

15-195-22716

4-11s-2/w

API # 15.195.22716.00.00
Pelican Hill Oil & Gas
Parks #1-4
4-11-21 Trego,KS
DST # 1
LKC "A"
2011.08.15



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

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

ATTN: Chris Bean

4-11-21 Trego,KS

Parks #1-4

Start Date: 2011.08.15 @ 11:17:47

End Date: 2011.08.15 @ 20:15:47

Job Ticket #: 43340 DST #: 1

**RECEIVED
DEC 19 2011
KCC WICHITA**

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Pelican Hill Oil & Gas

Parks #1-4

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

4-11-21 Trego, KS

Job Ticket: 43340

DST#: 1

Test Start: 2011.08.15 @ 11:17:47

GENERAL INFORMATION:

Formation: **LKC "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:55:47

Time Test Ended: 20:15:47

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 55

Interval: **3412.00 ft (KB) To 3438.00 ft (KB) (TVD)**

Total Depth: 3438.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2145.00 ft (KB)

2135.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6771

Inside

Press@RunDepth: 75.14 psig @ 3418.00 ft (KB)

Start Date: 2011.08.15

End Date:

2011.08.15

Capacity: 8000.00 psig

Last Calib.: 2011.08.15

Start Time: 11:18:02

End Time:

20:15:47

Time On Btrnt 2011.08.15 @ 13:55:17

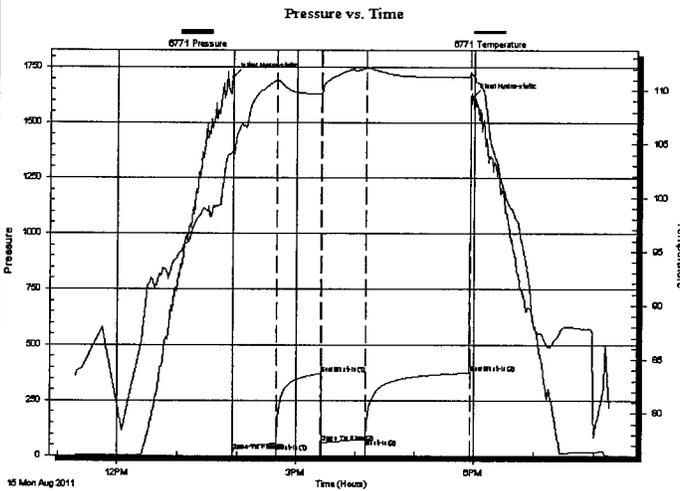
Time Off Btrnt 2011.08.15 @ 17:57:17

TEST COMMENT: IFP - weak to fair blow sur - 3"

ISI - no blow back

FFP - weak blow throughout sur - 1/4"

FSI - no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1706.70	104.36	Initial Hydro-static
1	20.87	103.97	Open To Flow (1)
45	55.92	110.95	Shut-In(1)
90	371.07	109.62	End Shut-In(1)
91	60.47	109.56	Open To Flow (2)
135	75.14	112.05	Shut-In(2)
240	374.85	111.29	End Shut-In(2)
242	1616.42	111.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	mud 100%	0.01
155.00	MW 85%W, 15%M	1.65
1.00	FREE OIL TSTM	0.01

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pelican Hill Oil & Gas

Parks #1-4

1401 NE Camino Real
Ste. 207
San Clemente, Ca 92672
ATTN: Chris Bean

4-11-21 Trego,KS

Job Ticket: 43340

DST#: 1

Test Start: 2011.08.15 @ 11:17:47

Tool Information

Drill Pipe:	Length: 3338.00 ft	Diameter: 3.80 inches	Volume: 46.82 bbl	Tool Weight: 2500.00 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: 60.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose: 60000.00 lb
			Total Volume: 47.12 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3412.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	26.00 ft			
Tool Length:	49.00 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			3390.00	
Shut In Tool	5.00			3395.00	
Hydraulic tool	5.00			3400.00	
Safety Joint	2.00			3402.00	
Packer	5.00			3407.00	23.00 Bottom Of Top Packer
Packer	5.00			3412.00	
Stubb	1.00			3413.00	
Perforations	5.00			3418.00	
Recorder	0.00	6771	Inside	3418.00	
Recorder	0.00	6667	Outside	3418.00	
Perforations	15.00			3433.00	
Bullnose	5.00			3438.00	26.00 Bottom Packers & Anchor

