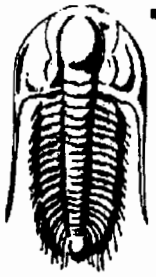
15-095-21898 25-30s-8w



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Wildcat Oil&Gas,LLC.**

10286 SW 170th Avenue
Nashville,Ks.67112

ATTN: Jon F.Messenger

25-30S-8W

Aldrich #2

Start Date: 2004.07.20 @ 17:16:14
End Date: 2004.07.21 @ 00:50:44
Job Ticket #: 19700 DST #: 1

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

Wildcat Oil&Gas,LLC. Aldrich #2 25-30S-8W DST # 1 Mississippian 2004.07.20

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

Wildcat Oil&Gas,LLC.

10286 SW 170th Avenue
Nashville,Ks.67112

ATTN: Jon F.Messenger

Aldrich #2

25-30S-8W

Job Ticket: 19700 **DST#: 1**

Test Start: 2004.07.20 @ 17:16:14

GENERAL INFORMATION:

Formation: **Mississippian**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:33:14
Time Test Ended: 00:50:44

Test Type: Conventional Bottom Hole
Tester: Darren L.Amerine
Unit No: 19

Interval: 4282.00 ft (KB) To 4318.00 ft (KB) (TVD)
Total Depth: 4318.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

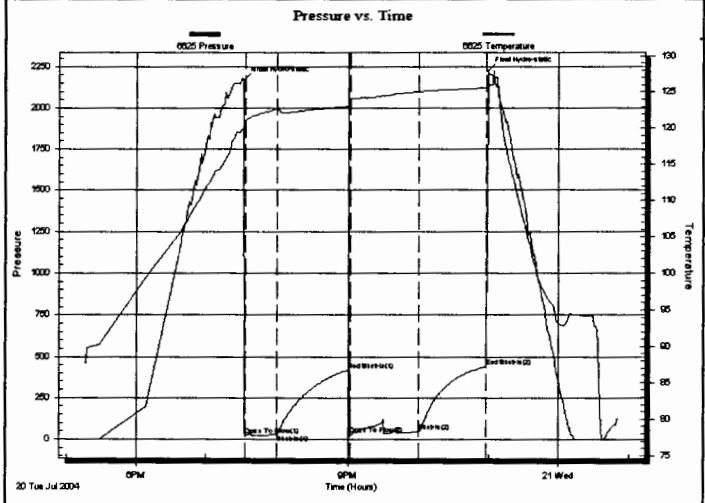
Reference Elevations: 1585.00 ft (KB)
1577.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6625 **Inside**

Press@RunDepth: 49.33 psig @ 4284.00 ft (KB)
Start Date: 2004.07.20 End Date: 2004.07.21
Start Time: 17:16:17 End Time: 00:50:44

Capacity: 7000.00 psig
Last Calib.: 2004.07.21
Time On Btm: 2004.07.20 @ 19:31:29
Time Off Btm: 2004.07.20 @ 22:59:14

TEST COMMENT: IF:Strong blow b.o.b in 45 sec.
ISI:Bled down for 10 mins.built back to 1"in H2O bucket.
FF:Strong blow b.o.b in 15 sec.
FSI:Bled down for 5 mins.no blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2168.99	119.93	Initial Hydro-static
2	22.92	121.10	Open To Flow (1)
29	27.90	122.67	Shut-In(1)
89	419.04	123.06	End Shut-In(1)
90	32.13	124.03	Open To Flow (2)
149	49.33	125.08	Shut-In(2)
207	440.00	125.61	End Shut-In(2)
208	2222.04	127.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	3035'of gip	0.00
65.00	VSO&GCM 6%gas trace of oil 93%Mud	0.91

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Wildcat Oil&Gas,LLC.

