

DRILL STEM TEST REPORT

Prepared For: **Prospect Oil & Gas Inc.**

P.O. Box 837
Russell, KS 67665

ATTN: Brad Hunchinson

32-14s-15w Russell

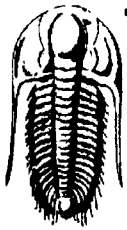
Schmitt #1

Start Date: 2005.12.06 @ 11:03:03

End Date: 2005.12.06 @ 19:41:47

Job Ticket #: 23377 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

Prospect Oil & Gas Inc.

Schmitt #1

P.O. Box 837
Russell, KS 67665

32-14s-15w Russell

Job Ticket: 23377

DST#: 1

ATTN: Brad Hutchinson

Test Start: 2005.12.06 @ 11:03:03

GENERAL INFORMATION:

Formation: **LKC "A & B"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:00:02

Time Test Ended: 19:41:47

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 15

Interval: **3110.00 ft (KB) To 3170.00 ft (KB) (TVD)**

Reference Elevations: 1907.00 ft (KB)

Total Depth: 3170.00 ft (KB) (TVD)

1902.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 6799 Inside

Press@RunDepth: 102.87 psig @ 3122.01 ft (KB)

Capacity: 7000.00 psig

Start Date: 2005.12.06

End Date: 2005.12.06

Last Calib.: 2005.12.06

Start Time: 11:03:03

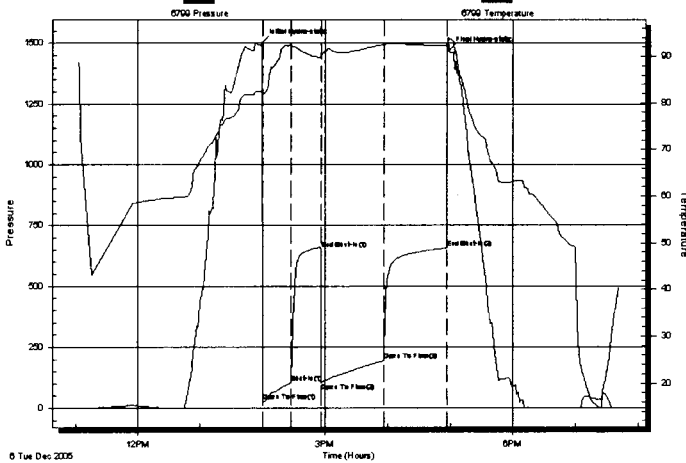
End Time: 19:41:47

Time On Btm: 2005.12.06 @ 13:59:17

Time Off Btm: 2005.12.06 @ 16:58:02

TEST COMMENT: FFP - weak to strong blow - 1" - bottom in 14 min
 ISI - no blow back
 FFP - weak blow throughout - surface to 1"
 FSI - weak blow back - surface blow 10 min.

Pressure vs. Time



PRESSURE SUMMARY

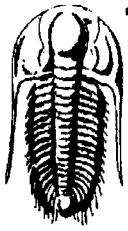
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1500.48	82.40	Initial Hydro-static
1	27.99	81.75	Open To Flow (1)
28	102.87	92.56	Shut-In(1)
57	653.22	89.74	End Shut-In(1)
58	103.96	90.14	Open To Flow (2)
117	193.76	92.51	Open To Flow (3)
177	656.64	92.18	End Shut-In(2)
179	1468.30	93.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	OCM 5% G, 20% O, 75% M	1.26
125.00	OCMW 5% G, 15% O, 20% M, 60% W	1.75
155.00	OCMW 10% G, 10% O, 30% M, 50% W	2.17

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil & Gas Inc.

