

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

1710 Waterfront Parkway
Wichita KS 67206

ATTN: Jon Christensen

19 28S 17W Kiowa KS

#1-19 Minor

Start Date: 2006.07.06 @ 18:15:23

End Date: 2006.07.07 @ 05:17:23

Job Ticket #: 25007 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Oil Producers Inc of Kansas

#1-19 Minor

19 28S 17W Kiowa KS

DST # 1

Pawnee

2006.07.06



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Oil Producers Inc of Kansas

#1-19 Minor

1710 Waterfront Parkway
Wichita KS 67206

19 28S 17W Kiowa KS

ATTN: Jon Christensen

Job Ticket: 25007

DST#: 1

Test Start: 2006.07.06 @ 18:15:23

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:12:53

Time Test Ended: 05:17:23

Test Type: Conventional Bottom Hole

Tester: John Colavito

Unit No: 19

Interval: **4726.00 ft (KB) To 4745.00 ft (KB) (TVD)**

Total Depth: 4745.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2212.00 ft (KB)

2207.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6752 Inside

Press@RunDepth: 139.90 psig @ 4727.00 ft (KB)

Start Date: 2006.07.06

End Date:

2006.07.07

Capacity: 7000.00 psig

Last Calib.: 2006.07.07

Start Time: 18:15:25

End Time:

05:17:23

Time On Btm: 2006.07.06 @ 21:11:38

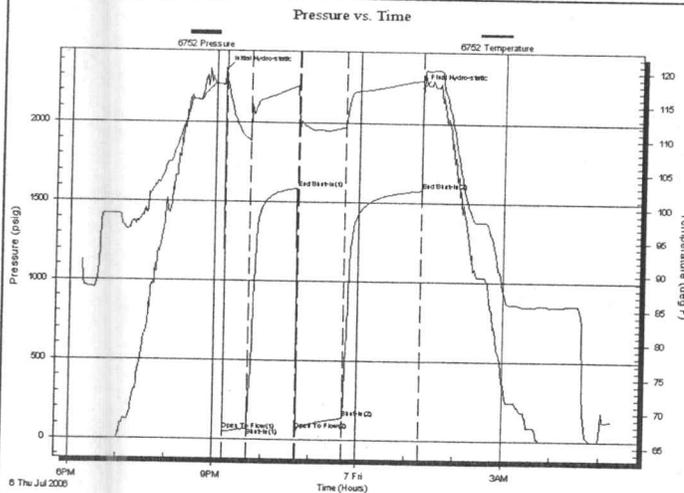
Time Off Btm: 2006.07.07 @ 01:17:53

TEST COMMENT: IF Strong blow BOB in 30 sec GTS in 12 min (See gas flow chart)

ISI Blow back Built to 3 in

FF Strong blow BOB in 5 sec GTS (See gas flow chart) (Caught gas sample)

FF Weak blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2336.49	118.29	Initial Hydro-static
2	52.94	118.64	Open To Flow (1)
32	71.61	109.73	Shut-In (1)
91	1589.19	117.86	End Shut-In (1)
92	61.05	111.22	Open To Flow (2)
151	139.90	111.77	Shut-In (2)
246	1579.28	118.80	End Shut-In (2)
247	2230.78	119.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
420.00	Gassy Oil 45%O 45%G 10%M	3.61
180.00	GOCM 40%G 10%O 50%M	2.52
0.00	4145' GIP	0.00
0.00		0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	3.00	27.60
Last Gas Rate	0.25	16.50	49.02
Max. Gas Rate	0.25	16.50	49.02



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TOOL DIAGRAM

Oil Producers Inc of Kansas

#1-19 Minor

1710 Waterfront Parkway
Wichita KS 67206

19 28S 17W Kiowa KS

Job Ticket: 25007

DST#: 1

ATTN: Jon Christensen

Test Start: 2006.07.06 @ 18:15:23

Tool Information

Drill Pipe:	Length: 4482.00 ft	Diameter: 3.80 inches	Volume: 62.87 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: 250.00 ft	Diameter: 2.25 inches	Volume: 1.23 bbl	Weight to Pull Loose: 74000.00 lb
			<u>Total Volume: 64.10 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4726.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	19.00 ft			
Tool Length:	42.00 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			4708.00	
Hydraulic tool	5.00			4713.00	
Safety Joint	3.00			4716.00	
Packer	5.00			4721.00	23.00 Bottom Of Top Packer
Packer	5.00			4726.00	
Stubb	1.00			4727.00	
Recorder	0.00	6752	Inside	4727.00	
Perforations	15.00			4742.00	
Recorder	0.00	6074	Outside	4742.00	
Bullnose	3.00			4745.00	19.00 Bottom Packers & Anchor
Total Tool Length:	42.00				



