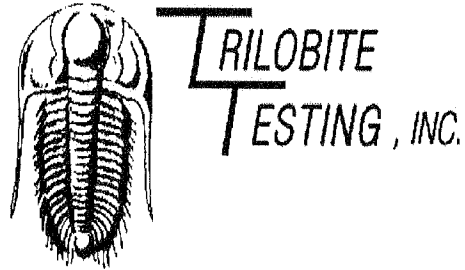


15-171-20568

12-18s-32w



DRILL STEM TEST REPORT

Prepared For: **Wabash Energy Corp.**

PO Box 595
Lawrenceville, IL 62439

ATTN: Wabash Energy Corp.

12-18s-32w Scott,Ks

Schowalter #6

Start Date: 2002.03.27 @ 00:43:50

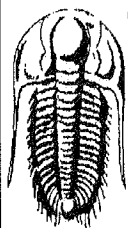
End Date: 2002.03.27 @ 08:06:49

Job Ticket #: 15079 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Wabash Energy Corp.

PO Box 595
Lawrenceville, IL 62439

ATTN: Wabash Energy Corp.

Schowalter #6

12-18s-32w Scott, Ks

Job Ticket: 15079

DST#: 1

Test Start: 2002.03.27 @ 00:43:50

GENERAL INFORMATION:

Formation: **cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:10:19

Time Test Ended: 08:06:49

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 15

Interval: **4528.00 ft (KB) To 4555.00 ft (KB) (TVD)**

Total Depth: 4555.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2975.00 ft (KB)

2968.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 3227

Press@RunDepth: 17.94 psig @ 4529.00 ft (KB)

Start Date: 2002.03.27

End Date:

2002.03.27

Start Time: 00:43:50

End Time:

08:06:49

Capacity: 7000.00 psig

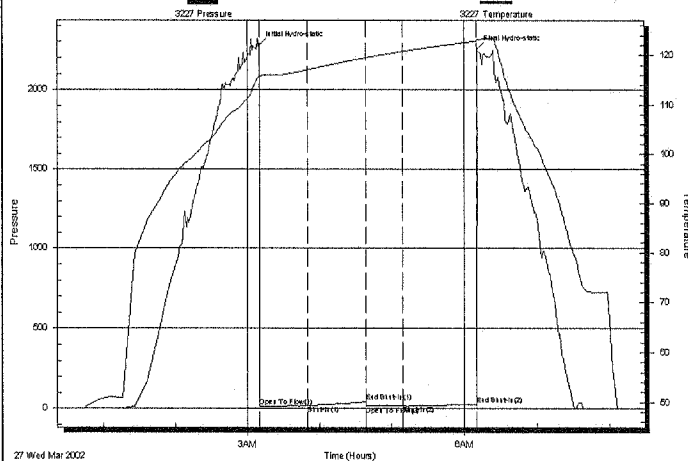
Last Calib.: 1899.12.30

Time On Btm: 2002.03.27 @ 03:09:49

Time Off Btm: 2002.03.27 @ 06:10:49

TEST COMMENT: Weak 1/4" in. blow
No return
Weak surface blow
No return

Pressure vs. Time



PRESSURE SUMMARY

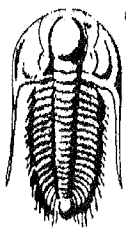
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2277.93	115.69	Initial Hydro-static
1	15.71	115.64	Open To Flow (1)
40	19.88	117.04	Shut-In (1)
89	43.45	119.45	End Shut-In (1)
89	17.40	119.47	Open To Flow (2)
119	17.94	120.73	Shut-In (2)
180	27.83	122.81	End Shut-In (2)
181	2256.70	123.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
		0.01

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Wabash Energy Corp.

Schowalter #6

PO Box 595
Lawrenceville, IL 62439

12-18s-32w Scott, Ks

Job Ticket: 15079

DST#: 1

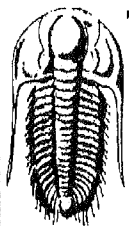
ATTN: Wabash Energy Corp.

