

15-195-22705

8-11s-21w

APP # 15.195.22705.00.00

Pelican Hill Oil and Gas

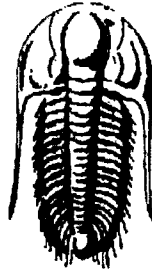
Nelson 1-8

8/11S/21W-Trego,KS

DST # 1

Cong/Arbuckle

2011.04.16



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

1401 N. El Camino Real
Ste. 207
San Clemente, CA 92672

ATTN: Chris Bean

8/11S/21W-Trego,KS

Nelson 1-8

Start Date: 2011.04.16 @ 21:51:48

End Date: 2011.04.17 @ 04:07:18

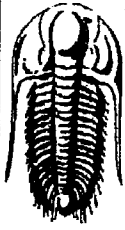
Job Ticket #: 42794 DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Pelican Hill Oil and Gas
1401 N. El Camino Real
Ste. 207
San Clemente, CA 92672
ATTN: Chris Bean

Nelson 1-8

8/11S/21W-Trego,KS

Job Ticket: 42794

DST#: 1

Test Start: 2011.04.16 @ 21:51:48

GENERAL INFORMATION:

Formation: Cong/Arbuckle
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:23:18
Time Test Ended: 04:07:18

Test Type: Conventional Bottom Hole
Tester: Dustin Rash
Unit No: 54

Interval: 3743.00 ft (KB) To 3799.00 ft (KB) (TVD)
Total Depth: 3799.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2146.00 ft (KB)
2138.00 ft (CF)
KB to GR/CF: 8.00 ft

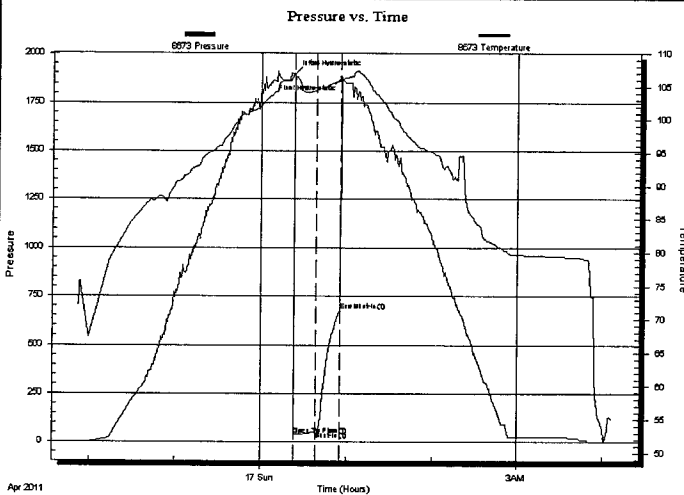
Serial #: 8673

Inside

Press@RunDepth: 54.31 psig @ 3781.00 ft (KB)
Start Date: 2011.04.16 End Date: 2011.04.17
Start Time: 21:51:50 End Time: 04:07:18

Capacity: 8000.00 psig
Last Calib.: 2011.04.17
Time On Btm: 2011.04.17 @ 00:23:03
Time Off Btm: 2011.04.17 @ 00:55:48

TEST COMMENT: IF-No Blow.
ISI-No blow. Pulled tool.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1895.01	106.79	Initial Hydro-static
1	38.09	105.74	Open To Flow (1)
16	54.31	104.42	Shut-In(1)
32	674.47	105.90	End Shut-In(1)
33	1880.02	106.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	N/A	0.00

