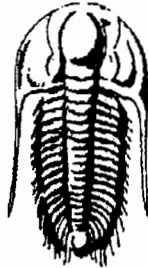


RECEIVED
KANSAS CORPORATION COMMISSION

SEP 03 2002

ORIGINAL
CONSERVATION DIVISION
WICHITA, KS



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Edmiston Oil Co. Inc.**

125 N. Market Ste. 1130
Wichita, KS 67202

ATTN: Max Lovely

24-29s-9w Kingman KS

Miller #1

Start Date: 2001.11.13 @ 01:35:25

End Date: 2001.11.13 @ 08:47:40

Job Ticket #: 15337 DST #: 1

24-29s-9w
SE NW SW

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Edmiston Oil Co. Inc.

Miller #1

24-29s-9w Kingman KS

DST # 1

Swope

2001.11.13

ORIGINAL



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Edmiston Oil Co. Inc.

Miller #1

125 N. Market Ste. 1130
Wichita, KS 67202

24-29s-9w Kingman KS

Job Ticket: 15337

DST#: 1

ATTN: Max Lovely

Test Start: 2001.11.13 @ 01:35:25

GENERAL INFORMATION:

Formation: **Swope**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:17:40

Time Test Ended: 08:47:40

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 13

Interval: **3922.00 ft (KB) To 3950.00 ft (KB) (TVD)**

Reference Elevations: 1688.00 ft (KB)

Total Depth: 3950.00 ft (KB) (TVD)

1600.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 88.00 ft

Serial #: **2342**

Inside

Press@RunDepth: 95.25 psig @ 3923.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2001.11.13

End Date:

2001.11.13

Last Calib.:

2001.11.13

Start Time: 01:35:26

End Time:

08:47:40

Time On Btm:

2001.11.13 @ 03:07:25

Time Off Btm:

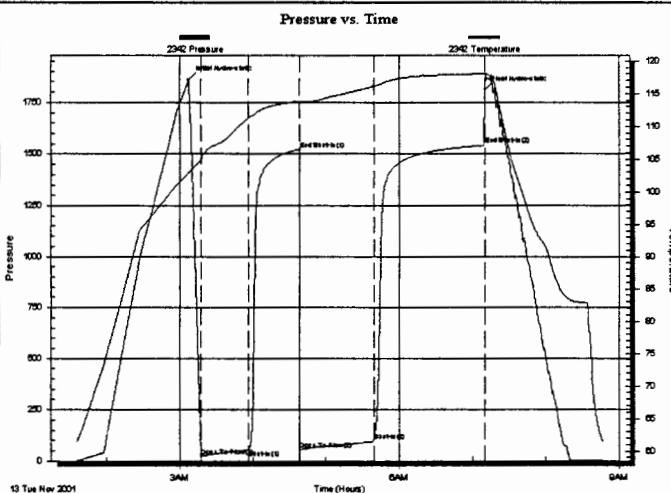
2001.11.13 @ 07:10:25

TEST COMMENT: IF: Weak to fair blow. Slow increase to 7".

IS: No blow.

FF: Weak blow. Slow increase to 6".

FS: No blow.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1859.50	103.06	Initial Hydro-static
11	24.58	105.01	Open To Flow (1)
50	56.14	111.30	Shut-In(1)
91	1518.33	113.85	End Shut-In(1)
91	56.14	113.83	Open To Flow (2)
152	95.25	116.12	Shut-In(2)
243	1541.75	118.05	End Shut-In(2)
243	1810.15	118.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MV 12% m 821% w Rw .11 ohms @ 46 c1.68	
40.00	WM 12% w 88% m	0.56
0.00	Thin layer of oil @ top of recovery	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Edmiston Oil Co. Inc.

