

15-195-22737

16-11s-21w



DRILL STEM TEST REPORT

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

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

ATTN: Chris Bean

Nelson Ranch #4-16

16-11s-21w-Trego,KS

Start Date: 2011.11.01 @ 20:21:03

End Date: 2011.11.02 @ 04:28:33

Job Ticket #: 44683

DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

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Printed: 2011.11.11 @ 09:30:24

Pelican Hill Oil & Gas Inc.

16-11s-21w-Trego,KS

Nelson Ranch #4-16

DST # 1

Arbuckle

2011.11.01



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Pelican Hill Oil & Gas Inc.

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

16-11s-21w-Trego,KS

Nelson Ranch #4-16

Job Ticket: 44683

DST#: 1

Test Start: 2011.11.01 @ 20:21:03

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:19:33

Time Test Ended: 04:28:33

Test Type: Conventional Bottom Hole (Initial)

Tester: Jason McLemore

Unit No: 54

Interval: **3842.00 ft (KB) To 3864.00 ft (KB) (TVD)**

Total Depth: 3864.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2239.00 ft (KB)

2231.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8673 Inside

Press@RunDepth: 62.10 psig @ 3846.00 ft (KB)

Start Date: 2011.11.01

End Date:

2011.11.02

Start Time: 20:21:05

End Time:

04:28:33

Capacity: 8000.00 psig

Last Calib.: 2011.11.02

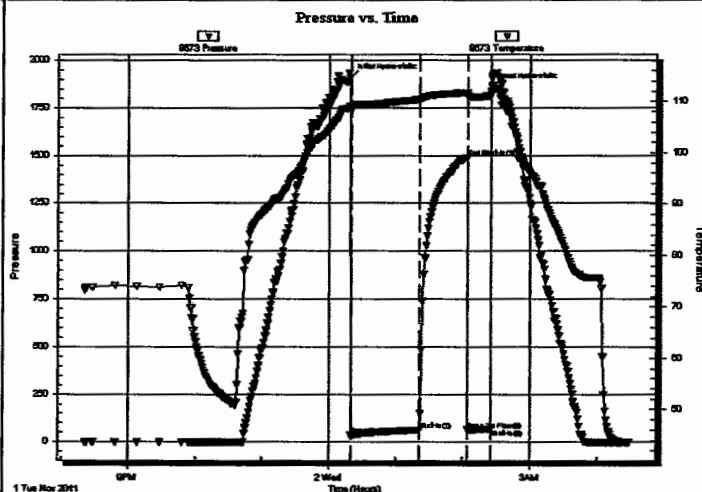
Time On Btm: 2011.11.02 @ 00:19:03

Time Off Btm: 2011.11.02 @ 02:25:18

TEST COMMENT: IFP-Fair Blow,Built to 9-1/2"

ISI-Dead

FFP-Weak Surface Blow After 10 Min., Pull Tool After 15 Min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1911.80	109.16	Initial Hydro-static
1	35.47	108.32	Open To Flow (1)
62	62.10	110.43	Shut-In(1)
105	1489.02	111.80	End Shut-In(1)
106	64.82	110.96	Open To Flow (2)
126	67.07	111.17	Shut-In(2)
127	1860.30	114.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
110.00	Watery Mud-5%w-95%M-W/Oil Spots	1.54

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pelican Hill Oil & Gas Inc.

16-11s-21w-Trego,KS

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

Nelson Ranch #4-16

Job Ticket: 44683

DST#: 1

Test Start: 2011.11.01 @ 20:21:03

Tool Information

Drill Pipe:	Length: 3839.00 ft	Diameter: 3.80 inches	Volume: 53.85 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: 50000.00 lb
		Total Volume: 53.85 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	3842.00 ft			Final 4900.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	22.00 ft			
Tool Length:	45.00 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			3820.00	
Shut In Tool	5.00			3825.00	
Hydraulic tool	5.00			3830.00	
Safety Joint	2.00			3832.00	
Packer	5.00			3837.00	23.00 Bottom Of Top Packer
Packer	5.00			3842.00	
Stubb	1.00			3843.00	
Perforations	3.00			3846.00	
Recorder	0.00	8673	Inside	3846.00	
Recorder	0.00	8736	Outside	3846.00	
Perforations	15.00			3861.00	
Bullnose	3.00			3864.00	22.00 Bottom Packers & Anchor

Total Tool Length: 45.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Pelican Hill Oil & Gas Inc.