Total Tool Length: 49.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pelican Hill Oil & Gas

Parks #1-4

1401 N El Carrino Real
Ste. 207
San Clemente, Ca 92672
ATTN: Chris Bean

4-11-21 Trego, KS

Job Ticket: 43340

DST#: 1

Test Start: 2011.08.15 @ 11:17:47

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:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	mud 100%	0.015
155.00	MMV 85%W, 15%M	1.655
1.00	FREE OIL TSTM	0.014

Total Length: 159.00 ft Total Volume: 1.684 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6771

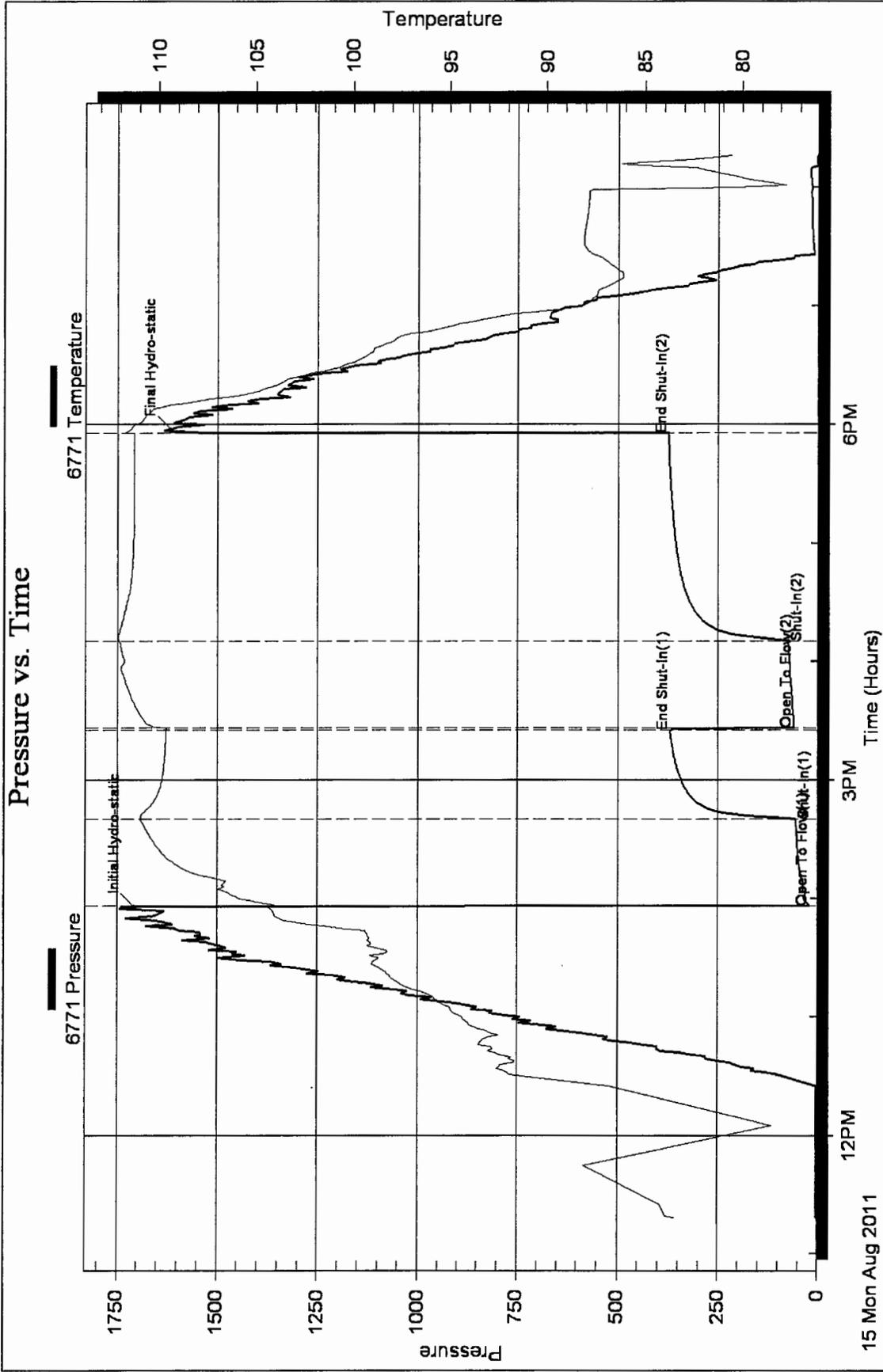
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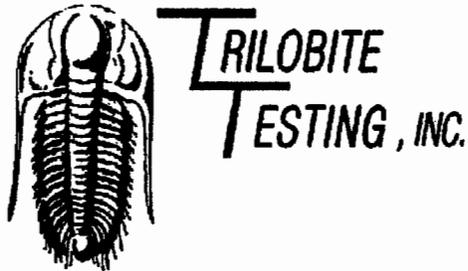
Pelican Hill Oil & Gas