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DRILL STEM TEST REPORT

FLUID SUMMARY

Oil Producers Inc of Kansas

#1-19 Minor

1710 Waterfront Parkway
Wichita KS 67206

19 28S 17W Kiowa KS

Job Ticket: 25007

DST#: 1

ATTN: Jon Christensen

Test Start: 2006.07.06 @ 18:15:23

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.37 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4600.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
420.00	Gassy Oil 45%O 45%G 10%M	3.614
180.00	GOCM 40%G 10%O 50%M	2.525
0.00	4145' GIP	0.000
0.00		0.000

Total Length: 600.00 ft

Total Volume: 6.139 bbl

Num Fluid Samples: 1

Num Gas Bombs: 1

Serial #: J-C1

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



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GAS RATES

Oil Producers Inc of Kansas

#1-19 Minor

1710 Waterfront Parkway
Wichita KS 67206

19 28S 17W Kiowa KS

Job Ticket: 25007

DST#: 1

ATTN: Jon Christensen

Test Start: 2006.07.06 @ 18:15:23

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	0.25	3.00	27.60
1	20	0.25	3.00	27.60
1	30	0.25	7.00	33.95
2	10	0.25	11.00	40.30
2	20	0.25	13.50	44.26
2	30	0.25	15.50	47.43
2	40	0.25	16.50	49.02
2	50	0.25	16.50	49.02

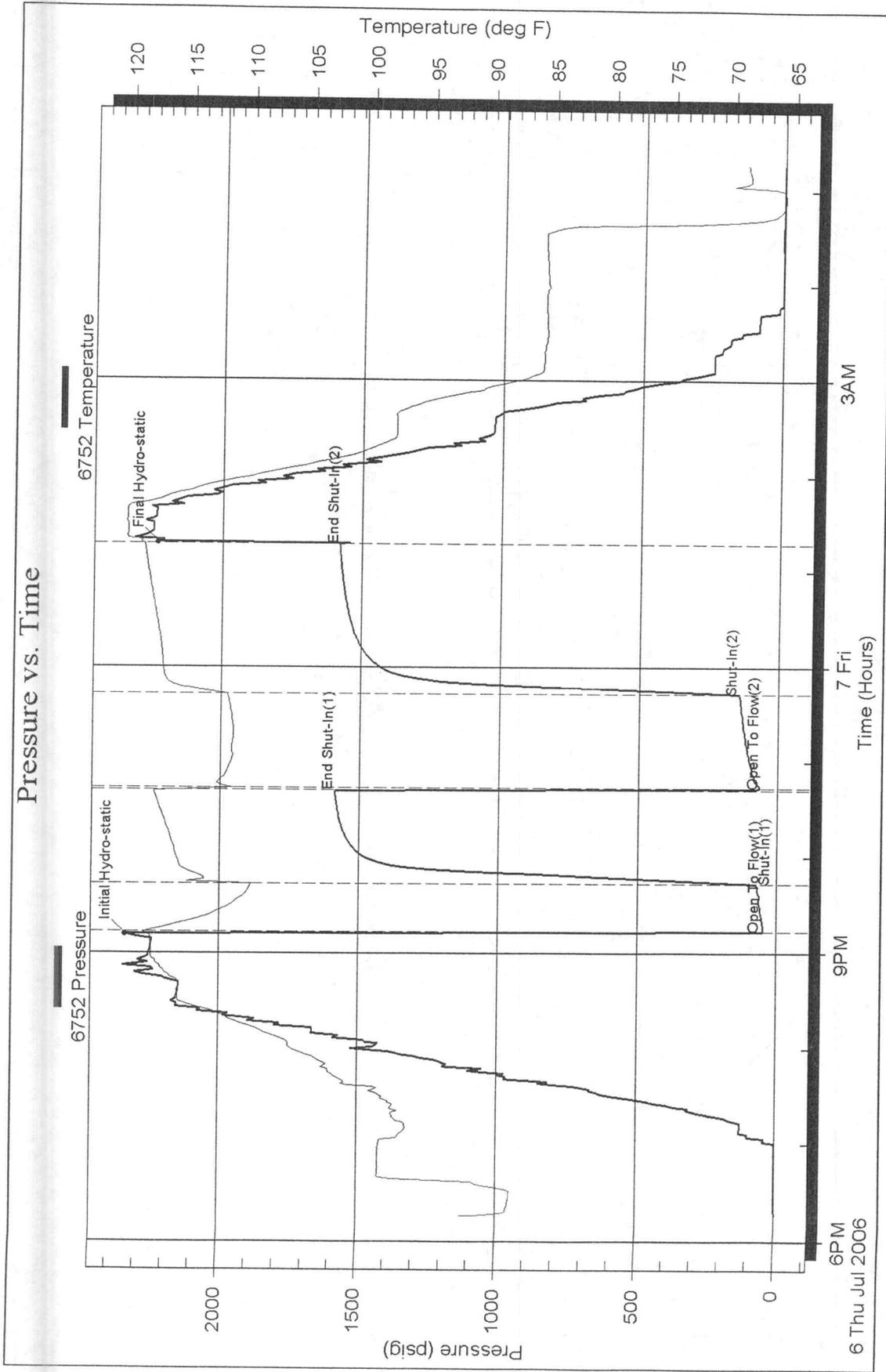
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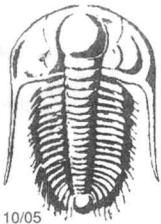
Inside