16-11s-21w-Trego,KS

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

Nelson Ranch #4-16

Job Ticket: 44683

DST#: 1

Test Start: 2011.11.01 @ 20:21:03

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

17000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 5.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
110.00	Watery Mud-5%w -95%M-W/Oil Spots	1.543

Total Length: 110.00 ft

Total Volume: 1.543 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

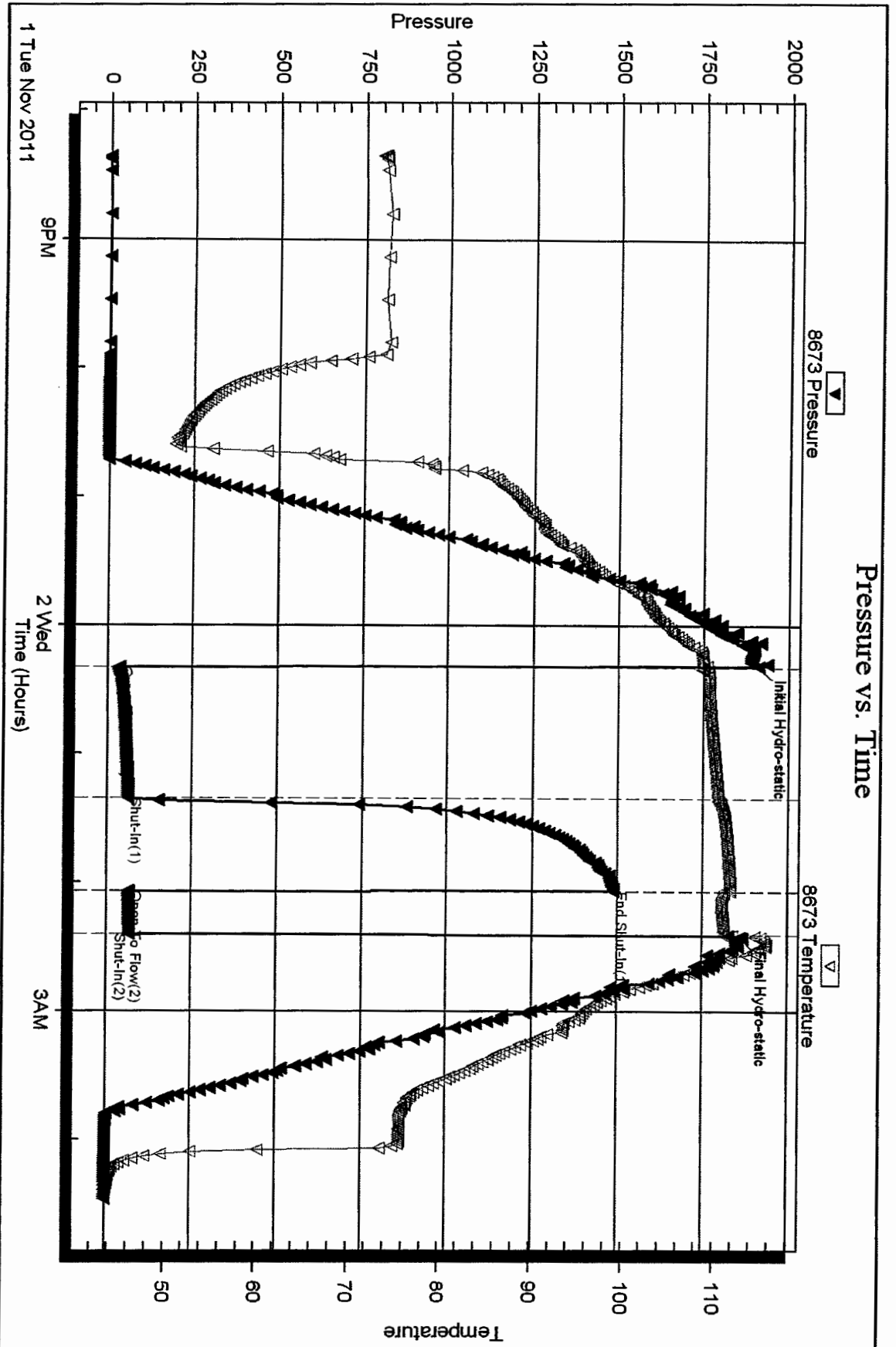
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Bibliography



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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

1401 N. El Camino Real
Suite 207
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ATTN: Chris Bean

Nelson Ranch #4-16

16-11s-21w-Trego,KS

Start Date: 2011.11.02 @ 19:11:05

End Date: 2011.11.03 @ 02:21:29

Job Ticket #: 44662 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2011.11.11 @ 09:30:41

Pelican Hill Oil & Gas Inc.