10286 SW 170th Avenue
Nashville,Ks.67112

ATTN: Jon F.Messenger

Aldrich #2

25-30S-8W

Job Ticket: 19700 **DST#: 1**

Test Start: 2004.07.20 @ 17:16:14

Tool Information

Drill Pipe:	Length:	4276.00 ft	Diameter:	3.80 inches	Volume:	59.98 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
					Total Volume:	59.98 bbl	

Drill Pipe Above KB:	23.00 ft
Depth to Top Packer:	4282.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	36.00 ft
Tool Length:	65.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2100.00 lb
Weight set on Packer:	20000.00 lb
Weight to Pull Loose:	65000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	58000.00 lb
Final	63000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4254.00		
Shut In Tool	5.00			4259.00		
Hydraulic tool	5.00			4264.00		
Jars	5.00			4269.00		
Safety Joint	3.00			4272.00		
Packer	5.00			4277.00	29.00	Bottom Of Top Packer
Packer	5.00			4282.00		
Stubb	2.00			4284.00		
Recorder	0.00	6625	Inside	4284.00		
Anchor	31.00			4315.00		
Recorder	0.00	10991	Outside	4315.00		
Bullnose	3.00			4318.00	36.00	Bottom Packers & Anchor
Total Tool Length:	**65.00**					

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Wildcat Oil&Gas,LLC.

10286 SW 170th Avenue
Nashville,Ks.67112

ATTN: Jon F.Messenger

Aldrich #2

25-30S-8W

Job Ticket: 19700 **DST#: 1**

Test Start: 2004.07.20 @ 17:16:14

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:	49.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	11.18 in³	Gas Cushion Type:			
Resistivity:	1.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4500.00 ppm				
Filter Cake:	0.32 inches				

Recovery Information

Recovery Table

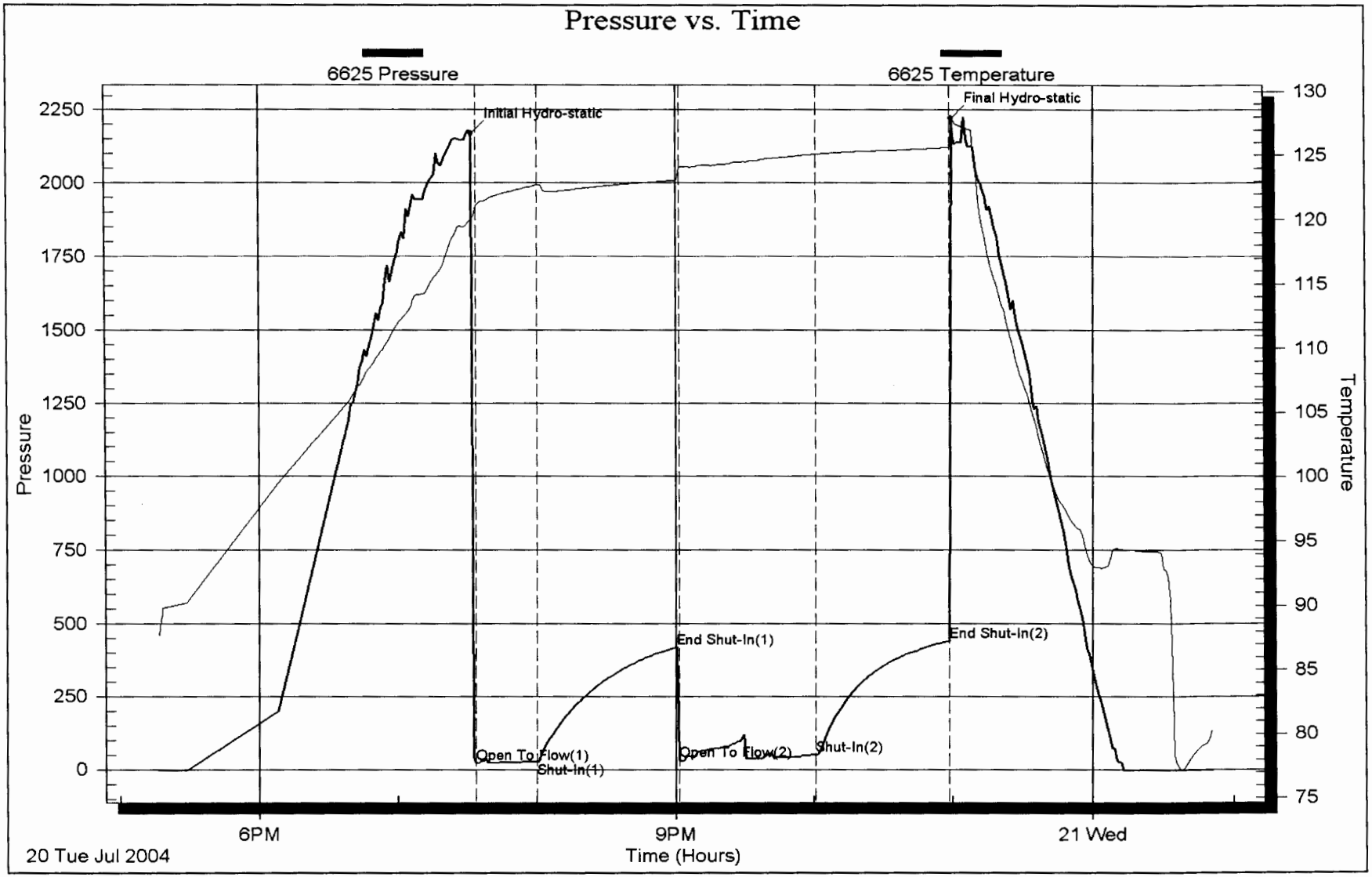
Length ft	Description	Volume bbl
0.00	3035'of gip	0.000
65.00	VSO&GCM 6%gas trace of oil 93%Mud	0.912

