ft. Run 4418'
Blow Description B.O.B. in 2 min, G.T.S. in 13 min
Bleed off throughout
Ganging gas @ open
Bleed off throughout
Recovery - Total Feet 2480' GIP G.T.S. Ft. in DC 519' Ft. in DP 1961'
Rec. 246' Feet of C90 40% 0 60% 9
Rec. _____ Feet of _____
Rec. 2234' Feet of C90 (reversed out)
Rec. _____ Feet of _____
Rec. 148° Feet of _____
BHT 148° °F Gravity 41 °API D @ 90° °F Corrected Gravity 38 °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 1,000 ppm System

AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2500</u> PSI	<u>3017</u>	<u>Y</u> <u>\$1900.00</u>
(B) First Initial Flow Pressure	<u>502</u> PSI	(depth) <u>4948'</u>	Elec. Rec. <u>Y</u> <u>150.00</u>
(C) First Final Flow Pressure	<u>578</u> PSI	Recorder No. <u>11058</u>	Jars <u>X</u> <u>200.00</u>
(D) Initial Shut-In Pressure	<u>807</u> PSI	(depth) <u>5017'</u>	Safety Jt. <u>X</u> <u>50.00</u>
(E) Second Initial Flow Pressure	<u>573</u> PSI	Recorder No. _____	Circ Sub <u>X</u> <u>\$36.00</u>
(F) Second Final Flow Pressure	<u>710</u> PSI	(depth) _____	Sampler _____
(G) Final Shut-In Pressure	<u>809</u> PSI	Initial Opening <u>30</u>	Straddle _____
(Q) Final Hydrostatic Mud	<u>2400</u> PSI	Initial Shut-In <u>45</u>	Ext. Packer _____
		Final Flow <u>30</u>	Shale Packer _____
		Final Shut-In <u>600</u>	Mileage <u>Y</u> <u>75</u> <u>1 way</u> <u>\$75.00</u>
		T-On Location <u>06:50 A.M.</u>	Sub Total: <u>\$1410.00</u>
		T-Started <u>07:35 A.M.</u>	Std. By _____
		T-Open <u>09:40 A.M.</u>	Other _____
		T-Pulled <u>12:25 P.M.</u>	Total: <u>\$1410.00</u>
		T-Out <u>16:30 P.M.</u>	

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Approved By _____
Our Representative [Signature]



GAS VOLUME REPORT

OFL #8-31

#

OPERATOR

WELL NAME AND NO.

DST NO.

5

2nd

Remarks:

Gas to Surface in 13 min.

Burnt Bright Orange

1 Sample sent to Caraway, Liberal, KS

CHART PAGE

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

