15-167-23243 21-15s-13w

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Prospect Oil & Gas**

Box 837
Russell ,KS 67665

ATTN: Brad Hutchinson

21 15s 13w Russel

Redetzke 'A' 1

Start Date: 2004.01.25 @ 12:00:01
End Date: 2004.01.25 @ 17:56:30
Job Ticket #: 18396 DST #: 1

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

Prospect Oil & Gas Redetzke 21 15s 13w Russel DST #1 Lansing 2004.01.25

DRILL STEM TEST REPORT

Prospect Oil & Gas

Box 837
Russell ,KS 67665

ATTN: Brad Hutchinson

Redetzke

21 15s 13w Russel

Job Ticket: 18396 **DST#: 1**

Test Start: 2004.01.25 @ 12:00:01

GENERAL INFORMATION:

Formation: **Lansing**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:23:30
Time Test Ended: 17:56:30

Test Type: Conventional Bottom Hole
Tester: Paul & Kevin
Unit No: 28

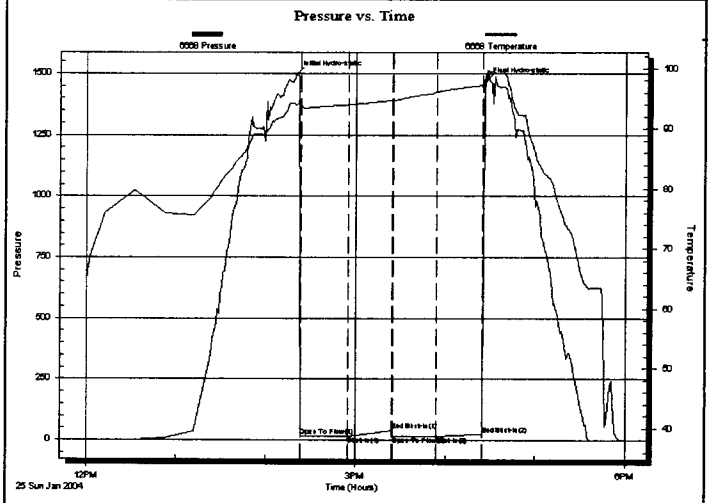
Interval: 3100.00 ft (KB) To 3125.00 ft (KB) (TVD)
Total Depth: 3125.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1890.00 ft (KB)
1885.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6668 **Inside**
Press@RunDepth: 16.33 psig @ 3102.01 ft (KB)
Start Date: 2004.01.25 End Date: 2004.01.25
Start Time: 12:00:01 End Time: 17:56:30

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2004.01.25 @ 14:20:30
Time Off Btm: 2004.01.25 @ 16:26:00

TEST COMMENT: IF- 1" blow building to 1.5"
FF- no blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1495.35	93.93	Initial Hydro-static
3	14.74	93.69	Open To Flow (1)
35	15.80	93.97	Shut-In(1)
64	39.34	94.70	End Shut-In(1)
64	16.17	94.70	Open To Flow (2)
93	16.33	96.07	Shut-In(2)
124	25.21	97.21	End Shut-In(2)
126	1469.60	98.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud with oil specks in tool	0.14

Gas Rates

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

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil & Gas

Box 837
Russell ,KS 67665

ATTN: Brad Hutchinson

Redetzke

21 15s 13w Russel

Job Ticket: 18396 **DST#: 1**

Test Start: 2004.01.25 @ 12:00:01

Tool Information

Drill Pipe:	Length:	3102.00 ft	Diameter:	3.80 inches	Volume:	43.51 bbl	Tool Weight:	2000.00 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:	60000.00 lb
					Total Volume:	43.51 bbl	Tool Chased	ft
Drill Pipe Above KB:		23.00 ft					String Weight: Initial	36000.00 lb
Depth to Top Packer:		3100.00 ft					Final	37000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		25.02 ft						
Tool Length:		46.02 ft						
Number of Packers:		2	Diameter:	6.75 inches				

Tool Comments:
tool slid 3' when open

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3080.00		
Shut In Tool	5.00			3085.00		
Hydraulic tool	5.00			3090.00		
Packer	5.00			3095.00	21.00	Bottom Of Top Packer
Packer	5.00			3100.00		
Stubb	1.00			3101.00		
Perforations	1.00			3102.00		
Recorder	0.01	6668	Inside	3102.01		
Perforations	20.00			3122.01		
Recorder	0.01	11085	Outside	3122.02		
Bullnose	3.00			3125.02	25.02	Bottom Packers & Anchor
Total Tool Length:	**46.02**					