4-11-21 Trego, KS

DST Test Number: 1

Pressure vs. Time





DRILL STEM TEST REPORT

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

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

ATTN: Chris Bean

4-11-21 Trego,KS

Parks #1-4

Start Date: 2011.08.16 @ 06:10:54

End Date: 2011.08.16 @ 12:26:39

Job Ticket #: 43341 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Pelican Hill Oil & Gas

Parks #1-4

4-11-21 Trego,KS

DST # 2

LKC "B-C"

2011.08.16



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Pelican Hill Oil & Gas
1401 N El Carrino Real
Ste. 207
San Clemente, Ca 92672
ATTN: Chris Bean

Parks #1-4

4-11-21 Trego, KS

Job Ticket: 43341

DST#: 2

Test Start: 2011.08.16 @ 06:10:54

GENERAL INFORMATION:

Formation: **LKC "B-C"**

Deviated: **No Whipstock** ft (KB)

Time Tool Opened: 08:16:24

Time Test Ended: 12:26:39

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 55

Interval: **3442.00 ft (KB) To 3475.00 ft (KB) (TVD)**

Total Depth: 3475.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2145.00 ft (KB)

2135.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6771

Inside

Press@RunDepth: 130.64 psig @ 3445.00 ft (KB)

Start Date: 2011.08.16

End Date:

2011.08.16

Capacity: 8000.00 psig

Last Calib.: 2011.08.16

Start Time: 06:11:09

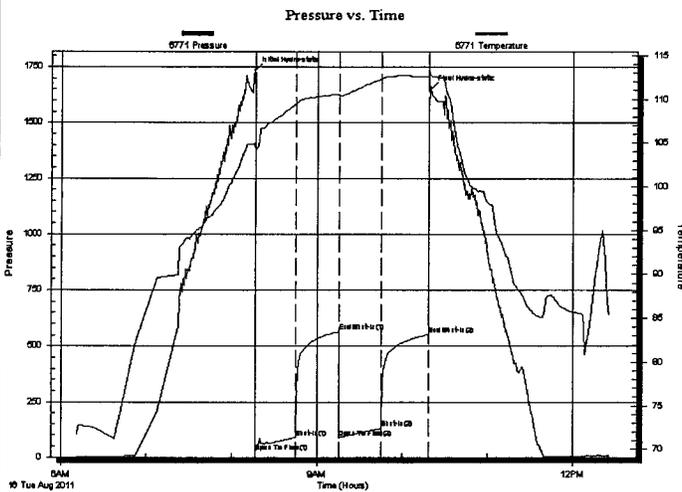
End Time:

12:26:39

Time On Btm: 2011.08.16 @ 08:15:54

Time Off Btm: 2011.08.16 @ 10:19:54

TEST COMMENT: IFP - weak to strong blow 1/4" - 9 1/2"
ISI - sur blow back - died 5 min
FFP - weak to good blow sur - 7 1/2"
FSI - no blow back



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1734.41	104.94	Initial Hydro-static
1	26.40	103.99	Open To Flow (1)
29	89.68	109.42	Shut-In(1)
60	564.75	110.52	End Shut-In(1)
60	90.79	110.38	Open To Flow (2)
90	130.64	112.27	Shut-In(2)
123	552.17	112.59	End Shut-In(2)
124	1653.63	112.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
225.00	MV 85%W, 5%M	2.61
5.00	FREE OIL 95%O, 5%M	0.07
0.00	45' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pelican Hill Oil & Gas

Parks #1-4

1401 NE Carrino Real
Ste. 207
San Clemente, Ca 92672
ATTN: Chris Bean

4-11-21 Trego,KS

Job Ticket: 43341

DST#: 2

Test Start: 2011.08.16 @ 06:10:54

Tool Information

Drill Pipe:	Length: 3368.00 ft	Diameter: 3.80 inches	Volume: 47.24 bbl	Tool Weight: 2500.00 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: 60.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose: 56000.00 lb
			Total Volume: 47.54 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3442.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	33.00 ft			
Tool Length:	56.00 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			3420.00	
Shut In Tool	5.00			3425.00	
Hydraulic tool	5.00			3430.00	
Safety Joint	2.00			3432.00	
Packer	5.00			3437.00	23.00 Bottom Of Top Packer
Packer	5.00			3442.00	
Stubb	1.00			3443.00	
Perforations	2.00			3445.00	
Recorder	0.00	6771	Inside	3445.00	
Recorder	0.00	6667	Outside	3445.00	
Perforations	25.00			3470.00	
Bullnose	5.00			3475.00	33.00 Bottom Packers & Anchor

Total Tool Length: 56.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

Parks #1-4
4-11-21 Trego, KS
Job Ticket: 43341 **DST#: 2**
Test Start: 2011.08.16 @ 06:10:54

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	43 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	52.00 sec/qt	Cushion Volume:	bbbl		
Water Loss:	6.78 in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3100.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
225.00	MW 85%W, 5%M	2.610
5.00	FREE OIL 95%O, 5%M	0.070
0.00	45' GIP	0.000

