

TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Oil Producers Inc. Of Kansas**

1710 Waterfront Parkway
Wichita, KS 67206

ATTN: Paul Gerlach

29-33-32 Seward W

Sally D #3

Start Date: 2005.09.30 @ 22:46:46

End Date: 2005.10.01 @ 14:23:41

Job Ticket #: 22552 DST #: 1

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KCC WICHITA

Trilobite Testing, Inc

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DRILL STEM TEST REPORT

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1710 Waterfront Parkway
Wichita, KS 67206

ATTN: Paul Gerlach

Sally D #3

29-33-32 Seward

Job Ticket: 22552

DST#: 1

Test Start: 2005.09.30 @ 22:46:46

GENERAL INFORMATION:

Formation: **Morrow Sand**

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

Time Tool Opened: 04:59:41

Time Test Ended: 14:23:41

Test Type: **Conventional Bottom Hole**

Tester: **Brandon Turley**

Unit No: **18**

Interval: **5658.00 ft (KB) To 5730.00 ft (KB) (TVD)**

Total Depth: **5730.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2659.00 ft (KB)**

2652.00 ft (CF)

KB to GR/CF: **7.00 ft**

Serial #: 6772 Inside

Press@RunDepth: **107.81 psig @ 5659.00 ft (KB)**

Start Date: **2005.09.30**

End Date:

2005.10.01

Capacity: **7000.00 psig**

Last Calib.: **1899.12.30**

Start Time: **22:46:46**

End Time:

14:23:41

Time On Btm: **2005.10.01 @ 04:57:40**

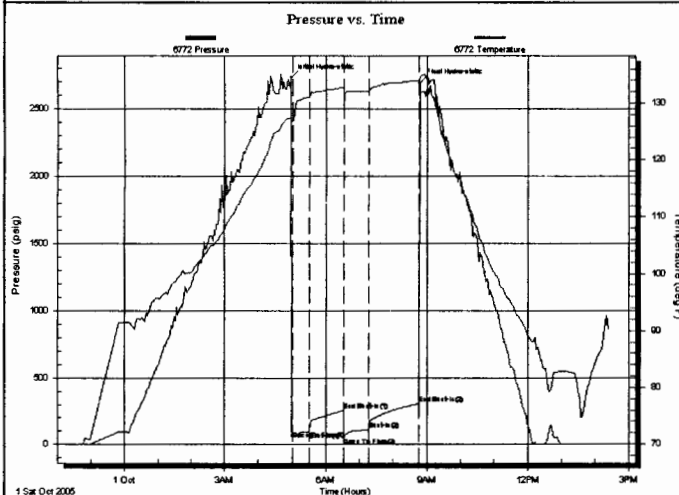
Time Off Btm: **2005.10.01 @ 08:46:41**

TEST COMMENT: IF: 1/4 blow BOB in 3 min. Gas to surface in 19 min.

IS: No return.

FF: BOB blow at open.

FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2731.96	127.50	Initial Hydro-static
3	40.68	126.86	Open To Flow (1)
34	96.77	131.06	Shut-In(1)
94	255.10	132.72	End Shut-In(1)
95	52.25	129.12	Open To Flow (2)
138	107.81	132.02	Shut-In(2)
228	304.58	133.89	End Shut-In(2)
230	2692.30	134.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
205.00	mud 100% m	1.28

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	3.10	6.14
Last Gas Rate	0.13	26.00	14.18
Max. Gas Rate	0.13	26.00	14.18



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TOOL DIAGRAM

Oil Producers Inc. Of Kansas

Sally D #3

1710 Waterfront Parkway
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Job Ticket: 22552

DST#: 1

ATTN: Paul Gerlach

Test Start: 2005.09.30 @ 22:46:46

Tool Information

Drill Pipe:	Length: 5458.00 ft	Diameter: 3.80 inches	Volume: 76.56 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: 30000.00 lb
Drill Collar:	Length: 175.00 ft	Diameter: 2.25 inches	Volume: 0.86 bbl	Weight to Pull Loose: 140000.0 lb
			Total Volume: 77.42 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	2.00 ft			String Weight: Initial 89000.00 lb
Depth to Top Packer:	5658.00 ft			Final 89000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	72.00 ft			
Tool Length:	99.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			5632.00	
Shut In Tool	5.00			5637.00	
Hydraulic tool	5.00			5642.00	
Jars	5.00			5647.00	
Safety Joint	2.00			5649.00	
Packer	5.00		Fluid	5654.00	27.00 Bottom Of Top Packer
Packer	4.00			5658.00	
Stubb	1.00			5659.00	
Recorder	0.00	6772	Inside	5659.00	
Perforations	3.00			5662.00	
Change Over Sub	1.00			5663.00	
Drill Pipe	61.00			5724.00	
Change Over Sub	1.00			5725.00	
Recorder	0.00	7437	Inside	5725.00	
Bullnose	5.00			5730.00	72.00 Bottom Packers & Anchor

Total Tool Length: 99.00



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FLUID SUMMARY

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Sally D #3

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29-33-32 Seward

Job Ticket: 22552

DST#: 1

ATTN: Paul Gerlach

Test Start: 2005.09.30 @ 22:46:46

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: 80.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.58 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
205.00	mud 100% _m	1.281

Total Length: 205.00 ft

Total Volume: 1.281 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



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GAS RATES

Oil Producers Inc. Of Kansas

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29-33-32 Seward

Job Ticket: 22552

DST#: 1

ATTN: Paul Gerlach

Test Start: 2005.09.30 @ 22:46:46

Gas Rates Information

Temperature: 130 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	25	0.13	3.10	6.14
1	25	0.13	3.10	6.14
1	30	0.13	3.10	6.14
2	10	0.13	20.00	12.08
2	15	0.13	22.00	12.78
2	20	0.13	24.00	13.48
2	25	0.13	25.00	13.83
2	30	0.13	25.00	13.83
2	35	0.13	26.00	14.18
2	40	0.13	26.00	14.18
2	45	0.13	26.00	14.18

Serial #: 6772

Inside

Oil Producers Inc. Of Kansas

29-33-32 Seward

DST Test Number: 1