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas

Box 837
Russell ,KS 67665

ATTN: Brad Hutchinson

Redetzke

21 15s 13w Russel

Job Ticket: 18396 **DST#: 1**

Test Start: 2004.01.25 @ 12:00:01

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:	7.19 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

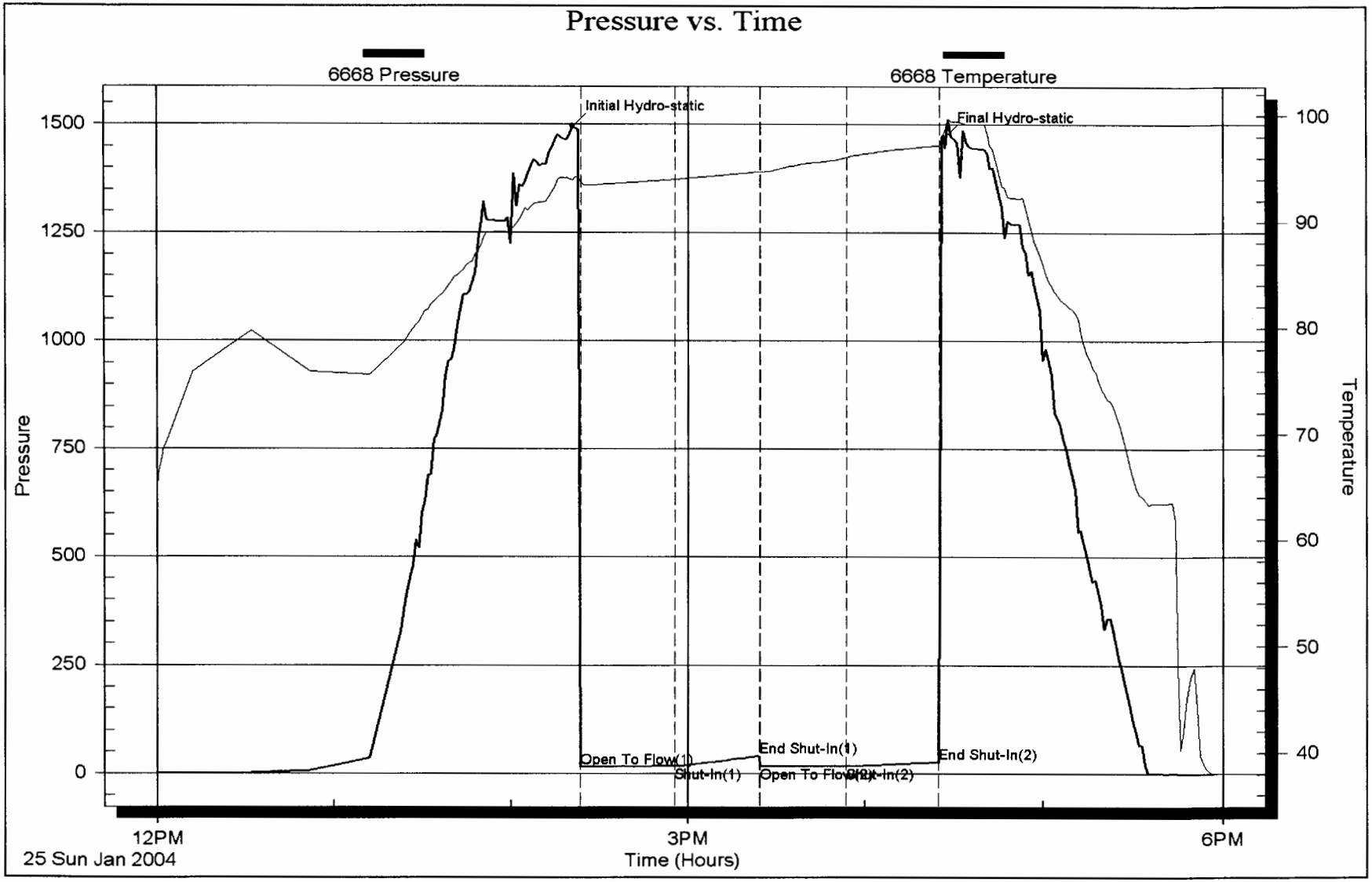
Length ft	Description	Volume bbl
10.00	mud with oil specks in tool	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6668 Pressure
6668 Temperature
Initial Hydro-static
Final Hydro-static
Open To Flow(1)
Shut-In(1)
End Shut-In(1)
Open To Flow(2)
End Shut-In(2)
1500
1250
1000
750
500
250
0
Pressure
100
90
80
70
60
50
40
Temperature
12PM
25 Sun Jan 2004
3PM
Time (Hours)
6PM

