

## DRILL STEM TEST REPORT

Prepared For: **Oil Producers inc,of Kansas.**

1710 Waterfront Parkway  
Wichita, KS 67206

ATTN: Paul Gerlach

**16-31S-17W Comanche**

**Griffin #2-16**

Start Date: 2005.05.29 @ 17:21:14

End Date: 2005.05.30 @ 03:26:14

Job Ticket #: 20705                      DST #: 1

**RECEIVED**  
**JUL 05 2006**  
**KCC WICHITA**

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE TESTING, INC**

### DRILL STEM TEST REPORT

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**16-31S-17W Comanche**

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Test Start: 2005.05.29 @ 17:21:14

**GENERAL INFORMATION:**

Formation: **Mississippian**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 19:47:59  
 Time Test Ended: 03:26:14  
 Interval: **5045.00 ft (KB) To 5090.00 ft (KB) (TVD)**  
 Total Depth: 5090.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole  
 Tester: Darren L. Amerine  
 Unit No: 30  
 Reference Elevations: 2088.00 ft (KB)  
 2083.00 ft (CF)  
 KB to GRVCF: 5.00 ft

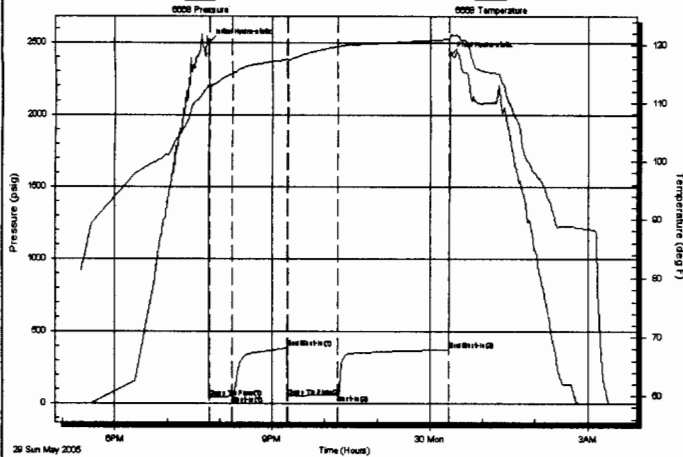
**Serial #: 6668**

Inside

Press@RunDepth: 63.67 psig @ 5055.00 ft (KB)  
 Start Date: 2005.05.29 End Date: 2005.05.30  
 Start Time: 17:21:15 End Time: 03:26:14  
 Capacity: 7000.00 psig  
 Last Calib.: 2005.05.30  
 Time On Btrr: 2005.05.29 @ 19:46:59  
 Time Off Btrr: 2005.05.30 @ 00:22:29

**TEST COMMENT:** F:Weak blow built to b.o.b in 19 mins.  
 IS:Bled down n for 2 mins.no blow back.  
 FF:Strong blow b.o.b in 30 sec.  
 FS:Bled down n for 5 mins.no blow back.

Pressure vs. Time



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2505.84	113.01	Initial Hydro-static
1	39.31	112.68	Open To Flow (1)
27	51.20	115.01	Shut-In(1)
90	385.99	117.49	End Shut-In(1)
91	44.45	117.39	Open To Flow (2)
148	63.67	119.69	Shut-In(2)
275	375.53	120.99	End Shut-In(2)
276	2413.34	121.42	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
0.00	2800' of gip	0.00
90.00	SGCM 10%gas 90%mud	0.44

**Gas Rates**

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



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TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Oil Producers inc,of Kansas.

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**16-31S-17W Comanche**

Job Ticket: 20705

**DST#: 1**

ATTN: Paul Gerlach

Test Start: 2005.05.29 @ 17:21:14

### Tool Information

Drill Pipe:	Length: 4787.15 ft	Diameter: 3.80 inches	Volume: 67.15 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: 244.85 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 68.35 bbl</u>	Tool Chased 1.50 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	5045.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	45.00 ft			
Tool Length:	74.00 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			5017.00	
Shut In Tool	5.00			5022.00	
Hydraulic tool	5.00			5027.00	
Jars	5.00			5032.00	
Safety Joint	3.00			5035.00	
Packer	5.00			5040.00	29.00 Bottom Of Top Packer
Packer	5.00			5045.00	
Stubb	1.00			5046.00	
Anchor	9.00			5055.00	
Recorder	0.00	6668	Inside	5055.00	
Blank Spacing	32.00			5087.00	
Recorder	0.00	13266	Outside	5087.00	
Bullnose	3.00			5090.00	45.00 Bottom Packers & Anchor