Test Start: 2002.03.27 @ 00:43:50

Tool Information

Drill Pipe:	Length: 4529.00 ft	Diameter: 3.80 inches	Volume: 63.53 bbl	Tool Weight: 1500.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
			Total Volume: 63.53 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4528.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	27.00 ft			
Tool Length:	47.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4509.00	
S.I. Tool	5.00			4514.00	
HMV	5.00			4519.00	
Packer	5.00			4524.00	20.00 Bottom Of Top Packer
Packer	4.00			4528.00	
Stubb	1.00			4529.00	
Recorder	0.00	3227		4529.00	
Perforations	21.00			4550.00	
Recorder	0.00	11057		4550.00	
Bullnose	5.00			4555.00	27.00 Bottom Packers & Anchor
Total Tool Length:	47.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Wabash Energy Corp.

Schowalter #6

PO Box 595
Lawrenceville, IL 62439

12-18s-32w Scott, Ks

Job Ticket: 15079

DST#: 1

ATTN: Wabash Energy Corp.

Test Start: 2002.03.27 @ 00:43:50

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: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
		0.014

Total Length:

ft

Total Volume:

0.014 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

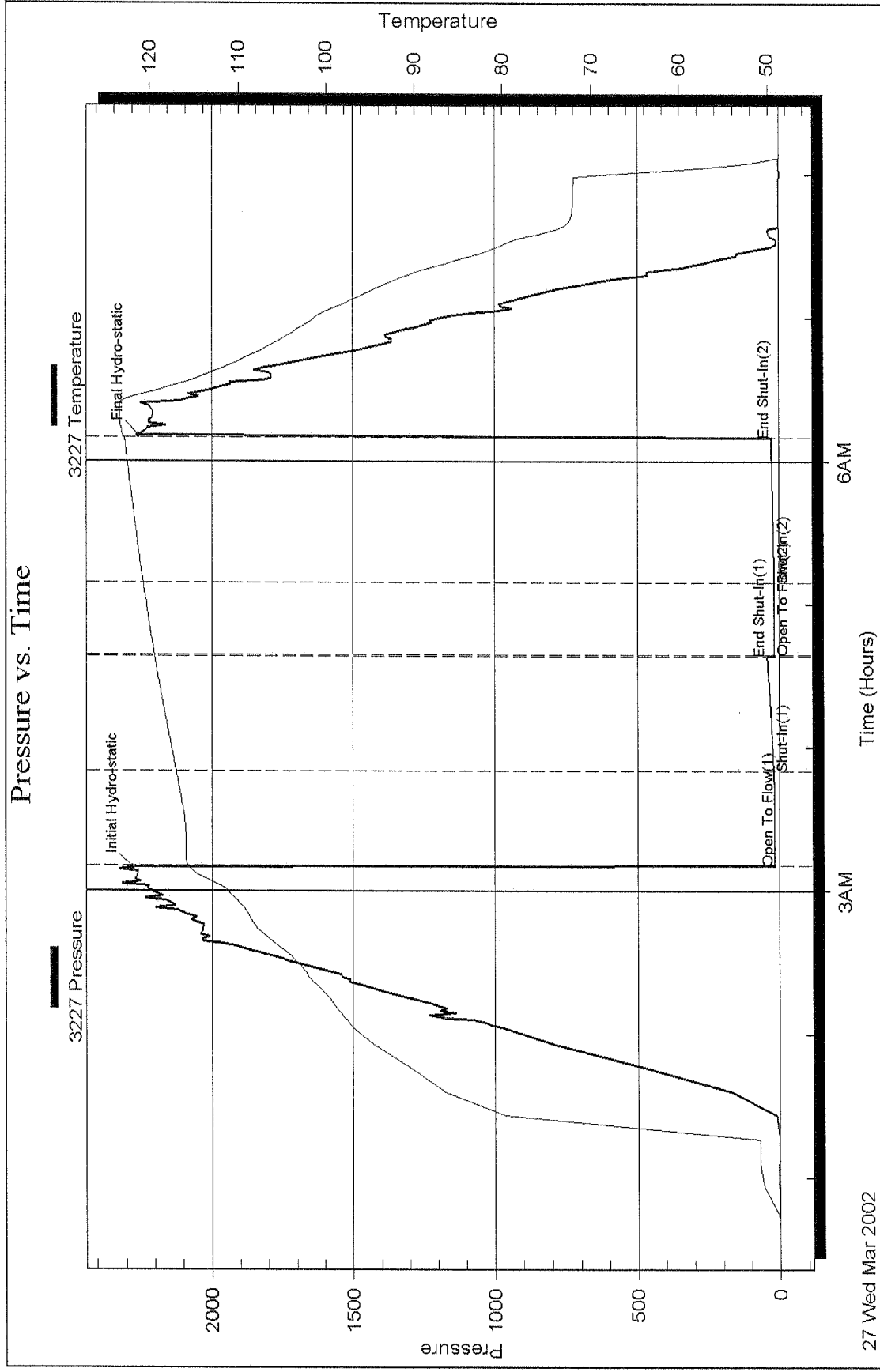
Recovery Comments:

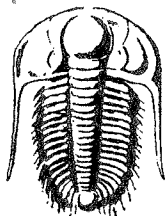
Serial #: 3227

Wabash Energy Corp.

12-18s-32w Scott, Ks

DST Test Number: 1





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 15079

Test Ticket

Well Name & No. <u>Schwalter #6</u>	Test No. <u>#1</u>	Date <u>3-26-02</u>
Company <u>Wabash Energy Corp.</u>	Zone Tested <u>Cherokee</u>	
Address <u>P.O. Box 595, Lawrenceville, IL 62439</u>	Elevation <u>2975</u> KB <u>2768</u> GL	
Co. Rep / Geo. <u>Larry Whitmer / Frank Mize Cont.</u>	Dis # <u>1</u>	Est. Ft. of Pay <u> </u> Por. <u> </u> %
Location: Sec. <u>12</u> Twp. <u>18</u> Rge. <u>32</u>	Co. <u>Scott</u> State <u>Ks</u>	
No. of Copies <u>Norm</u> Distribution Sheet (Y, N) <u> </u>	Turnkey (Y, N) <u> </u>	Evaluation (Y, N) <u> </u>

Interval Tested <u>4528</u>	<u>4555</u>	Initial Str Wt./Lbs. <u>52,000</u>	Unseated Str Wt./Lbs. <u>52,000</u>
Anchor Length <u>27</u>		Wt. Set Lbs. <u>30,000</u>	Wt. Pulled Loose/Lbs. <u>65,000</u>
Top Packer Depth <u>4523</u>		Tool Weight <u>1500</u>	
Bottom Packer Depth <u>4528</u>		Hole Size — 7 7/8" ☒	Rubber Size — 6 3/4" ☒
Total Depth <u>4555</u>		Wt. Pipe Run <u> </u>	Drill Collar Run <u> </u>
Mud Wt. <u>9.3</u> LCM <u>#2</u> Vis. <u>54</u> WL <u>8.0</u>		Drill Pipe Size <u>4 1/2 X 4</u>	Ft. Run <u> </u>
Blow Description <u>weak 1/4" in blow</u>			
<u>No return</u>			
<u>Weak Surface blow</u>			
<u>No return</u>			

Recovery — Total Feet <u>1'</u>	GIP <u> </u>	Ft. in DC <u> </u>	Ft. in DP <u>1'</u>
Rec. <u>1'</u>	Feet Of <u>Drilling Mud</u>	%gas <u> </u>	%oil <u> </u>
Rec. <u> </u>	Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>
Rec. <u> </u>	Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>
Rec. <u> </u>	Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>
Rec. <u> </u>	Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>
BHT <u>123°</u>	°F Gravity <u> </u>	°API D@ <u> </u>	°F Corrected Gravity <u> </u>
RW <u> </u>	@ <u> </u>	°F Chlorides <u> </u>	ppm Recovery Chlorides <u>2000</u> ppm System

(A) Initial Hydrostatic Mud	AK-1 <u>2273</u>	Alpine	PSI Recorder No. <u>3227</u>	T-On Location <u>22:00 p.m.</u>
(B) First Initial Flow Pressure	<u>15</u>	PSI	(depth) <u>4529'</u>	T-Started <u>23:20 p.m.</u>
(C) First Final Flow Pressure	<u>19</u>	PSI	Recorder No. <u>11057</u>	T-Open <u>1:42 a.m.</u>
(D) Initial Shut-In Pressure	<u>43</u>	PSI	(depth) <u>4550'</u>	T-Pulled <u>4:42 a.m.</u>
(E) Second Initial Flow Pressure	<u>17</u>	PSI	Recorder No. <u> </u>	T-Out <u>6:45 a.m.</u>
(F) Second Final Flow Pressure	<u>17</u>	PSI	(depth) <u> </u>	T-Off Location <u>7:30 a.m.</u>
(G) Final Shut-in Pressure	<u>27</u>	PSI	Initial Opening <u>30</u>	Test X <u>800</u>
(Q) Final Hydrostatic Mud	<u>2256</u>	PSI	Initial Shut-in <u>60</u>	Jars <u> </u>