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pelican Hill Oil and Gas

Nelson 1-8

1401 N. El Camino Real
Ste. 207
San Clemente, CA 92672
ATTN: Chris Bean

8/11S/21W-Trego,KS

Job Ticket: 42794 DST#: 1

Test Start: 2011.04.16 @ 21:51:48

Tool Information

Drill Pipe:	Length: 3751.00 ft	Diameter: 3.80 inches	Volume: 52.62 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 2000.00 lb
			<u>Total Volume: 52.62 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3743.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	56.00 ft			
Tool Length:	78.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3722.00	
Shut In Tool	5.00			3727.00	
Hydraulic tool	5.00			3732.00	
Safety Joint	2.00			3734.00	
Packer	5.00			3739.00	22.00 Bottom Of Top Packer
Packer	4.00			3743.00	
Stubb	1.00			3744.00	
Perforations	4.00			3748.00	
Change Over Sub	1.00			3749.00	
Drill Pipe	31.00			3780.00	
Change Over Sub	1.00			3781.00	
Recorder	0.00	8673	Inside	3781.00	
Recorder	0.00	6755	Outside	3781.00	
Perforations	15.00			3796.00	
Bullnose	3.00			3799.00	56.00 Bottom Packers & Anchor

Total Tool Length: 78.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pelican Hill Oil and Gas

Nelson 1-8

1401 N. El Camino Real
Ste. 207
San Clemente, CA 92672
ATTN: Chris Bean

8/11S/21W-Trego,KS

Job Ticket: 42794

DST#: 1

Test Start: 2011.04.16 @ 21:51:48

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	N/A	0.000

Total Length:

ft

Total Volume:

bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

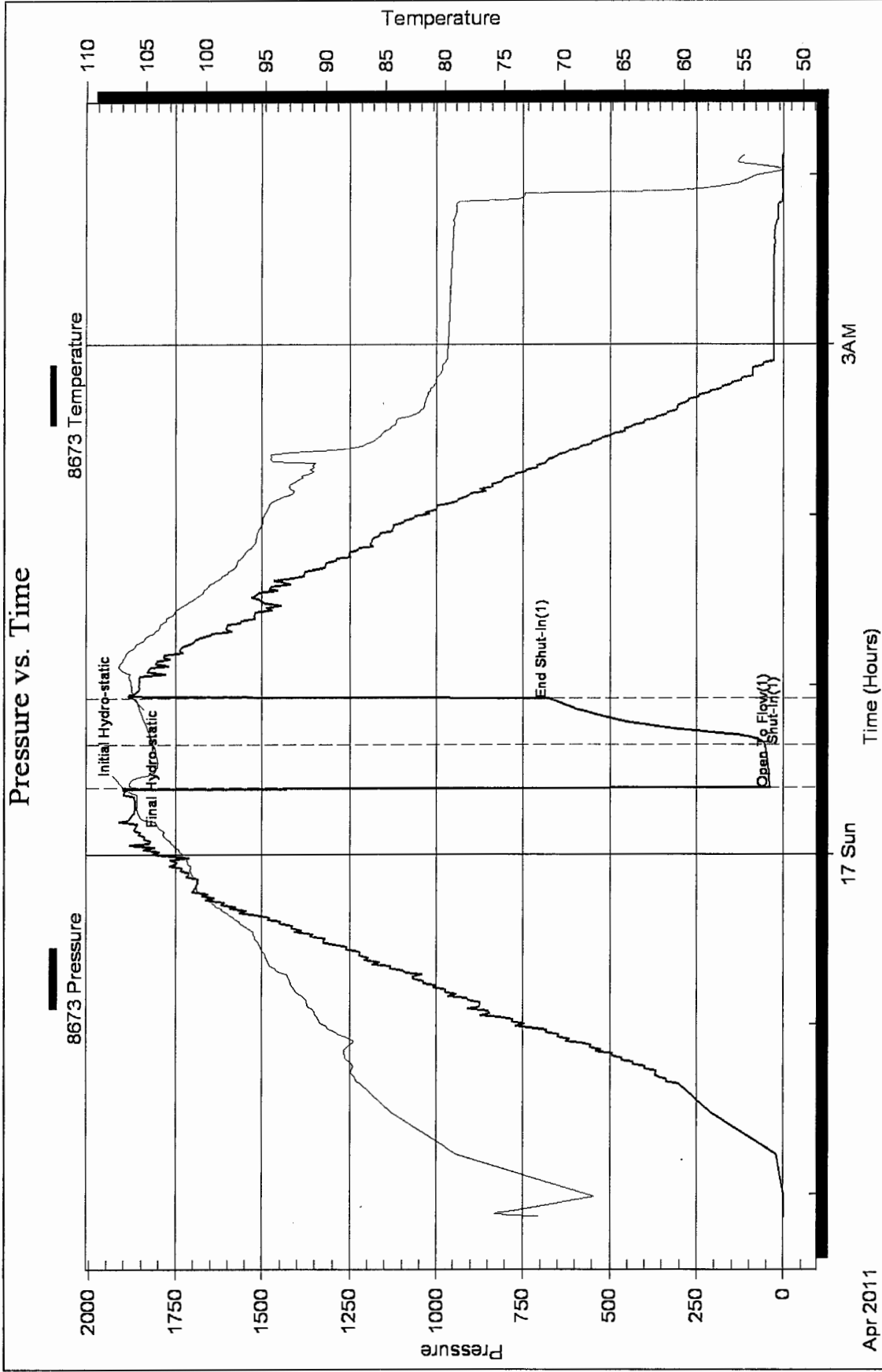
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

