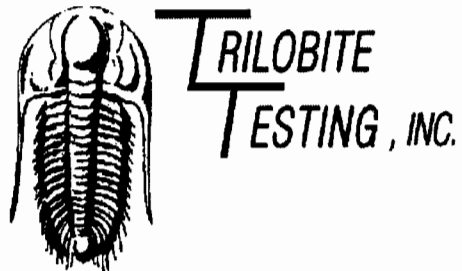


15-119-21068



DRILL STEM TEST REPORT

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

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

ATTN: Ed Grieves

Meade Co.12-35S-28W

Ross "1-12"

Start Date: 2001.11.07 @ 14:21:08

End Date: 2001.11.07 @ 21:44:23

Job Ticket #: 14949 DST #: 1

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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: Ed Grieves

Ross "1-12"

Meade Co.12-35S-28W

Job Ticket: 14949

DST#: 1

Test Start: 2001.11.07 @ 14:21:08

GENERAL INFORMATION:

Formation: **Chase**

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

Time Tool Opened: 15:56:08

Time Test Ended: 21:44:23

Test Type: Conventional Bottom Hole

Tester: Lanny Saloga

Unit No: 14

Interval: **2673.00 ft (KB) To 2711.00 ft (KB) (TVD)**

Total Depth: 2711.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2367.00 ft (KB)

2356.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 3289

Inside

Press@RunDepth: 56.00 psig @ 2678.00 ft (KB)

Start Date: 2001.11.07

End Date:

2001.11.07

Start Time: 14:21:13

End Time:

21:44:22

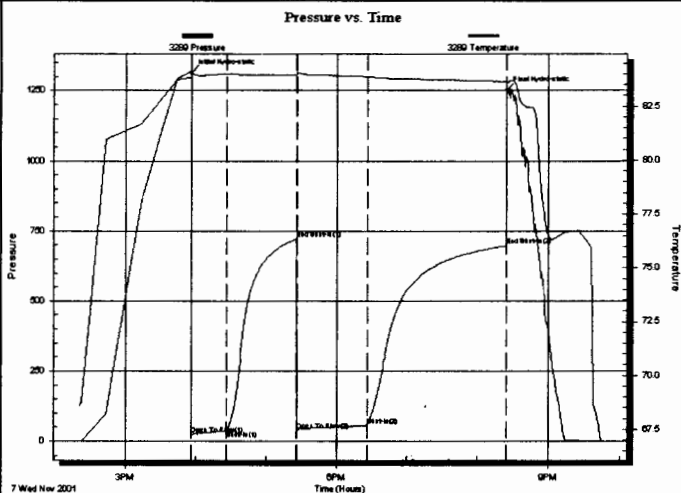
Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2001.11.07 @ 15:55:53

Time Off Btm: 2001.11.07 @ 20:24:22

TEST COMMENT: Surface blow built to 6". I.F.P.
No blow-back. I.S.I.P.
Surface blow built to 5". F.F.P.
No blow-back. F.S.I.P.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1314.53	83.84	Initial Hydro-static
1	24.90	83.94	Open To Flow (1)
31	36.11	83.99	Shut-In (1)
90	721.63	83.94	End Shut-In (1)
90	36.89	84.02	Open To Flow (2)
150	56.00	83.87	Shut-In (2)
269	696.57	83.65	End Shut-In (2)
269	1251.87	83.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	Wtr c Mud 26%W 74%M	0.32
0.00	RW 0.28 at 62 F. 28,000 PPM.	0.00

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: Ed Grieves

Ross "1-12"

Meade Co.12-35S-28W

Job Ticket: 14949

DST#: 1

Test Start: 2001.11.07 @ 14:21:08

Tool Information

Drill Pipe:	Length: 2388.00 ft	Diameter: 3.80 inches	Volume: 33.50 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: 272.00 ft	Diameter: 2.25 inches	Volume: 1.34 bbl	Weight to Pull Loose: 6000.00 lb
			Total Volume: 34.84 bbl	Tool Chased ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	2673.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	38.00 ft			
Tool Length:	65.00 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			2647.00	
S.I. Tool	5.00			2652.00	
HMV	5.00			2657.00	
Jars	5.00			2662.00	
Safety Joint	2.00			2664.00	
Packer	4.00			2668.00	27.00 Bottom Of Top Packer
Packer	5.00			2673.00	
Stubb	1.00			2674.00	
Perforations	3.00			2677.00	
C.O. Sub	1.00			2678.00	
Recorder	0.00	3289	Inside	2678.00	
Blank Spacing	30.00			2708.00	
Recorder	0.00	10242	Inside	2708.00	
C.O. Sub	1.00			2709.00	
Bullnose	2.00			2711.00	38.00 Bottom Packers & Anchor

Total Tool Length: 65.00

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Raydon Exploration, Inc.