Final Flow 30 Safety Joint
Final Shut-in 60 Straddle

TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

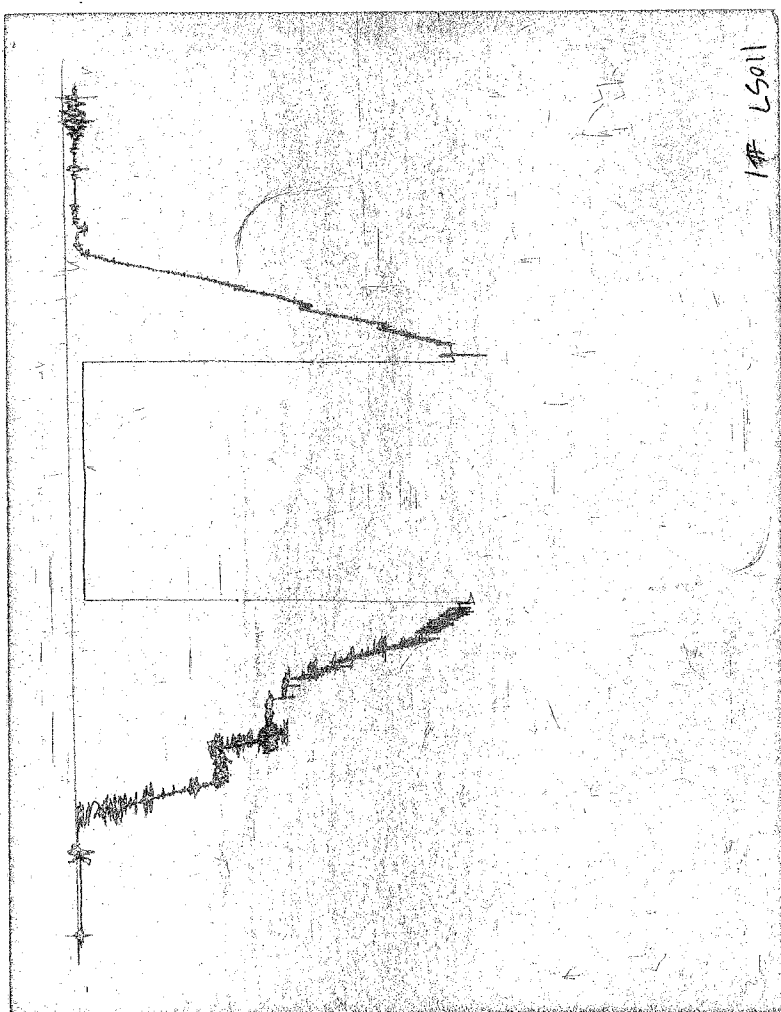
Approved By [Signature]

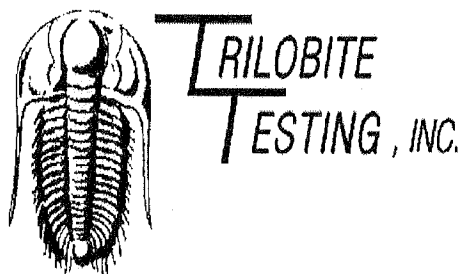
Our Representative [Signature]

Circ. Sub x n/c
Sampler
Extra Packer
Elec. Rec. 150
Mileage 2 way
Other
TOTAL PRICE \$ 957

CHART PAGE

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





DRILL STEM TEST REPORT

Prepared For: **Wabash Energy Corp.**

PO Box 595
Lawrenceville, IL 62439

ATTN: Wabash Energy Corp.

12-18s-32w Scott,Ks

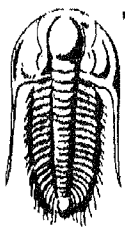
Schowalter #6

Start Date: 2002.03.28 @ 01:48:56

End Date: 2002.03.28 @ 09:40:25

Job Ticket #: 15080 DST #: 2

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Wabash Energy Corp.

