



## DRILL STEM TEST REPORT

Prepared For: **Eternity Exploration LLC**

338 Spyglass Dr.  
Coppell Dr. TX 75019

ATTN: Larry Nicholson

### **A7 Family Farm #1**

### **7-9s-31w Thomas,KS**

Start Date: 2017.05.28 @ 19:42:15

End Date: 2017.05.29 @ 03:26:00

Job Ticket #: 63730                      DST #: 1

Trilobite Testing, Inc  
1515 Commerce Parkway Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2017.06.01 @ 08:58:00



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Eternity Exploration LLC

**7-9s-31w Thomas,KS**

338 Spyglass Dr.  
Coppell Dr. TX 75019

**A7 Family Farm #1**

ATTN: Larry Nicholson

Job Ticket: 63730

**DST#: 1**

Test Start: 2017.05.28 @ 19:42:15

## GENERAL INFORMATION:

Formation: **LKC J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:17:00

Time Test Ended: 03:26:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Mike Roberts

Unit No: 81

**Interval: 4190.00 ft (KB) To 4222.00 ft (KB) (TVD)**

Reference Elevations: 2961.00 ft (KB)

Total Depth: 4222.00 ft (KB) (TVD)

2954.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

**Serial #: 6749 Outside**

Press@RunDepth: 52.25 psig @ 4191.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.05.28

End Date:

2017.05.29

Last Calib.:

2017.05.29

Start Time: 19:42:15

End Time:

03:26:00

Time On Btm:

2017.05.28 @ 22:16:45

Time Off Btm:

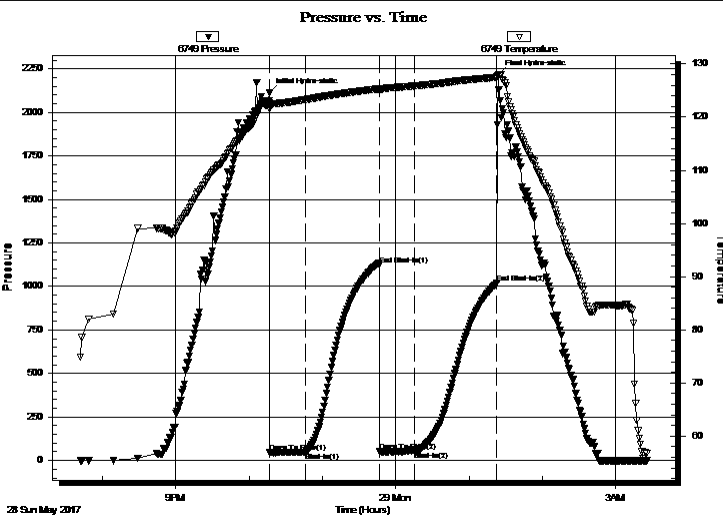
2017.05.29 @ 01:24:00

**TEST COMMENT:** IF: Built to 1/4" blow and died to weak surface blow

IS: No return blow

FF: No blow

FS: No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2111.06	122.76	Initial Hydro-static
1	44.84	121.63	Open To Flow (1)
30	47.57	123.32	Shut-In(1)
90	1123.92	125.33	End Shut-In(1)
91	50.88	125.04	Open To Flow (2)
119	52.25	125.86	Shut-In(2)
186	1019.63	127.50	End Shut-In(2)
188	2217.67	127.96	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
3.00	mud 100%m	0.01
62.00	ocm 3%o 97%m	0.30

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Eternity Exploration LLC

**7-9s-31w Thomas,KS**

338 Spyglass Dr.  
Coppell Dr. TX 75019

**A7 Family Farm #1**

Job Ticket: 63730

**DST#: 1**

ATTN: Larry Nicholson

Test Start: 2017.05.28 @ 19:42:15

## Tool Information

Drill Pipe:	Length: 4071.00 ft	Diameter: 3.80 inches	Volume: 57.11 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: 20000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 57.71 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4190.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	32.00 ft			
Tool Length:	56.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4167.00	
Shut In Tool	5.00			4172.00	
Hydraulic tool	5.00			4177.00	
Jars	5.00			4182.00	
Safety Joint	3.00			4185.00	
Packer	5.00			4190.00	24.00 Bottom Of Top Packer
Packer - Shale	0.00			4190.00	
Stubb	1.00			4191.00	
Recorder	0.00	8672	Inside	4191.00	
Recorder	0.00	6749	Outside	4191.00	
Perforations	26.00			4217.00	
Bullnose	5.00			4222.00	32.00 Anchor Tool

**Total Tool Length: 56.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Eternity Exploration LLC

**7-9s-31w Thomas,KS**

338 Spyglass Dr.  
Coppell Dr. TX 75019

**A7 Family Farm #1**

Job Ticket: 63730

**DST#: 1**

ATTN: Larry Nicholson

Test Start: 2017.05.28 @ 19:42:15

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.37 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
3.00	mud 100%m	0.015
62.00	ocm 3%o 97%m	0.305