Total Length: 65.00 ft Total Volume: 0.912 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6625 Pressure
6625 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure
Temperature
2250
2000
1750
1500
1250
1000
750
500
250
0
130
125
120
115
110
105
100
95
90
85
80
75
6PM
9PM
21 Wed
20 Tue Jul 2004
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Wildcat Oil&Gas,LLC.**

10286 SW 170th Avenue
Nashville,Ks.67112

ATTN: Jon F.Messenger

25-30S-8W

Aldrich #2

Start Date: 2004.07.21 @ 06:39:37

End Date: 2004.07.21 @ 13:51:49

Job Ticket #: 19701 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

Wildcat Oil&Gas,LLC.

10286 SW 170th Avenue
Nashville,Ks.67112

ATTN: Jon F.Messenger

Aldrich #2

25-30S-8W

Job Ticket: 19701 **DST#: 2**

Test Start: 2004.07.21 @ 06:39:37

GENERAL INFORMATION:

Formation: **Mississippian**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:27:19
Time Test Ended: 13:51:49

Test Type: Conventional Bottom Hole
Tester: Darren L.Amerine
Unit No: 19

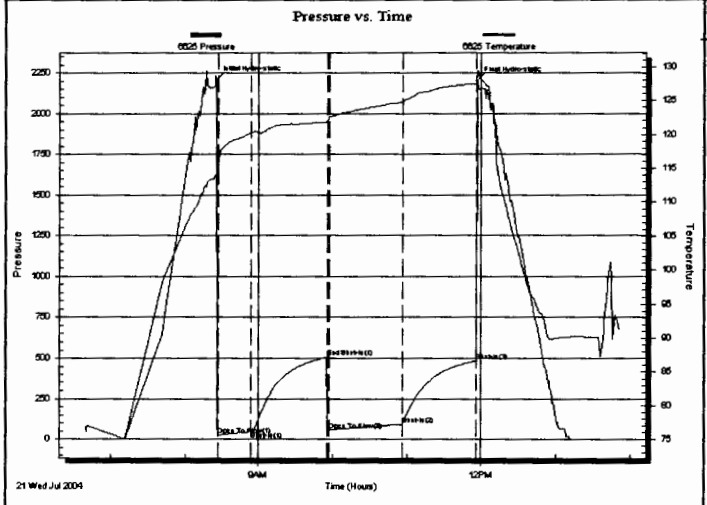
Interval: 4318.00 ft (KB) To 4350.00 ft (KB) (TVD)
Total Depth: 4350.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1585.00 ft (KB)
1577.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6625 **Inside**
Press@RunDepth: 46.12 psig @ 4320.00 ft (KB)
Start Date: 2004.07.21 End Date: 2004.07.21
Start Time: 06:39:37 End Time: 13:51:49

Capacity: 7000.00 psig
Last Calib.: 2004.07.21
Time On Btm: 2004.07.21 @ 08:25:49
Time Off Btm: 2004.07.21 @ 11:56:34

TEST COMMENT: IF:Strong blow b.o.b in 80 sec.
ISI:Bled down for 5 mins.no blow back.
FF:Strong blow b.o.b in 15 sec.
FSI:Bled down for 5 mins.slight surface blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2206.98	113.86	Initial Hydro-static
2	26.67	116.28	Open To Flow (1)
28	46.12	120.31	Shut-In(1)
90	506.72	121.87	End Shut-In(1)
91	51.63	122.57	Open To Flow (2)
151	90.21	124.79	Shut-In(2)
210	484.29	127.48	Shut-In(3)
211	2202.09	129.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	3120'of gip	0.00
60.00	HO&GCMW 10%gas 20%oil30%water	400.84d
120.00	G&OCWM 10%gas 20%oil 20%water	601.68d

Gas Rates

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

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Wildcat Oil&Gas,LLC.