125 N. Market Ste. 1130
Wichita, KS 67202

ATTN: Max Lovely

Miller #1

24-29s-9w Kingman KS

Job Ticket: 15337

DST#: 1

Test Start: 2001.11.13 @ 01:35:25

Tool Information

Drill Pipe:	Length: 3898.00 ft	Diameter: 3.80 inches	Volume: 54.68 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: 52000.00 lb
			Total Volume: 54.68 bbl	Tool Chased 1.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3922.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.00 ft			
Tool Length:	55.00 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			3896.00	
S.I. Tool	5.00			3901.00	
HMV	5.00			3906.00	
Jars	5.00			3911.00	
Safety Joint	2.00			3913.00	
Packer	4.00			3917.00	27.00 Bottom Of Top Packer
Packer	5.00			3922.00	
Stubb	1.00			3923.00	
Recorder	0.00	2342	Inside	3923.00	
Perforations	22.00			3945.00	
Recorder	0.00	10248	Outside	3945.00	
Bullnose	5.00			3950.00	28.00 Bottom Packers & Anchor

Total Tool Length: 55.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Edmiston Oil Co. Inc.

Miller #1

125 N. Market Ste. 1130
Wichita, KS 67202

24-29s-9w Kingman KS

Job Ticket: 15337

DST#: 1

ATTN: Max Lovely

Test Start: 2001.11.13 @ 01:35:25

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:

96000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.57 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	MW 12% _m 821% _w _{Rw} .11 ohms @ 46 deg	1.683
40.00	WM 12% _w 88% _m	0.561
0.00	Thin layer of oil @ top of recovery	0.000

Total Length: 160.00 ft

Total Volume: 2.244 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

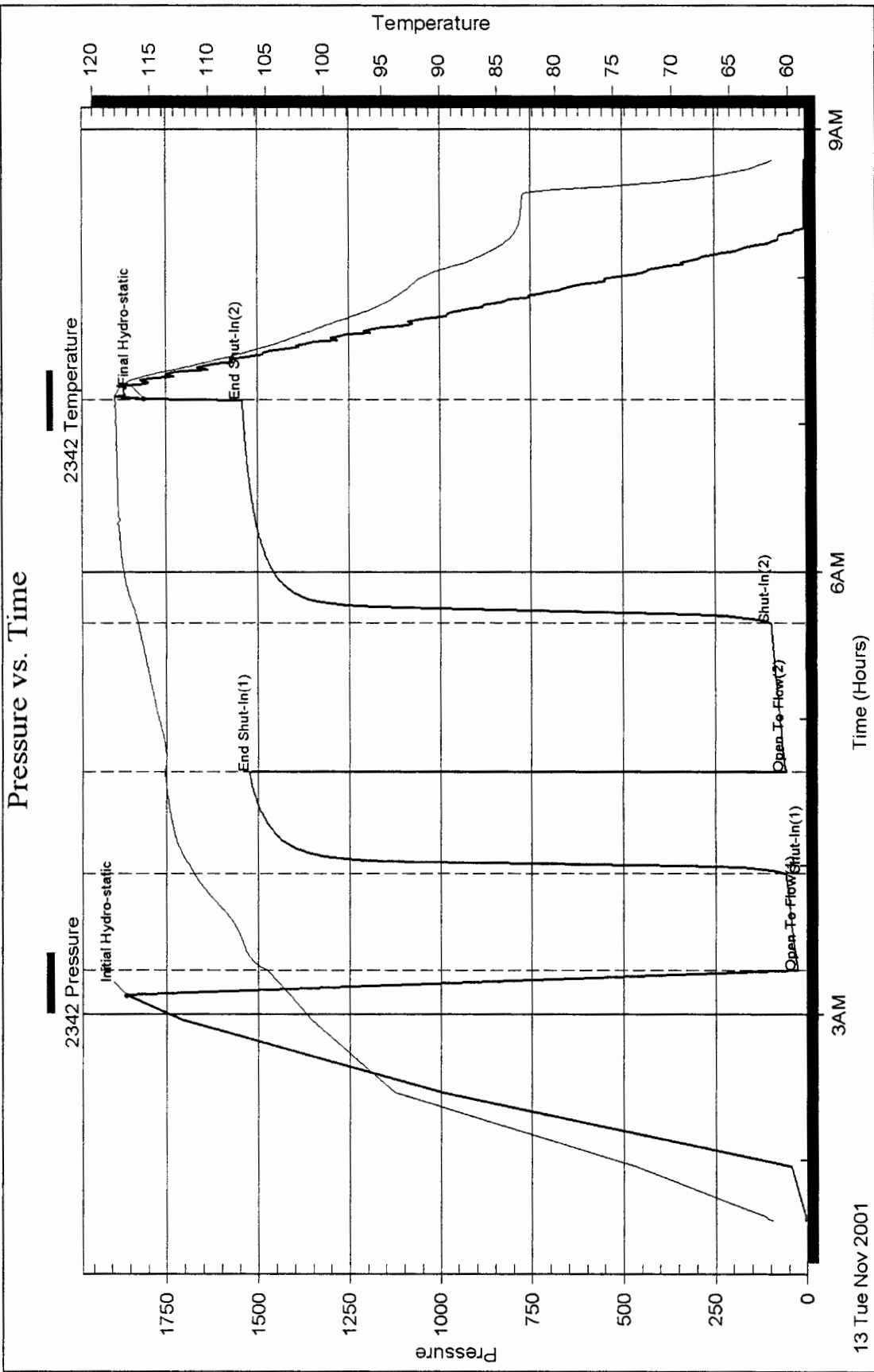
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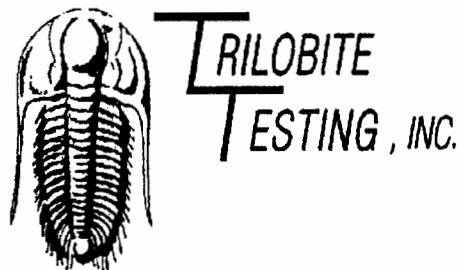
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Edmiston Oil Co.Inc.**