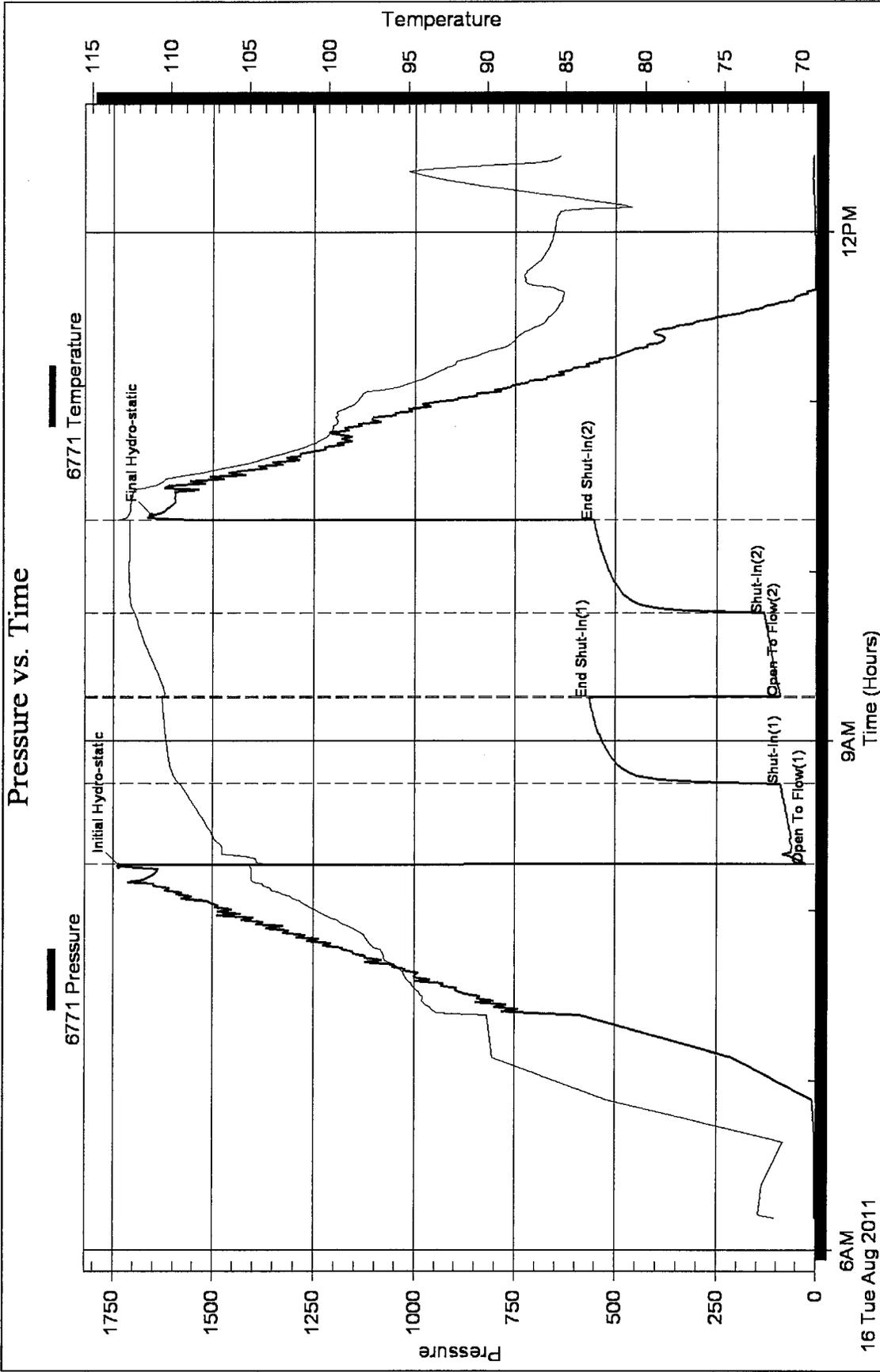
Total Length: 230.00 ft Total Volume: 2.680 bbl

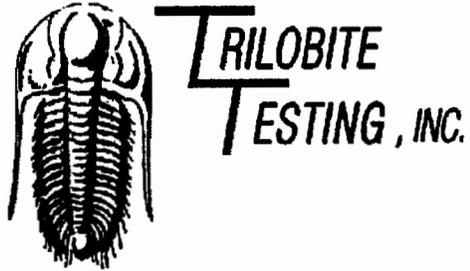
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

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

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

ATTN: Chris Bean

4-11-21 Trego,KS

Parks #1-4

Start Date: 2011.08.18 @ 01:43:42

End Date: 2011.08.18 @ 07:07:42

Job Ticket #: 43342 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Pelican Hill Oil & Gas

Parks #1-4

4-11-21 Trego,KS

DST # 3

Arbuckle

2011.08.18



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

Parks #1-4

4-11-21 Trego, KS

Job Ticket: 43342

DST#: 3

Test Start: 2011.08.18 @ 01:43:42

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:42:12

Time Test Ended: 07:07:42

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 55

Interval: **3748.00 ft (KB) To 3769.00 ft (KB) (TVD)**

Reference Elevations: 2145.00 ft (KB)