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Prospect Oil & Gas**

Box 837
Russell ,KS 67665

ATTN: Brad Hutchinson

21 15s 13w Russel

Redetzke

Start Date: 2004.01.26 @ 15:30:24
End Date: 2004.01.26 @ 22:20:23
Job Ticket #: 18397 DST #: 2

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

DRILL STEM TEST REPORT

Prospect Oil & Gas

Box 837
Russell ,KS 67665

ATTN: Brad Hutchinson

Redetzke

21 15s 13w Russel

Job Ticket: 18397 **DST#: 2**

Test Start: 2004.01.26 @ 15:30:24

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 17:31:53
Time Test Ended: 22:20:23

Test Type: Conventional Bottom Hole
Tester: Paul & Kevin
Unit No: 28

Interval: 3309.00 ft (KB) To 3341.00 ft (KB) (TVD)
Total Depth: 3125.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

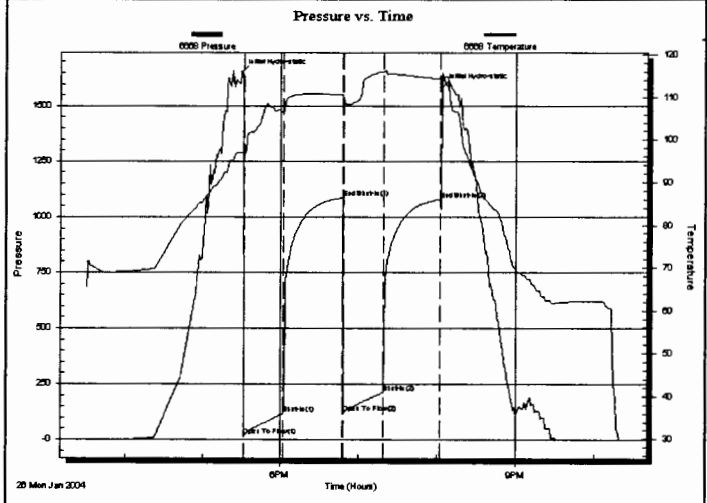
Reference Elevations: 1890.00 ft (KB)
1885.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6668 **Inside**

Press@RunDepth: 212.39 psig @ 3313.01 ft (KB)
Start Date: 2004.01.26 End Date: 2004.01.26
Start Time: 15:30:24 End Time: 22:20:23

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2004.01.26 @ 17:29:53
Time Off Btm:

TEST COMMENT: IF strong blow off bottom of bucket in 6 minutes
ISI weak 1/8" blow
FF 1" blow building off bottom of bucket in 8 minutes
FSI no blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1650.88	97.04	Initial Hydro-static
2	18.71	96.61	Open To Flow (1)
33	117.81	106.63	Shut-In(1)
78	1083.89	110.67	End Shut-In(1)
79	123.03	109.79	Open To Flow (2)
109	212.39	116.04	Shut-In(2)
153	1079.05	114.32	End Shut-In(2)
154	1584.10	113.99	Initial Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	HOCM 40% O 60% m	1.68
410.00	clean oil	5.75
0.00	180' Gas in Pipe	0.00

Gas Rates

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

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil & Gas

Box 837
Russell ,KS 67665

ATTN: Brad Hutchinson

Redetzke

21 15s 13w Russel

Job Ticket: 18397 **DST#: 2**

Test Start: 2004.01.26 @ 15:30:24

Tool Information

Drill Pipe:	Length:	3321.00 ft	Diameter:	3.80 inches	Volume:	46.58 bbl	Tool Weight:		2000.00 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:		40000.00 lb
					Total Volume:	46.58 bbl	Tool Chased		ft
Drill Pipe Above KB:		33.00 ft					String Weight:	Initial	36000.00 lb
Depth to Top Packer:		3309.00 ft						Final	38000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		32.02 ft							
Tool Length:		53.02 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			3289.00		
Shut In Tool	5.00			3294.00		
Hydraulic tool	5.00			3299.00		
Packer	5.00			3304.00	21.00	Bottom Of Top Packer
Packer	5.00			3309.00		
Stubb	1.00			3310.00		
Perforations	3.00			3313.00		
Recorder	0.01	6668	Inside	3313.01		
Perforations	25.00			3338.01		
Recorder	0.01	11085	Outside	3338.02		
Bullnose	3.00			3341.02	32.02	Bottom Packers & Anchor
Total Tool Length:	**53.02**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas

Box 837
Russell ,KS 67665

ATTN: Brad Hutchinson

Redetzke

21 15s 13w Russel

Job Ticket: 18397 **DST#: 2**

Test Start: 2004.01.26 @ 15:30:24

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:	46.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.98 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	ppm				
Filter Cake:	inches				

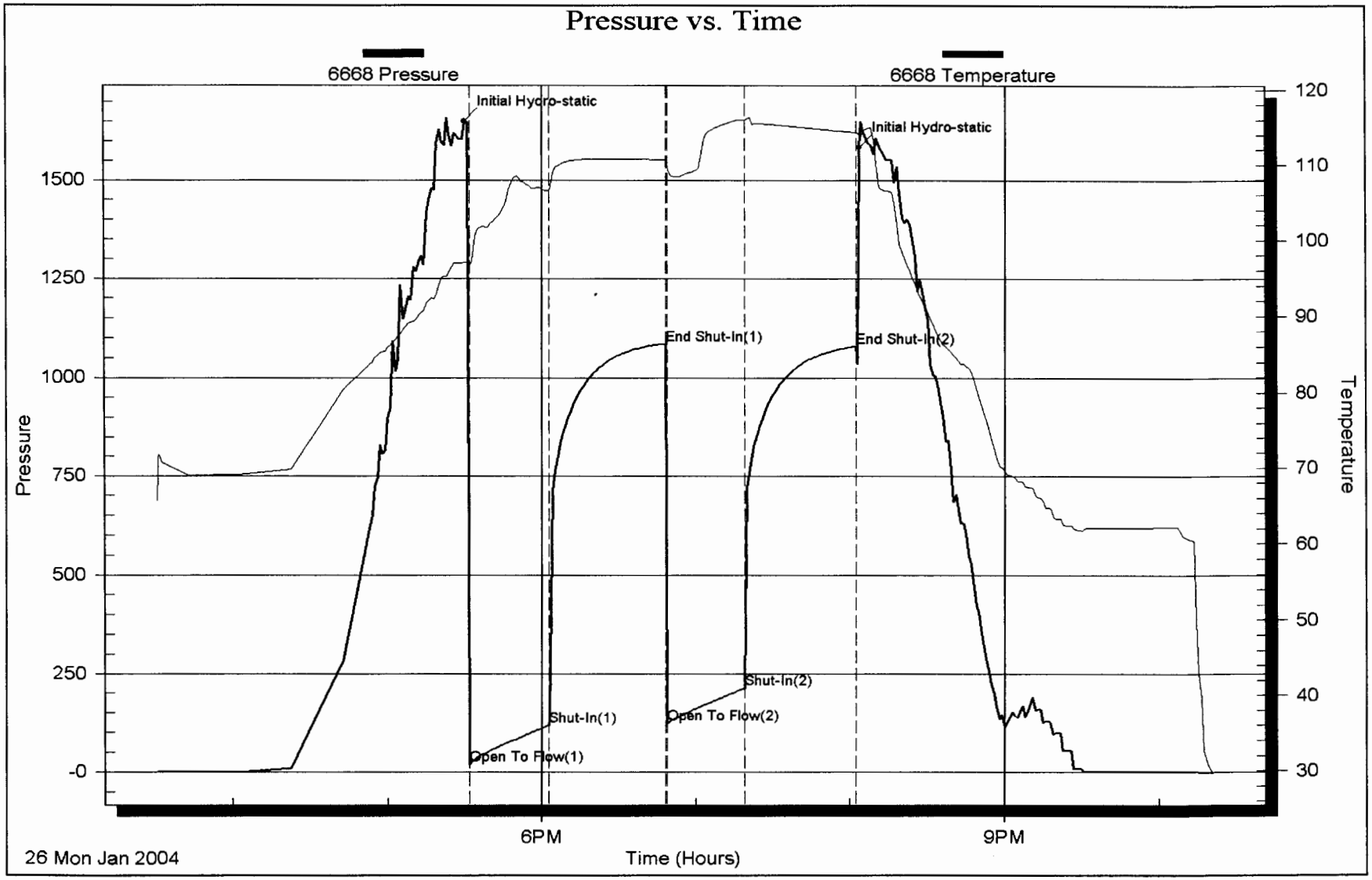
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	HOCM 40% O 60% m	1.683
410.00	clean oil	5.751
0.00	180' Gas in Pipe	0.000

