

**TRILOBITE
TESTING, INC.**

RELEASED
FROM
CONFIDENTIAL

DRILL STEM TEST REPORT

Prepared For: **Raydon Exploration, Inc.**

ORIGINAL
9400 N. Broadway, Ste 400
Oklahoma City, OK 73114

CONFIDENTIAL

ATTN: Keith Hill

28-34-31 Seward KS

^W
Max #1-28

Start Date: 2002.12.11 @ 02:46:46

End Date: 2002.12.11 @ 13:39:16

Job Ticket #: 16725 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

CONFIDENTIAL

93559

ORIGINAL



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Raydon Exploration, Inc.
9400 N. Broadway, Ste 400
Oklahoma City, OK 73114
ATTN: Keith Hill

Max #1-28
28-34-31 Seward KS
Job Ticket: 16725 **DST#: 1**
Test Start: 2002.12.11 @ 02:46:46

GENERAL INFORMATION:

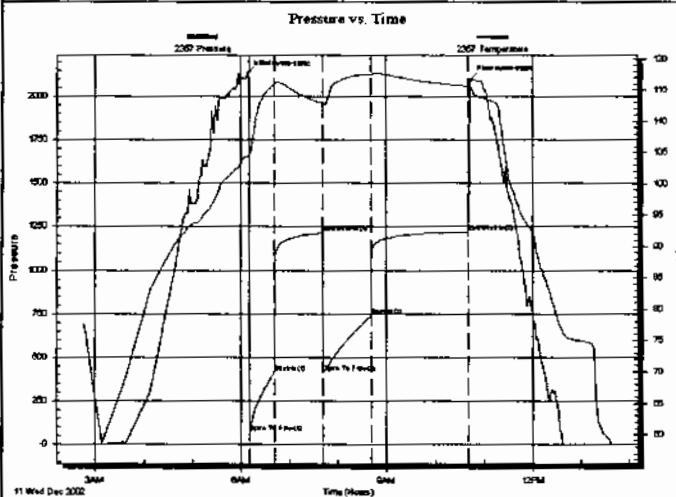
Formation: **Toronto**
Deviated: **No Whipstock** ft (KB)
Time Tool Opened: 06:10:46
Time Test Ended: 13:39:16
Test Type: **Conventional Bottom Hole**
Tester: **Dan Bangle**
Unit No: **21**
Interval: **4360.00 ft (KB) To 4420.00 ft (KB) (TVD)**
Reference Elevations: **2692.00 ft (KB)**
Total Depth: **4420.00 ft (KB) (TVD)** **2680.00 ft (CF)**
Hole Diameter: **7.88 inches** Hole Condition: **Good** **KB to GR/CF: 12.00 ft**

Serial #: 2357

Inside

Press@RunDepth: **737.90 psig @ 4365.00 ft (KB)** Capacity: **7000.00 psig**
Start Date: **2002.12.11** End Date: **2002.12.11** Last Calib.: **2002.12.11**
Start Time: **02:46:51** End Time: **13:39:16** Time On Btrr: **2002.12.11 @ 06:08:16**
Time Off Btrr: **2002.12.11 @ 10:44:16**

TEST COMMENT: **IF- Strong BOB in 5 min**
FF- Strong BOB in 10 min
Times-30-60-60-120



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2130.40	104.44	Initial Hydro-static
3	65.65	104.64	Open To Flow (1)
33	413.62	115.93	Shut-in(1)
93	1213.73	112.93	End Shut-in(1)
94	408.07	112.84	Open To Flow (2)
153	737.90	117.56	Shut-in(2)
273	1220.48	115.71	End Shut-in(2)
276	2099.69	115.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1365.00	Mdy Wtr 10% m 90% w	16.39

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Raydon Exploration, Inc.
9400 N. Broadway, Ste 400
Oklahoma City, OK 73114

ATTN: Keith Hill


Max #1-28
28-34-31 Seward KS
Job Ticket: 16725 DST#: 1
Test Start: 2002.12.11 @ 02:46:46

Tool Information

Drill Pipe:	Length: 4056.00 ft	Diameter: 3.80 inches	Volume: 56.90 bbl	Tool Weight: 2900.00 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: 303.00 ft	Diameter: 2.25 inches	Volume: 1.49 bbl	Weight to Pull Loose: 80000.00 lb
			Total Volume: 58.39 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4360.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	61.00 ft			
Tool Length:	89.00 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			4333.00	
S.I. Tool	5.00			4338.00	
HMV	5.00			4343.00	
Jars	5.00			4348.00	
Safety Joint	2.00			4350.00	
Packer	5.00			4355.00	28.00 Bottom Of Top Packer
Packer	5.00			4360.00	
Stubb	1.00			4361.00	
Perforations	3.00			4364.00	
C.O. Sub	1.00			4365.00	
Recorder	0.00	2357	Inside	4365.00	
Blank Spacing	31.00			4396.00	
C.O. Sub	1.00			4397.00	
Recorder	0.00	13254	Outside	4397.00	
Perforations	21.00			4418.00	
Bullnose	3.00			4421.00	61.00 Bottom Packers & Anchor
Total Tool Length:	89.00				

