



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Oil Producers Inc**

1710 Waterfront Parkway  
Wichita KS 67206

ATTN: Paul Gurlock

**34 32S 14W Barber KS**

**Hinz #1-34A**

Start Date: 2006.12.16 @ 03:08:09

End Date: 2006.12.16 @ 12:09:09

Job Ticket #: 27029                      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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## GENERAL INFORMATION:

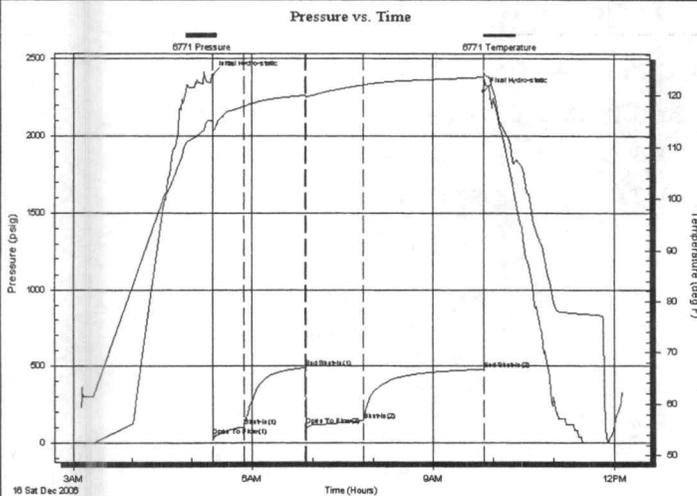
Formation: **Mississippi**  
Deviated: **No** Whipstock:                      ft (KB)  
Time Tool Opened: 05:21:09  
Time Test Ended: 12:09:09  
Test Type: Conventional Bottom Hole  
Tester: Zach Stover  
Unit No: 23  
Interval: **4770.00 ft (KB) To 4815.00 ft (KB) (TVD)**  
Reference Elevations: 1981.00 ft (KB)  
Total Depth: 4815.00 ft (KB) (TVD)                      1976.00 ft (CF)  
Hole Diameter: 7.88 inches Hole Condition: Fair                      KB to GR/CF: 5.00 ft

## Serial #: 6771

Inside

Press@RunDepth: 149.64 psig @ 4774.00 ft (KB)      Capacity: 7000.00 psig  
Start Date: 2006.12.16      End Date: 2006.12.16      Last Calib.: 2006.12.16  
Start Time: 03:08:14      End Time: 12:09:09      Time On Btm: 2006.12.16 @ 05:20:54  
Time Off Btm: 2006.12.16 @ 09:50:38

TEST COMMENT: IF Strong blow BOB in 4 min.  
ISI No blow  
FF Strong blow BOB in 5 min.  
FSI Fair blow Made BOB at end of shut in



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2391.07	114.54	Initial Hydro-static
1	44.51	113.47	Open To Flow (1)
31	109.07	117.89	Shut-In (1)
92	490.04	120.06	End Shut-In (1)
92	114.11	119.86	Open To Flow (2)
150	149.64	122.04	Shut-In (2)
270	479.65	123.58	End Shut-In (2)
270	2285.61	124.58	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
120.00	SOSMW 70%W 30%M	0.59
120.00	SOS GSY M 20%G 80%M	0.59
60.00	SOS GSY M 10%G 90%M	0.78
60.00	Mud	0.84

## Gas Rates

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



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**TOOL DIAGRAM**

Oil Producers Inc  
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**Tool Information**

Drill Pipe:	Length: 4515.00 ft	Diameter: 3.80 inches	Volume: 63.33 bbl	Tool Weight: 2100.00 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: 247.00 ft	Diameter: 2.25 inches	Volume: 1.21 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 64.54 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	4770.00 ft			Final 57000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	45.00 ft			
Tool Length:	65.00 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			4751.00	
Shut In Tool	5.00			4756.00	
Hydraulic tool	5.00			4761.00	
Packer	4.00			4765.00	20.00      Bottom Of Top Packer
Packer	5.00			4770.00	
Stubb	1.00			4771.00	
Perforations	3.00			4774.00	
Recorder	0.00	6771	Inside	4774.00	
Change Over Sub	1.00			4775.00	
Blank Spacing	31.00			4806.00	
Perforations	4.00			4810.00	
Recorder	0.00	13789	Outside	4810.00	
Bullnose	5.00			4815.00	45.00      Bottom Packers & Anchor