PO Box 595
Lawrenceville, IL 62439

ATTN: Wabash Energy Corp.

Schowalter #6

12-18s-32w Scott, Ks

Job Ticket: 15080

DST#: 2

Test Start: 2002.03.28 @ 01:48:56

GENERAL INFORMATION:

Formation: **cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:46:55

Time Test Ended: 09:40:25

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 15

Interval: **4548.00 ft (KB) To 4568.00 ft (KB) (TVD)**

Total Depth: 4615.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2975.00 ft (KB)

2968.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 3227

Press@RunDepth: 83.39 psig @ ft (KB)

Start Date: 2002.03.28

End Date: 2002.03.28

Start Time: 01:48:56

End Time: 09:40:25

Capacity: 7000.00 psig

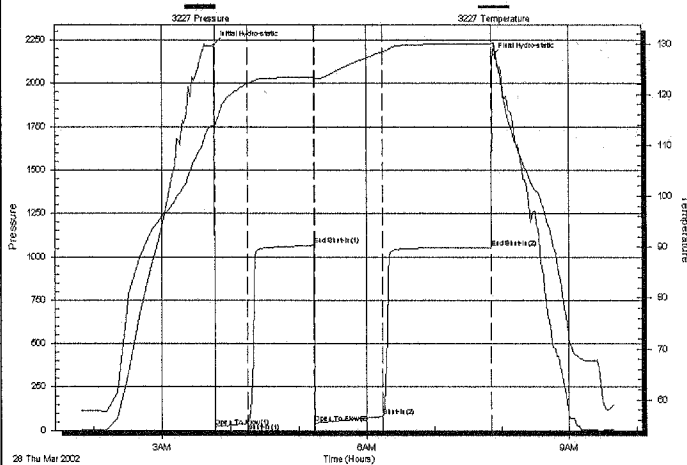
Last Calib.: 1899.12.30

Time On Btm: 2002.03.28 @ 03:46:25

Time Off Btm: 2002.03.28 @ 07:51:25

TEST COMMENT: 1/4" in. @ open built to 10" in.
surface return in 5 min, died in 20 min.
B.O.B. in 38 min.
surface return in 5 min.

Pressure vs. Time



PRESSURE SUMMARY

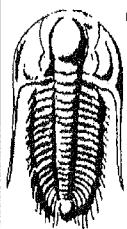
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2219.69	113.95	Initial Hydro-static
1	19.44	113.80	Open To Flow (1)
29	40.65	122.08	Shut-In(1)
87	1067.68	123.43	End Shut-In(1)
88	41.65	123.30	Open To Flow (2)
148	83.39	128.33	Shut-In(2)
245	1054.24	129.98	End Shut-In(2)
245	2155.98	130.09	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	c g o 25g 75o	1.40
30.00	smcgo 20m 20g 60o	0.42
30.00	o c g m 20o 15g 65m	0.42

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
--	----------------	-----------------	------------------



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Wabash Energy Corp.

Schowalter #6

PO Box 595
Lawrenceville, IL 62439

12-18s-32w Scott, Ks

Job Ticket: 15080

DST#: 2

ATTN: Wabash Energy Corp.

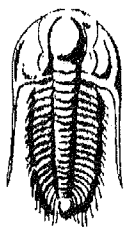
Test Start: 2002.03.28 @ 01:48:56

Tool Information

Drill Pipe:	Length:	4559.00 ft	Diameter:	3.80 inches	Volume:	63.95 bbl	Tool Weight:	1500.00 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:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:	66000.00 lb
					Total Volume:	63.95 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		31.00 ft					String Weight: Initial	52000.00 lb
Depth to Top Packer:		4548.00 ft					Final	54000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		67.00 ft						
Tool Length:		87.00 ft						
Number of Packers:		3	Diameter:	6.75 inches				
Tool Comments:								

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4529.00	
S.I. Tool	5.00			4534.00	
HMV	5.00			4539.00	
Packer	5.00			4544.00	20.00 Bottom Of Top Packer
Packer	4.00			4548.00	
Stubb	1.00			4549.00	
Recorder	0.00	3227		4549.00	
Perforations	15.00			4564.00	
Blank Off Sub	1.00			4565.00	67.00 Tool Interval
Packer	3.00			4568.00	
Stubb	1.00			4569.00	
Anchor	8.00			4577.00	
C.O. Sub	1.00			4578.00	
drillpipe	31.00			4609.00	
C.O. Sub	1.00			4610.00	
Recorder	0.00	11057		4610.00	
Bullnose	5.00			4615.00	1000086.00 Bottom Packers & Anchor
Total Tool Length:	87.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Wabash Energy Corp.