125 N.Market Ste.1130
Wichita, KS 67202

ATTN: Max Lovely

24-29s-9w Kingman KS

Miller #1

Start Date: 2001.11.13 @ 15:24:38

End Date: 2001.11.13 @ 23:14:53

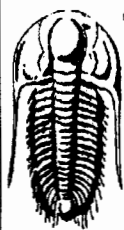
Job Ticket #: 15338

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

Edmiston Oil Co. Inc.

125 N. Market Ste. 1130
Wichita, KS 67202

ATTN: Max Lovely

Miller #1

24-29s-9w Kingman KS

Job Ticket: 15338

DST#: 2

Test Start: 2001.11.13 @ 15:24:38

GENERAL INFORMATION:

Formation: **Hertha**

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

Time Tool Opened: 17:26:38

Time Test Ended: 23:14:53

Test Type: **Conventional Bottom Hole**

Tester: **Gary Pevoteaux**

Unit No: **13**

Interval: **3964.00 ft (KB) To 3987.00 ft (KB) (TVD)**

Total Depth: **3987.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Poor**

Reference Elevations: **1688.00 ft (KB)**

1600.00 ft (CF)

KB to GR/CF: **88.00 ft**

Serial #: **2342**

Inside

Press@RunDepth: **181.19 psig @ 3965.00 ft (KB)**

Start Date: **2001.11.13**

End Date:

2001.11.13

Capacity: **7000.00 psig**

Last Calib.:

2001.11.13

Start Time: **15:24:39**

End Time:

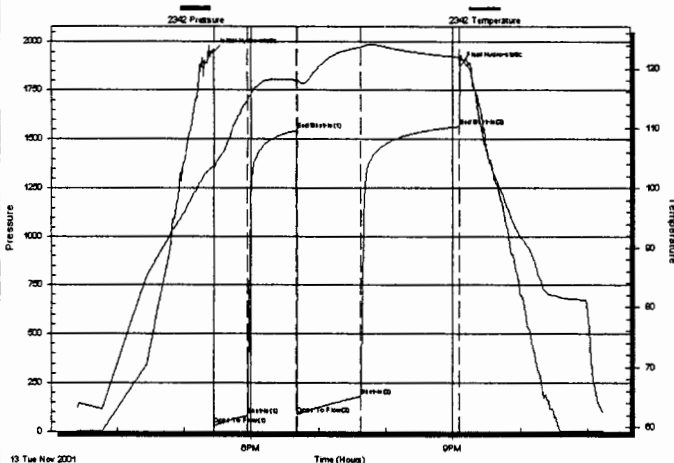
23:14:53

Time On Btm: **2001.11.13 @ 17:26:08**

Time Off Btm: **2001.11.13 @ 21:06:23**

TEST COMMENT: IF: Fair to strong blow . B.O.B. in 15 mins.
IS: Weak blow . 1/4 - 1/2".
FF: Fair to strong blow . B.O.B. in 26 mins.
FSI: No blow .