**Total Tool Length: 65.00**



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**FLUID SUMMARY**

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**34 32S 14W Barber KS**  
Job Ticket: 27029      **DST#: 1**  
Test Start: 2006.12.16 @ 03:08:09

## Mud and Cushion Information

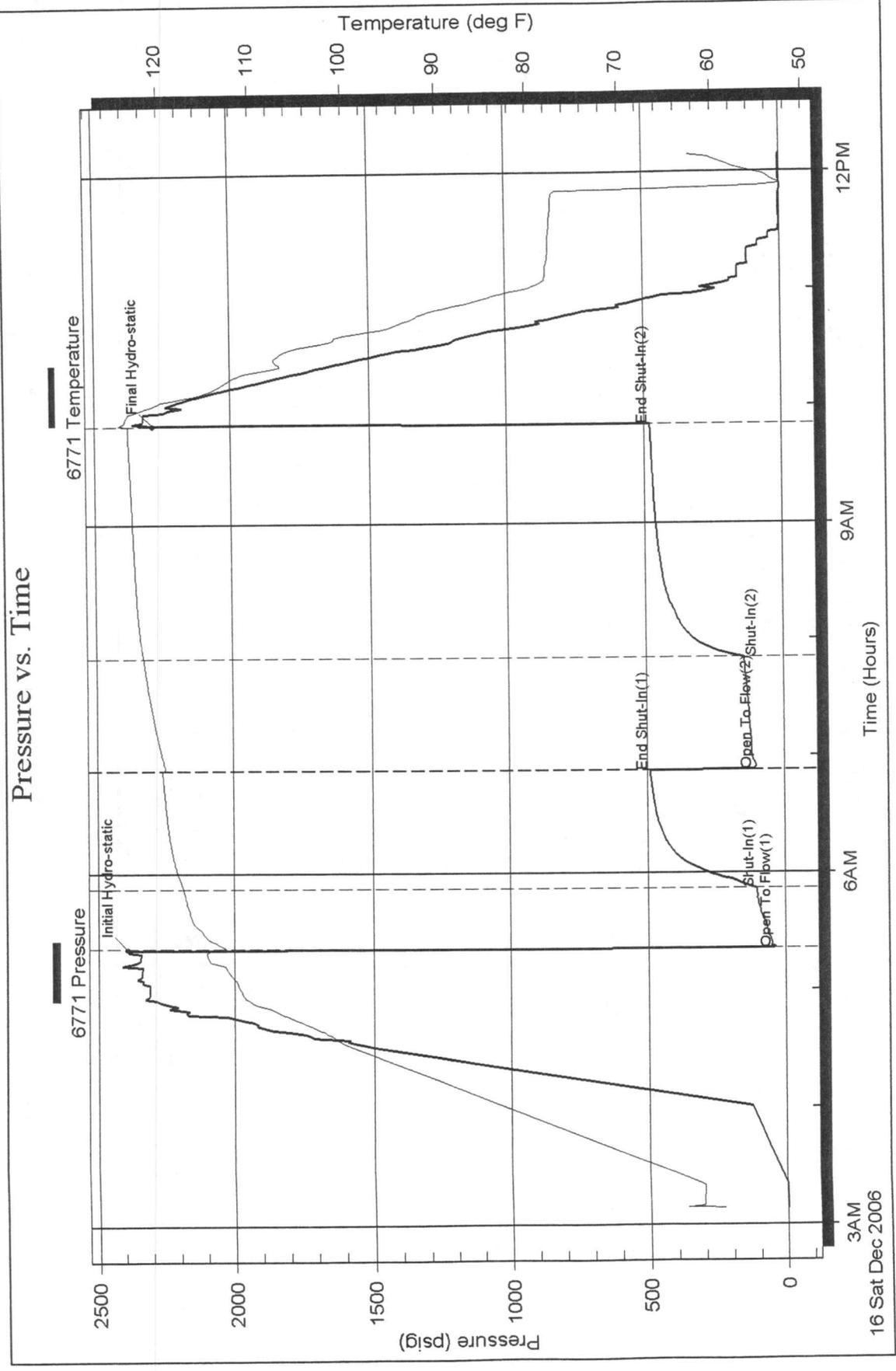
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	34000 ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.59 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 8000.00 ppm			
Filter Cake: 0.20 inches			