Schmitt #1

P.O. Box 837
Russell, KS 67665

32-14s-15w Russell

Job Ticket: 23377

DST#: 1

ATTN: Brad Hunchinson

Test Start: 2005.12.06 @ 11:03:03

Tool Information

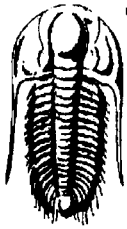
Drill Pipe:	Length: 3122.00 ft	Diameter: 3.80 inches	Volume: 43.79 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 51000.00 lb
			<u>Total Volume: 43.79 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 30000.00 lb
Depth to Top Packer:	3110.00 ft			Final 34000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	60.02 ft			
Tool Length:	80.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3095.00	
Hydraulic tool	5.00			3100.00	
Packer	5.00			3105.00	20.00 Bottom Of Top Packer
Packer	5.00			3110.00	
Blank Spacing	1.00			3111.00	
Perforations	10.00			3121.00	
Change Over Sub	1.00			3122.00	
Recorder	0.01	6799	Inside	3122.01	
Blank Spacing	30.00			3152.01	
Change Over Sub	1.00			3153.01	
Perforations	14.00			3167.01	
Recorder	0.01	13548	Outside	3167.02	
Bullnose	3.00			3170.02	60.02 Bottom Packers & Anchor

Total Tool Length: 80.02



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas Inc.

Schmitt #1

P.O. Box 837
Russell, KS 67665

32-14s-15w Russell

Job Ticket: 23377

DST#: 1

ATTN: Brad Hunchinson

Test Start: 2005.12.06 @ 11:03:03

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: 44.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.75 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
90.00	OCM 5% G, 20% O, 75% M	1.262
125.00	OCMW 5% G, 15% O, 20% M, 60% W	1.753
155.00	OCMW 10% G, 10% O, 30% M, 50% W	2.174

Total Length: 370.00 ft

Total Volume: 5.189 bbf

Num Fluid Samples: 0

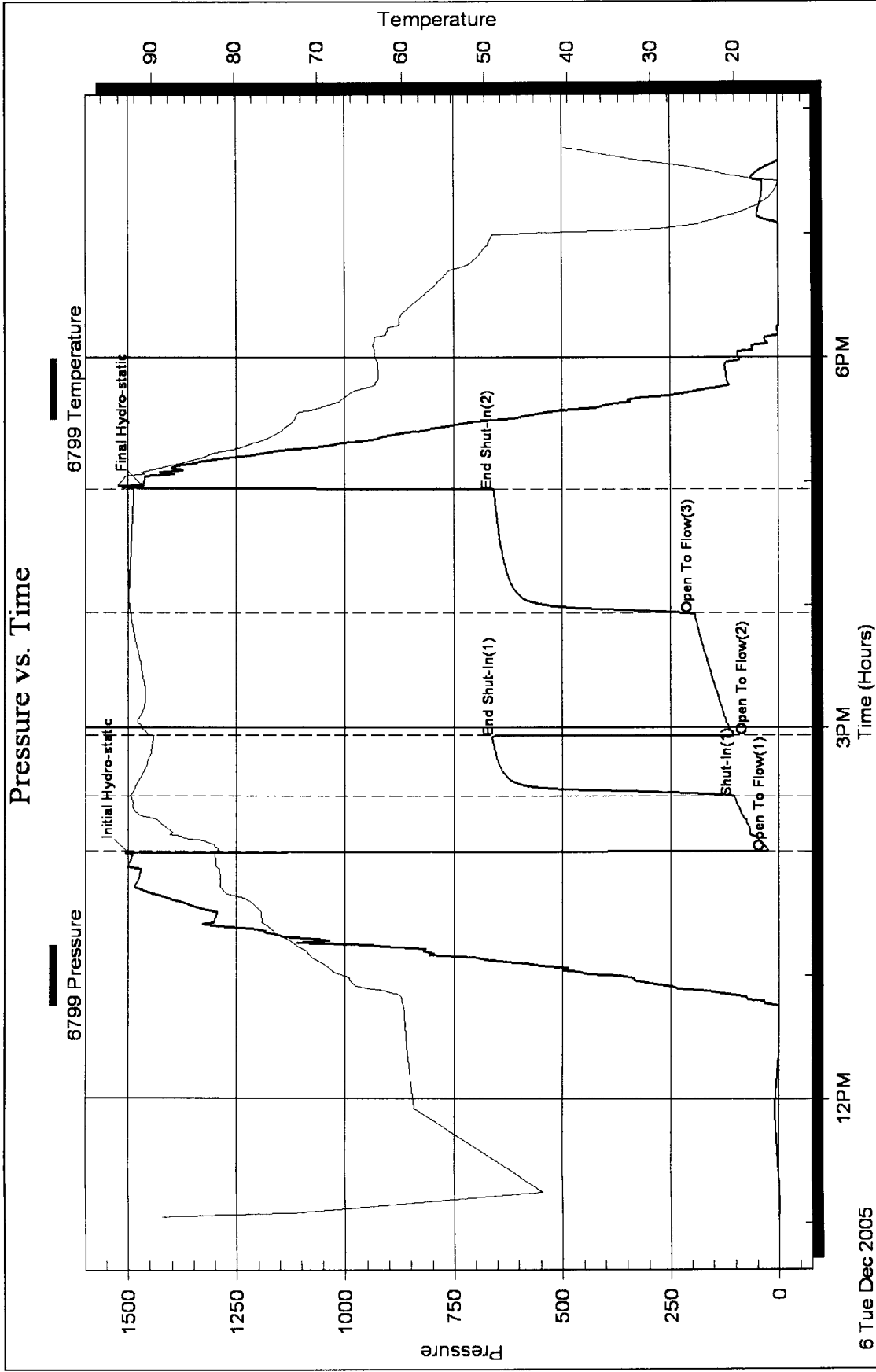
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 500' GP