10286 SW 170th Avenue
Nashville,Ks.67112

ATTN: Jon F.Messenger

Aldrich #2

25-30S-8W

Job Ticket: 19701 **DST#: 2**

Test Start: 2004.07.21 @ 06:39:37

Tool Information

Drill Pipe:	Length:	4307.00 ft	Diameter:	3.80 inches	Volume:	60.42 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:		lb
					Total Volume:	60.42 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		18.00 ft					String Weight:	Initial	64000.00 lb
Depth to Top Packer:		4318.00 ft						Final	64000.00 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		32.00 ft							
Tool Length:		61.00 ft							
Number of Packers:		2	Diameter:	6.75 inches					

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4290.00		
Shut In Tool	5.00			4295.00		
Hydraulic tool	5.00			4300.00		
Jars	5.00			4305.00		
Safety Joint	3.00			4308.00		
Packer	5.00			4313.00	29.00	Bottom Of Top Packer
Packer	5.00			4318.00		
Stubb	2.00			4320.00		
Recorder	0.00	6625	Inside	4320.00		
Anchor	27.00			4347.00		
Recorder	0.00	10991	Outside	4347.00		
Bullnose	3.00			4350.00	32.00	Bottom Packers & Anchor
Total Tool Length:	**61.00**					

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Wildcat Oil&Gas,LLC.

10286 SW 170th Avenue
Nashville,Ks.67112

ATTN: Jon F.Messenger

Aldrich #2

25-30S-8W

Job Ticket: 19701 **DST#: 2**

Test Start: 2004.07.21 @ 06:39:37

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	10.00 lb/gal	Cushion Length:	ft	Water Salinity:	110000 ppm
Viscosity:	48.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	12.79 in³	Gas Cushion Type:			
Resistivity:	2.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3500.00 ppm				
Filter Cake:	0.32 inches				

