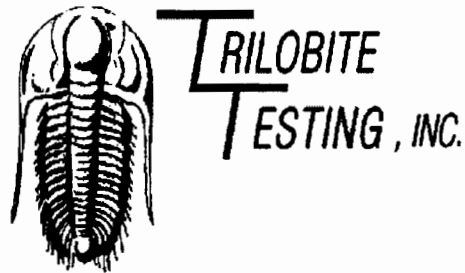


6427

15-109-20753

28-11s-33w



DRILL STEM TEST REPORT

Prepared For: **Blake Exploration**

PO Box 150
Bogue, Ks 67625

ATTN: Mike Davignon

28-11s-33w Logan

Chance Farms #1

Start Date: 2006.01.16 @ 18:38:49

End Date: 2006.01.17 @ 02:46:28

Job Ticket #: 22623 DST #: 1

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

Blake Exploration

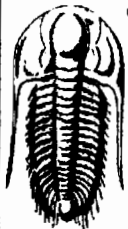
Chance Farms #1

28-11s-33w Logan

DST # 1

LKC: JJK

2006.01.16



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Blake Exploration

Chance Farms #1

PO Box 150
Bogue, Ks 67625

28-11s-33w Logan

Job Ticket: 22623

DST#: 1

ATTN: Mike Davignon

Test Start: 2006.01.16 @ 18:38:49

GENERAL INFORMATION:

Formation: LKC- IJK

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:22:59

Time Test Ended: 02:46:28

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: 4230.00 ft (KB) To 4320.00 ft (KB) (TVD)

Reference Elevations: 3132.00 ft (KB)

Total Depth: 4320.00 ft (KB) (TVD)

3122.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 6772 Inside

Press@RunDepth: psig @ 4231.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2006.01.16

End Date:

2006.01.17

Last Calib.: 1899.12.30

Start Time: 18:38:49

End Time:

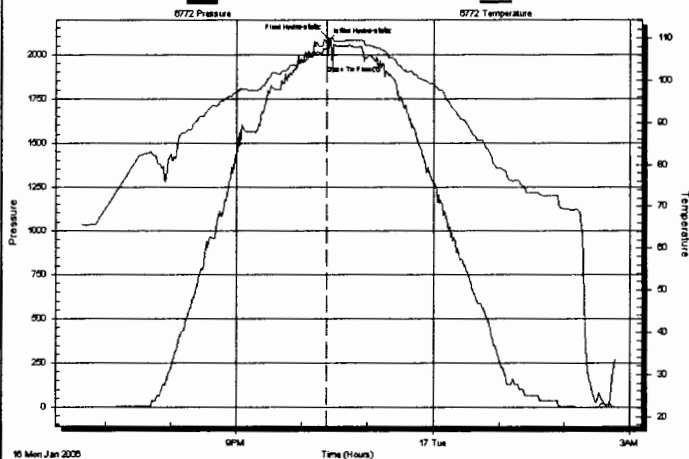
02:46:28

Time On Btrm: 2006.01.16 @ 22:22:44

Time Off Btrm: 2006.01.16 @ 22:23:14

TEST COMMENT: Packers failed at open.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2069.18	107.48	Initial Hydro-static
1	1891.95	107.81	Open To Flow (1)
1	2091.83	109.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
313.00	mud 100% m	3.26

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blake Exploration

Chance Farms #1

PO Box 150
Bogue, Ks 67625

28-11s-33w Logan

Job Ticket: 22623 DST#: 1

ATTN: Mike Davignon

Test Start: 2006.01.16 @ 18:38:49

Tool Information

Drill Pipe:	Length: 4106.00 ft	Diameter: 3.80 inches	Volume: 57.60 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: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 58000.00 lb
			<u>Total Volume: 58.21 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4230.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	90.00 ft			
Tool Length:	110.00 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			4211.00	
Shut In Tool	5.00			4216.00	
Hydraulic tool	5.00			4221.00	
Packer	5.00			4226.00	20.00 Bottom Of Top Packer
Packer	4.00			4230.00	
Stubb	1.00			4231.00	
Recorder	0.00	6772	Inside	4231.00	
Perforations	19.00			4250.00	
Change Over Sub	1.00			4251.00	
Drill Pipe	63.00			4314.00	
Change Over Sub	1.00			4315.00	
Recorder	0.00	7437	Outside	4315.00	
Bullnose	5.00			4320.00	90.00 Bottom Packers & Anchor

Total Tool Length: 110.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Blake Exploration