Total Length: 65.00 ft

Total Volume: 0.320 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

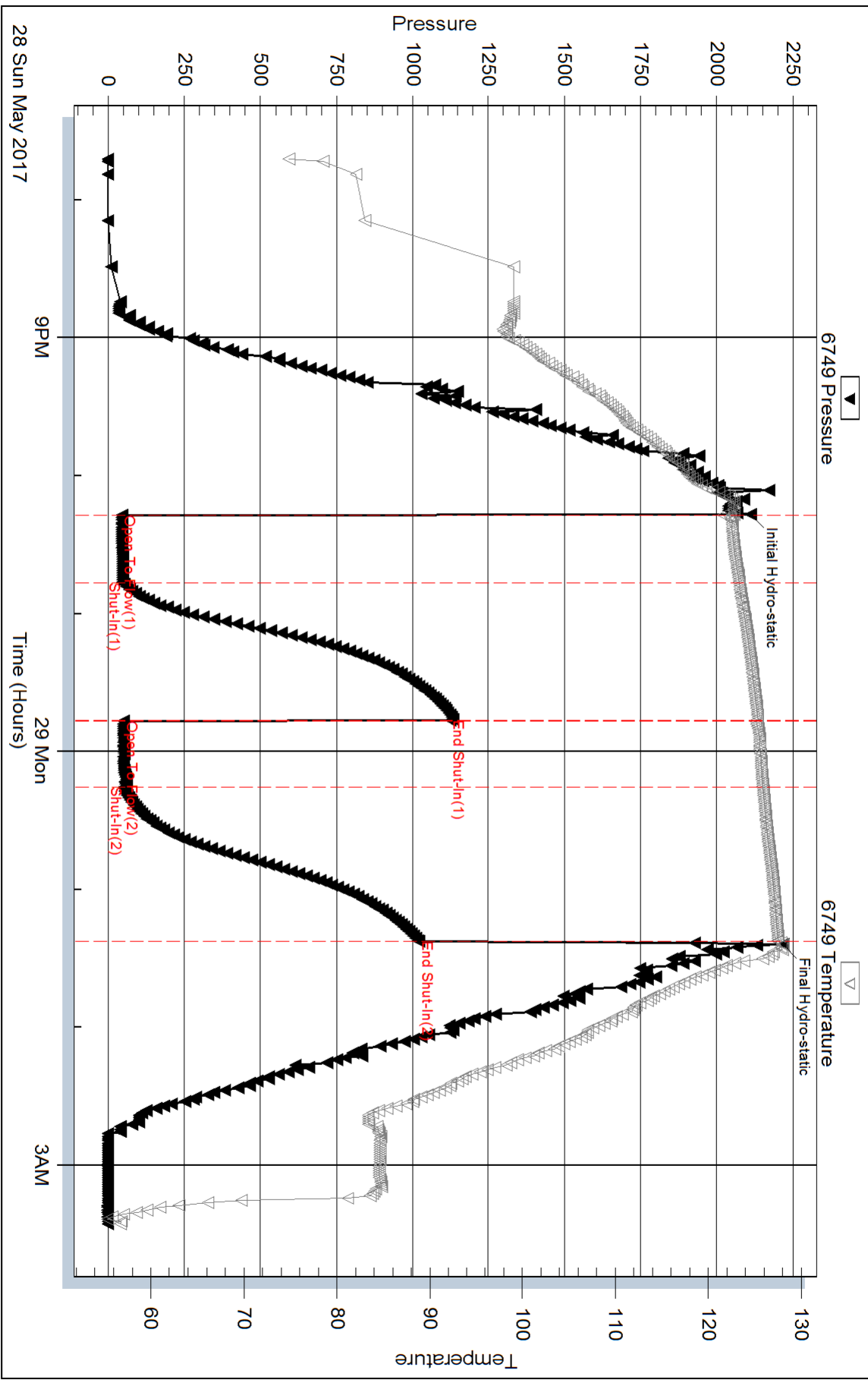
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time