 TRILOBITE TESTING, INC		DRILL STEM TEST REPORT		FLUID SUMMARY							
		Raydon Exploration, Inc.		Max #1-28							
9400 N. Broadway, Ste 400 Oklahoma City, OK 73114		28-34-31 Seward KS		Job Ticket: 16725 DST#: 1							
ATTN: Keith Hill		Test Start: 2002.12.11 @ 02:46:46									
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:	31000 ppm						
Viscosity:	40.00 sec/qt	Cushion Volume:	bbbl								
Water Loss:	17.15 in ³	Gas Cushion Type:									
Resistivity:	ohm.m	Gas Cushion Pressure:	psig								
Salinity:	3500.00 ppm										
Filter Cake:	inches										
Recovery Information											
Recovery Table											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">Length ft</th> <th style="width: 60%;">Description</th> <th style="width: 20%;">Volume bbbl</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1365.00</td> <td>Mdy Wtr 10% m 90% w</td> <td style="text-align: center;">16.387</td> </tr> </tbody> </table>						Length ft	Description	Volume bbbl	1365.00	Mdy Wtr 10% m 90% w	16.387
Length ft	Description	Volume bbbl									
1365.00	Mdy Wtr 10% m 90% w	16.387									
Total Length:	1365.00 ft	Total Volume:	16.387 bbl								
Num Fluid Samples:	0	Num Gas Bombs:	0	Serial #:							
Laboratory Name:		Laboratory Location:									
Recovery Comments: Rw .21 @ 78 = 31000ppm											

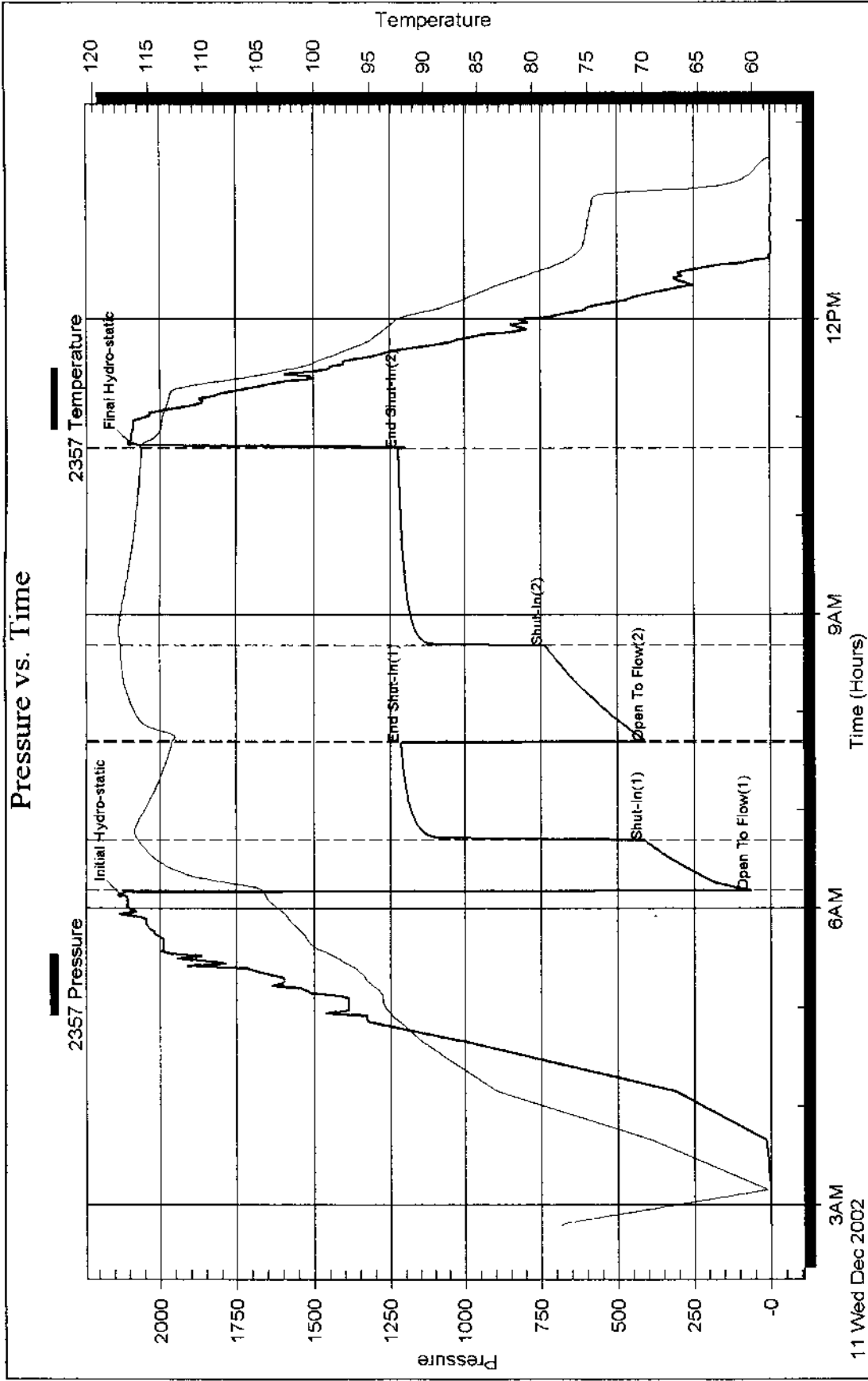
Serial #: 2357

Inside

Raydon Exploration, Inc.

28-34-31 Sew ard KS

DST Test Number: 1



11 Wed Dec 2002

Trilobite Testing, Inc

Ref. No: 16725

Printed: 2002.12.17 @ 10:34:34 Page 5



DRILL STEM TEST REPORT

Prepared For: **Raydon Exploration, Inc.**

9400 N. Broadway, Ste 400
Oklahoma City, OK 73114

ATTN: Keith Hill

28-34-31 Seward KS

Max #1-28

Start Date: 2002.12.12 @ 10:04:48

End Date: 2002.12.12 @ 19:43:48

Job Ticket #: 16801 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

TOOL DIAGRAM

Raydon Exploration, Inc.