Schowalter #6

PO Box 595
Lawrenceville, IL 62439

12-18s-32w Scott, Ks

Job Ticket: 15080

DST#: 2

ATTN: Wabash Energy Corp.

Test Start: 2002.03.28 @ 01:48:56

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:

bbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
100.00	c g o 25g 75o	1.403
30.00	smcgo 20m 20g 60o	0.421
30.00	o c g m 20o 15g 65m	0.421

Total Length: 160.00 ft

Total Volume: 2.245 bbl

Num Fluid Samples: 0

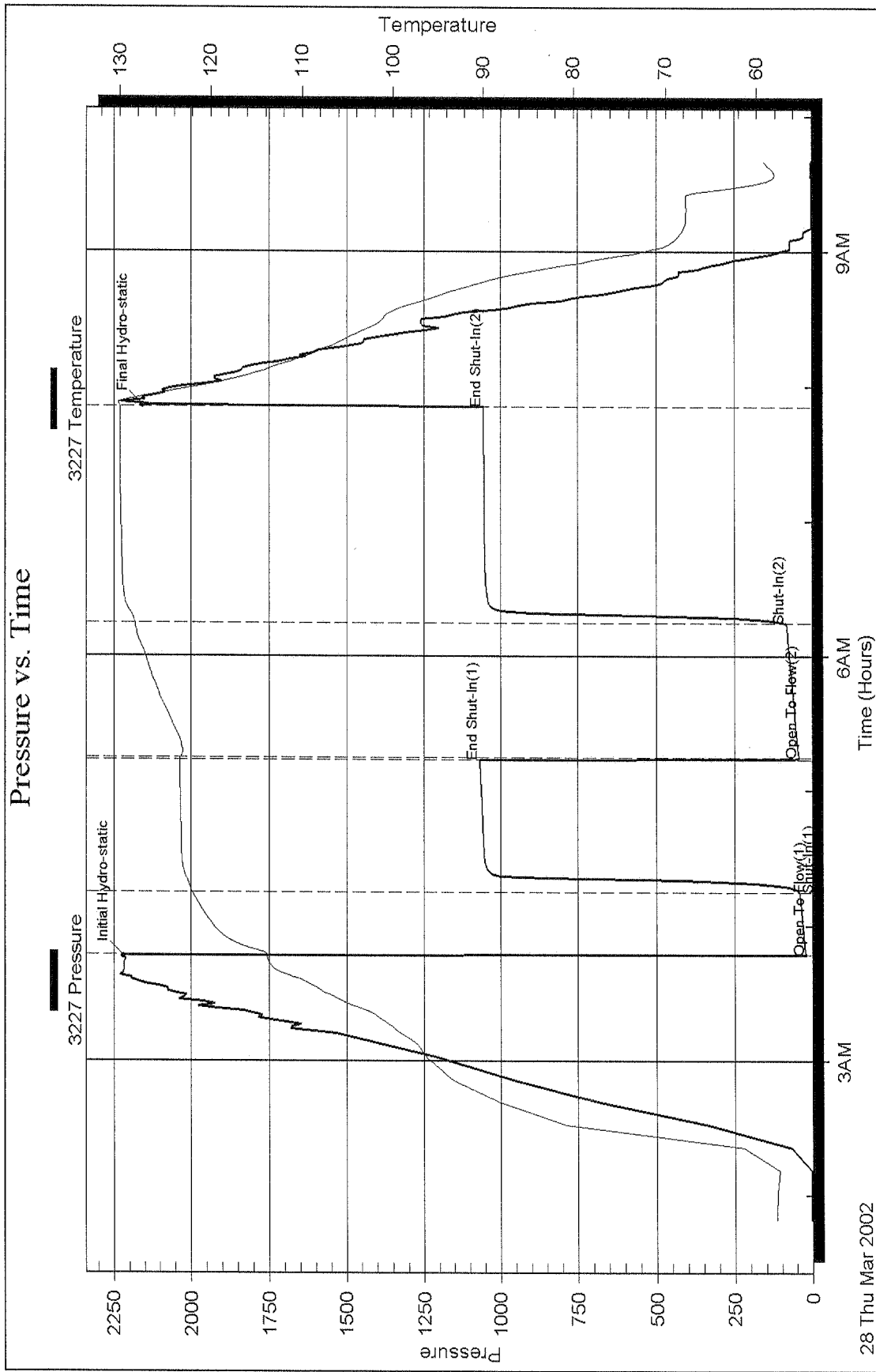
Num Gas Bombs: 0

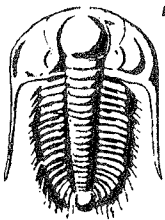
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 15080

Test Ticket

Well Name & No. <u>Schwartz #6</u>	Test No. <u>#2</u>	Date <u>3-28-02</u>
Company <u>Wabash Energy Corp.</u>	Zone Tested <u>Cherokee</u>	
Address <u>P.O. Box 395, Lawrenceville, IL 62439</u>	Elevation <u>2975</u> KB <u>2968</u> GL	
Co. Rep / Geo <u>Larry Whitaker / Frank Mize</u>	Cont. <u>D.S. #1</u>	Est. Ft. of Pay <u> </u> Por. <u> </u> %
Location: Sec. <u>12</u> Twp. <u>18</u> Rge. <u>32</u>	Co. <u>Scott</u> State <u>Ks</u>	
No. of Copies <u> </u>	Distribution Sheet (Y, N) <u> </u>	Turnkey (Y, N) <u> </u> Evaluation (Y, N) <u> </u>

Interval Tested <u>4548</u>	<u>4568</u>	Initial Str Wt./Lbs. <u>52,000</u>	Unseated Str Wt./Lbs. <u>54,000</u>