Ross "1-12"

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

Meade Co.12-35S-28W

Job Ticket: 14949

DST#: 1

ATTN: Ed Grieves

Test Start: 2001.11.07 @ 14:21:08

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:

28000 ppm

Viscosity: 38.00 sec/qt

Cushion Volume:

bbl

Water Loss: in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 29000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	Wtr c Mud 26%W 74%M	0.320
0.00	RW 0.28 at 62 F. 28,000 FPM.	0.000

Total Length:

65.00 ft

Total Volume:

0.320 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

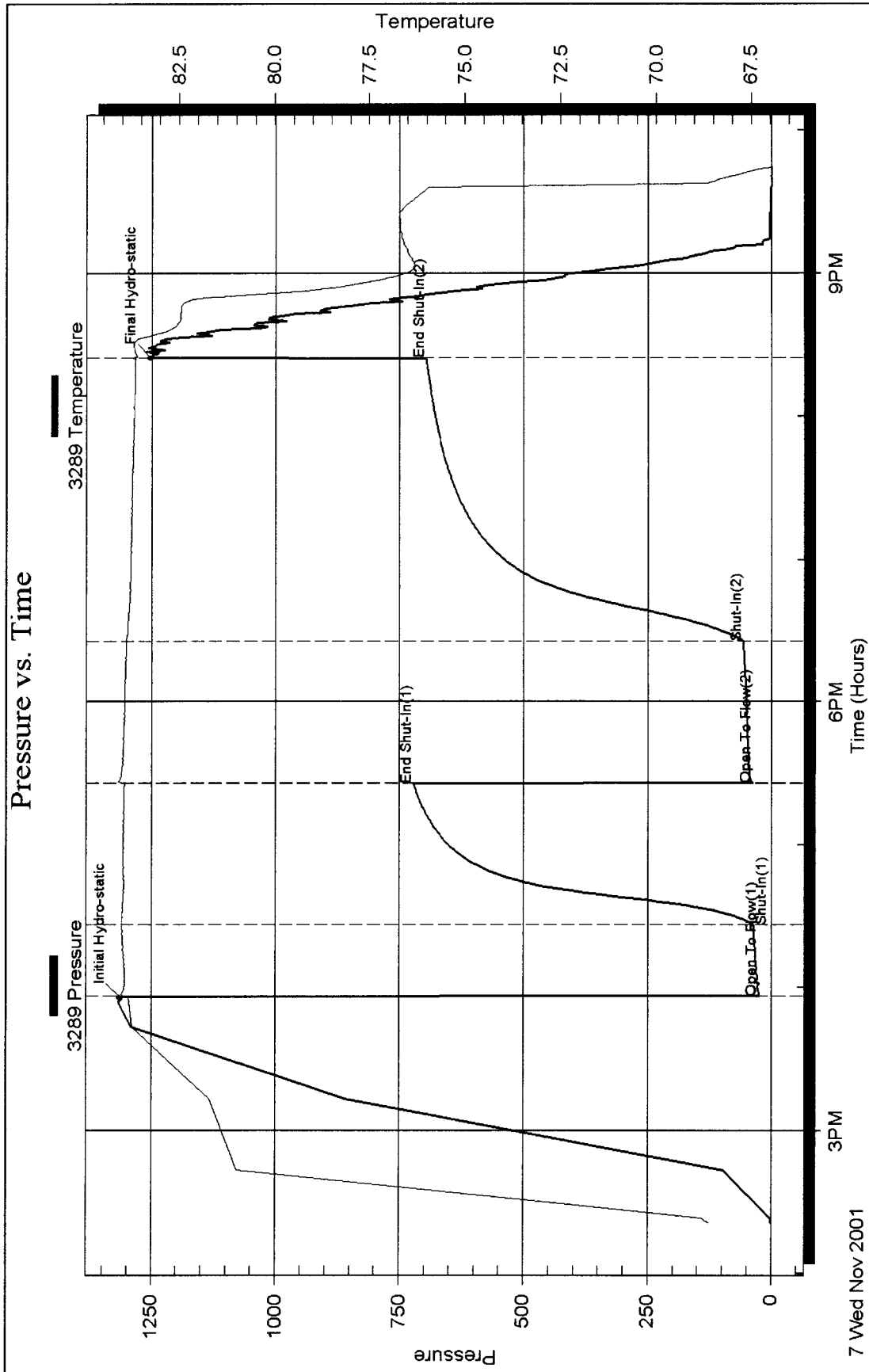
Serial #: 3289

Inside Raydon Exploration, Inc.