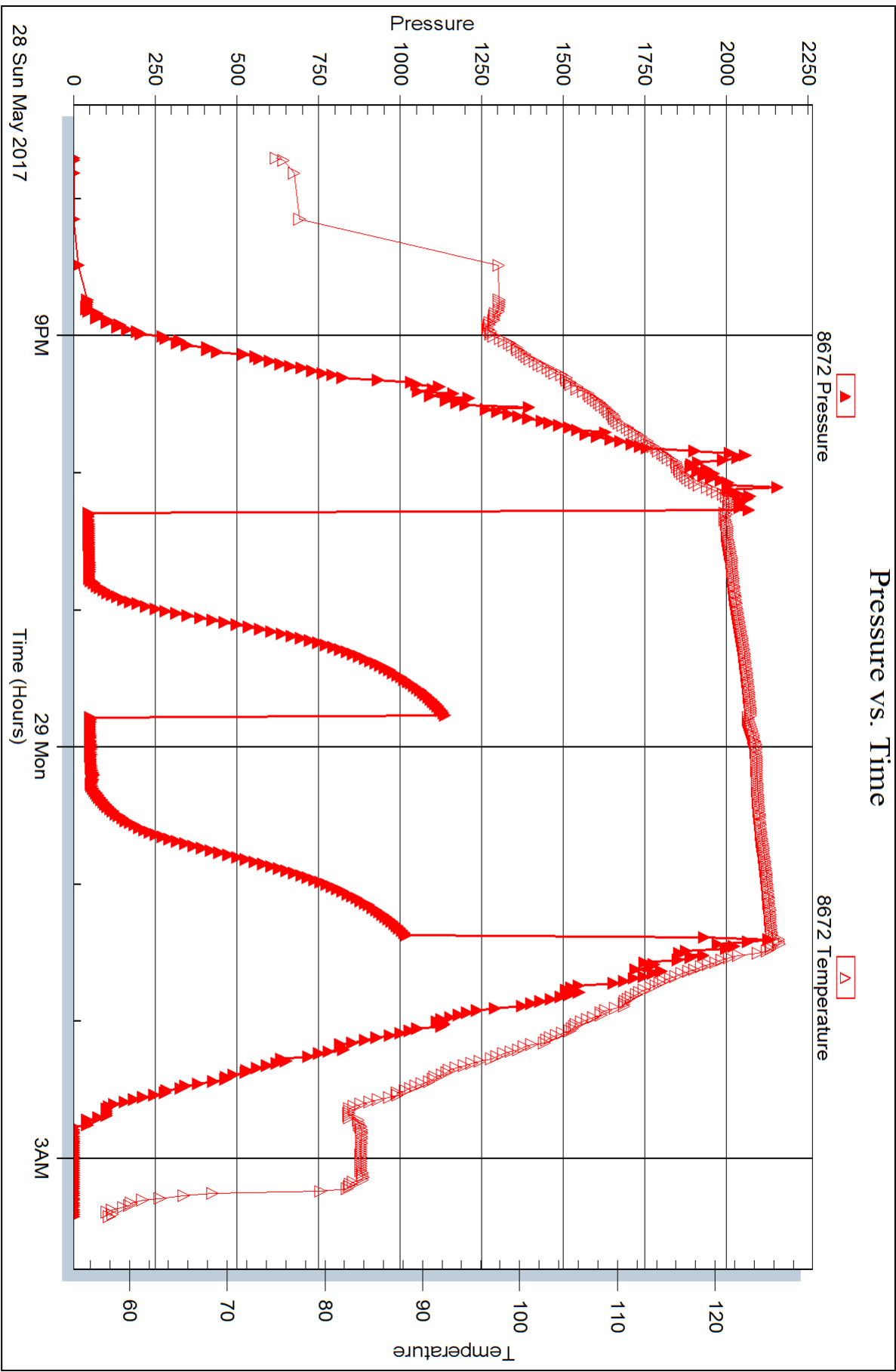
Serial #: 8672

Inside

Eternity Exploration LLC

A7 Family Farm #1

DST Test Number: 1





## DRILL STEM TEST REPORT

Prepared For: **Eternity Exploration LLC**

338 Spyglass Dr.  
Coppell Dr. TX 75019

ATTN: Larry Nicholson

### **A7 Family Farm #1**

### **7-9s-31w Thomas,KS**

Start Date: 2017.05.29 @ 16:22:15

End Date: 2017.05.29 @ 22:56:15

Job Ticket #: 63731                      DST #: 2

Trilobite Testing, Inc  
1515 Commerce Parkway Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2017.06.01 @ 08:57:26





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Eternity Exploration LLC

**7-9s-31w Thomas,KS**

338 Spyglass Dr.  
Coppell Dr. TX 75019

**A7 Family Farm #1**

ATTN: Larry Nicholson

Job Ticket: 63731

**DST#: 2**

Test Start: 2017.05.29 @ 16:22:15

## GENERAL INFORMATION:

Formation: **LKC K-L**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:36:45

Time Test Ended: 22:56:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 81

**Interval: 4217.00 ft (KB) To 4284.00 ft (KB) (TVD)**

Reference Elevations: 2961.00 ft (KB)

Total Depth: 4284.00 ft (KB) (TVD)

2954.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

**Serial #: 6749 Outside**

Press@RunDepth: 99.55 psig @ 4279.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.05.29 End Date: 2017.05.29

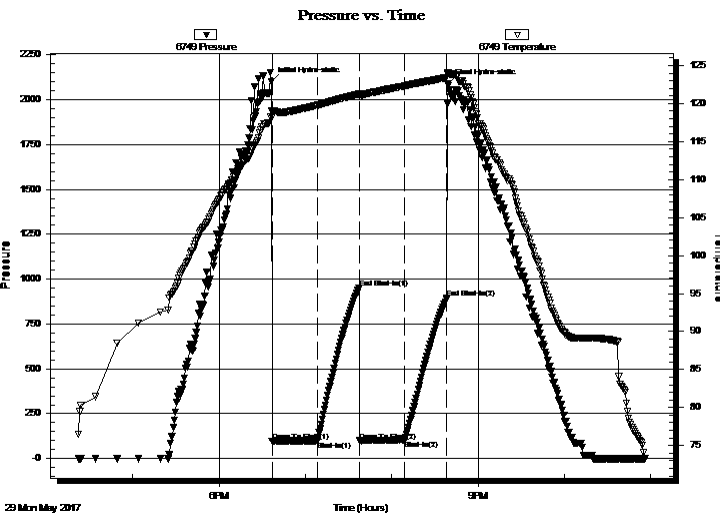
Last Calib.: 2017.05.29

Start Time: 16:22:15 End Time: 22:56:15

Time On Btm: 2017.05.29 @ 18:36:30

Time Off Btm: 2017.05.29 @ 20:39:15

**TEST COMMENT:** IF: Built to 1/8" blow  
IS: No return blow  
FF: No blow  
FS: No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2098.96	119.00	Initial Hydro-static
1	96.56	118.30	Open To Flow (1)
32	98.94	119.75	Shut-In(1)
61	949.91	121.23	End Shut-In(1)
62	99.26	121.02	Open To Flow (2)
93	99.55	122.30	Shut-In(2)
122	892.38	123.41	End Shut-In(2)
123	2088.99	124.09	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
130.00	mud with oil spots	0.70

\* Recovery from multiple tests

## Gas Rates

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



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# DRILL STEM TEST REPORT

Eternity Exploration LLC

**7-9s-31w Thomas,KS**

338 Spyglass Dr.  
Coppell Dr. TX 75019

**A7 Family Farm #1**

ATTN: Larry Nicholson

Job Ticket: 63731

**DST#: 2**

Test Start: 2017.05.29 @ 16:22:15

## GENERAL INFORMATION:

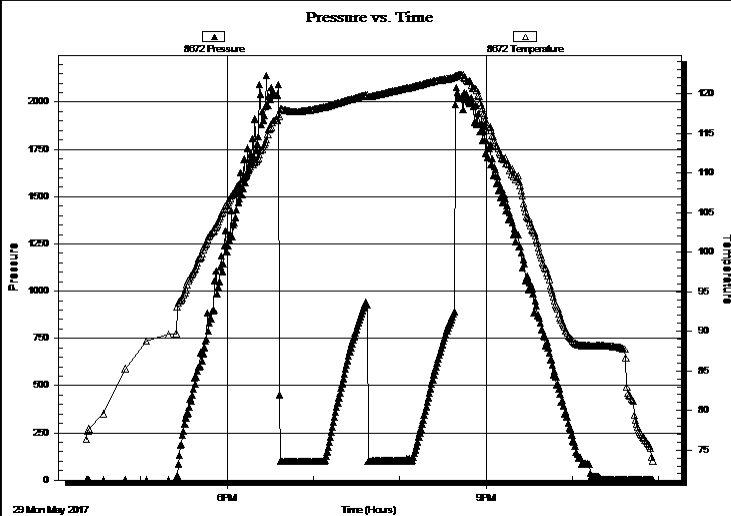
Formation: **LKC K-L**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Reset)  
 Time Tool Opened: 18:36:45  
 Tester: Mike Roberts  
 Time Test Ended: 22:56:15  
 Unit No: 81  
**Interval: 4217.00 ft (KB) To 4284.00 ft (KB) (TVD)**  
 Reference Elevations: 2961.00 ft (KB)  
 Total Depth: 4284.00 ft (KB) (TVD)  
 2954.00 ft (CF)  
 Hole Diameter: 7.88 inches  
 Hole Condition: Fair  
 KB to GR/CF: 7.00 ft