Max #1-28

9400 N. Broadway, Ste 400
Oklahoma City, OK 73114

28-34-31 Seward KS

Job Ticket: 16801

DST#: 2

ATTN: Keith Hill

Test Start: 2002.12.12 @ 10:04:48


Tool Information

Drill Pipe:	Length: 4237.00 ft	Diameter: 3.80 inches	Volume: 59.43 bbl	Tool Weight: 3200.00 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: 303.00 ft	Diameter: 2.25 inches	Volume: 1.49 bbl	Weight to Pull Loose: 65000.00 lb
			Total Volume: 60.92 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4555.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	4580.00 ft			
Interval between Packers:	25.00 ft			
Tool Length:	107.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4528.00	
S.I. Tool	5.00			4533.00	
HMV	5.00			4538.00	
Jars	5.00			4543.00	
Safety Joint	2.00			4545.00	
Packer	5.00			4550.00	28.00 Bottom Of Top Packer
Packer	5.00			4555.00	
Stubb	1.00			4556.00	
Recorder	0.00	2357	Inside	4556.00	
Perforations	20.00			4576.00	
Recorder	0.00	13254	Outside	4576.00	
Blank Off Sub	1.00			4577.00	
Extension Sub	3.00			4580.00	25.00 Tool Interval
Packer	2.00			4582.00	
Stubb	1.00			4583.00	
Perforations	15.00			4598.00	
C.O. Sub	1.00			4599.00	
Blank Spacing	31.00			4630.00	
C.O. Sub	1.00			4631.00	
Recorder	0.00	13248	Outside	4631.00	
Bullnose	3.00			4634.00	54.00 Bottom Packers & Anchor

Total Tool Length: 107.00

 <p style="font-size: 2em; font-weight: bold; margin: 0;">TRILOBITE TESTING, INC</p>	DRILL STEM TEST REPORT	FLUID SUMMARY
	Raydon Exploration, Inc. 9400 N. Broadway, Ste 400 Oklahoma City, OK 73114 ATTN: Keith Hill	Max #1-28 28-34-31 Seward KS Job Ticket: 16801 DST#: 2 Test Start: 2002.12.12 @ 10:04:48

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: 8.38 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3700.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	DM	0.344

Total Length: 70.00 ft Total Volume: 0.344 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