Chance Farms #1

PO Box 150
Bogue, Ks 67625

28-11s-33w Logan

Job Ticket: 22623

DST#: 1

ATTN: Mike Davignon

Test Start: 2006.01.16 @ 18:38:49

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: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.57 in³

Gas Cushion Type:

Resistivity: 3200.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 0.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
313.00	mud 100% _m	3.261

Total Length: 313.00 ft

Total Volume: 3.261 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

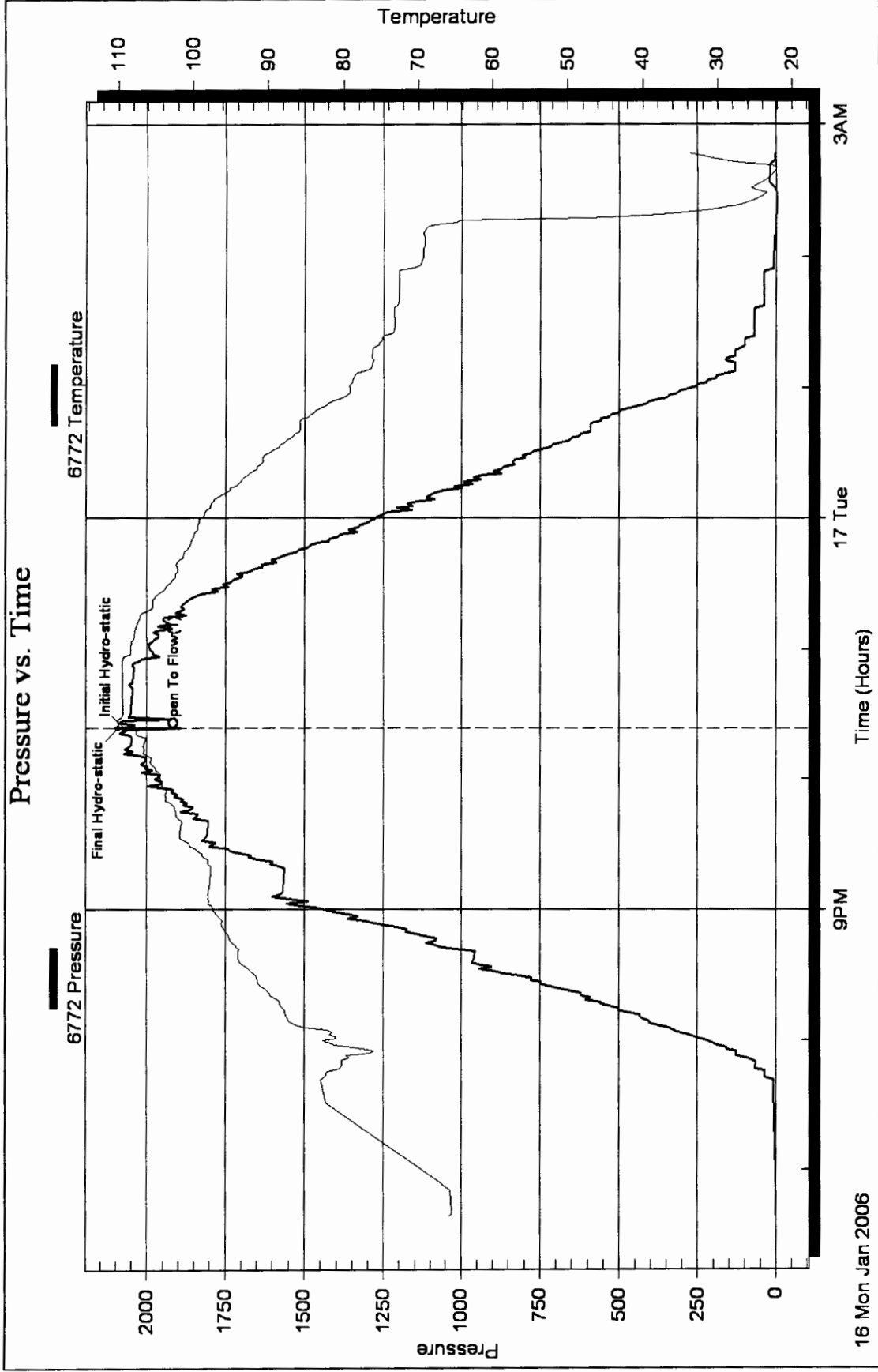
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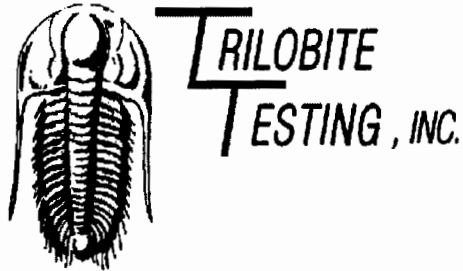
Inside