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1946.87	103.60	Initial Hydro-static
1	35.91	103.58	Open To Flow (1)
31	83.42	114.69	Shut-In(1)
75	1543.76	118.01	End Shut-In(1)
75	87.70	117.99	Open To Flow (2)
132	181.19	123.68	Shut-In(2)
220	1563.90	121.98	End Shut-In(2)
221	1877.37	121.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
185.00	Salt water Re 0.12 ohms @ 45 deg.	2.60
120.00	GMCW 15%g 20 %m 65%w	1.68
25.00	SOCWM 2%o 8%g 22%w 68%m	0.35

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Edmiston Oil Co. Inc.

Miller #1

125 N. Market Ste. 1130
Wichita, KS 67202

24-29s-9w Kingman KS

Job Ticket: 15338

DST#: 2

ATTN: Max Lovely

Test Start: 2001.11.13 @ 15:24:38

Tool Information

Drill Pipe:	Length:	3958.00 ft	Diameter:	3.80 inches	Volume:	55.52 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:	57000.00 lb
					Total Volume:	55.52 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		21.00 ft					String Weight: Initial	47000.00 lb
Depth to Top Packer:		3964.00 ft					Final	47500.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		23.00 ft						
Tool Length:		50.00 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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C.O. Sub	1.00			3938.00	
S.I. Tool	5.00			3943.00	
HMV	5.00			3948.00	
Jars	5.00			3953.00	
Safety Joint	2.00			3955.00	
Packer	4.00			3959.00	27.00 Bottom Of Top Packer
Packer	5.00			3964.00	
Stubb	1.00			3965.00	
Recorder	0.00	2342	Inside	3965.00	
Perforations	17.00			3982.00	
Recorder	0.00	10248	Outside	3982.00	
Bullnose	5.00			3987.00	23.00 Bottom Packers & Anchor

Total Tool Length: 50.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Edmiston Oil Co. Inc.

Miller #1

125 N. Market Ste. 1130
Wichita, KS 67202

24-29s-9w Kingman KS

Job Ticket: 15338

DST#: 2

ATTN: Max Lovely

Test Start: 2001.11.13 @ 15:24:38

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:

104000 ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.37 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
185.00	Salt water Re 0.12 ohms @ 45 deg.	2.595
120.00	GMCW 15%g 20 %m 65%w	1.683
25.00	SOCWM 2%o 8%g 22%w 68%m	0.351