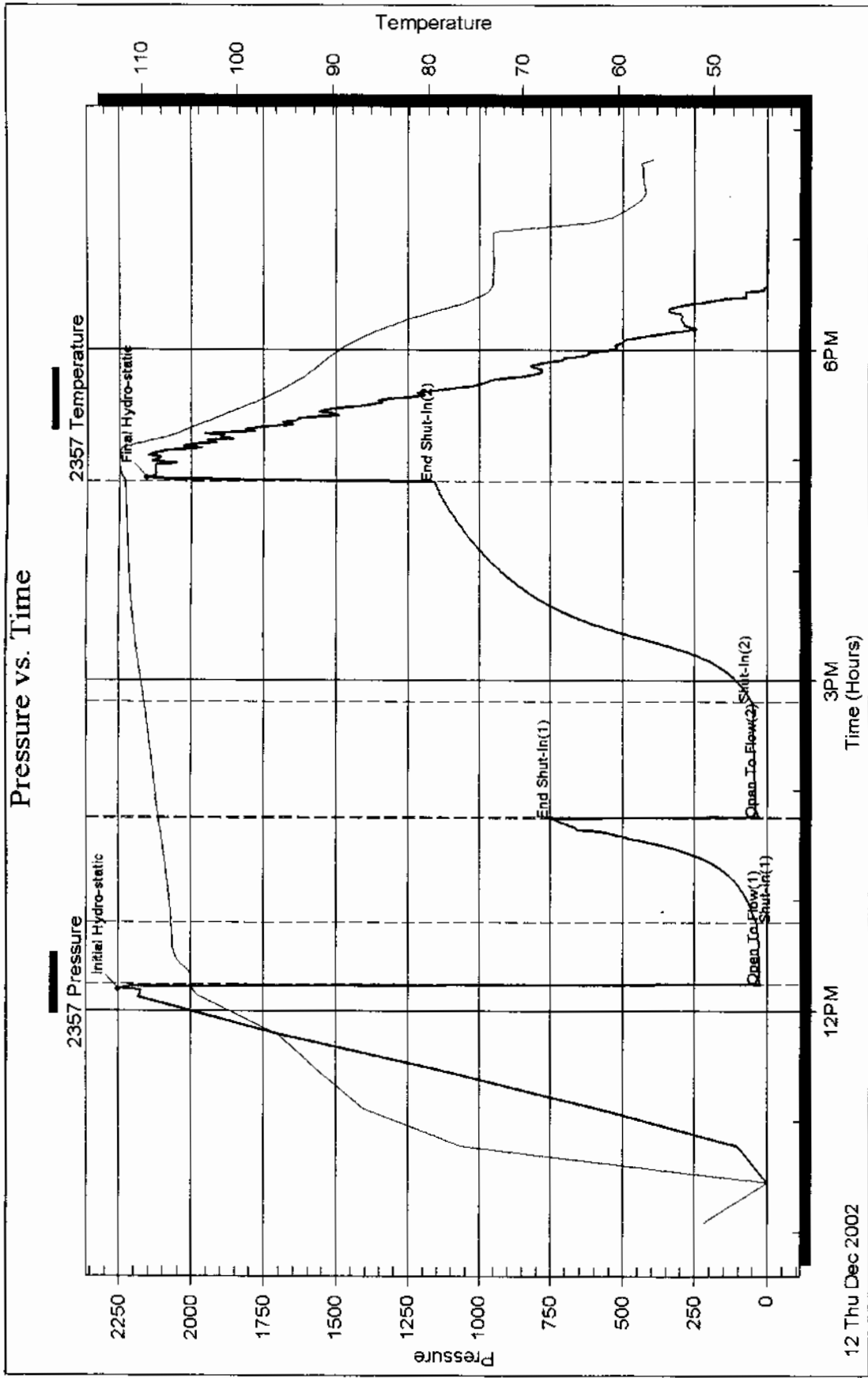
Serial #: 2357

Inside

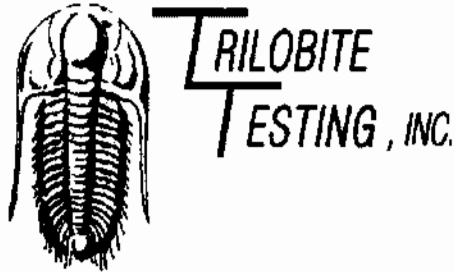
Raydon Exploration, Inc.

28-34-31 Seward KS

DST Test Number: 2



93559



DRILL STEM TEST REPORT

Prepared For: **Raydon Exploration, Inc.**

9400 N. Broadway, Ste 400
Oklahoma City, OK 73114

ATTN: Keith Hill

28-34-31 Seward KS

Max #1-28

Start Date: 2002.12.14 @ 13:12:33

End Date: 2002.12.14 @ 18:03:33

Job Ticket #: 16802 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

Raydon Exploration, Inc.
9400 N. Broadway, Ste 400
Oklahoma City, OK 73114
ATTN: Keith Hill

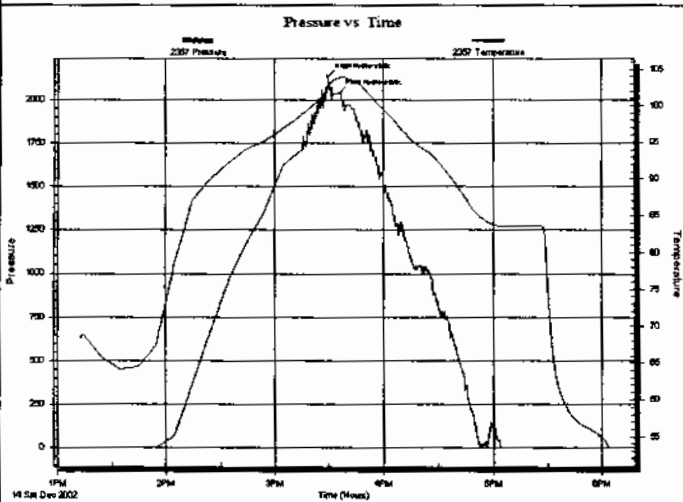
Max #1-28
28-34-31 Seward KS
Job Ticket: 16802 DST#: 3
Test Start: 2002.12.14 @ 13:12:33

GENERAL INFORMATION:

Formation: **Marmaton**
Deviated: **No Whipstock:** ft (KB)
Time Tool Opened: 00:00:00
Time Test Ended: 18:03:33
Interval: **5195.00 ft (KB) To 5230.00 ft (KB) (TVD)**
Total Depth: **5282.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition:
Test Type: **Conventional Straddle**
Tester: **Dan Bangle**
Unit No: **21**
Reference Elevations: **2692.00 ft (KB)**
2680.00 ft (CF)
KB to GR/CF: **12.00 ft**

Serial #: 2357 Inside
Press@RunDepth: psig @ 5196.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2002.12.14 End Date: 2002.12.14 Last Calib.: 2002.12.14
Start Time: 13:12:38 End Time: 18:03:32 Time On Btm: 2002.12.14 @ 15:29:33
Time Off Btm: 2002.12.14 @ 15:36:03

TEST COMMENT:



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2132.68	102.45	Initial Hydro-static
7	2036.87	103.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Raydon Exploration, Inc.

Max #1-28

9400 N. Broadway, Ste 400
Oklahoma City, OK 73114

28-34-31 Seward KS

Job Ticket: 16802

DST#: 3

ATTN: Keith Hill

Test Start: 2002.12.14 @ 13:12:33

Tool Information

Drill Pipe:	Length: 4887.00 ft	Diameter: 3.80 inches	Volume: 68.55 bbl	Tool Weight: 3200.00 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: 303.00 ft	Diameter: 2.25 inches	Volume: 1.49 bbl	Weight to Pull Loose: lb
			Total Volume: 70.04 bbl	Tool Chased: 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial lb
Depth to Top Packer:	5195.00 ft			Final lb
Depth to Bottom Packer:	5230.00 ft			
Interval between Packers:	35.00 ft			
Tool Length:	115.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Misrun- Hit bridge 13 1/2 stds off bottom

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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C.O. Sub	1.00			5168.00	
S.I. Tool	5.00			5173.00	
HMV	5.00			5178.00	
Jars	5.00			5183.00	
Safety Joint	2.00			5185.00	
Packer	5.00			5190.00	28.00 Bottom Of Top Packer
Packer	5.00			5195.00	
Stubb	1.00			5196.00	
Recorder	0.00	2357	Inside	5196.00	
Perforations	30.00			5226.00	
Recorder	0.00	13254	Outside	5226.00	
Blank Off Sub	1.00			5227.00	
Extension Sub	3.00			5230.00	35.00 Tool Interval
Packer	2.00			5232.00	
Stubb	1.00			5233.00	
Perforations	13.00			5246.00	
C.O. Sub	1.00			5247.00	
Recorder	0.00	13248	Outside	5247.00	
Blank Spacing	31.00			5278.00	
C.O. Sub	1.00			5279.00	
Bullnose	3.00			5282.00	52.00 Bottom Packers & Anchor