Blake Exploration

28-11s-33w Logan

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Blake Exploration**

PO Box 150
Bogue, Ks 67625

ATTN: Mike Davignon

28-11s-33w Logan

Chance Farms #1

Start Date: 2006.01.18 @ 08:53:46

End Date: 2006.01.18 @ 18:43:41

Job Ticket #: 22624 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

Blake Exploration

PO Box 150
Bogue, Ks 67625

ATTN: Mike Davignon

Chance Farms #1

28-11s-33w Logan

Job Ticket: 22624

DST#: 2

Test Start: 2006.01.18 @ 08:53:46

GENERAL INFORMATION:

Formation: **Johnson**

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

Time Tool Opened: 12:05:41

Time Test Ended: 18:43:41

Test Type: **Conventional Bottom Hole**

Tester: **Brandon Turley**

Unit No: **35**

Interval: **4555.00 ft (KB) To 4630.00 ft (KB) (TVD)**

Reference Elevations: **3132.00 ft (KB)**

Total Depth: **4630.00 ft (KB) (TVD)**

3122.00 ft (CF)

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

KB to GR/CF: **10.00 ft**

Serial #: 6772

Inside

Press@RunDepth: **223.21 psig @ 4556.00 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2006.01.18**

End Date:

2006.01.18

Last Calib.: **1899.12.30**

Start Time: **08:53:46**

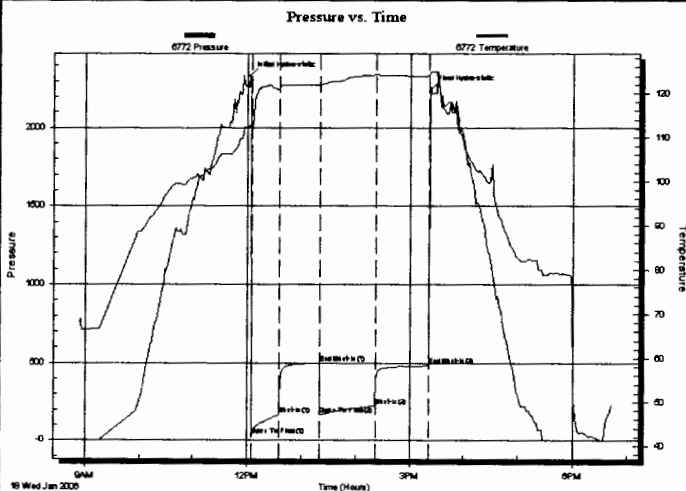
End Time:

18:43:41

Time On Btrt **2006.01.18 @ 12:02:56**

Time Off Btrt **2006.01.18 @ 15:22:40**

TEST COMMENT: F: 1/4 blow BOB in 14 min.
IS: Weak surface blow never built.
FF: Surface blow BOB in 55 min.
FS: Weak surface blow built to 1/4 in 60 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2332.82	112.86	Initial Hydro-static
3	30.31	111.20	Open To Flow (1)
33	164.82	120.90	Shut-In(1)
78	499.86	121.93	End Shut-In(1)
78	165.88	121.82	Open To Flow (2)
139	223.21	124.29	Shut-In(2)
198	482.95	124.03	End Shut-In(2)
200	2249.75	124.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
187.00	ocmw 5%o 55% 40%m	1.49
63.00	gocw m 5%g 5%o 40%w 50%m	0.88
189.00	gocw m 5%g 25%o 10%w 60%m	2.65
15.00	ocw m 40%o 10%w 50%m	0.21

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blake Exploration

Chance Farms #1

PO Box 150
Bogue, Ks 67625

28-11s-33w Logan

Job Ticket: 22624

DST#: 2

ATTN: Mike Davignon

Test Start: 2006.01.18 @ 08:53:46

Tool Information

Drill Pipe:	Length: 4435.00 ft	Diameter: 3.80 inches	Volume: 62.21 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: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 62.82 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 59000.00 lb
Depth to Top Packer:	4555.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	85.00 ft			
Tool Length:	105.00 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			4536.00	
Shut In Tool	5.00			4541.00	
Hydraulic tool	5.00			4546.00	
Packer	5.00			4551.00	20.00 Bottom Of Top Packer
Packer	4.00			4555.00	
Stubb	1.00			4556.00	
Recorder	0.00	6772	Inside	4556.00	
Perforations	14.00			4570.00	
Change Over Sub	1.00			4571.00	
Drill Pipe	63.00			4634.00	
Change Over Sub	1.00			4635.00	
Recorder	0.00	7437	Outside	4635.00	
Bullnose	5.00			4640.00	85.00 Bottom Packers & Anchor