Anchor Length <u> </u>	<u>20</u>	Wt. Set Lbs. <u>30,000</u>	Wt. Pulled Loose/Lbs. <u>66,000</u>
Top Packer Depth <u>4543</u>	<u>4548</u>	Tool Weight <u>1,500</u>	
Bottom Packer Depth <u> </u>	<u>4568</u>	Hole Size — 7 7/8" <u>✓</u>	Rubber Size — 6 3/4" <u>✓</u>
Total Depth <u> </u>	<u>4615</u>	Wt. Pipe Run <u> </u>	Drill Collar Run <u> </u>
Mud Wt. <u>9.4</u> LCM <u>#2</u> Vis. <u>50</u> WL <u>9.6</u>		Drill Pipe Size <u>4 1/2 X 11</u>	Ft. Run <u>4589'</u>
Blow Description <u>1/4" @ open built to 10" in.</u>			
<u>Surface return in 5 min, died in 20 min</u>			
<u>B.O.B in 38 min</u>			

Recovery — Total Feet <u>160'</u>	GIP <u>570'</u>	Ft. in DC <u> </u>	Ft. in DP <u>160'</u>
Rec. <u>100'</u> Feet Of <u>C90</u>	<u>25% gas 75% oil</u>	%water <u> </u>	%mud <u> </u>
Rec. <u>30'</u> Feet Of <u>5 m c 90</u>	<u>20% gas 60% oil</u>	%water <u>20</u>	%mud <u> </u>
Rec. <u>30'</u> Feet Of <u>0 c 9 m</u>	<u>15% gas 20% oil</u>	%water <u>65</u>	%mud <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u> %oil <u> </u>	%water <u> </u>	%mud <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u> %oil <u> </u>	%water <u> </u>	%mud <u> </u>
BHT <u>130°</u> °F Gravity <u>29</u>	°API D@ <u>60</u>	°F Corrected Gravity <u>29</u>	°API <u> </u>
RW <u> </u> @ <u> </u> °F Chlorides <u> </u>	ppm Recovery <u> </u>	Chlorides <u>3000</u>	ppm System <u> </u>