Total Tool Length: 115.00

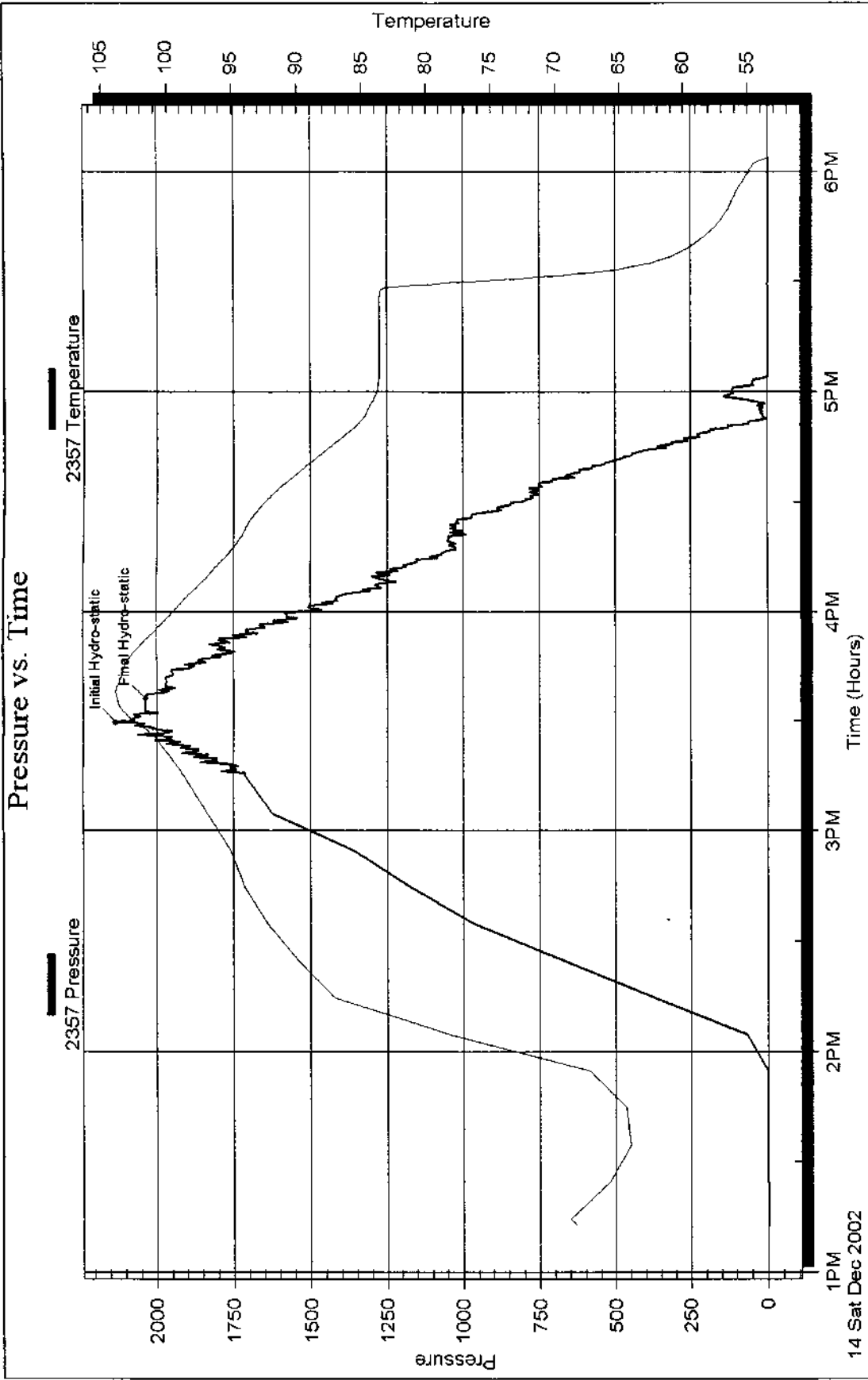
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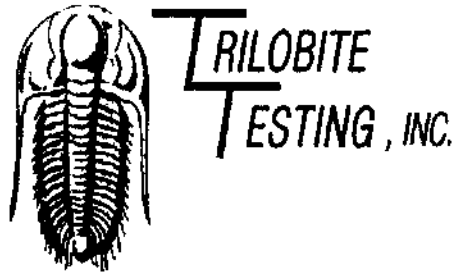
Inside

Raydon Exploration, Inc.

28-34-31 Seward KS

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Raydon Exploration, Inc.**

9400 N. Broadway, Ste 400
Oklahoma City, OK 73114

ATTN: Keith Hill

28-34-31 Seward KS

Max #1-28

Start Date: 2002.12.15 @ 08:56:55

End Date: 2002.12.15 @ 19:20:25

Job Ticket #: 16803 DST #: 4

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Raydon Exploration, Inc.
9400 N. Broadway, Ste 400
Oklahoma City, OK 73114
ATTN: Keith Hill

Max #1-28
28-34-31 Seward KS
Job Ticket: 16803 **DST#: 4**
Test Start: 2002.12.15 @ 08:56:55

Tool Information

Drill Pipe:	Length: 4887.00 ft	Diameter: 3.80 inches	Volume: 68.55 bbl	Tool Weight: 3200.00 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: 303.00 ft	Diameter: 2.25 inches	Volume: 1.49 bbl	Weight to Pull Loose: 70000.00 lb
			Total Volume: 70.04 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	5195.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	5230.00 ft			
Interval between Packers:	35.00 ft			
Tool Length:	115.00 ft			
Number of Packers:	3	Diameter:	6.75 inches	