Total Tool Length: 105.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Blake Exploration

Chance Farms #1

PO Box 150
Bogue, Ks 67625

28-11s-33w Logan

Job Ticket: 22624

DST#: 2

ATTN: Mike Davignon

Test Start: 2006.01.18 @ 08:53:46

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:

52000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
187.00	ocmw 5%o 55% 40%m	1.494
63.00	gocw m 5%g 5%o 40%w 50%m	0.884
189.00	gocw m 5%g 25%o 10%w 60%m	2.651
15.00	ocw m 40%o 10%w 50%m	0.210

Total Length: 454.00 ft

Total Volume: 5.239 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

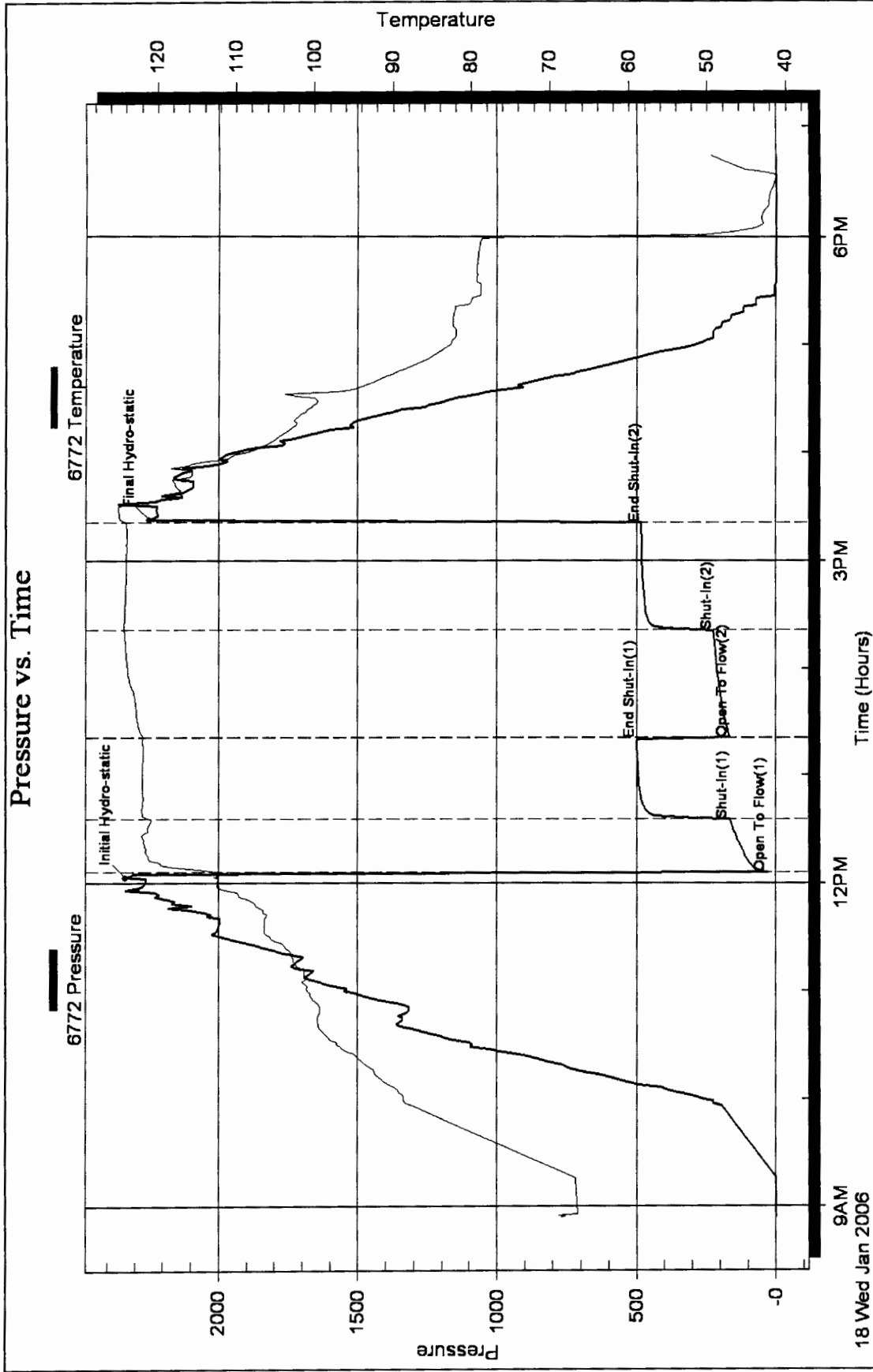
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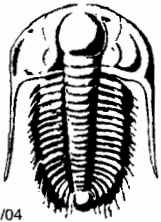
Inside