DRILL STEM TEST REPORT

Prepared For: **Prospect Oil & Gas Inc.**

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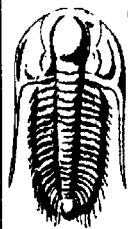
Schmitt #1

Start Date: 2005.12.07 @ 05:37:10

End Date: 2005.12.07 @ 14:51:24

Job Ticket #: 23378 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

Prospect Oil & Gas Inc.

Schmitt #1

P.O. Box 837
Russell, KS 67665

32-14s-15w Russell

Job Ticket: 23378

DST#: 2

ATTN: Brad Hutchinson

Test Start: 2005.12.07 @ 05:37:10

GENERAL INFORMATION:

Formation: LKC "E"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:28:39

Time Test Ended: 14:51:24

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 15

Interval: 3185.00 ft (KB) To 3206.00 ft (KB) (TVD)

Total Depth: 3206.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1907.00 ft (KB)

1902.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6799

Inside

Press@RunDepth: 82.05 psig @ 3186.01 ft (KB)

Start Date: 2005.12.07 End Date: 2005.12.07

Start Time: 05:37:10 End Time: 14:51:24

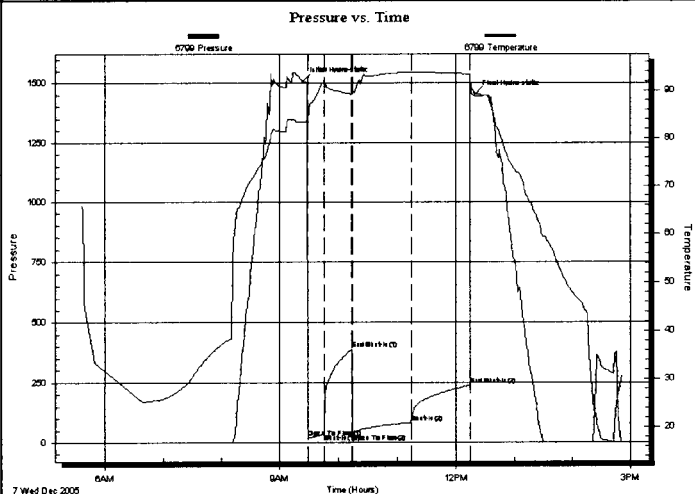
Capacity: 7000.00 psig

Last Calib.: 2005.12.07

Time On Btm: 2005.12.07 @ 09:23:54

Time Off Btm: 2005.12.07 @ 12:20:24

TEST COMMENT: FP - weak to good blow - 1/4" - 7 1/2"
ISI - no blow for 15 min, 4 min surface blow, no blow back
FFP - bottom in 14 min.
FSI - weak blow throughout - 1/4 - 1 1/2"



PRESSURE SUMMARY

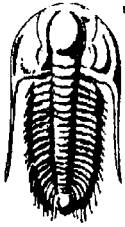
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1507.81	83.32	Initial Hydro-static
5	19.33	83.34	Open To Flow (1)
22	35.30	91.56	Shut-In(1)
50	388.84	89.19	End Shut-In(1)
51	38.32	89.55	Open To Flow (2)
111	82.05	93.73	Shut-In(2)
171	237.10	93.39	End Shut-In(2)
177	1455.25	88.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	HOCMV 2% G, 45% O, 15% W, 38% M	0.07
25.00	OCMV 14% G, 13% O, 25% W, 48% M	0.35
110.00	VSOCMV 28% G, 2% O, 40% W, 30% M	1.54
10.00	MW 17% G, 0% O, 23% W, 60% M	0.14

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil & Gas Inc.