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			5168.00	
S.I. Tool	5.00			5173.00	
HMV	5.00			5178.00	
Jars	5.00			5183.00	
Safety Joint	2.00			5185.00	
Packer	5.00			5190.00	28.00 Bottom Of Top Packer
Packer	5.00			5195.00	
Stubb	1.00			5196.00	
Recorder	0.00	2357	Inside	5196.00	
Perforations	30.00			5226.00	
Recorder	0.00	13254	Outside	5226.00	
Blank Off Sub	1.00			5227.00	
Extension Sub	3.00			5230.00	35.00 Tool Interval
Packer	2.00			5232.00	
Stubb	1.00			5233.00	
Perforations	13.00			5246.00	
C.O. Sub	1.00			5247.00	
Recorder	0.00	13248	Outside	5247.00	
Blank Spacing	31.00			5278.00	
C.O. Sub	1.00			5279.00	
Bullnose	3.00			5282.00	52.00 Bottom Packers & Anchor
Total Tool Length:	115.00				

93559



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Raydon Exploration, Inc.
9400 N. Broadway, Ste 400
Oklahoma City, OK 73114
ATTN: Keith Hill

Max #1-28
28-34-31 Seward KS
Job Ticket: 16803 DST#: 4
Test Start: 2002.12.15 @ 08:56:55

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: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.19 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2700.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
154.00	Gsy mud w / oil scum	0.757
2510.00	GP	33.851

Total Length: 2664.00 ft Total Volume: 34.608 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

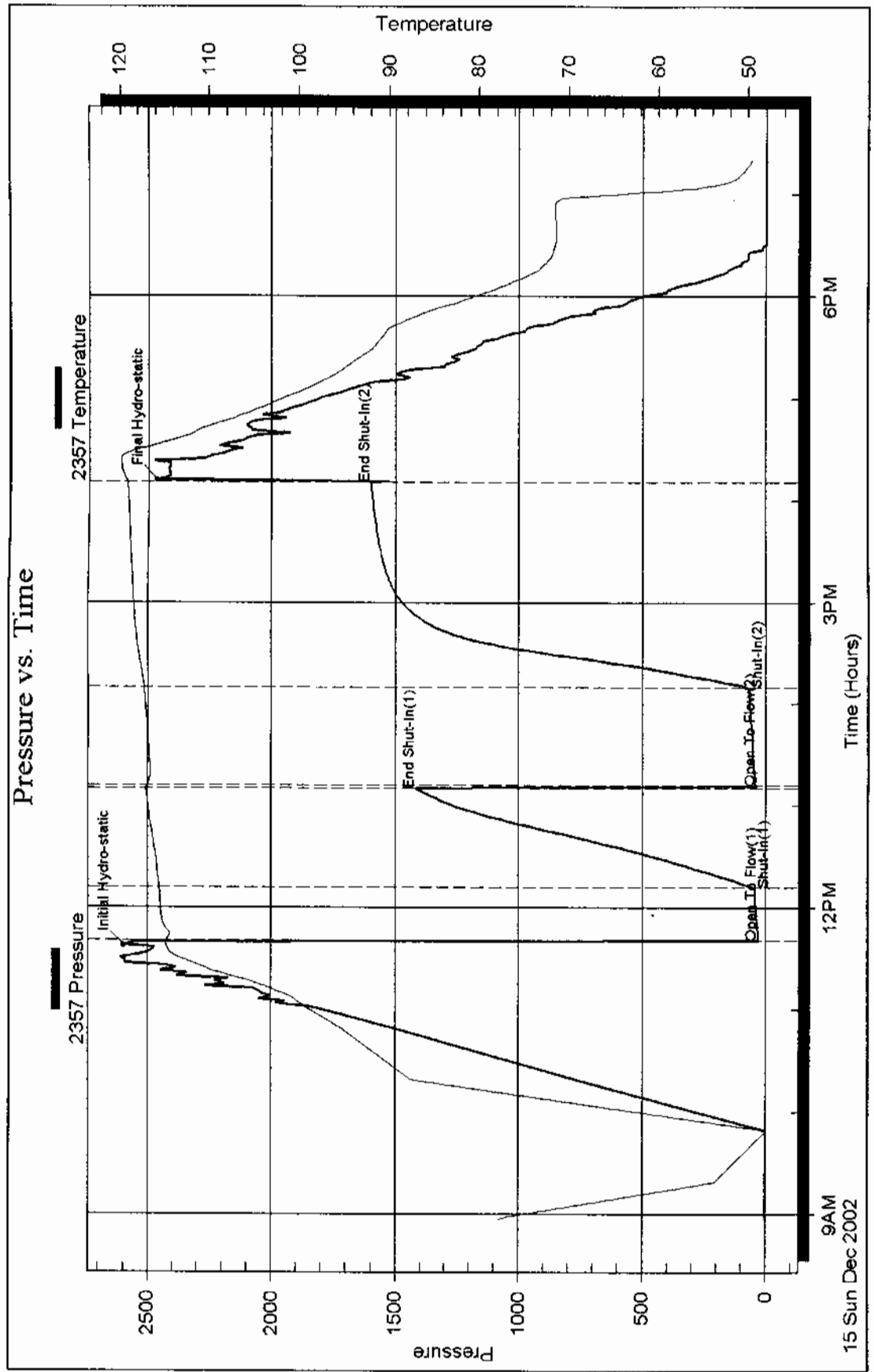
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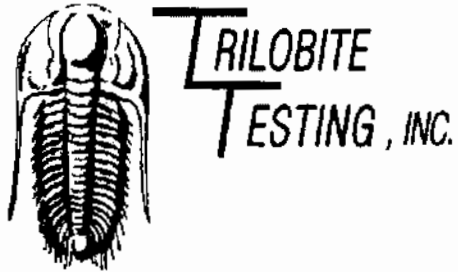
Inside

Raydon Exploration, Inc.