**Serial #: 8672**

**Inside**

Press@RunDepth: psig @ 4279.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2017.05.29 End Date: 2017.05.29 Last Calib.: 2017.05.29  
 Start Time: 16:22:15 End Time: 22:56:00 Time On Btm:  
 Time Off Btm:

TEST COMMENT: IF: Built to 1/8" blow  
 IS: No return blow  
 FF: No blow  
 FS: No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

## Recovery

Length (ft)	Description	Volume (bbl)
130.00	mud w ith oil spots	0.70

## Gas Rates

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

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Eternity Exploration LLC

**7-9s-31w Thomas,KS**

338 Spyglass Dr.  
Coppell Dr. TX 75019

**A7 Family Farm #1**

Job Ticket: 63731

**DST#: 2**

ATTN: Larry Nicholson

Test Start: 2017.05.29 @ 16:22:15

## Tool Information

Drill Pipe:	Length: 4071.00 ft	Diameter: 3.80 inches	Volume: 57.11 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: 20000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 57.71 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	1.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4217.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	67.00 ft			
Tool Length:	91.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4194.00	
Shut In Tool	5.00			4199.00	
Hydraulic tool	5.00			4204.00	
Jars	5.00			4209.00	
Safety Joint	3.00			4212.00	
Packer	5.00			4217.00	24.00 Bottom Of Top Packer
Packer - Shale	0.00			4217.00	
Stubb	1.00			4218.00	
Perforations	2.00			4220.00	
Change Over Sub	1.00			4221.00	
Drill Pipe	32.00			4253.00	
Change Over Sub	1.00			4254.00	
Perforations	25.00			4279.00	
Recorder	0.00	8672	Inside	4279.00	
Recorder	0.00	6749	Outside	4279.00	
Bullnose	5.00			4284.00	67.00 Anchor Tool
<b>Total Tool Length:</b>	<b>91.00</b>				



**TRILOBITE  
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# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Eternity Exploration LLC

**7-9s-31w Thomas,KS**

338 Spyglass Dr.  
Coppell Dr. TX 75019

**A7 Family Farm #1**

Job Ticket: 63731

**DST#: 2**

ATTN: Larry Nicholson

Test Start: 2017.05.29 @ 16:22:15

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
130.00	mud w ith oil spots	0.703