Schmitt #1

P.O. Box 837
Russell, KS 67665

32-14s-15w Russell

Job Ticket: 23378

DST#: 2

ATTN: Brad Hunchinson

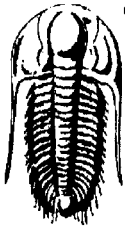
Test Start: 2005.12.07 @ 05:37:10

Tool Information

Drill Pipe:	Length: 3196.00 ft	Diameter: 3.80 inches	Volume: 44.83 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 54000.00 lb
			<u>Total Volume: 44.83 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 31000.00 lb
Depth to Top Packer:	3185.00 ft			Final 36000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	21.02 ft			
Tool Length:	41.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			3170.00	
Hydraulic tool	5.00			3175.00	
Packer	5.00			3180.00	20.00 Bottom Of Top Packer
Packer	5.00			3185.00	
Blank Spacing	1.00			3186.00	
Recorder	0.01	6799	Inside	3186.01	
Perforations	17.00			3203.01	
Recorder	0.01	13548	Outside	3203.02	
Bullnose	3.00			3206.02	21.02 Bottom Packers & Anchor
Total Tool Length:	41.02				



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DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas Inc.

Schmitt #1

P.O. Box 837
Russell, KS 67665

32-14s-15w Russell

Job Ticket: 23378

DST#: 2

ATTN: Brad Hunchinson

Test Start: 2005.12.07 @ 05:37:10

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: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.16 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	HOCMW 2% G, 45% O, 15% W, 38% M	0.070
25.00	OCMW 14% G, 13% O, 25% W, 48% M	0.351
110.00	VSOCMW 28% G, 2% O, 40% W, 30%	1.543
10.00	MW 17% G, 0% O, 23% W, 60% M	0.140

Total Length: 150.00 ft

Total Volume: 2.104 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 720' GIP