Total Length: 530.00 ft Total Volume: 7.434 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: 36@40


Pressure vs. Time
6668 Pressure
6668 Temperature
Initial Hydro-static
Initial Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(1)
Shut-In(2)
Open To Flow(1)
Open To Flow(2)
1500
1250
1000
750
500
250
-0
Pressure
120
110
100
90
80
70
60
50
40
30
Temperature
6PM
9PM
Time (Hours)
26 Mon Jan 2004

TRILOBITE TESTING INC.

INV 6157

P.O. Box 362 • Hays, Kansas 67601

Nº 18396

05/03

Test Ticket

Well Name & No. Redetzke A #1 Test No. 1 Date 1-25-04

Company Prospect Oil & Gas Inc Zone Tested LKC "C"

Address Box 857 Russell KS 67665 Elevation 1890 KB 1885 GL

Co. Rep / Geo. Brad Hutchison Cont. Von Feldt #1 Est. Ft. of Pay _____ Por. _____ %

Location: Sec. 21 Twp. 15s Rge. 13w Co. Russell State KS

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

Interval Tested 3100-3125 Initial Str Wt./Lbs. 36,000 Unseated Str Wt/Lbs. 37,000

Anchor Length 25 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 60,000

Top Packer Depth 3095 Tool Weight 2000

Bottom Packer Depth 3100 Hole Size 7 7/8" Rubber Size 6 3/4"

Total Depth 3125 Wt. Pipe Run _____ Drill Collar Run _____

Mud Wt. 9.1 LCM _____ Vis. 48 WL 7.2 Drill Pipe Size 4½ Ft. Run 3102

Blow Description (tool slid 3' when opening) 1st blow building to 1 1/2"

FF- no blow

Recovery - Total Feet 10 GIP _____ Ft. in DC _____ Ft. in DP 10

Rec. 10 Feet of Mud %gas %oil %water %mud

Rec. _____ Feet of oil specks in tool %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 98 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API

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

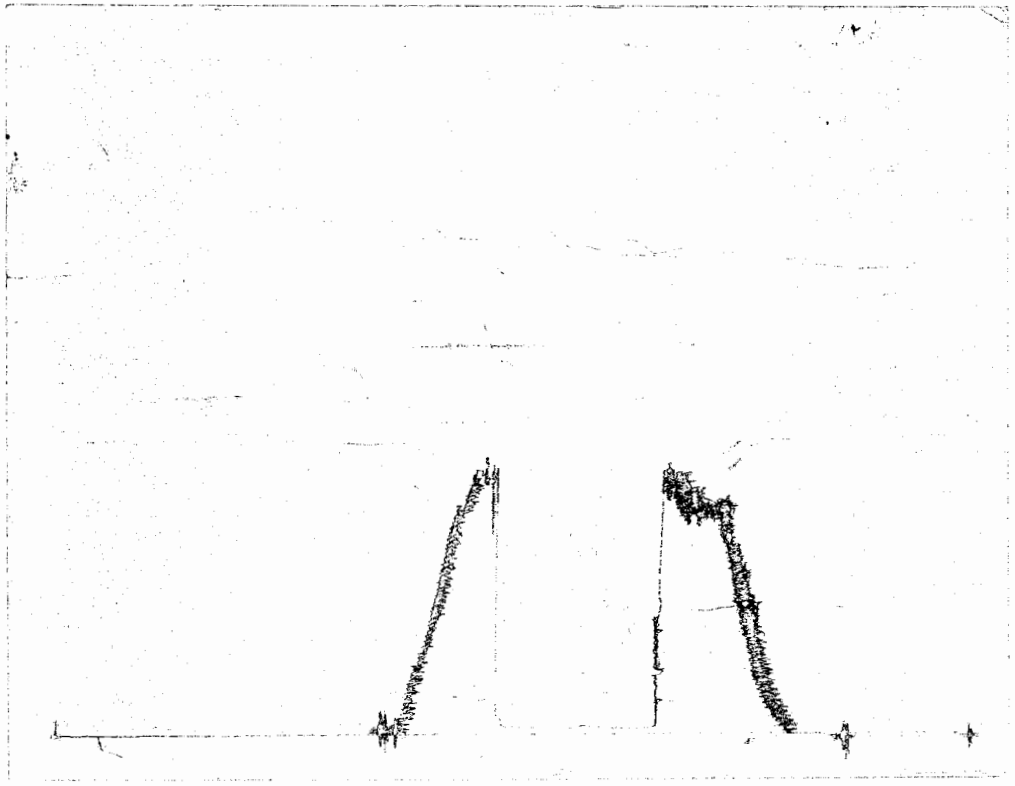
	AK-1	Alpine				
(A) Initial Hydrostatic Mud		1495 PSI	Recorder No.	6668	Test	
(B) First Initial Flow Pressure		15 PSI	(depth)	3102	Elec. Rec.	
(C) First Final Flow Pressure		16 PSI	Recorder No.	11085	Jars	
(D) Initial Shut-In Pressure		39 PSI	(depth)		Safety Jt.	
(E) Second Initial Flow Pressure		16 PSI	Recorder No.		Circ Sub	
(F) Second Final Flow Pressure		16 PSI	(depth)		Sampler	
(G) Final Shut-In Pressure		25 PSI	**Initial Opening**	30	Straddle	
(Q) Final Hydrostatic Mud		1470 PSI	Initial Shut-In	30	Ext. Packer	
			Final Flow	30	Shale Packer	
			Final Shut-In	30	Mileage	37
			T-On Location	1100	Sub Total:	
			T-Started	1200	Std. By	92.90
			T-Open	1424	Other	
			T-Pulled	1624	Total:	
			T-Out	1756		