Total Length: 130.00 ft      Total Volume: 0.703 bbl

Num Fluid Samples: 0

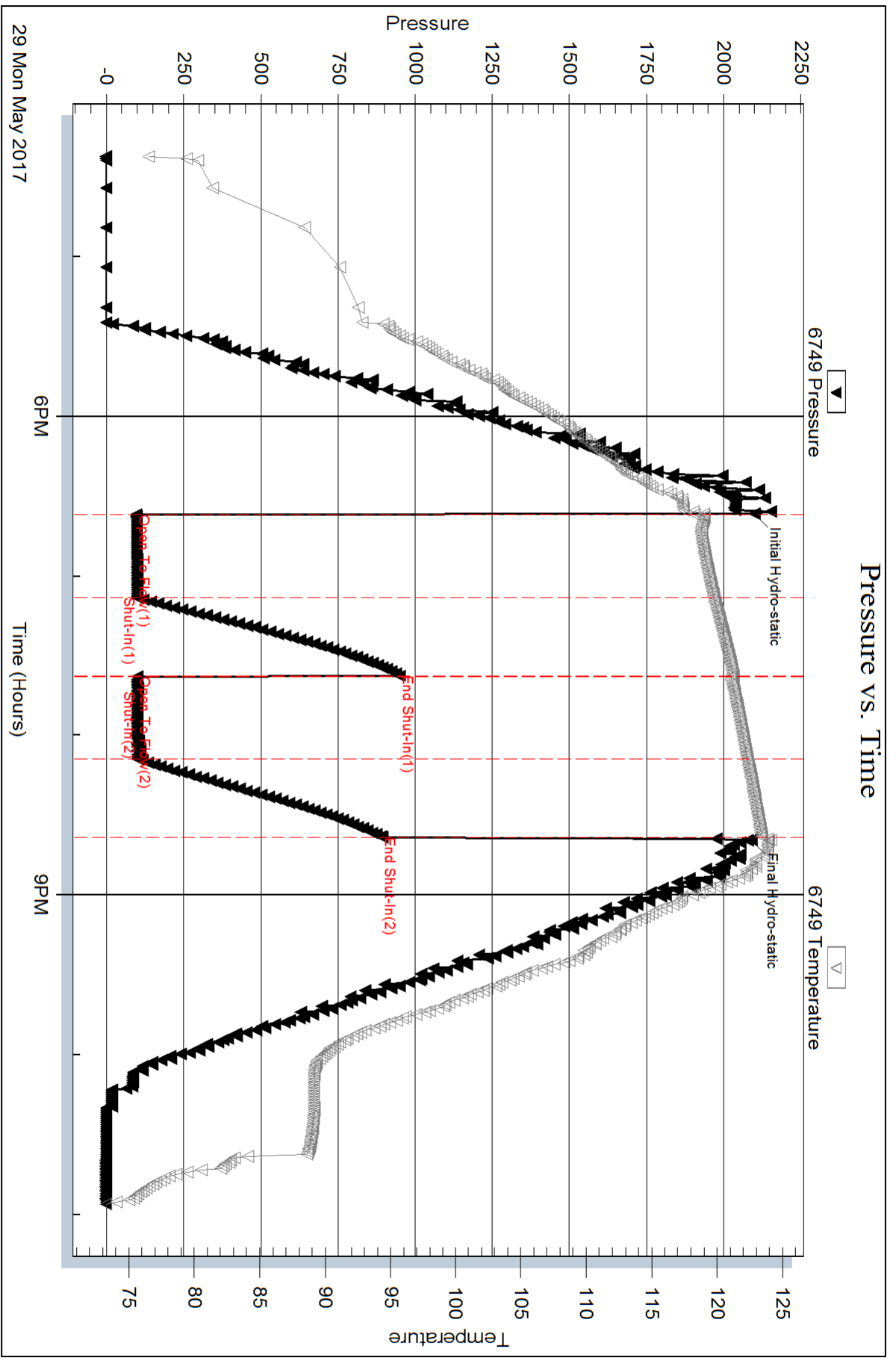
Num Gas Bombs: 0

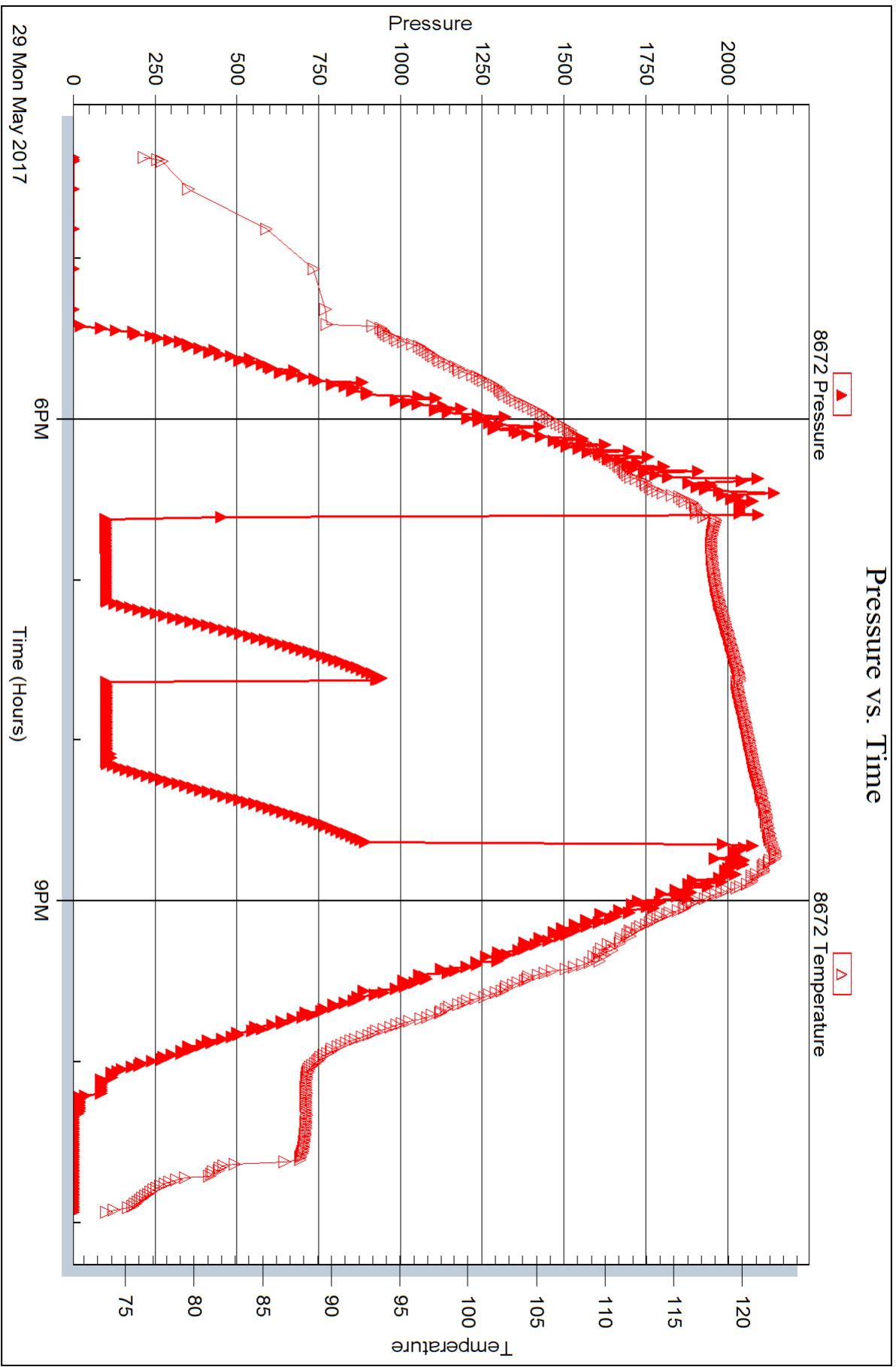
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





29 Mon May 2017



## DRILL STEM TEST REPORT

Prepared For: **Eternity Exploration LLC**

338 Spyglass Dr.  
Coppell Dr. TX 75019

ATTN: Larry Nicholson

### **A7 Family Farm #1**

### **7-9s-31w Thomas,KS**

Start Date: 2017.05.30 @ 22:00:15

End Date: 2017.05.31 @ 05:11:30

Job Ticket #: 63732                      DST #: 3

Trilobite Testing, Inc  
1515 Commerce Parkway Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2017.06.01 @ 08:56:39



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Eternity Exploration LLC

**7-9s-31w Thomas,KS**

338 Spyglass Dr.  
Coppell Dr. TX 75019

**A7 Family Farm #1**

ATTN: Larry Nicholson

Job Ticket: 63732

**DST#: 3**

Test Start: 2017.05.30 @ 22:00:15

## GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:33:30

Time Test Ended: 05:11:30

Test Type: Conventional Straddle (Reset)

Tester: Mike Roberts

Unit No: 81

**Interval: 4515.00 ft (KB) To 4560.00 ft (KB) (TVD)**

Reference Elevations: 2961.00 ft (KB)

Total Depth: 4560.00 ft (KB) (TVD)

2954.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

**Serial #: 6749 Outside**

Press@RunDepth: 66.61 psig @ 4555.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.05.30

End Date:

2017.05.31

Last Calib.: 2017.05.31

Start Time: 22:00:15

End Time:

05:11:30

Time On Btm: 2017.05.31 @ 00:33:15

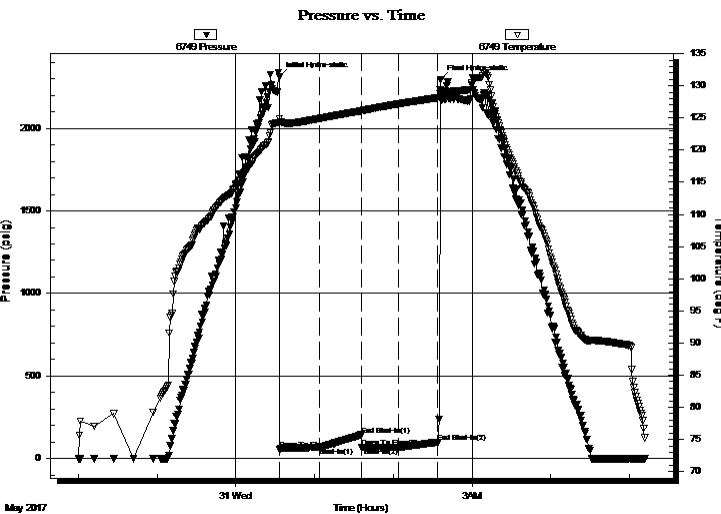
Time Off Btm: 2017.05.31 @ 02:36:15

TEST COMMENT: IF: Built to 1/2" blow and died in 20 min.