**Total Tool Length: 74.00**



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### DRILL STEM TEST REPORT

### FLUID SUMMARY

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**DST#: 1**

ATTN: Paul Gerlach

Test Start: 2005.05.29 @ 17:21:14

#### 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: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.98 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 1.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4600.00 ppm

Filter Cake: 0.32 inches

#### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	2800' of gip	0.000
90.00	SGCM 10% gas 90% mud	0.443

Total Length: 90.00 ft      Total Volume: 0.443 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6668

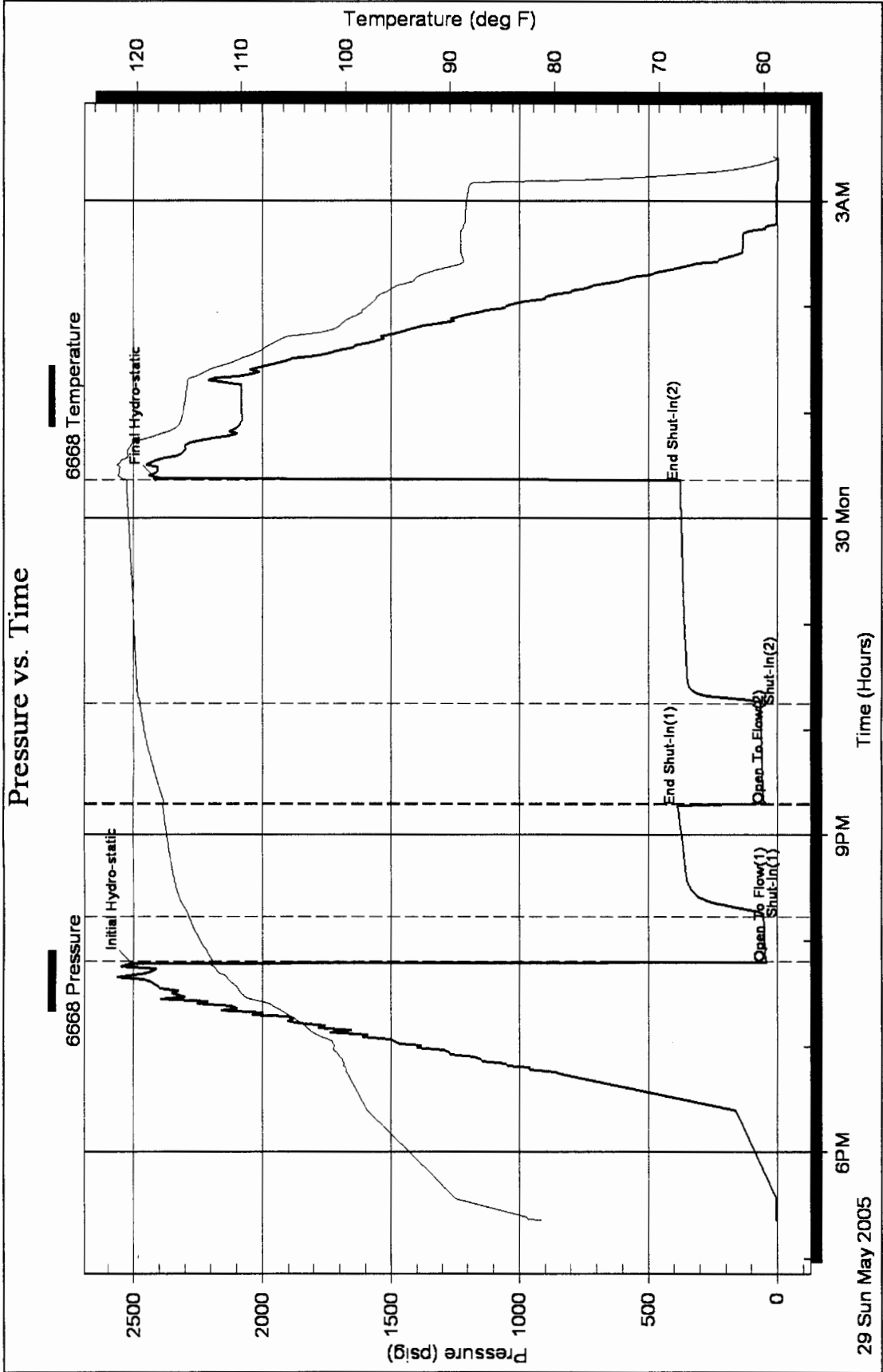
Inside

Oil Producers inc. of Kansas.

16-31S-17W Comanche

DST Test Number: 1

### Pressure vs. Time



29 Sun May 2005

6PM

9PM

Time (Hours)

30 Mon

3AM