28-34-31 Seward KS

DST Test Number: 4





DRILL STEM TEST REPORT

Prepared For: **Raydon Exploration, Inc.**

9400 N. Broadway, Ste 400
Oklahoma City, OK 73114

ATTN: Keith Hill

28-34-31 Seward KS

Max #1-28

Start Date: 2002.12.18 @ 11:55:34

End Date: 2002.12.18 @ 22:15:19

Job Ticket #: 14485 DST #: 5

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

93559



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Raydon Exploration, Inc.
9400 N. Broadway, Ste 400
Oklahoma City, OK 73114
ATTN: Keith Hill

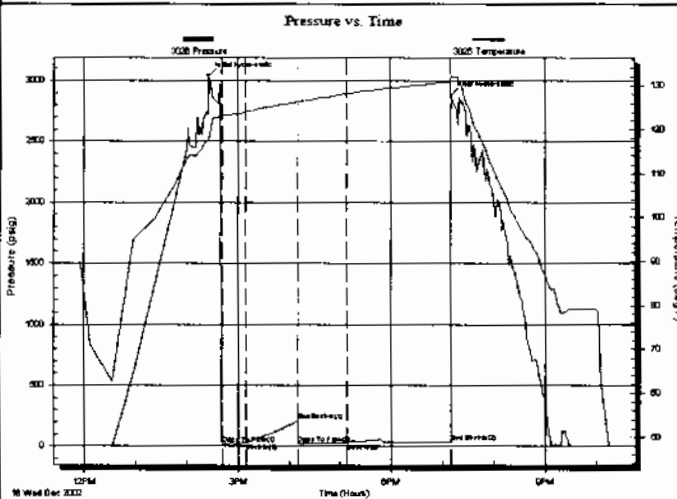
Max #1-28
28-34-31 Seward KS
Job Ticket: 14485 **DST#: 5**
Test Start: 2002.12.18 @ 11:55:34

GENERAL INFORMATION:

Formation: **Morrow "C"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:41:49
Time Test Ended: 22:15:19
Interval: **5914.00 ft (KB) To 5950.00 ft (KB) (TVD)**
Total Depth: 5950.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Blake Wallace
Unit No: 20
Reference Elevations: 2692.00 ft (KB)
2680.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 3026 **Inside**
Press@RunDepth: 23.62 psig @ 5916.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2002.12.18 End Date: 2002.12.18 Last Calib.: 1899.12.30
Start Time: 11:55:36 End Time: 22:15:19 Time On Btm: 2002.12.18 @ 14:26:04
Time Off Btm: 2002.12.18 @ 19:11:04

TEST COMMENT: IF-fair blow built to 6 inches
IS-no blow back
FF-strong blow BOB 46 min
FSI-blow back built to 1 1/2 inches



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3039.86	118.13	Initial Hydro-static
16	18.29	123.16	Open To Flow (1)
44	23.50	124.00	Shut-in(1)
104	207.04	126.31	End Shut-in(1)
105	20.31	126.37	Open To Flow(2)
163	23.62	128.20	Shut-in(2)
284	36.97	130.94	End Shut-in(2)
285	2883.60	132.30	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
870.00	GIP	9.44
60.00	100% Mud	0.84

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Raydon Exploration, Inc.
9400 N. Broadway, Ste 400
Oklahoma City, OK 73114
ATTN: Keith Hill

Max #1-28
28-34-31 Seward KS
Job Ticket: 14485 **DST#: 5**
Test Start: 2002.12.18 @ 11:55:34

Tool Information

Drill Pipe:	Length: 5602.00 ft	Diameter: 3.80 inches	Volume: 78.58 bbl	Tool Weight: 1800.00 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: 303.00 ft	Diameter: 2.25 inches	Volume: 1.49 bbl	Weight to Pull Loose: 96000.00 lb
		Total Volume: 80.07 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	5914.00 ft			Final 84000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	36.00 ft			
Tool Length:	63.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

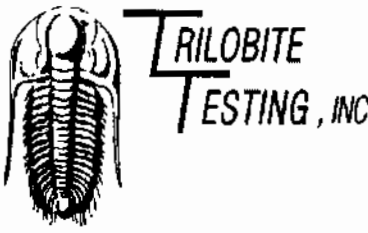
Tool Comments:

Tool Description Length (ft) Serial No. Position Depth (ft) Accum. Lengths

C.O. Sub	1.00			5888.00	
S.I. Tool	5.00			5893.00	
HMV	5.00			5898.00	
Jars	5.00			5903.00	
Safety Joint	2.00			5905.00	
Packer	5.00			5910.00	27.00 Bottom Of Top Packer
Packer	4.00			5914.00	
Stubb	1.00			5915.00	
Perforations	1.00			5916.00	
Recorder	0.00	3026	Inside	5916.00	
Perforations	32.00			5948.00	
Recorder	0.00	13637	Outside	5948.00	
Bullnose	2.00			5950.00	36.00 Bottom Packers & Anchor