Recovery Information

Recovery Table

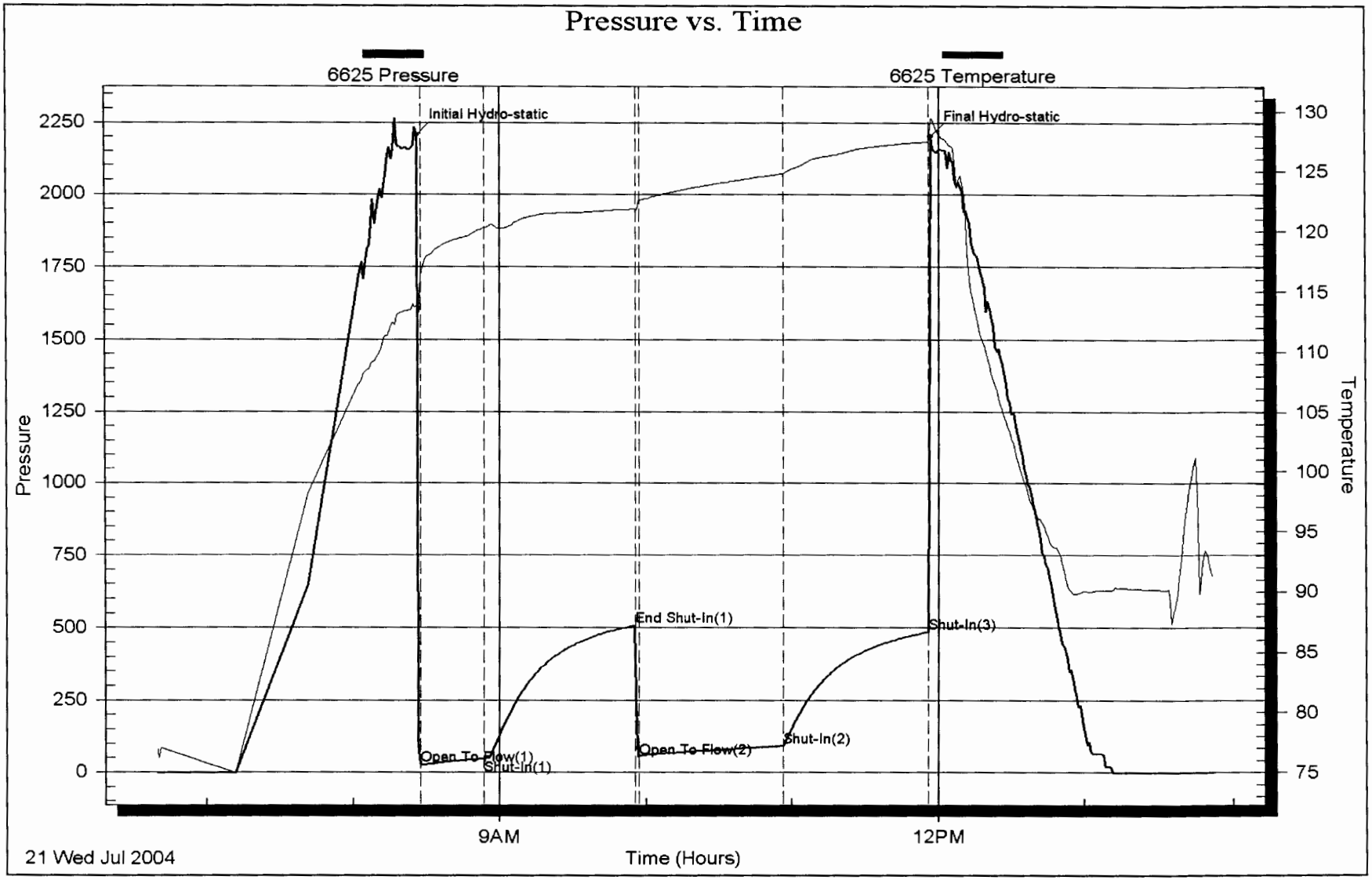
Length ft	Description	Volume bbl
0.00	3120'of gip	0.000
60.00	HO&GCMW 10%gas 20%oil30%w ater 40%m	0.842
120.00	G&OCWM 10%gas 20%oil 20%w ater 60%mu	1.683

Total Length: 180.00 ft Total Volume: 2.525 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: .07@ 75'degrees=110000


Pressure vs. Time
6625 Pressure
6625 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
Shut-In(3)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure
Temperature
2250
2000
1750
1500
1250
1000
750
500
250
0
130
125
120
115
110
105
100
95
90
85
80
75
9AM
12PM
21 Wed Jul 2004
Time (Hours)

TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

INV 6631

No. 19700

05/03

Test Ticket

Well Name & No. Aldrich #2 Test No. #1 Date 7-20-04

Company Wildcat Oil & Gas, LLC Zone Tested Miss.

Address 10286 SW 170th Ave. Nashville, Ks. 67112 Elevation 1585 KB 1577 GL

Co. Rep / Geo. Jon F. Messenger Cont. Duke #2 Est. Ft. of Pay _____ Por. _____ %

Location: Sec. 25 Twp. 30S Rge. 8W Co. Kingman, Co. State Ks

No. of Copies 5 Disbtribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 4282' - 4318' Initial Str Wt./Lbs. 58,000 Unseated Str Wt/Lbs. 63,000

Anchor Length 36' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 65,000

Top Packer Depth 4277' Tool Weight 2100

Bottom Packer Depth 4282' Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓

Total Depth 4318' Wt. Pipe Run N/A Drill Collar Run N/A

Mud Wt. 9.4 LCM 6# Vis. 49 WL 11.2 Drill Pipe Size 4½ XH Ft. Run 4276'

Blow Description IF: Strong blow BOB in 45 sec.
ISI: Bled down for 10 mins built back to 1" in bucket.
FF: Strong blow BOB in 15 sec.
FSI: Bled down for 5 mins. No blow back

Recovery - Total Feet 65' GIP 3035' Ft. in DC _____ Ft. in DP _____

Rec. 65' Feet of VSOFGCM 6 %gas Trace %oil %water 93 %mud

Rec. 3035' Feet of GIP %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 126° °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 4500 ppm System