Oil Producers Inc of Kansas

19 28S 17W Kiowa KS

DST Test Number: 1





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

8979

25007

Test Ticket

Well Name & No. #1-19 Minor Test No. 1 Date 7-06-06
 Company Oil Producers, Inc. of Kansas Zone Tested Parhee
 Address 1710 Waterfront Parkway Wichita KS Elevation 2212 KB 2207 GL
 Co. Rep / Geo. Den Christensen Rig 67206 MALLARD rig #2
 Location: Sec. 19 Twp. 28S Rge. 17W Co. Kiowa State KS
 Comment: _____ Release date / time: _____

Interval Tested 4726-4745 Initial Str Wt./Lbs. 62000 Unseated Str Wt./Lbs. 63000
 Anchor Length 19 Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 74000
 Top Packer Depth 4721 Tool Weight 2100
 Bottom Packer Depth 4726 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 4745 Wt. Pipe Run 2 Drill Collar Run 250
 Mud Wt. 9.3 LCM 0 Vis. 50 WL 10.4 Drill Pipe Size 4 1/2 XH Ft. Run 4482
 Blow Description FF: Strong blow. B.O.B. in 30 secs. GTS in 12 mins. (See gas flow chart.)
FSI: Blow built to 3in.
FF: Strong blow. B.O.B. in 5 secs. GTS. (See gas flow chart.) (caught Gas sample.)
FSI: weak blow back.

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>4745</u>	<u>4145</u>	<u>250</u>	<u>350</u>
Rec. <u>420</u>	Feet of <u>Gas & oil</u>	<u>60</u> %gas <u>30</u> %oil	%water <u>10</u> %mud
Rec. <u>420</u>	Feet of <u>Gas & Oil</u>	<u>45</u> %gas <u>45</u> %oil	%water <u>10</u> %mud
Rec. <u>180</u>	Feet of <u>GOCM</u>	<u>40</u> %gas <u>10</u> %oil	%water <u>50</u> %mud
Rec. _____	Feet of _____	%gas _____ %oil _____	%water _____ %mud _____
Rec. _____	Feet of _____	%gas _____ %oil _____	%water _____ %mud _____
BHT <u>118.8</u>	*F Gravity <u>39</u>	*API D @ <u>69</u>	*F Corrected Gravity <u>38</u> *API _____
RW <u>NIC</u>	@ _____ *F _____	Chlorides _____ ppm Recovery _____	Chlorides <u>4600</u> ppm System _____

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2336</u>	PSI	<u>6752</u>	✓ <u>1100</u>
(B) First Initial Flow Pressure	<u>53</u>	PSI	<u>4727</u>	Jars <u>NIC</u>
(C) First Final Flow Pressure	<u>72</u>	PSI	_____	Safety Jt. ✓ <u>75</u>
(D) Initial Shut-In Pressure	<u>1589</u>	PSI	_____	Circ Sub <u>NIC</u>
(E) Second Initial Flow Pressure	<u>61</u>	PSI	<u>6074</u>	Sampler <u>NIC</u>
(F) Second Final Flow Pressure	<u>140</u>	PSI	<u>4742</u>	Straddle <u>NIC</u>
(G) Final Shut-In Pressure	<u>1579</u>	PSI	<u>2113</u>	Ext. Packer <u>NIC</u>
(Q) Final Hydrostatic Mud	<u>2251</u>	PSI	<u>2143</u>	Shale Packer <u>NIC</u>

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Approved By [Signature]
 Our Representative [Signature]

Initial Opening	<u>2113</u>
Initial Shut-In	<u>2143</u>
Final Flow	<u>2243</u>
Final Shut-In	<u>2342</u>
T-On Location	<u>11000</u>
T-Started	<u>1815</u>
T-Open	<u>2113</u>
T-Pulled	<u>0119</u>
T-Out	<u>0517</u>
Mileage	<u>60 mi 75</u>
Sub Total:	<u>1250</u>
Std. By	<u>4.25 200</u>
Acc. Chg:	<u>18.75</u>
Other:	_____
Total:	<u>1468.75</u>

Thank you

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.

Oil Producers, Inc. of Kansas
#1-29 Minor
DST 1 6074