16-11s-21w-Trego,KS

Nelson Ranch #4-16

DST # 2

Arbuckle

2011.11.02



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Pelican Hill Oil & Gas Inc.

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

16-11s-21w-Trego,KS

Nelson Ranch #4-16

Job Ticket: 44662

DST#: 2

Test Start: 2011.11.02 @ 19:11:05

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended: 02:21:29

Test Type: Conventional Bottom Hole (Reset)

Tester: Cody Bloedorn

Unit No: 47

Interval: **3860.00 ft (KB) To 3882.00 ft (KB) (TVD)**

Total Depth: 3882.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2239.00 ft (KB)

2231.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6753 Inside

Press@RunDepth: psig @ 3861.00 ft (KB)

Start Date: 2011.11.02

End Date: 2011.11.03

Start Time: 19:11:05

End Time: 02:21:29

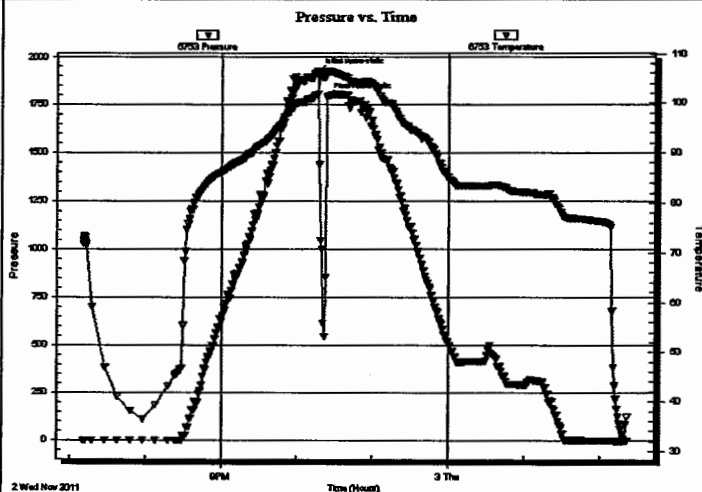
Capacity: 8000.00 psig

Last Calib.: 2011.11.03

Time On Btm: 2011.11.02 @ 22:16:30

Time Off Btm: 2011.11.02 @ 22:23:30

TEST COMMENT: 05 - IF- B.O.B. in 1 Min
15 - IS- No blow back, pulled tool.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1921.83	101.79	Initial Hydro-static
7	1792.51	106.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1147.00	WM 5%W 95%M	16.09

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pelican Hill Oil & Gas Inc.

16-11s-21w-Trego, KS

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

Nelson Ranch #4-16

Job Ticket: 44662

DST#: 2

Test Start: 2011.11.02 @ 19:11:05

Tool Information

Drill Pipe:	Length: 3843.00 ft	Diameter: 3.80 inches	Volume: 53.91 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: 60000.00 lb
		Total Volume: 53.91 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3860.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	22.00 ft			
Tool Length:	46.00 ft			
Number of Packers:	2	Diameter: 6.25 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3837.00	
Shut In Tool	5.00			3842.00	
Hydraulic tool	5.00			3847.00	
Safety Joint	3.00			3850.00	
Packer	5.00			3855.00	24.00 Bottom Of Top Packer
Packer	5.00			3860.00	
Stubb	1.00			3861.00	
Recorder	0.00	6753	Inside	3861.00	
Recorder	0.00	8369	Outside	3861.00	
Perforations	18.00			3879.00	
Bullnose	3.00			3882.00	22.00 Bottom Packers & Anchor