	AK-1	Alpine				
(A) Initital Hydrostatic Mud		2169 PSI	Recorder No.	6625	Test ✓	1000
(B) First Initial Flow Pressure		23 PSI	(depth)	4284'	Elec. Rec. ✓	
(C) First Final Flow Pressure		28 PSI	Recorder No.	10991	Jars ✓	200
(D) Initial Shut-In Pressure		419 PSI	(depth)	4315'	Safety Jt. ✓	50
(E) Second Initial Flow Pressure		32 PSI	Recorder No.		Circ Sub	
(F) Second Final Flow Pressure		49 PSI	(depth)		Sampler	
(G) Final Shut-In Pressure		440 PSI	**Initial Opening**	30	Straddle	
(Q) Final Hydrostatic Mud		2222 PSI	Initial Shut-In	60	Ext. Packer	
			Final Flow	60	Shale Packer	
			Final Shut-In	60	Mileage 57	48.45
			T-On Location	1515	Sub Total:	1298.45
			T-Started	1716	Std. By 3/4	22.50
			T-Open	1922	Other	
			T-Pulled	2252	Total:	1320.95
			T-Out	0050		

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 Jon F. Messenger

Our Representative Dawn Shireman

CHART PAGE

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



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

05/03

№ 19701

Test Ticket

Well Name & No. Aldrich #2 Test No. #1 #2 Date 7-21-04

Company Wildcat Oil & Gas, LLC. Zone Tested Mississippian

Address 10286 SW 170th Ave. Nashville, Ks. 67112 Elevation 1585 KB 1577 GL

Co. Rep / Geo. Jon F. Messeneer Cont. Duke #2 Est. Ft. of Pay _____ Por. _____ %

Location: Sec. 25 Twp. 30S Rge. 8W Co. Kingman, Co. State Ks

No. of Copies 5 Disbtribution Sheet (Y, N) — Turnkey (Y, N) — Evaluation (Y, N) —

Interval Tested 4318' - 4350' Initial Str Wt./Lbs. 64,000 Unseated Str Wt/Lbs. 64,000

Anchor Length 32' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 75,000

Top Packer Depth 4313' Tool Weight 2100

Bottom Packer Depth 4318' Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓

Total Depth 4350' Wt. Pipe Run N/A Drill Collar Run N/A

Mud Wt. 9.5 LCM 2# Vis. 48 WL 12.8 Drill Pipe Size 4½XH Ft. Run 4307

Blow Description IF: Strong blow b.o.b in 80 sec.
ISI: Bled down for 5 mins. No blow back.
FF: Strong blow b.o.b in 15 sec.
FSI: Bled down for 5 mins. Slight surface blow back

Recovery - Total Feet 180' GIP 3120' Ft. in DC N/A Ft. in DP 180

Rec. 120	Feet of GSOCWM	0 %gas	20 %oil	20 %water	60 %mud
Rec. 60	Feet of HOSOCMW	10 %gas	20 %oil	30 %water	40 %mud
Rec. 3120	Feet of GIP	%gas	%oil	%water	%mud
Rec.	Feet of	%gas	%oil	%water	%mud
Rec.	Feet of	%gas	%oil	%water	%mud

BHT 121° °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API

RW .07 @ 75 °F Chlorides 110,000 ppm Recovery _____ Chlorides 3,500 ppm System

	AK-1	Alpine					
(A) Initital Hydrostatic Mud		2207 PSI	Recorder No.	6625	Test ✓	1000
(B) First Initial Flow Pressure		27 PSI	(depth)	4320'	Elec. Rec. ✓	
(C) First Final Flow Pressure		46 PSI	Recorder No.	10991	Jars ✓	200
(D) Initial Shut-In Pressure		507 PSI	(depth)	4347'	Safety Jt. ✓	50
(E) Second Initial Flow Pressure		52 PSI	Recorder No.		Circ Sub	
(F) Second Final Flow Pressure		90 PSI	(depth)		Sampler	
(G) Final Shut-In Pressure		484 PSI	Initial Opening	30	Straddle	
(Q) Final Hydrostatic Mud		2209 PSI	Initial Shut-In	60	Ext. Packer	
			Final Flow	60	Shale Packer	
			Final Shut-In	60	Mileage 57	48.45
			T-On Location	05:45	Sub Total:	1298.45
			T-Started	0659	Std. By	
			T-Open	0816	Other	
			T-Pulled	1146	Total:	
			T-Out	1351		

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 Darren Schmitz