



DRILL STEM TEST REPORT

Prepared For: **Oil Producers**

1710 Waterfront Parkway
Wichita KS 67206

ATTN: Paul Gerlach

16 34 14 Barber KS

Piersall #1-16

Start Date: 2006.11.18 @ 00:19:22

End Date: 2006.11.18 @ 09:03:37

Job Ticket #: 25877 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Oil Producers

1710 Waterfront Parkway
Wichita KS 67206

ATTN: Paul Gerlach

Piersall #1-16

16 34 14 Barber KS

Job Ticket: 25877

DST#: 1

Test Start: 2006.11.18 @ 00:19:22

GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:21:07

Time Test Ended: 09:03:37

Test Type: Conventional Bottom Hole

Tester: Travy Cushenbery

Unit No: 30

Interval: **4762.00 ft (KB) To 4810.00 ft (KB) (TVD)**

Total Depth: 4810.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1590.00 ft (KB)

1585.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6668

Inside

Press@RunDepth: 31.18 psig @ 4762.00 ft (KB)

Start Date: 2006.11.18

End Date:

2006.11.18

Capacity: 7000.00 psig

Last Calib.: 2006.11.18

Start Time: 00:19:27

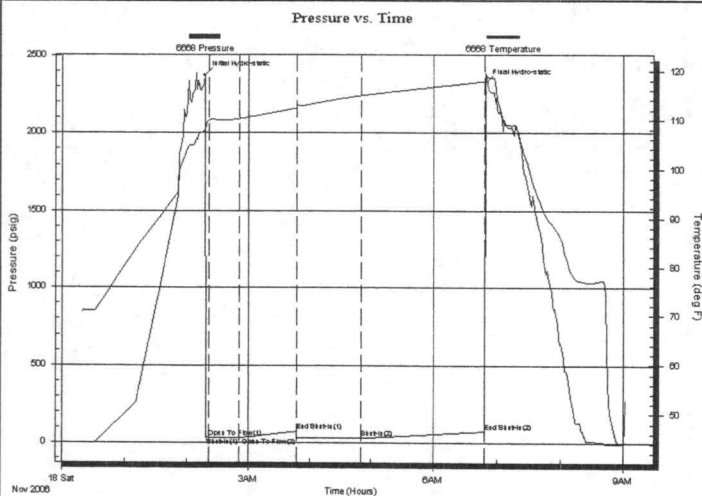
End Time:

09:03:37

Time On Btm: 2006.11.18 @ 02:17:37

Time Off Btm: 2006.11.18 @ 06:48:37

TEST COMMENT: IF Weak blow Building to 3 " in 30 mins.
ISI Bled off No blow back
FF Weak blow Building to 1 " in 60 mins.
FSI Bled off No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2372.60	108.17	Initial Hydro-static
4	32.83	109.92	Open To Flow (1)
34	33.19	110.23	Shut-In (1)
90	74.08	112.38	End Shut-In (1)
91	29.34	112.63	Open To Flow (2)
154	31.18	114.97	Shut-In (2)
271	75.76	117.89	End Shut-In (2)
271	2325.70	118.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	Drilling Mud 100%M	0.30

Gas Rates

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

Oil Producers

Piersall #1-16

1710 Waterfront Parkway
Wichita KS 67206

16 34 14 Barber KS

Job Ticket: 25877

DST#: 1

ATTN: Paul Gerlach

Test Start: 2006.11.18 @ 00:19:22

Tool Information

Drill Pipe:	Length: 4505.00 ft	Diameter: 3.80 inches	Volume: 63.19 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: 249.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose:	65000.00 lb
		Total Volume:	64.41 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	60000.00 lb
Depth to Top Packer:	4762.00 ft			Final	60000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	47.00 ft				
Tool Length:	75.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4739.00	
Hydraulic tool	5.00			4744.00	
Jars	5.00			4749.00	
Safety Joint	3.00			4752.00	
Packer	5.00			4757.00	28.00 Bottom Of Top Packer
Packer	5.00			4762.00	
Recorder	0.00	6668	Inside	4762.00	
Perforations	8.00			4770.00	
Change Over Sub	0.50			4770.50	
Drill Pipe	30.00			4800.50	
Change Over Sub	0.50			4801.00	
Perforations	5.00			4806.00	
Recorder	0.00	13266	Outside	4806.00	
Bullnose	3.00			4809.00	47.00 Bottom Packers & Anchor