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

1401 N. El Camino Real
Ste. 207
San Clemente, CA 92672

ATTN: Chris Bean

8/11S/21W-Trego,KS

Nelson 1-8

Start Date: 2011.04.17 @ 06:32:15

End Date: 2011.04.17 @ 14:58:00

Job Ticket #: 42795 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Pelican Hill Oil and Gas

Nelson 1-8

8/11S/21W-Trego,KS

DST # 2

Cong/Arbuckle

2011.04.17



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Pelican Hill Oil and Gas
1401 N. El Camino Real
Ste. 207
San Clemente, CA 92672
ATTN: Chris Bean

Nelson 1-8

8/11S/21W-Trego,KS

Job Ticket: 42795 **DST#: 2**

Test Start: 2011.04.17 @ 06:32:15

GENERAL INFORMATION:

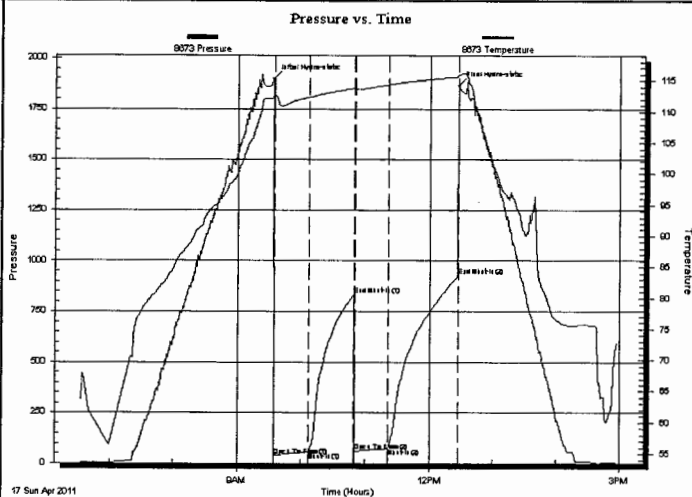
Formation: **Cong/Arbuckle**
 Deviated: **No Whipstock:** ft (KB)
 Time Tool Opened: 09:34:45
 Time Test Ended: 14:58:00
 Interval: **3743.00 ft (KB) To 3799.00 ft (KB) (TVD)**
 Total Depth: **3799.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Poor**
 Test Type: **Conventional Bottom Hole**
 Tester: **Dustin Rash-Jason Mc**
 Unit No: **54**
 Reference Elevations: **2146.00 ft (KB)**
2138.00 ft (CF)
 KB to GR/CF: **8.00 ft**

Serial #: 8673

Inside

Press@RunDepth: **73.77 psig @ 3781.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2011.04.17** End Date: **2011.04.17** Last Calib.: **2011.04.17**
 Start Time: **06:32:17** End Time: **14:58:00** Time On Btm: **2011.04.17 @ 09:34:00**
 Time Off Btm: **2011.04.17 @ 12:27:30**

TEST COMMENT: **IFP-Weak Building Blow ,Built to 6"**
ISI-Dead
FFP-Weak Building Blow ,Built to 6"
FSI-Dead