Total Tool Length: 46.00



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ATTN: Chris Bean

Nelson Ranch #4-16

Job Ticket: 44662

DST#: 2

Test Start: 2011.11.02 @ 19:11:05

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 53.00 sec/qt

Water Loss: 6.39 in³

Resistivity: ohm.m

Salinity: 2900.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API

ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1147.00	WM 5%W 95%M	16.089

Total Length: 1147.00 ft

Total Volume: 16.089 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

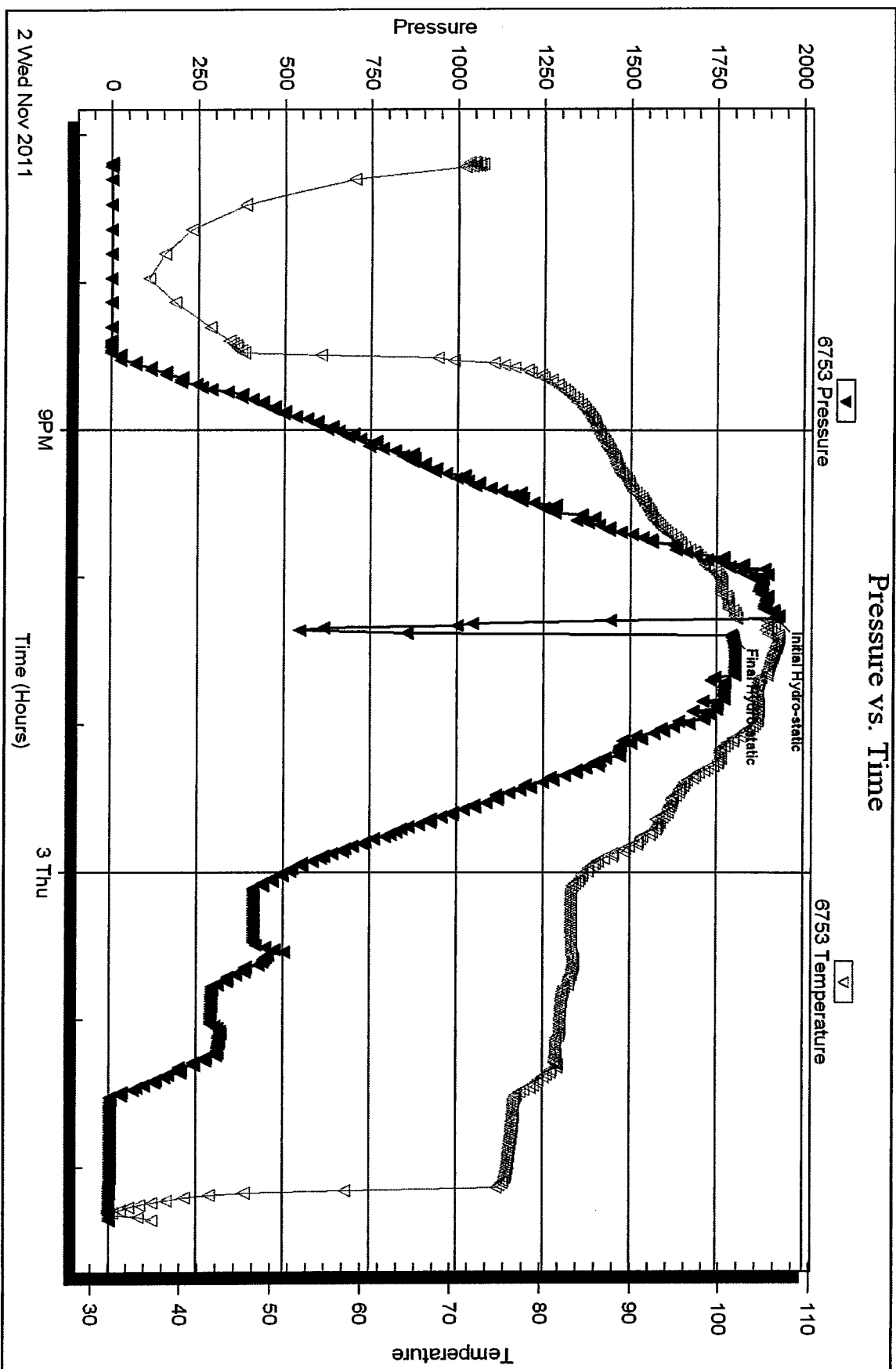
Serial #: 6753

Inside

Pelican Hill Oil & Gas Inc.

Nelson Ranch #4-16

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 44662

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