Total Depth: 3769.00 ft (KB) (TVD)

2135.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 6771

Inside

Press@RunDepth: 27.73 psig @ 3749.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.08.18

End Date:

2011.08.18

Last Calib.: 2011.08.18

Start Time: 01:43:57

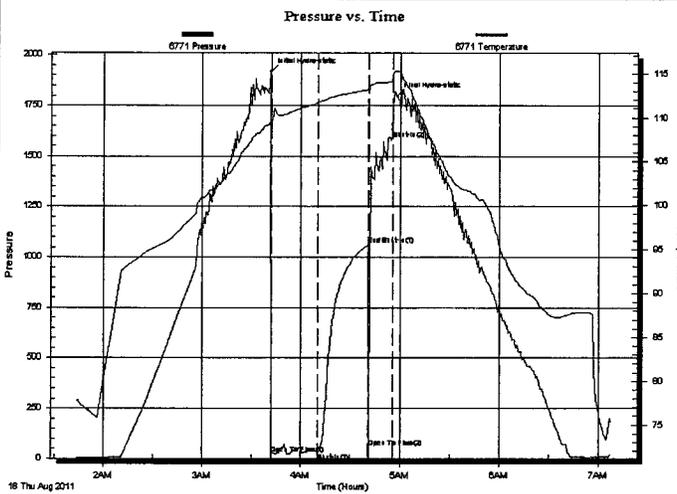
End Time:

07:07:42

Time On Btmr 2011.08.18 @ 03:41:42

Time Off Btmr 2011.08.18 @ 04:57:57

TEST COMMENT: IFP - weak blow throughout 1/4" - 1"
ISI - no blow back
FFP - weak blow throughout sur 1/4"
TIME - 30-30-15



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1917.79	109.55	Initial Hydro-static
1	25.17	109.48	Open To Flow (1)
29	27.73	111.68	Shut-In(1)
59	1059.86	113.18	End Shut-In(1)
60	55.23	112.79	Open To Flow (2)
74	1583.63	114.10	Shut-In(2)
77	1796.25	115.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
25.00	DRL MUD 100%	0.35
5.00	OCM 20%O, 80%M	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pelican Hill Oil & Gas

Parks #1-4

1401 NE Camino Real
Ste. 207
San Clemente, Ca 92672
ATTN: Chris Bean

4-11-21 Trego, KS

Job Ticket: 43342

DST#: 3

Test Start: 2011.08.18 @ 01:43:42

Tool Information

Drill Pipe:	Length: 3745.00 ft	Diameter: 3.80 inches	Volume: 52.53 bbl	Tool Weight: 2500.00 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 52.53 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3748.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	21.00 ft			
Tool Length:	44.00 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			3726.00	
Shut In Tool	5.00			3731.00	
Hydraulic tool	5.00			3736.00	
Safety Joint	2.00			3738.00	
Packer	5.00			3743.00	23.00 Bottom Of Top Packer
Packer	5.00			3748.00	
Stubb	1.00			3749.00	
Recorder	0.00	6771	Inside	3749.00	
Recorder	0.00	6667	Outside	3749.00	
Perforations	15.00			3764.00	
Bullnose	5.00			3769.00	21.00 Bottom Packers & Anchor
Total Tool Length:	44.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

Parks #1-4
4-11-21 Trego, KS
Job Ticket: 43342 **DST#: 3**
Test Start: 2011.08.18 @ 01:43:42

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:	ppm
Viscosity: 64.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.19 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5800.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
25.00	DRL MUD 100%	0.351
5.00	OCM 20%O, 80%M	0.070

Total Length: 30.00 ft Total Volume: 0.421 bbl

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

Pressure vs. Time