Total Tool Length: 63.00

93559

	DRILL STEM TEST REPORT		FLUID SUMMARY									
	Raydon Exploration, Inc. 9400 N. Broadway, Ste 400 Oklahoma City, OK 73114 ATTN: Keith Hill	Max #1-28 28-34-31 Seward KS Job Ticket: 14485 DST#: 5 Test Start: 2002.12.18 @ 11:55:34										
Mud and Cushion Information												
Mud Type: Gel Chem Mud Weight: 9.00 lb/gal Viscosity: 57.00 sec/qt Water Loss: 6.79 in ³ Resistivity: ohm.m Salinity: 2700.00 ppm Filter Cake: inches	Cushion Type: Cushion Length: ft Cushion Volume: bbl Gas Cushion Type: Gas Cushion Pressure: psig	Oil API: deg API Water Salinity: ppm										
Recovery Information												
Recovery Table												
<table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Length ft</th> <th style="width: 55%;">Description</th> <th style="width: 30%;">Volume bbl</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">870.00</td> <td>GP</td> <td style="text-align: center;">9.444</td> </tr> <tr> <td style="text-align: center;">60.00</td> <td>100% Mud</td> <td style="text-align: center;">0.842</td> </tr> </tbody> </table>				Length ft	Description	Volume bbl	870.00	GP	9.444	60.00	100% Mud	0.842
Length ft	Description	Volume bbl										
870.00	GP	9.444										
60.00	100% Mud	0.842										
Total Length: 930.00 ft		Total Volume: 10.286 bbl										
Num Fluid Samples: 0		Num Gas Bombs: 0 Serial #:										
Laboratory Name:		Laboratory Location:										
Recovery Comments:												

Serial #: 3026

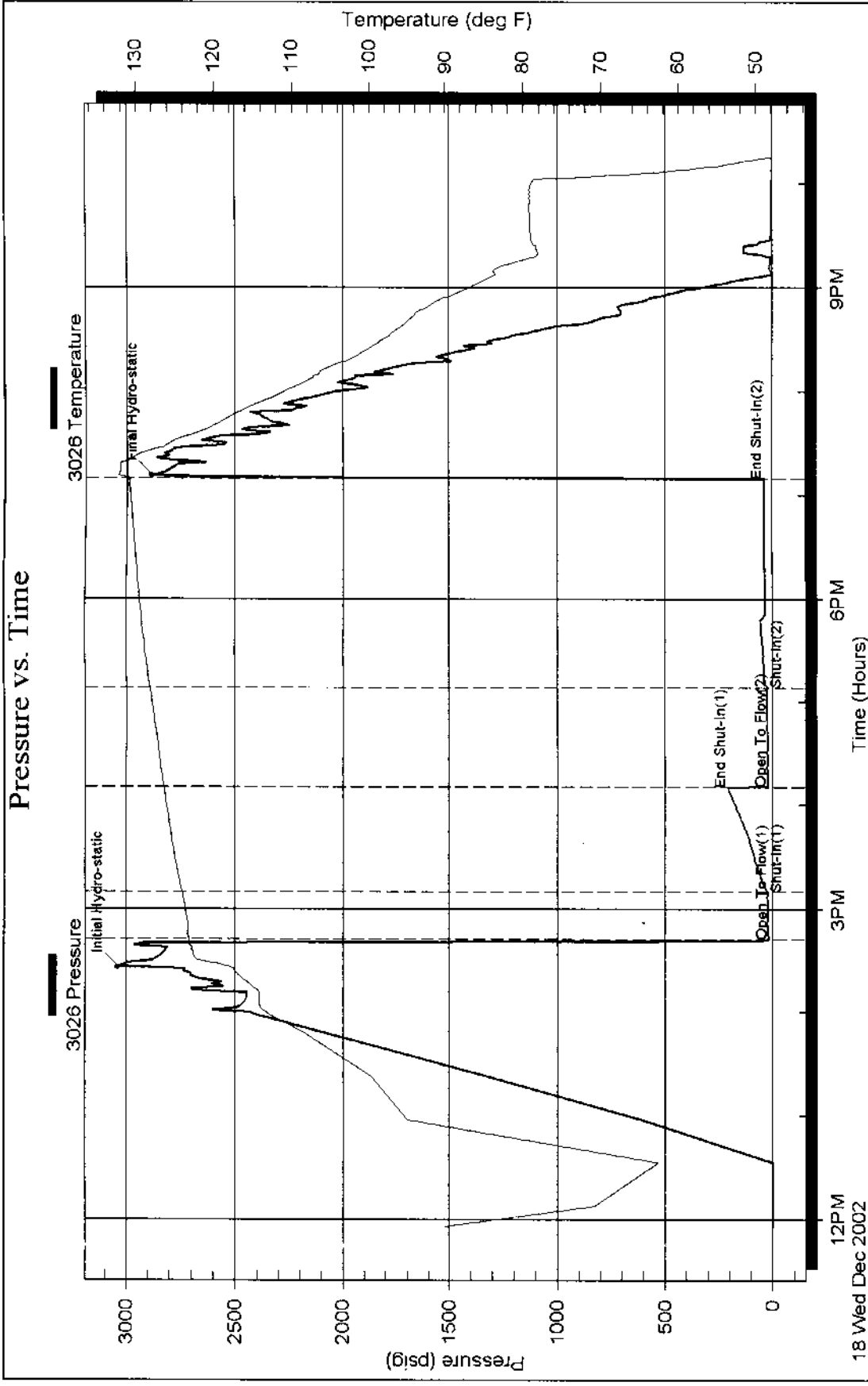
Inside

Raydon Exploration, Inc.

28-34-31 Seward KS

DST Test Number: 5

Pressure vs. Time



18 Wed Dec 2002