Blake Exploration

28-11s-33w Logan

DST Test Number: 2





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

INV 8326

No 22623 X

Test Ticket

Well Name & No. Change Farms #1 Test No. 1 Date 1-16-06
 Company Blake Exploration Zone Tested LKC-IJK
 Address P.O. Box 150 Bogue, KS 67625 Elevation 3132 KB 3122 GL
 Co. Rep / Geo. Mike Davignon Cont. Murfin #2 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 28 Twp. 11^s Rge. 33^w Co. Logan State KS
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 4230 4320 Initial Str Wt./Lbs. 56,000 Unseated Str Wt./Lbs. 58,000
 Anchor Length _____ 90 Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 58,000
 Top Packer Depth _____ 4225 Tool Weight 1500
 Bottom Packer Depth _____ 4230 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth _____ 4320 Wt. Pipe Run _____ Drill Collar Run 124
 Mud Wt. 9.1 LCM 0 Vis. 51 WL 2.6 Drill Pipe Size 4 1/2 X H Ft. Run 4106
 Blow Description Packers failed & open.

Recovery - Total Feet 313 GIP _____ Ft. in DC 124 Ft. in DP 189
 Rec. 313 Feet of 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 107 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 3200 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>2069</u> PSI	<u>6772</u>	<u>1000.00</u>
(B) First Initial Flow Pressure		<u>1891</u> PSI	(depth) <u>4231</u>	Jars _____
(C) First Final Flow Pressure		_____ PSI	Recorder No. <u>7437</u>	Safety Jt. _____
(D) Initial Shut-In Pressure		_____ PSI	(depth) <u>4319</u>	Circ Sub <input checked="" type="checkbox"/> <u>N/C</u>
(E) Second Initial Flow Pressure		_____ PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure		_____ PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure		_____ PSI	Initial Opening _____	Ext. Packer _____
(Q) Final Hydrostatic Mud		<u>2091</u> PSI	Initial Shut-In _____	Shale Packer _____

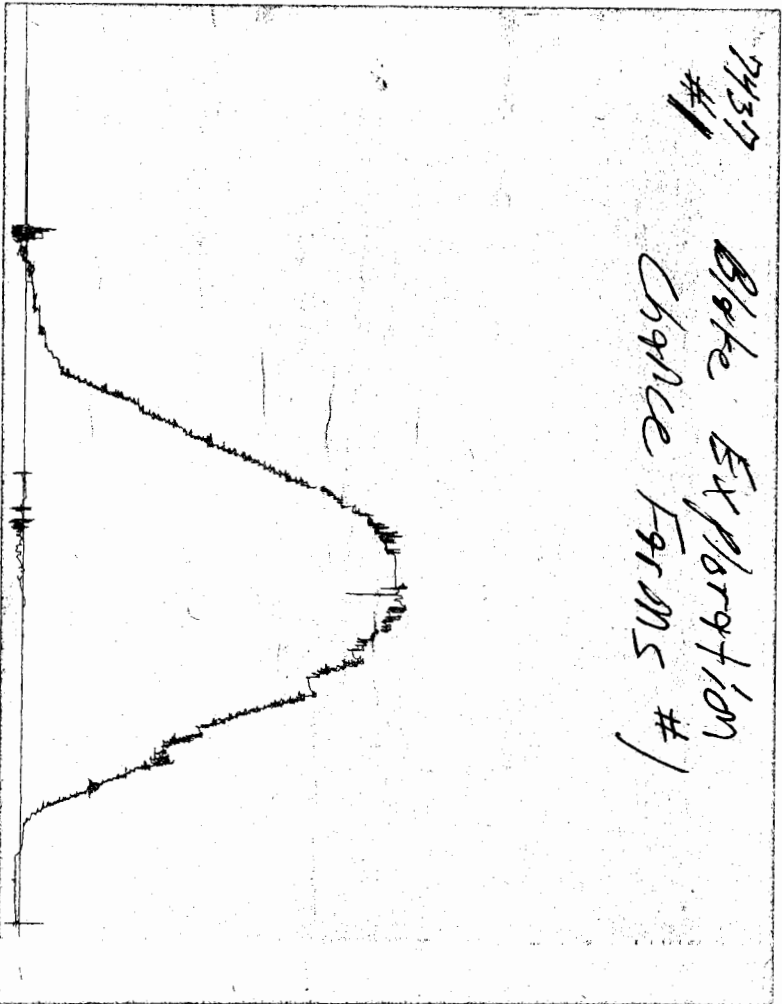
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST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