PRESSURE SUMMARY

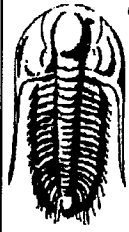
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1899.22	112.78	Initial Hydro-static
1	37.50	111.78	Open To Flow (1)
34	57.68	112.36	Shut-In(1)
76	832.94	113.82	End Shut-In(1)
76	59.54	113.56	Open To Flow (2)
108	73.77	114.36	Shut-In(2)
173	925.12	115.63	End Shut-In(2)
174	1865.96	115.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Oil Cut Mud-20%O-80%M	0.42
60.00	Free Oil	0.84

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pelican Hill Oil and Gas

Nelson 1-8

1401 N. El Camino Real
Ste. 207
San Clemente, CA 92672
ATTN: Chris Bean

8/11S/21W-Trego,KS

Job Ticket: 42795

DST#: 2

Test Start: 2011.04.17 @ 06:32:15

Tool Information

Drill Pipe:	Length: 3751.00 ft	Diameter: 3.80 inches	Volume: 52.62 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 54000.00 lb
			<u>Total Volume: 52.62 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3743.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	56.00 ft			
Tool Length:	78.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3722.00	
Shut In Tool	5.00			3727.00	
Hydraulic tool	5.00			3732.00	
Safety Joint	2.00			3734.00	
Packer	5.00			3739.00	22.00 Bottom Of Top Packer
Packer	4.00			3743.00	
Stubb	1.00			3744.00	
Perforations	4.00			3748.00	
Change Over Sub	1.00			3749.00	
Drill Pipe	31.00			3780.00	
Change Over Sub	1.00			3781.00	
Recorder	0.00	8673	Inside	3781.00	
Recorder	0.00	6755	Outside	3781.00	
Perforations	15.00			3796.00	
Bullnose	3.00			3799.00	56.00 Bottom Packers & Anchor

Total Tool Length: 78.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pelican Hill Oil and Gas

Nelson 1-8

1401 N. El Camino Real
Ste. 207
San Clemente, CA 92672
ATTN: Chris Bean

8/11S/21W-Trego,KS

Job Ticket: 42795

DST#: 2

Test Start: 2011.04.17 @ 06:32:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

31 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
30.00	Oil Cut Mud-20%O-80%M	0.421
60.00	Free Oil	0.842