(A) Initial Hydrostatic Mud	AK-1 <u>2219</u>	Alpine <u>3227</u>	PSI Recorder No. <u>3227</u>	T-On Location <u>22:35 p.m.</u>
(B) First Initial Flow Pressure	<u>19</u>	PSI (depth) <u>4549'</u>	T-Started <u>12:20 a.m.</u>	
(C) First Final Flow Pressure	<u>40</u>	PSI Recorder No. <u>11058</u>	T-Open <u>2:17 a.m.</u>	
(D) Initial Shut-In Pressure	<u>1067</u>	PSI (depth) <u>4561'</u>	T-Pulled <u>6:17 a.m.</u>	
(E) Second Initial Flow Pressure	<u>41</u>	PSI Recorder No. <u>11057</u>	T-Out <u>8:12 a.m.</u>	
(F) Second Final Flow Pressure	<u>83</u>	PSI (depth) <u>4610'</u>	T-Off Location <u>9:30 a.m.</u>	
(G) Final Shut-in Pressure	<u>1054</u>	PSI Initial Opening <u>30</u>	Test <u>X</u>	<u>806</u>
(Q) Final Hydrostatic Mud	<u>2176</u>	PSI Initial Shut-in <u>60</u>	Jars <u> </u>	

Final Flow <u>60</u>	Safety Joint <u> </u>
Final Shut-in <u>90</u>	Straddle <u>X</u> <u>250</u>
	Circ. Sub <u>X</u>
	Sampler <u> </u>
	Extra Packer <u>X</u> <u>150</u>
	Elec. Rec. <u>X</u> <u>150</u>
	Mileage <u>X 181 way</u>
	Other <u>1 hr</u> <u>30</u>
	TOTAL PRICE \$ <u>1387</u>

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Approved By

Our Representative

CHART PAGE

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

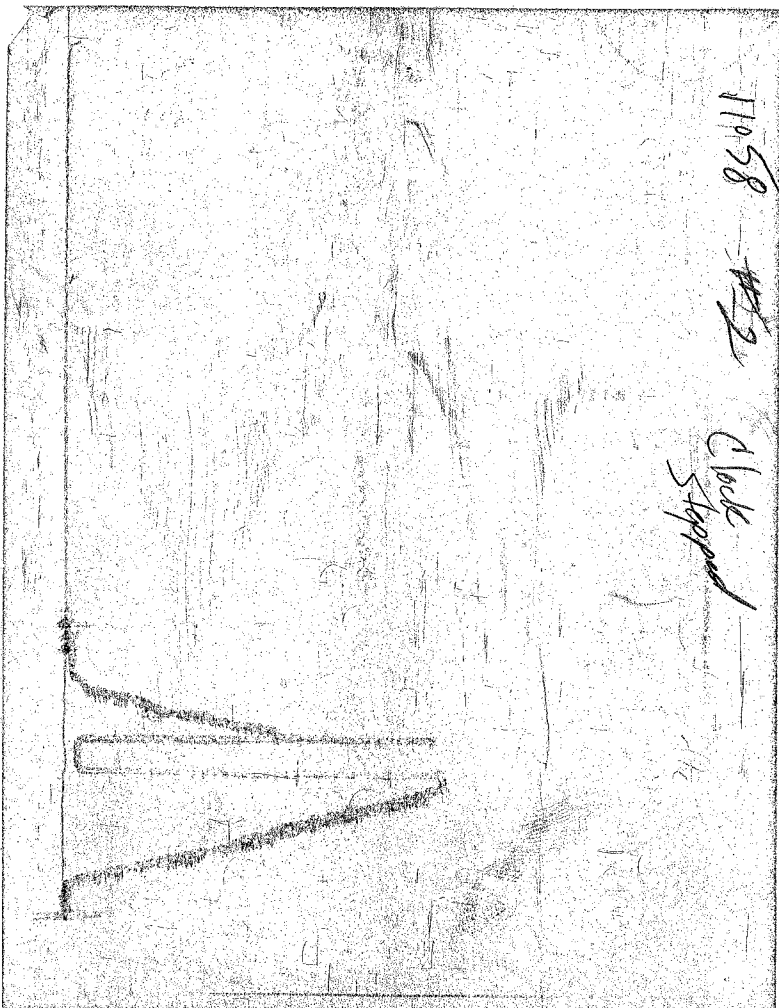


CHART PAGE

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