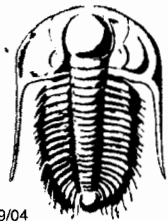
Approved By _____
 Our Representative [Signature]

Final Flow	_____	Ruined Packer	_____
Final Shut-In	_____	Mileage	<u>120.00</u>
T-On Location	<u>14:20</u>	Sub Total:	<u>1120</u>
T-Started	<u>18:38</u>	Std. By	<input checked="" type="checkbox"/> <u>3.5</u> <u>175</u>
T-Open	<u>22:22</u>	Other	_____
T-Pulled	<u>22:30</u>	Total:	<u>\$ 1295</u>
T-Out	<u>02:50</u>		

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 22624

9/04

Test Ticket

Well Name & No. Chance Farms #1 Test No. 2 Date 1-18-06
 Company Blake Exploration Zone Tested Johnson
 Address P.O. Box 150 Bogue, KS 67625 Elevation 3132 KB 3122 GL
 Co. Rep / Geo. Mike Davignon Cont. Murfin #2 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 28 Twp. 11S Rge. 33W Co. Logan State KS
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 4555 4630 Initial Str Wt./Lbs. 59,000 Unseated Str Wt./Lbs. 60,000
 Anchor Length _____ 85 Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 80,000
 Top Packer Depth _____ 4550 Tool Weight 1500
 Bottom Packer Depth _____ 4555 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth _____ 4630 Wt. Pipe Run _____ Drill Collar Run 124
 Mud Wt. 9.3 LCM Vis. 47 WL 8.0 Drill Pipe Size 4 1/2 XH Ft. Run 4435

Blow Description IF: 1/4 blow BOB in 14 min.
IS: Weak surface blow never built.
FF: Surface blow BOB in 55 min.
FS: Weak surface blow built to 1/4 in 60 min.

Recovery - Total Feet 454 GIP _____ Ft. in DC 124 Ft. in DP 330
 Rec. 15 Feet of OCWM %gas 40 %oil 10 %water 50 %mud
 Rec. 189 Feet of 90LWM 5 %gas 25 %oil 10 %water 60 %mud
 Rec. 63 Feet of 300LWM 5 %gas 5 %oil 40 %water 50 %mud
 Rec. 187 Feet of OCMW %gas 5 %oil 55 %water 40 %mud
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud
 BHT 124 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW .19 @ 55 °F Chlorides 52,000 ppm Recovery 52,000 Chlorides 2800 ppm System

	AK-1	Alpine	Recorder No.	Test x
(A) Initial Hydrostatic Mud		<u>2332</u> PSI	<u>6772</u>	<u>1100.00</u>
(B) First Initial Flow Pressure		<u>30</u> PSI	(depth) <u>4556</u>	Jars _____
(C) First Final Flow Pressure		<u>164</u> PSI	Recorder No. <u>7437</u>	Safety Jt. _____
(D) Initial Shut-In Pressure		<u>499</u> PSI	(depth) <u>4629</u>	Circ Sub * <u>N/C</u>
(E) Second Initial Flow Pressure		<u>165</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure		<u>223</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure		<u>482</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud		<u>2249</u> PSI	Initial Shut-In <u>45</u>	Shale Packer _____

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Approved By [Signature]

Our Representative [Signature]

Final Flow	<u>60</u>	Ruined Packer	_____
Final Shut-In	<u>60</u>	Mileage	<u>120.00</u>
T-On Location	<u>7:20</u>	Sub Total:	<u>1220</u>
T-Started	<u>8:53</u>	Std. By <u>X24</u>	<u>112.50</u>
T-Open	<u>12:05</u>	Other	_____
T-Pulled	<u>15:20</u>	Total:	<u>\$ 1332.50</u>
T-Out	<u>18:45</u>		

CHART PAGE

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