Total Tool Length: 75.00



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FLUID SUMMARY

Oil Producers

Piersall #1-16

1710 Waterfront Parkway
Wichita KS 67206

16 34 14 Barber KS

Job Ticket: 25877

DST#: 1

ATTN: Paul Gerlach

Test Start: 2006.11.18 @ 00:19:22

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: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	Drilling Mud 100%M	0.305

Total Length: 62.00 ft

Total Volume: 0.305 bbl

Num Fluid Samples: 0

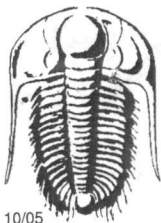
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

25877

Test Ticket

Well Name & No. Pierdell #1-116 Test No. #1 Date 11-17-06
 Company Oil Producers Zone Tested Miss.
 Address 1710 Waterfront Parkway Wichita, KS 67206 Elevation 1590' KB 1585' GL
 Co. Rep / Geo. Paul Gerlach Rig Mallard Rig
 Location: Sec. 116 Twp. 34s Rge. 14w Co. Barber State KS
 Comment: _____ Release date / time: _____

Interval Tested 4762' - 4810' Initial Str Wt./Lbs. 60,000 Unseated Str Wt./Lbs. 60,000
 Anchor Length _____ Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 15,000
 Top Packer Depth _____ Tool Weight 2,100 lbs
 Bottom Packer Depth _____ Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 4810' Wt. Pipe Run None Drill Collar Run 249'
 Mud Wt. 9.0 LCM 2 Vis. 48 WL 12 Drill Pipe Size 4 1/2 XH Ft. Run 4505'

Blow Description IF: Weak flow. Building to 3" in 30 mins.

ISI: Bled off. No blow back.

FF: Weak flow. Building to 1" in 60 mins.

FSI: Bled off. No blow back.

Recovery - Total Feet 62 GIP None Ft. in DC 62 Ft. in DP 0
 Rec. 62 Feet of Drilling Mud %gas _____ %oil _____ %water 100 %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 118 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 5,500 ppm System

(A) Initial Hydrostatic Mud	AK-1	Alpine	2374	PSI	Recorder No.	66664	Test	✓	1200
(B) First Initial Flow Pressure			33	PSI	(depth)	4762	Jars	✓	250
(C) First Final Flow Pressure			33	PSI	Recorder No.	13266	Safety Jt.	✓	75
(D) Initial Shut-In Pressure			74	PSI	(depth)	4806'	Circ Sub		
(E) Second Initial Flow Pressure			29	PSI	Recorder No.	—	Sampler		
(F) Second Final Flow Pressure			23	PSI	(depth)	—	Straddle		
(G) Final Shut-In Pressure			76	PSI	Initial Opening	30 mins	Ext. Packer		
(Q) Final Hydrostatic Mud			2326	PSI	Initial Shut-In	60 mins	Shale Packer		
					Final Flow	60 mins	Ruined Packer		180
					Final Shut-In	120 mins	Mileage	✓	144 miles
					T-On Location	23:00	Sub Total:		
					T-Started	00:19	Std. By	hr	100
					T-Open	02:21	Acc. Chg:		
					T-Pulled	01:51	Other:		
					T-Out	09:03	Total:		1805

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Approved By Paul Gerlach
 Our Representative Tracy Lushenbery

CHART PAGE

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

TK # 25877
Pieral #1-16
Oil Produced