Serial #: 6799

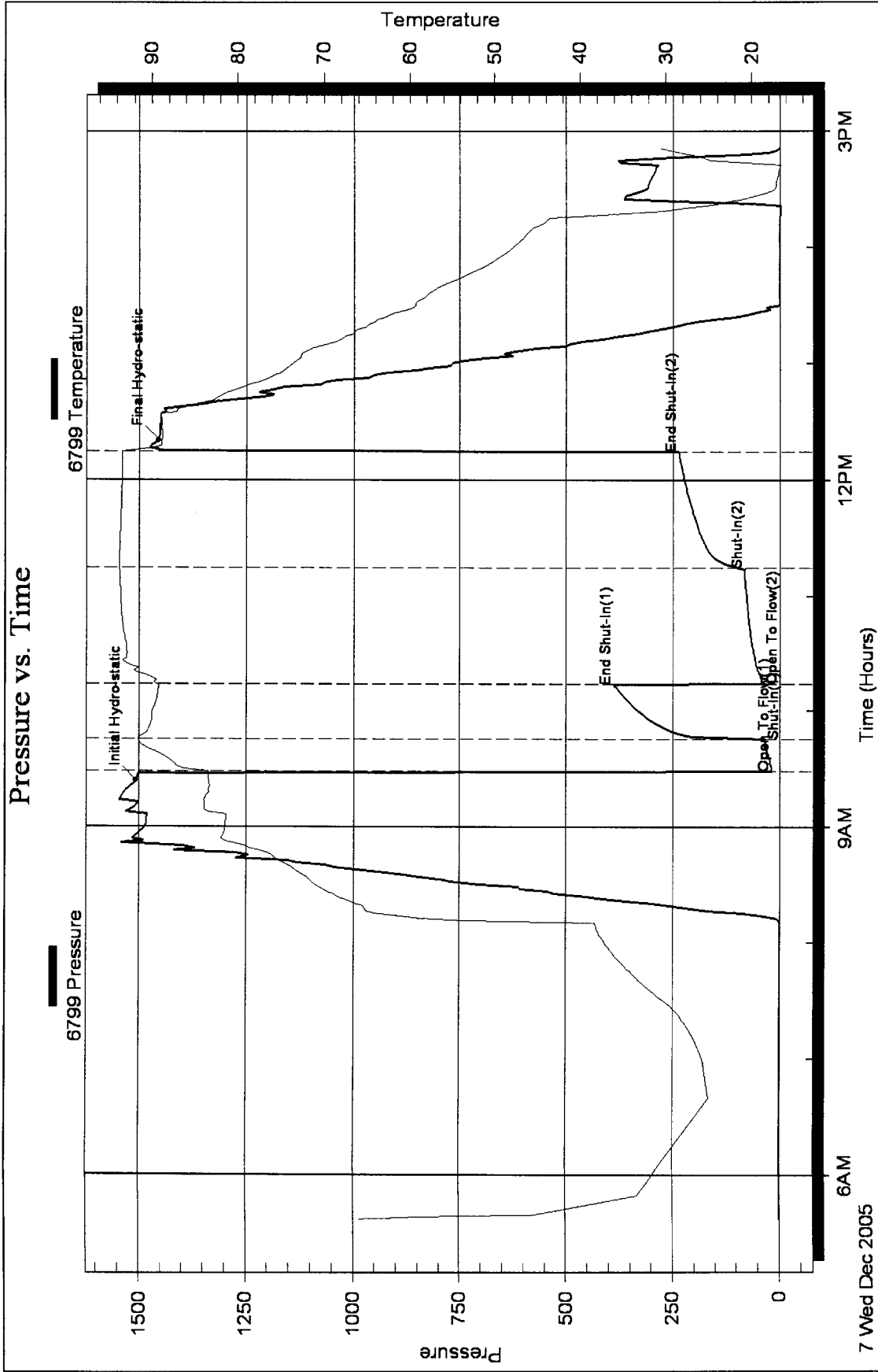
Inside

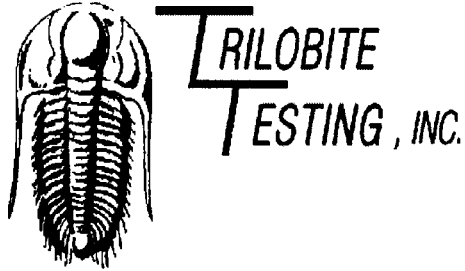
Prospect Oil & Gas Inc.

32-14s-15w Russell

DST Test Number: 2

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Prospect Oil & Gas Inc.**

P.O. Box 837
Russell, KS 67665

ATTN: Brad Hunchinson

32-14s-15w Russell

Schmitt #1

Start Date: 2005.12.08 @ 05:47:34

End Date: 2005.12.08 @ 12:40:03

Job Ticket #: 23379 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Prospect Oil & Gas Inc.

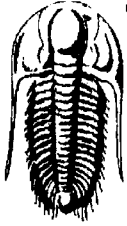
Schmitt #1

32-14s-15w Russell

DST # 3

LKC "I, J"

2005.12.08



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Prospect Oil & Gas Inc.

Schmitt #1

P.O. Box 837
Russell, KS 67665

32-14s-15w Russell

Job Ticket: 23379

DST#: 3

ATTN: Brad Hunchinson

Test Start: 2005.12.08 @ 05:47:34

GENERAL INFORMATION:

Formation: **LKC "I, J"**

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

Time Tool Opened: 08:23:48

Time Test Ended: 12:40:03

Test Type: **Conventional Bottom Hole**

Tester: **Brian Fairbank**

Unit No: **15**

Interval: **3281.00 ft (KB) To 3335.00 ft (KB) (TVD)**

Reference Elevations: **1907.00 ft (KB)**

Total Depth: **3170.00 ft (KB) (TVD)**

1902.00 ft (CF)

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

KB to GR/CF: **5.00 ft**

Serial #: 6799

Inside

Press@RunDepth: **23.02 psig @ 3293.01 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2005.12.08**