Total Length: 90.00 ft

Total Volume: 1.263 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

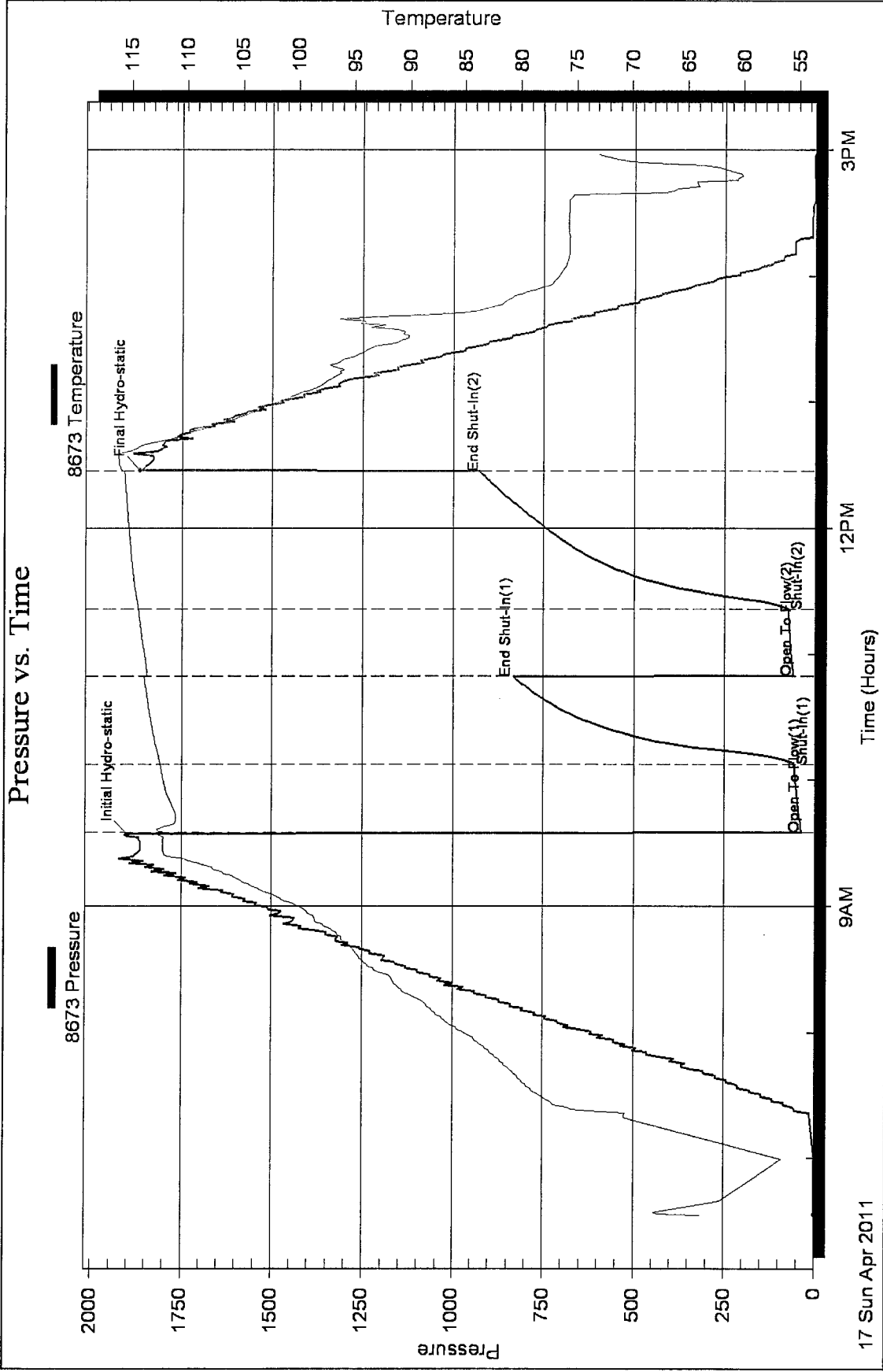
Serial #:

Laboratory Name:

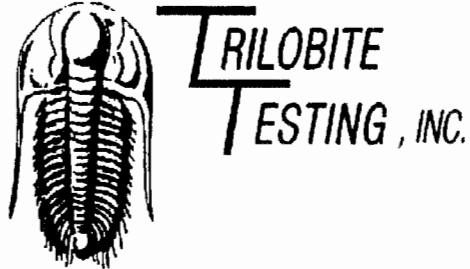
Laboratory Location:

Recovery Comments:

Pressure vs. Time



17 Sun Apr 2011



DRILL STEM TEST REPORT

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

1401 N. El Camino Real
Ste. 207
San Clemente, CA 92672

ATTN: Chris Bean

8/11S/21W-Trego,KS

Nelson 1-8

Start Date: 2011.04.17 @ 22:40:59

End Date: 2011.04.18 @ 10:52:59

Job Ticket #: 42847 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Pelican Hill Oil and Gas

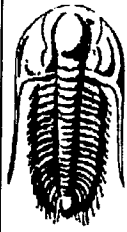
Nelson 1-8

8/11S/21W-Trego,KS

DST # 3

Arbuckle

2011.04.17



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Pelican Hill Oil and Gas

Nelson 1-8

1401 N. El Camino Real
Ste. 207
San Clemente, CA 92672
ATTN: Chris Bean

8/11S/21W-Trego,KS

Job Ticket: 42847

DST#: 3

Test Start: 2011.04.17 @ 22:40:59

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: **No Whipstock:** ft (KB)
Time Tool Opened: 05:12:59
Time Test Ended: 10:52:59

Test Type: **Conventional Bottom Hole**
Tester: **Jason McLemore**
Unit No: **54**

Interval: **3799.00 ft (KB) To 3815.00 ft (KB) (TVD)**
Total Depth: **3815.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2146.00 ft (KB)**
2138.00 ft (CF)
KB to GR/CF: **8.00 ft**

