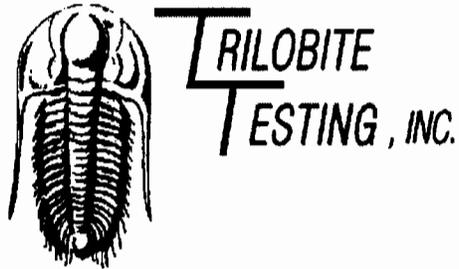


15-097-21539



DRILL STEM TEST REPORT

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

2400 N.Woodlawn Ste 230
Wichita, Kansas 67220

ATTN: Paul Gerlach

28-30S-17W

Booth #1-28

Start Date: 2004.05.18 @ 22:32:22

End Date: 2004.05.19 @ 10:43:07

Job Ticket #: 19023 DST #: 1

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Oil Producers Inc. of Kansas

Booth #1-28

2400 N.Woodlaw n Ste 230
Wichita, Kansas 67220

28-30S-17W

ATTN: Paul Gerlach

Job Ticket: 19023

DST#: 1

Test Start: 2004.05.18 @ 22:32:22

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:38:22

Time Test Ended: 10:43:07

Test Type: Conventional Bottom Hole

Tester: Darren L. Amerine

Unit No: 19

Interval: **4910.00 ft (KB) To 4990.00 ft (KB) (TVD)**

Reference Elevations: 2107.00 ft (KB)

Total Depth: 4990.00 ft (KB) (TVD)

2098.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: **6625**

Inside

Press@RunDepth: 947.83 psig @ 4912.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2004.05.18

End Date:

2004.05.19

Last Calib.:

2004.05.19

Start Time:

22:32:25

End Time:

10:43:07

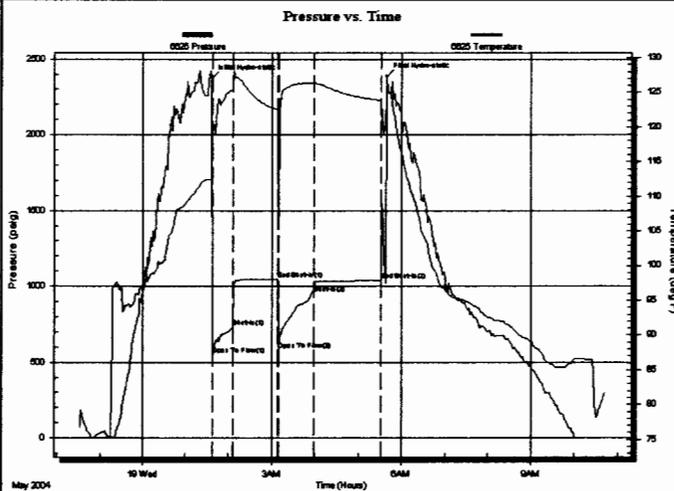
Time On Btm:

2004.05.19 @ 01:37:07

Time Off Btm:

2004.05.19 @ 05:39:22

TEST COMMENT: F: Strong blow b.o.b in 60 sec. GTS in 10 mins.
 IS: Bled down n 60 mins. w could not bled down.
 FF: Strong blow b.o.b in 10 sec. Gauge gas fluid to surface @ 45 mins.
 FS: Bled down n throughout shut in.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2374.48	112.51	Initial Hydro-static
2	549.71	117.89	Open To Flow (1)
30	731.58	125.36	Shut-In (1)
92	1045.73	122.47	End Shut-In (1)
93	578.07	105.63	Open To Flow (2)
142	947.83	126.16	Shut-In (2)
235	1036.24	123.82	End Shut-In (2)
243	2386.12	124.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	2751' of gip	0.00
2156.00	HG&OCMW 20% gas 10% oil 60% water	131.69 bbl

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.38	6.00	74.73
Last Gas Rate	0.38	30.00	162.65
Max. Gas Rate	0.38	30.00	162.65



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TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Oil Producers Inc. of Kansas

Booth #1-28

2400 N.Woodlaw n Ste 230
Wichita, Kansas 67220

28-30S-17W

Job Ticket: 19023

DST#: 1

ATTN: Paul Gerlach

Test Start: 2004.05.18 @ 22:32:22

Tool Information

Drill Pipe:	Length: 4907.00 ft	Diameter: 3.89 inches	Volume: 72.13 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 175000.0 lb
			<u>Total Volume: 72.13 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	4910.00 ft			Final 88000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	80.00 ft			
Tool Length:	108.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4887.00	
Hydraulic tool	5.00			4892.00	
Jars	5.00			4897.00	
Safety Joint	3.00			4900.00	
Packer	5.00			4905.00	28.00 Bottom Of Top Packer
Packer	5.00			4910.00	
Stubb	2.00			4912.00	
Recorder	0.00	6625	Inside	4912.00	
Anchor	12.00			4924.00	
Recorder	0.00	10991	Outside	4924.00	
Blank Spacing	63.00			4987.00	
Bullnose	3.00			4990.00	80.00 Bottom Packers & Anchor

Total Tool Length: 108.00

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DRILL STEM TEST REPORT

FLUID SUMMARY

Oil Producers Inc. of Kansas

Booth #1-28

2400 N.Woodlaw n Ste 230
Wichita, Kansas 67220

28-30S-17W

Job Ticket: 19023

DST#: 1

ATTN: Paul Gerlach

Test Start: 2004.05.18 @ 22:32:22

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: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 19.98 in³

Gas Cushion Type:

Resistivity: 1.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 0.32 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	2751' of gip	0.000
2156.00	HG&OCMW 20%gas 10%oil 60%water 10%r	31.693

Total Length: 2156.00 ft

Total Volume: 31.693 bbl

Num Fluid Samples: 1

Num Gas Bombs: 0

Serial #:

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Oil Producers Inc. of Kansas

Booth #1-28

2400 N.Woodlawn Ste 230
Wichita, Kansas 67220

28-30S-17W

Job Ticket: 19023

DST#: 1

ATTN: Paul Gerlach

Test Start: 2004.05.18 @ 22:32:22

Gas Rates Information

Temperature: 59 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	20	0.38	6.00	74.73
1	20	0.38	6.00	74.73
1	30	0.38	28.00	155.32
2	10	0.25	5.00	30.78
2	20	0.25	10.00	38.71
2	30	0.25	27.00	65.68
2	40	0.38	8.00	82.06
2	45	0.38	30.00	162.65

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Pressure vs. Time