End Date: **2005.12.08**

Last Calib.: **2005.12.08**

Start Time: **05:47:34**

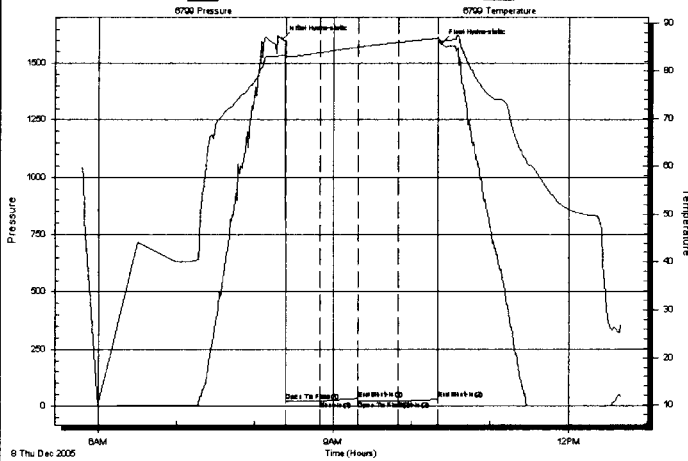
End Time: **12:40:03**

Time On Btm: **2005.12.08 @ 08:21:03**

Time Off Btm: **2005.12.08 @ 10:23:18**

TEST COMMENT: FFP- weak blow - surface 1/4"
ISI - no blow for 15 min. 5 min. blow
FFP intermittent surface blow
FSI - no blow back

Pressure vs. Time



PRESSURE SUMMARY

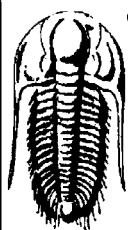
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1606.46	83.26	Initial Hydro-static
3	19.93	82.73	Open To Flow (1)
29	20.33	83.84	Shut-In(1)
58	30.71	85.00	End Shut-In(1)
59	21.80	85.01	Open To Flow (2)
89	23.02	86.02	Shut-In(2)
120	28.27	86.88	End Shut-In(2)
123	1588.95	86.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud 100%	0.14

Gas Rates

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



**TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil & Gas Inc.

Schmitt #1

P.O. Box 837
Russell, KS 67665

32-14s-15w Russell

Job Ticket: 23379

DST#: 3

ATTN: Brad Hunchinson

Test Start: 2005.12.08 @ 05:47:34

Tool Information

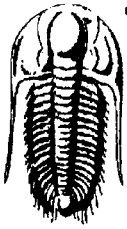
Drill Pipe:	Length: 3291.00 ft	Diameter: 3.80 inches	Volume: 46.16 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 46.16 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 31000.00 lb
Depth to Top Packer:	3281.00 ft			Final 36000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	54.02 ft			
Tool Length:	74.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3266.00	
Hydraulic tool	5.00			3271.00	
Packer	5.00			3276.00	20.00 Bottom Of Top Packer
Packer	5.00			3281.00	
Stubb	1.00			3282.00	
Perforations	10.00			3292.00	
Change Over Sub	1.00			3293.00	
Recorder	0.01	6799	Inside	3293.01	
Blank Spacing	30.00			3323.01	
Change Over Sub	1.00			3324.01	
Perforations	8.00			3332.01	
Recorder	0.01	13548	Outside	3332.02	
Bullnose	3.00			3335.02	54.02 Bottom Packers & Anchor

Total Tool Length: 74.02



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Job Ticket: 23379

DST#: 3

ATTN: Brad Hunchinson

Test Start: 2005.12.08 @ 05:47:34

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: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.48 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 10000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud 100%	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:

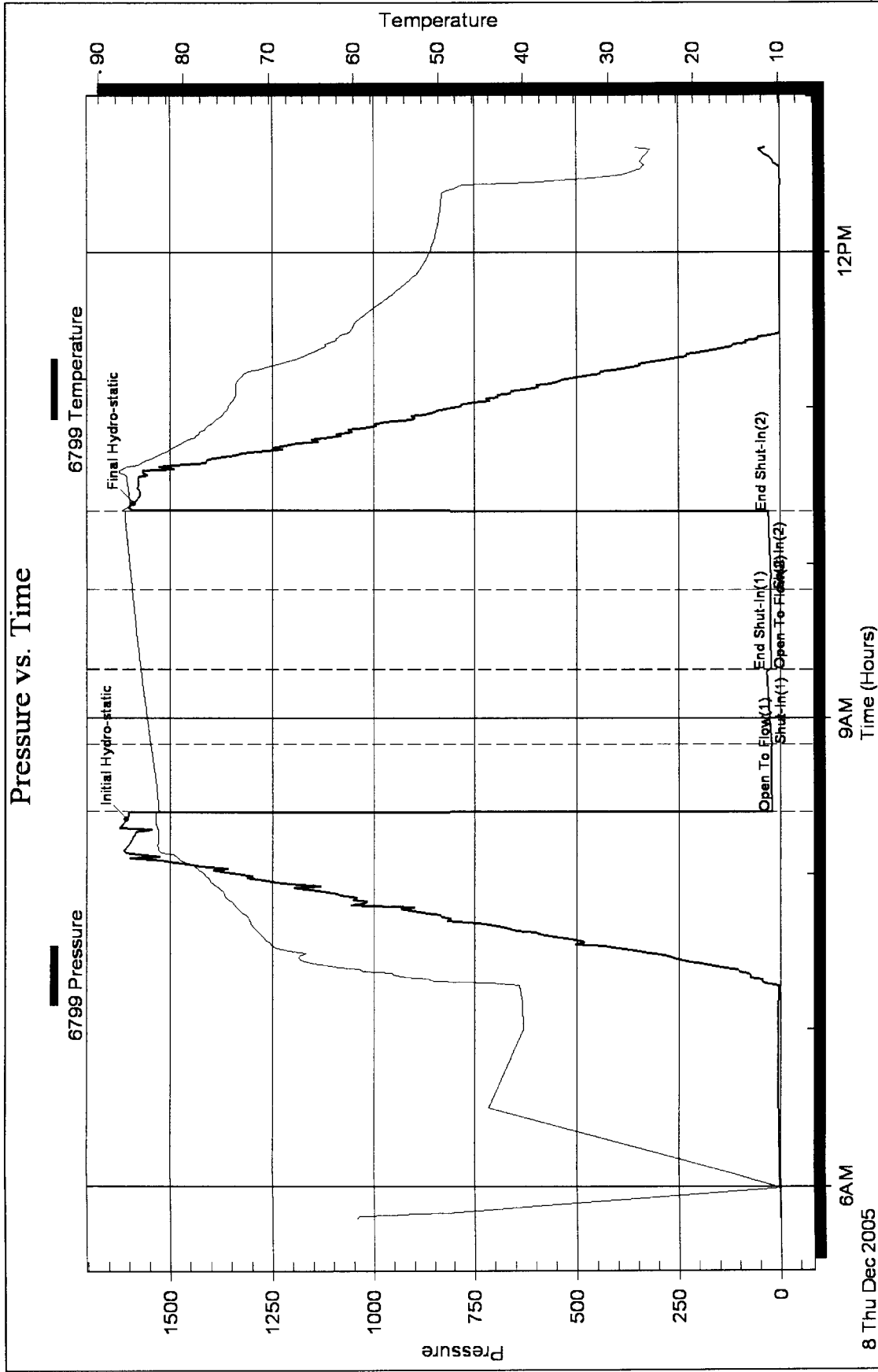


CHART PAGE

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

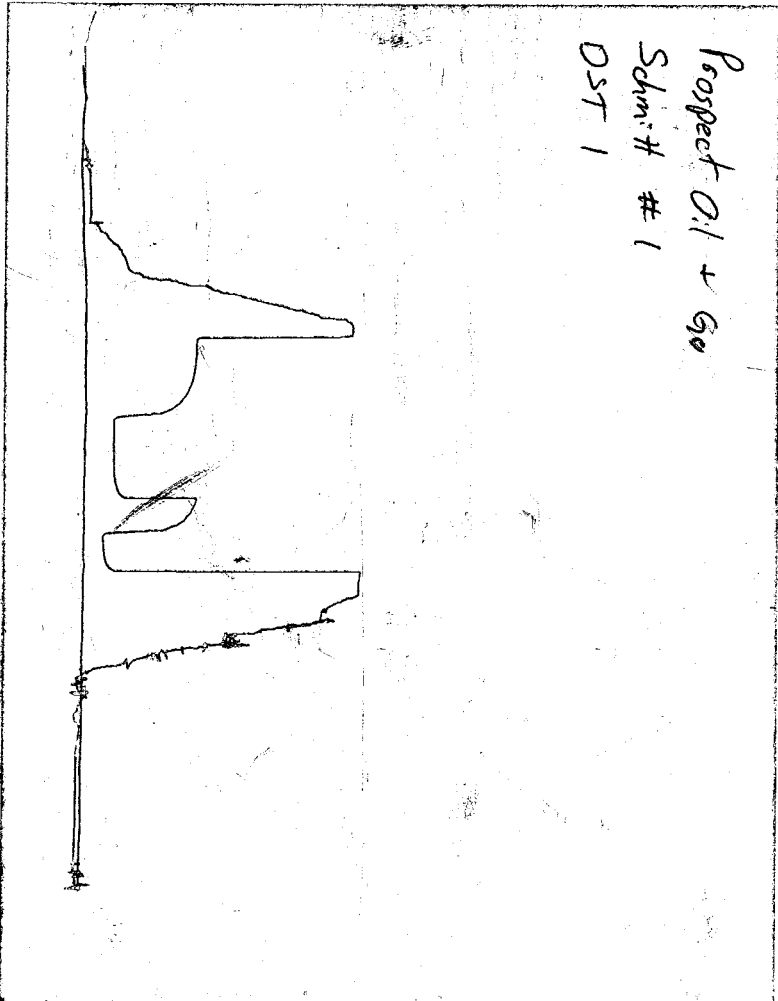


CHART PAGE