Serial #: 8673

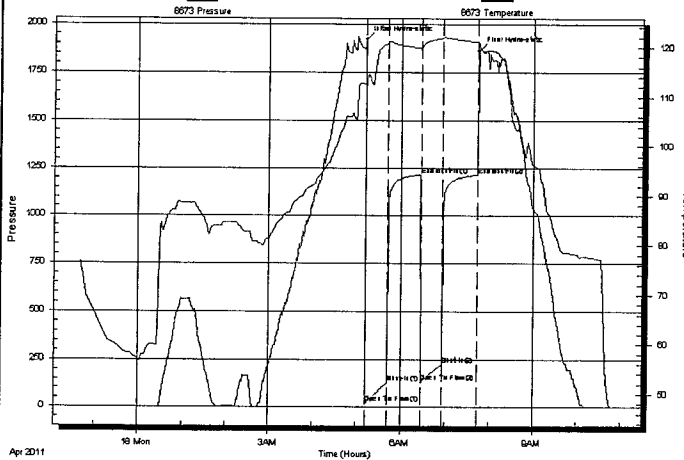
Inside

Press@RunDepth: **225.22 psig @ 3804.00 ft (KB)**
Start Date: **2011.04.17** End Date: **2011.04.18**
Start Time: **22:41:01** End Time: **10:52:59**

Capacity: **8000.00 psig**
Last Calib.: **2011.04.18**
Time On Btm: **2011.04.18 @ 05:12:44**
Time Off Btm: **2011.04.18 @ 07:44:59**

TEST COMMENT: IFP-Good Blow ,BOB in 13 Min.
IS-Dead
FFP-Good Blow ,BOB in 14 Min.
FSI-Dead

Pressure vs. Time



PRESSURE SUMMARY

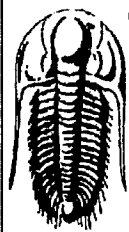
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1923.27	112.49	Initial Hydro-static
1	23.74	111.11	Open To Flow (1)
30	128.63	120.85	Shut-In(1)
75	1215.31	119.92	End Shut-In(1)
75	133.66	119.17	Open To Flow (2)
104	225.22	121.92	Shut-In(2)
152	1213.57	121.10	End Shut-In(2)
153	1866.36	120.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	SOCMW-5%O-65%W-30%M	0.07
445.00	Muddy Water-90%W-10%M	6.24

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pelican Hill Oil and Gas
1401 N. El Camino Real
Ste. 207
San Clemente, CA 92672
ATTN: Chris Bean

Nelson 1-8
8/11S/21W-Trego,KS
Job Ticket: 42847 **DST#: 3**
Test Start: 2011.04.17 @ 22:40:59

Tool Information

Drill Pipe:	Length: 3810.00 ft	Diameter: 3.80 inches	Volume: 53.44 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 54000.00 lb
			<u>Total Volume: 53.44 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	34.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3799.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	16.00 ft			
Tool Length:	39.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3777.00	
Shut In Tool	5.00			3782.00	
Hydraulic tool	5.00			3787.00	
Safety Joint	2.00			3789.00	
Packer	5.00			3794.00	23.00 Bottom Of Top Packer
Packer	5.00			3799.00	
Stubb	1.00			3800.00	
Perforations	4.00			3804.00	
Recorder	0.00	8673	Inside	3804.00	
Recorder	0.00	6755	Outside	3804.00	
Perforations	8.00			3812.00	
Bullnose	3.00			3815.00	16.00 Bottom Packers & Anchor

Total Tool Length: 39.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pelican Hill Oil and Gas
1401 N. El Camino Real
Ste. 207
San Clemente, CA 92672
ATTN: Chris Bean

Nelson 1-8
8/11S/21W-Trego,KS
Job Ticket: 42847 DST#: 3
Test Start: 2011.04.17 @ 22:40:59

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	38000 ppm
Viscosity: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3900.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	SOCMW-5%O-65%W-30%M	0.070
445.00	Muddy Water-90%W-10%M	6.242

Total Length: 450.00 ft Total Volume: 6.312 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time