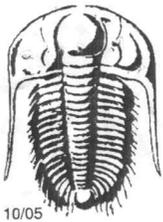
## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	SOSMV 70%W 30%M	0.590
120.00	SOS GSY M 20%G 80%M	0.590
60.00	SOS GSY M 10%G 90%M	0.778
60.00	Mud	0.842

Total Length: 360.00 ft      Total Volume: 2.800 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:





# TRILOBITE TESTING INC.

Jim Hartner

27029

P.O. Box 362 • Hays, Kansas 67601

9677 ✓

## Test Ticket

Well Name & No. Hony Lease # 1-34 A Test No. 1 Date 12-16-06  
 Company Oil Producers Inc. Zone Tested Mississippi  
 Address 1710 Waterfront Parkway Wicinita, KS 67206 Elevation 1981 KB 1976 GL  
 Co. Rep / Geo. Paul Dunlock Rig Mallard #4  
 Location: Sec. 34 Twp. 32s Rge. 14w Co. Barber State Ks  
 Comment: \_\_\_\_\_ Release date / time: \_\_\_\_\_

Interval Tested 4770 - 4815 Initial Str Wt./Lbs. 55000 Unseated Str Wt./Lbs. 57000  
 Anchor Length 45' Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 60000  
 Top Packer Depth 4765 Tool Weight 2100  
 Bottom Packer Depth 4770 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓  
 Total Depth 4815 Wt. Pipe Run — Drill Collar Run 247  
 Mud Wt. 9.4 LCM — Vis. 55 WL 9.6 Drill Pipe Size 4 1/2" Ft. Run 4515  
 Blow Description IF: Strong blow. BOB in 4 min  
ISI: No blow  
FF: Strong blow. BOB in 5 min  
FSI: Fair blow.

Recovery - Total Feet	<del>360</del> GIP	420	Ft. in DC	Ft. in DP
Rec. <u>120</u>	Feet of <u>505 MW</u>		%gas	%oil <u>70</u> %water <u>30</u> %mud
Rec. <u>120</u>	Feet of <u>505 G54M</u>	<u>20</u>	%gas	%oil %water <u>80</u> %mud
Rec. <u>60</u>	Feet of <u>505 G54M</u>	<u>10</u>	%gas	%oil %water <u>90</u> %mud
Rec. <u>60</u>	Feet of <u>Mud</u>		%gas	%oil %water %mud
Rec. _____	Feet of _____		%gas	%oil %water %mud

BHT \_\_\_\_\_ °F Gravity \_\_\_\_\_ °API D @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
 RW .25 @ 58 °F Chlorides 34000 ppm Recovery \_\_\_\_\_ Chlorides 8000 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>2389</u> PSI	<u>6771</u>	<u>✓ 1200</u>
(B) First Initial Flow Pressure		<u>45</u> PSI	<u>4774</u>	Jars _____
(C) First Final Flow Pressure		<u>109</u> PSI	<u>13789</u>	Safety Jt. _____
(D) Initial Shut-In Pressure		<u>490</u> PSI	<u>4810</u>	Circ Sub _____
(E) Second Initial Flow Pressure		<u>114</u> PSI	<u>—</u>	Sampler _____
(F) Second Final Flow Pressure		<u>150</u> PSI	<u>—</u>	Straddle _____
(G) Final Shut-In Pressure		<u>480</u> PSI	<u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud		<u>2360</u> PSI	<u>60</u>	Shale Packer _____

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Approved By D Dunlock  
 Our Representative Zachary Stover

Initial Opening	<u>30</u>	Ext. Packer	_____
Initial Shut-In	<u>60</u>	Shale Packer	_____
Final Flow	<u>60</u>	Ruined Packer	_____
Final Shut-In	<u>120</u>	Mileage	<u>✓ 600</u>
T-On Location	<u>2:05</u>	Sub Total:	<u>1200</u>
T-Started	<u>3:08</u>	Std. By	_____
T-Open	<u>5:21</u>	Acc. Chg:	_____
T-Pulled	<u>9:51</u>	Other:	_____
T-Out	<u>12:09</u>	Total:	_____