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

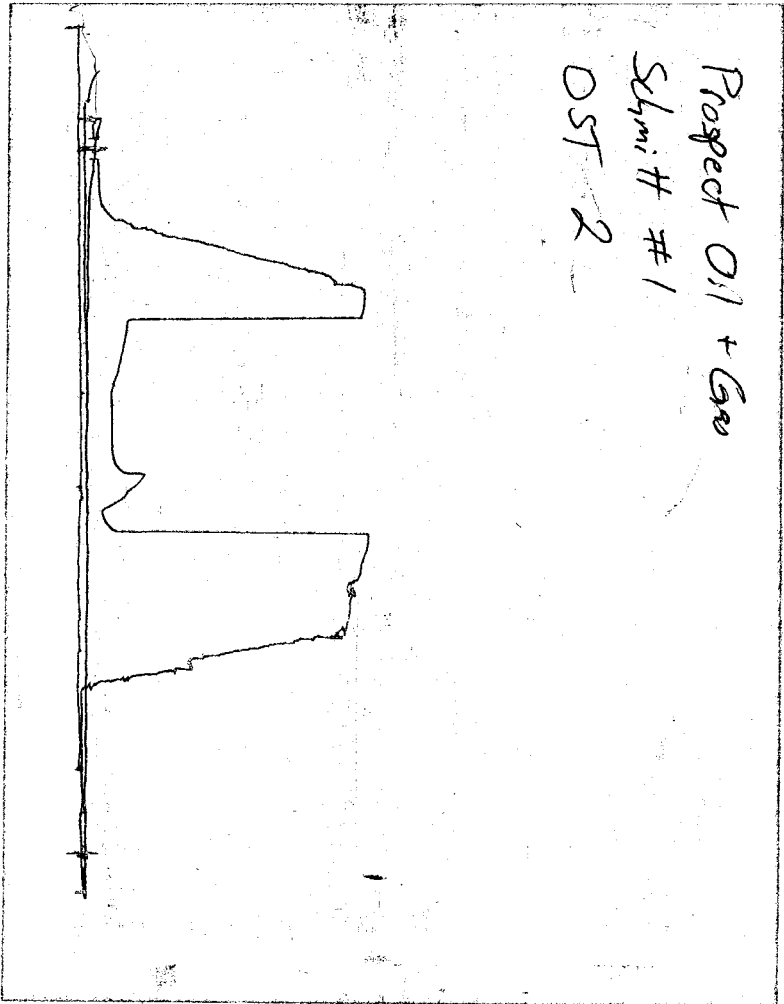


CHART PAGE

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