IS: No return blow

FF: No blow

FS: No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2311.12	124.90	Initial Hydro-static
1	57.05	124.29	Open To Flow (1)
31	66.34	124.92	Shut-In(1)
63	143.94	126.11	End Shut-In(1)
63	66.35	126.10	Open To Flow (2)
91	66.61	127.19	Shut-In(2)
121	96.45	128.13	End Shut-In(2)
123	2296.21	128.87	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
62.00	mud 100%m	0.30

\* Recovery from multiple tests

## Gas Rates

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







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Eternity Exploration LLC

**7-9s-31w Thomas,KS**

338 Spyglass Dr.  
Coppell Dr. TX 75019

**A7 Family Farm #1**

Job Ticket: 63732

**DST#: 3**

ATTN: Larry Nicholson

Test Start: 2017.05.30 @ 22:00:15

## Tool Information

Drill Pipe:	Length: 4393.00 ft	Diameter: 3.80 inches	Volume: 61.62 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:	20000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose:	140000.0 lb
			<u>Total Volume: 62.22 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial	70000.00 lb
Depth to Top Packer:	4515.00 ft			Final	70000.00 lb
Depth to Bottom Packer:	4560.00 ft				
Interval between Packers:	45.00 ft				
Tool Length:	69.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments: Recommend to short trip prior to DST #4 .

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4492.00	
Shut In Tool	5.00			4497.00	
Hydraulic tool	5.00			4502.00	
Jars	5.00			4507.00	
Safety Joint	3.00			4510.00	
Packer	5.00			4515.00	24.00 Bottom Of Top Packer
Packer - Shale	0.00			4515.00	
Stubb	1.00			4516.00	
Perforations	5.00			4521.00	
Change Over Sub	1.00			4522.00	
Drill Pipe	32.00			4554.00	
Change Over Sub	1.00			4555.00	
Recorder	0.00	8672	Inside	4555.00	
Recorder	0.00	6749	Outside	4555.00	
Bullnose	5.00			4560.00	45.00 Anchor Tool

**Total Tool Length: 69.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Eternity Exploration LLC

**7-9s-31w Thomas,KS**

338 Spyglass Dr.  
Coppell Dr. TX 75019

**A7 Family Farm #1**

Job Ticket: 63732

**DST#: 3**

ATTN: Larry Nicholson

Test Start: 2017.05.30 @ 22:00:15

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	mud 100%m	0.305

Total Length: 62.00 ft      Total Volume: 0.305 bbl

Num Fluid Samples: 0

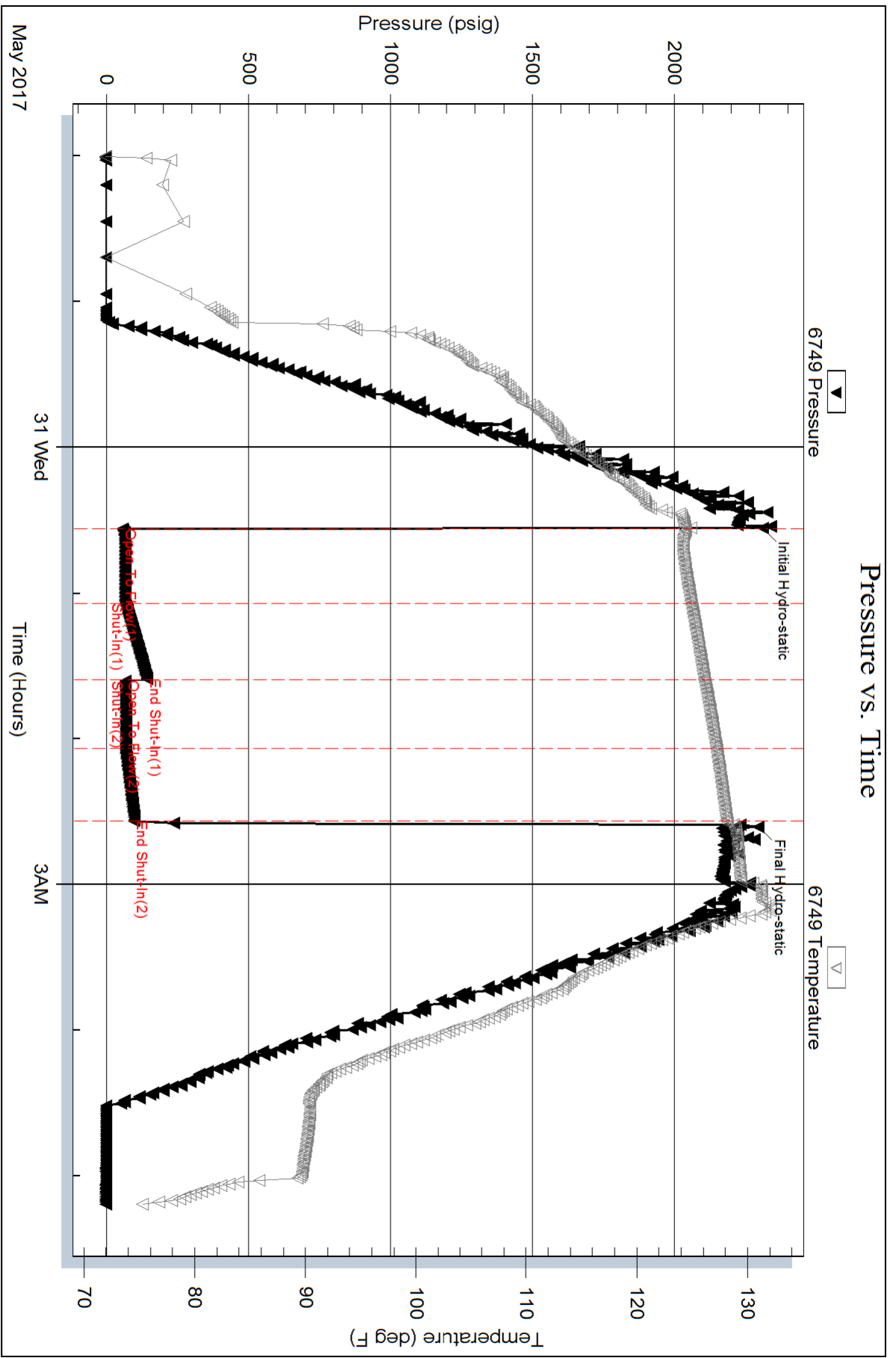
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