Approved By _____

Our Representative Paul Simpson

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

№ 18397

Test Ticket

Well Name & No. Redetzke #1 Test No. 2 Date 1/26/04

Company Prospect Oil and Gas Zone Tested ar Bukle

Address Box 857 Russell Ks 67665 Elevation 1890 KB 1885 GL

Co. Rep / Geo. Brad Hutchison Cont. Von Fell DT Est. Ft. of Pay _____ Por. _____ %

Location: Sec. 21 Twp. 15 S Rge. 13 W Co. Russell State Ks

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

Interval Tested 3309 TO 3341 Initial Str Wt./Lbs. 36,000 Unseated Str Wt/Lbs. 38,000

Anchor Length 32' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 40,000

Top Packer Depth 3304 Tool Weight 200

Bottom Packer Depth 3309 Hole Size 7 7/8" Rubber Size 6 3/4"

Total Depth 3341 Wt. Pipe Run _____ Drill Collar Run _____

Mud Wt. 9.2 LCM TR Vis. 48 WL 8 Drill Pipe Size 4½ Ft. Run 3321

Blow Description Off bottom of bucket in 6:00 min.

ISI weak ⅛" blow

FF- 1" blow building to bottom of bucket in 8 minutes

Recovery - Total Feet 530 GIP 180 Ft. in DC _____ Ft. in DP _____

Rec.	120	Feet of	Hocm	%gas	30	%oil		%water	70 %mud
Rec.	410	Feet of	clean oil	%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 113 °F Gravity 36 °API D @ 40 °F Corrected Gravity 38 °API

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

	AK-1	Alpine				
(A)Initital Hydrostatic Mud			PSI	Recorder No.	6668	Test
(B) First Initial Flow Pressure			PSI	(depth)	3313	Elec. Rec.
(C) First Final Flow Pressure			PSI	Recorder No.	11085	Jars
(D) Initial Shut-In Pressure			PSI	(depth)		Safety Jt.
(E) Second Initial Flow Pressure			PSI	Recorder No.		Circ Sub
(F) Second Final Flow Pressure			PSI	(depth)		Sampler
(G) Final Shut-In Pressure			PSI	**Initial Opening**	30	Straddle
(Q) Final Hydrostatic Mud			PSI	Initial Shut-In	45	Ext. Packer
				Final Flow	30	Shale Packer
				Final Shut-In	45	Mileage 37
				T-On Location		Sub Total:
				T-Started	15:30	Std. By 92.40
				T-Open	17:31	Other
				T-Pulled		Total:
				T-Out		

Approved By _____

Our Representative Del Simpson

CHART PAGE

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