Total Length: 330.00 ft

Total Volume: 4.629 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

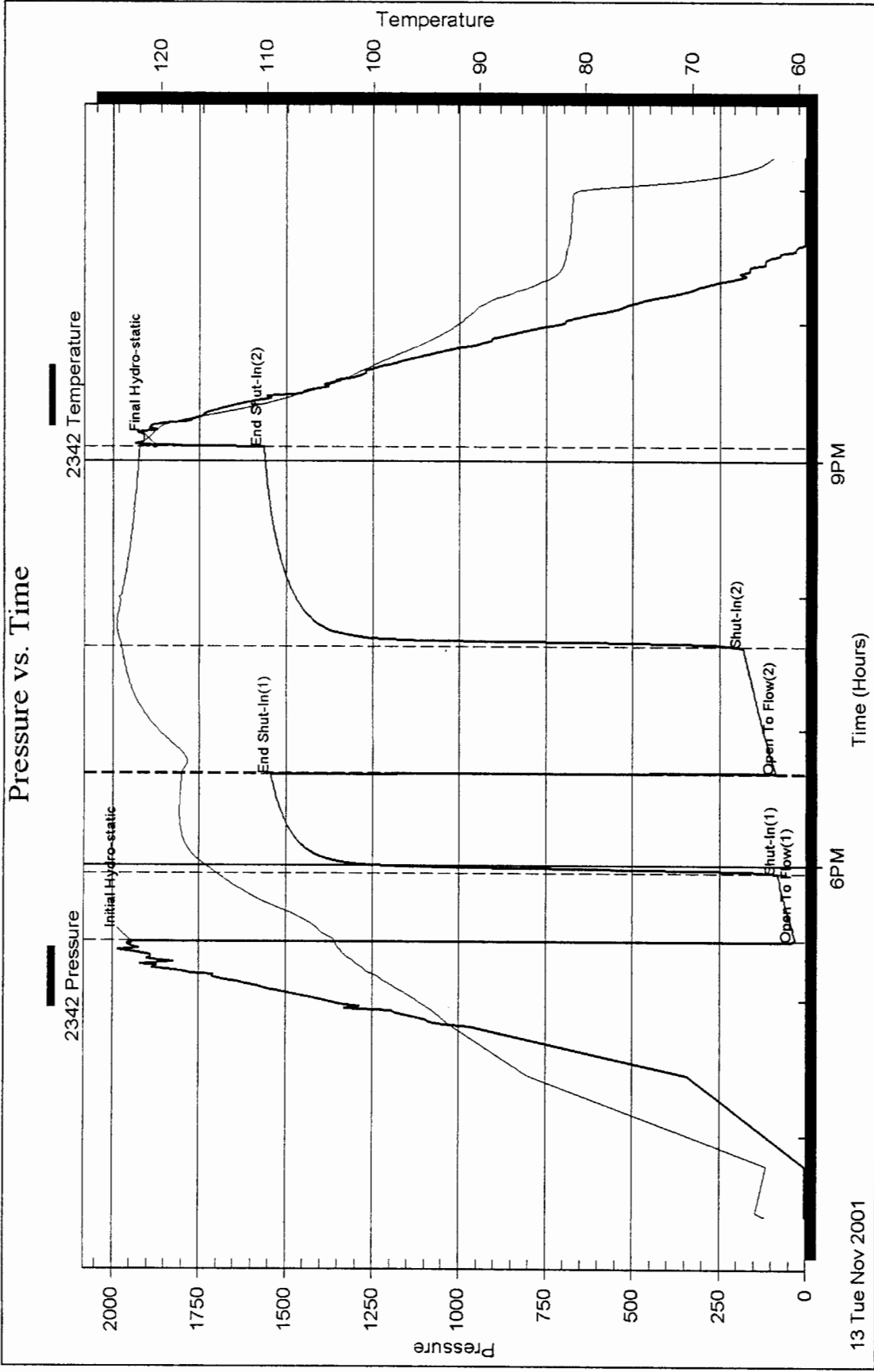
Serial #: 2342

Inside

Edmiston Oil Co. Inc.

24-29s-9w Kingman KS

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Edmiston Oil Co.Inc.**

125 N.Market Ste.1130
Wichita, KS 67202

ATTN: Max Lovely

24-29s-9w Kingman KS

Miller #1

Start Date: 2001.11.14 @ 22:24:07

End Date: 2001.11.14 @ 23:59:06

Job Ticket #: 15339

DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Edmiston Oil Co. Inc.

125 N. Market Ste. 1130
Wichita, KS 67202

ATTN: Max Lovely

Miller #1

24-29s-9w Kingman KS

Job Ticket: 15339

DST#: 3

Test Start: 2001.11.14 @ 22:24:07

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 23:59:06

Interval: **4209.00 ft (KB) To 4270.00 ft (KB) (TVD)**

Total Depth: **4270.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: Poor

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 13

Reference Elevations: **1688.00 ft (KB)**

1600.00 ft (CF)

KB to GR/CF: **88.00 ft**

Serial #: **2342** Inside

Press@RunDepth: psig @ **4210.00 ft (KB)**

Start Date: **2001.11.14**

End Date:

2001.11.14

Capacity: **7000.00 psig**

Last Calib.: **2001.11.13**

Start Time: **22:24:07**

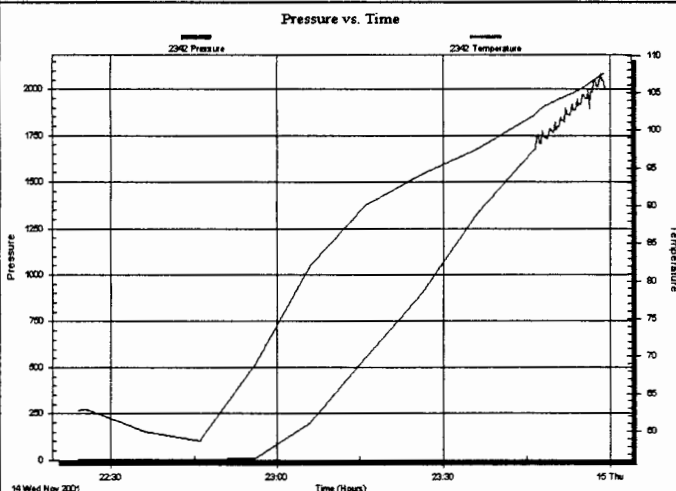
End Time:

23:59:06

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Strong blow . B.O.B. in 1.5 mins.
IS: No blow .
FF: Strong blow . GTS in 3 mins. (see gas volume report)
FS: No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
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Recovery

Length (ft)	Description	Volume (bbl)
90.00	Drilg. mud	1.26
		0.56
		0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	8.00	35.54
Last Gas Rate	0.25	5.00	30.78
Max. Gas Rate	0.25	8.00	35.54



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Edmiston Oil Co. Inc.

Miller #1

125 N. Market Ste. 1130
Wichita, KS 67202

24-29s-9w Kingman KS

Job Ticket: 15339

DST#: 3

ATTN: Max Lovely

Test Start: 2001.11.14 @ 22:24:07

Tool Information

Drill Pipe:	Length: 4206.00 ft	Diameter: 3.80 inches	Volume: 59.00 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: 105000.0 lb
			<u>Total Volume: 59.00 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4209.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	61.00 ft			
Tool Length:	88.00 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			4183.00	
S.I. Tool	5.00			4188.00	
HMV	5.00			4193.00	
Jars	5.00			4198.00	
Safety Joint	2.00			4200.00	
Packer	4.00			4204.00	27.00 Bottom Of Top Packer
Packer	5.00			4209.00	
Stubb	1.00			4210.00	
Recorder	0.00	2342	Inside	4210.00	
Perforations	2.00			4212.00	
C.O. Sub	1.00			4213.00	
Blank Spacing	31.00			4244.00	
C.O. Sub	1.00			4245.00	
Perforations	20.00			4265.00	
Recorder	0.00	10248	Outside	4265.00	
Bullnose	5.00			4270.00	61.00 Bottom Packers & Anchor

Total Tool Length: 88.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Edmiston Oil Co. Inc.

Miller #1

125 N. Market Ste. 1130
Wichita, KS 67202

24-29s-9w Kingman KS

Job Ticket: 15339

DST #: 3

ATTN: Max Lovely

Test Start: 2001.11.14 @ 22:24:07

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 46.00 sec/qt

Water Loss: 11.98 in³

Resistivity: 0.00 ohm.m

Salinity: 8000.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API

8000 ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	Drig.mud	1.262
		0.561
		0.000

Total Length: 90.00 ft

Total Volume: 1.823 bbl

Num Fluid Samples: 0

Num Gas Bombs: 1

Serial #: gp

Laboratory Name: Caraway

Laboratory Location: Liberal KS

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Edmiston Oil Co. Inc.

Miller #1

125 N. Market Ste. 1130
Wichita, KS 67202

24-29s-9w Kingman KS

Job Ticket: 15339

DST#: 3

ATTN: Max Lovely

Test Start: 2001.11.14 @ 22:24:07

Gas Rates Information

Temperature: 59 deg C

Relative Density: 0.65

Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
2	10	0.25	8.00	35.54
2	10	0.25	8.00	35.54
2	10	0.25	8.00	35.54
2	20	0.25	6.00	32.36
2	30	0.25	5.00	30.78

Serial #: 2342

Inside

Edmiston Oil Co. Inc.

24-29s-9w Kingman KS

DST Test Number: 3

Pressure vs. Time