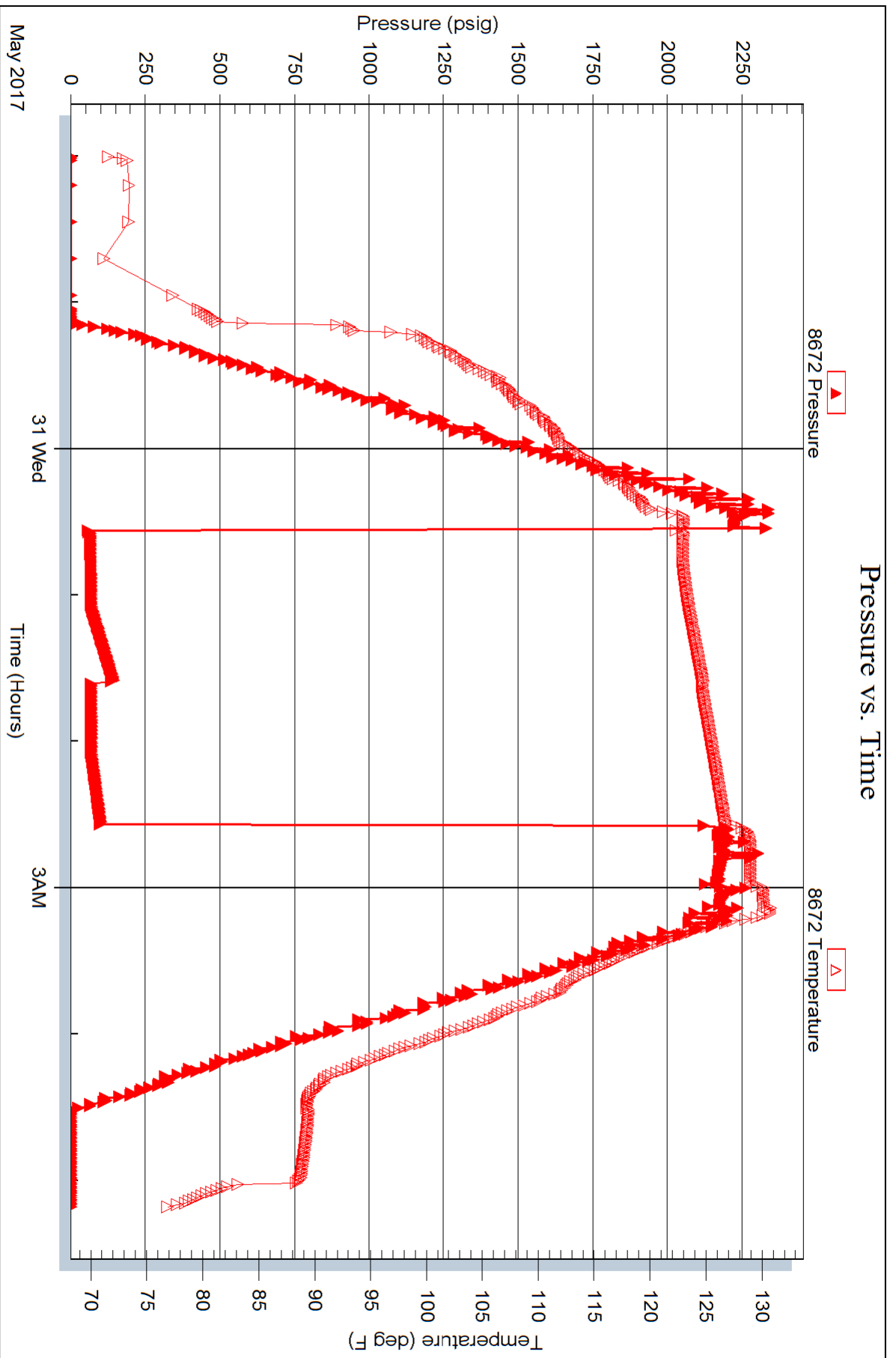
Serial #: 8672

Inside

Eternity Exploration LLC

A7 Family Farm #1

DST Test Number: 3





# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **63730**

Well Name & No. A17 Family Farm #1 Test No. 1 Date 5-28-17  
 Company Eternity Exploration LLC Elevation 2961 KB 2954 GL  
 Address 338 Spyglass Dr. Coppell TX 75019  
 Co. Rep / Geo. Larry Nicholson Rig STP  
 Location: Sec. 7 Twp. 9S Rge. 31W Co. Thomas State KS

Interval Tested 4190-4222 Zone Tested J  
 Anchor Length 32 Drill Pipe Run 4071 Mud Wt. 9.2  
 Top Packer Depth 4185 Drill Collars Run 123 Vis 60  
 Bottom Packer Depth 4190 Wt. Pipe Run 0 WL 6.4  
 Total Depth 4222 Chlorides 3000 ppm System LCM 3  
 Blow Description IF: Built to 1/4" died to Surface Blow  
IS: No Return Blow  
FF: No Blow  
FS: No Return Blow

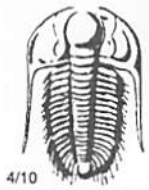
Rec	Feet of	%gas	%oil	%water	%mud
<u>3</u>	<u>MUD</u>			<u>100</u>	
<u>62</u>	<u>OCM</u>		<u>3</u>	<u>97</u>	

Rec Total 65 BHT 128 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2111</u>	<input checked="" type="checkbox"/> Test <u>\$1150.00/-</u>	T-On Location <u>18:10</u>
(B) First Initial Flow <u>44</u>	<input checked="" type="checkbox"/> Jars <u>\$250.00/-</u>	T-Started <u>19:42</u>
(C) First Final Flow <u>47</u>	<input checked="" type="checkbox"/> Safety Joint <u>\$75.00/-</u>	T-Open <u>22:17</u>
(D) Initial Shut-In <u>1123</u>	<input checked="" type="checkbox"/> Circ Sub <u>NC</u>	T-Pulled <u>01:17</u>
(E) Second Initial Flow <u>50</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>03:26</u>
(F) Second Final Flow <u>52</u>	<input checked="" type="checkbox"/> Mileage <u>BORT = \$97.50/-</u>	Comments
(G) Final Shut-In <u>1019</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2217</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input checked="" type="checkbox"/> Shale Packer <u>\$250.00/-</u>	<input type="checkbox"/> Ruined Packer
	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
	<input type="checkbox"/> Day Standby	Total <u>1822.50</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>\$1822.50/-</u>	

Initial Open 30  
 Initial Shut-In 60  
 Final Flow 30  
 Final Shut-In 60

Approved By [Signature] Our Representative [Signature]  
 Trilobite Testing Inc. shall not be liable for damaged 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.



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **63731**

Well Name & No. A7 Family Farm #1 Test No. 2 Date 5-29-17  
 Company Eternity Exploration LLC Elevation 2961 KB 2954 GL  
 Address 338 Spyglass Dr. Coppell TX 75019  
 Co. Rep / Geo. Larry Nicholson Rig STP  
 Location: Sec. 7 Twp. 9S Rge. 3/W Co. Thomas State KS

Interval Tested 4217-4284 Zone Tested K+L  
 Anchor Length 67 Drill Pipe Run 4071 Mud Wt. 9.3  
 Top Packer Depth 4212 Drill Collars Run 123 Vis 56  
 Bottom Packer Depth 4217 Wt. Pipe Run Ø WL 7.2  
 Total Depth 4284 Chlorides 3000 ppm System LCM 2  
 Blow Description IF: Built to 1/8" Blow  
IS: No Return Blow  
FF: No Blow  
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>130</u>	<u>mud with oil spots</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 130 BHT 124 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2098</u>	<input checked="" type="checkbox"/> Test <u>\$1150.00/-</u>	T-On Location <u>15:40</u>
(B) First Initial Flow <u>96</u>	<input checked="" type="checkbox"/> Jars <u>\$250.00/-</u>	T-Started <u>16:22</u>
(C) First Final Flow <u>98</u>	<input checked="" type="checkbox"/> Safety Joint <u>\$75.00/-</u>	T-Open <u>18:37</u>
(D) Initial Shut-In <u>949</u>	<input checked="" type="checkbox"/> Circ Sub	T-Pulled <u>20:37</u>
(E) Second Initial Flow <u>99</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>22:56</u>
(F) Second Final Flow <u>99</u>	<input checked="" type="checkbox"/> Mileage <u>130 RT = \$97.52/-</u>	Comments
(G) Final Shut-In <u>892</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2088</u>	<input type="checkbox"/> Straddle	<input checked="" type="checkbox"/> Ruined Shale Packer <u>350</u>
Initial Open <u>30</u>	<input checked="" type="checkbox"/> Shale Packer <u>\$250.00/-</u>	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>350</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby	Total <u>2172.50</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>\$1822.52/-</u>	

Approved By \_\_\_\_\_ Our Representative Mike Bobak

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# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **63732**

Well Name & No. A7 Family Farm #1 Test No. 3 Date 5-30-17  
 Company Eternity Exploration LLC Elevation 2961 KB 2954 GL  
 Address 338 Spyglass Dr. Coppell TX 75019  
 Co. Rep / Geo. Larry Nicholson Rig STP  
 Location: Sec. 7 Twp. 9S Rge. 3W Co. Thomas State KS

Interval Tested 4515-4560 Zone Tested Johnson  
 Anchor Length 45 Drill Pipe Run 4393 Mud Wt. 9.2  
 Top Packer Depth 4510 Drill Collars Run 123 Vis 52  
 Bottom Packer Depth 4515 Wt. Pipe Run 8 WL 6.8  
 Total Depth 4560 Chlorides 3000 ppm System LCM 2  
 Blow Description IF: Boil 14 to 1/2" Died in 20 min  
IS: NO Return Blow  
FF: NO Blow  
FS: NO Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>62</u>	<u>MUP</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 62 BHT 129 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2311</u>	<input checked="" type="checkbox"/> Test <u>\$1150.00/-</u>	T-On Location <u>20:31</u>
(B) First Initial Flow <u>57</u>	<input checked="" type="checkbox"/> Jars <u>\$250.00/-</u>	T-Started <u>22:00</u>
(C) First Final Flow <u>66</u>	<input checked="" type="checkbox"/> Safety Joint <u>\$75.00/-</u>	T-Open <u>00:34</u>
(D) Initial Shut-In <u>143</u>	<input checked="" type="checkbox"/> Circ Sub <u>NC</u>	T-Pulled <u>02:34</u>
(E) Second Initial Flow <u>66</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>05:11</u>
(F) Second Final Flow <u>66</u>	<input checked="" type="checkbox"/> Mileage <u>130RT = \$92.50/-</u> <sup>195</sup>	Comments <u>Recommend Short Trip Prior To DST #4</u>
(G) Final Shut-In <u>96</u>	<input type="checkbox"/> Sampler <u>X2 Load at 15:00 5:31</u>	<input checked="" type="checkbox"/> Ruined Shale Packer <u>350</u>
(H) Final Hydrostatic <u>2296</u>	<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>350</u>
Final Flow <u>30</u>	<input type="checkbox"/> Day Standby	Total <u>2270</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1920</u>	

Approved By L. Nichol Our Representative Mike Rohrb

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