Meade Co. 12-35S-28W

DST Test Number: 1

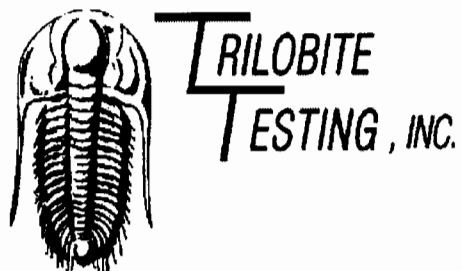
Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 14949

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DRILL STEM TEST REPORT

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

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

ATTN: Ed Grieves

Meade Co.12-35S-28W

Ross "1-12"

Start Date: 2001.11.15 @ 20:42:11

End Date: 2001.11.16 @ 07:15:26

Job Ticket #: 14726 DST #: 2

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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: Ed Grieves

Ross "1-12"

Meade Co.12-35S-28W

Job Ticket: 14726

DST#:2

Test Start: 2001.11.15 @ 20:42:11

GENERAL INFORMATION:

Formation: **Chester**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:23:11

Time Test Ended: 07:15:26

Test Type: Conventional Bottom Hole

Tester: Blake Wallace

Unit No: 20

Interval: **6176.00 ft (KB) To 6229.00 ft (KB) (TVD)**

Total Depth: 6229.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2367.00 ft (KB)

2356.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 3027

Inside

Press@RunDepth: 51.26 psig @ 6179.00 ft (KB)

Start Date: 2001.11.15

End Date:

2001.11.16

Start Time: 20:42:13

End Time:

07:15:26

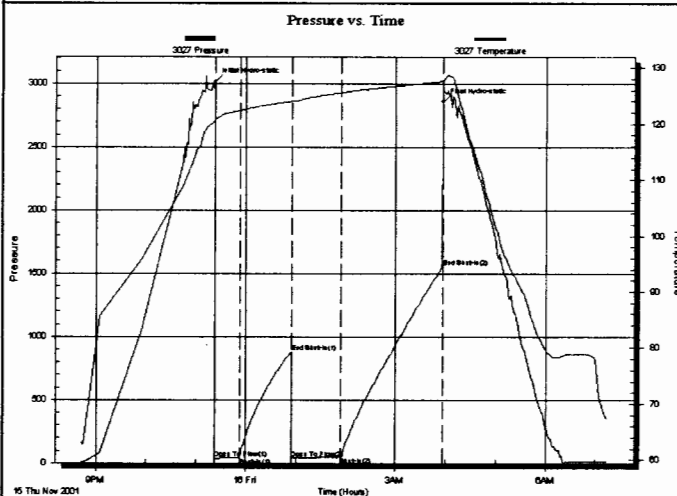
Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2001.11.15 @ 23:22:26

Time Off Btm: 2001.11.16 @ 03:56:11

TEST COMMENT: F-strong blow BOB 2 min
IS-no blow back
FF-strong blow BOB as soon as open
FSI-no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3012.09	120.57	Initial Hydro-static
1	36.96	120.85	Open To Flow (1)
30	44.45	122.37	Shut-In(1)
92	880.55	124.02	End Shut-In(1)
92	37.02	124.07	Open To Flow (2)
152	51.26	125.56	Shut-In(2)
274	1549.90	127.61	End Shut-In(2)
274	2856.02	127.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	5% G 95% M	0.30

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Raydon Exploration, Inc.

Ross "1-12"

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

Meade Co.12-35S-28W

Job Ticket: 14726

DST#:2

ATTN: Ed Grieves

Test Start: 2001.11.15 @ 20:42:11

Tool Information

Drill Pipe:	Length: 5877.00 ft	Diameter: 3.80 inches	Volume: 82.44 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: 301.00 ft	Diameter: 2.25 inches	Volume: 1.48 bbl	Weight to Pull Loose: 82000.00 lb
		Total Volume:	83.92 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 75000.00 lb
Depth to Top Packer:	6176.00 ft			Final 76000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	53.00 ft			
Tool Length:	80.00 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			6150.00	
S.I. Tool	5.00			6155.00	
HMV	5.00			6160.00	
Jars	5.00			6165.00	
Safety Joint	2.00			6167.00	
Packer	5.00			6172.00	27.00 Bottom Of Top Packer
Packer	4.00			6176.00	
Stubb	1.00			6177.00	
Perforations	2.00			6179.00	
Recorder	0.00	3027	Inside	6179.00	
Perforations	10.00			6189.00	
C.O. Sub	1.00			6190.00	
Blank Spacing	31.00			6221.00	
C.O. Sub	1.00			6222.00	
Perforations	5.00			6227.00	
Recorder	0.00	11019	Outside	6227.00	
Bullnose	2.00			6229.00	53.00 Bottom Packers & Anchor
Total Tool Length:		80.00			

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DRILL STEM TEST REPORT

FLUID SUMMARY

Raydon Exploration, Inc.

Ross "1-12"

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

Meade Co.12-35S-28W

Job Ticket: 14726

DST#: 2

ATTN: Ed Grieves

Test Start: 2001.11.15 @ 20:42:11

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: 55.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	5% G 95% M	0.295

Total Length: 60.00 ft

Total Volume: 0.295 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

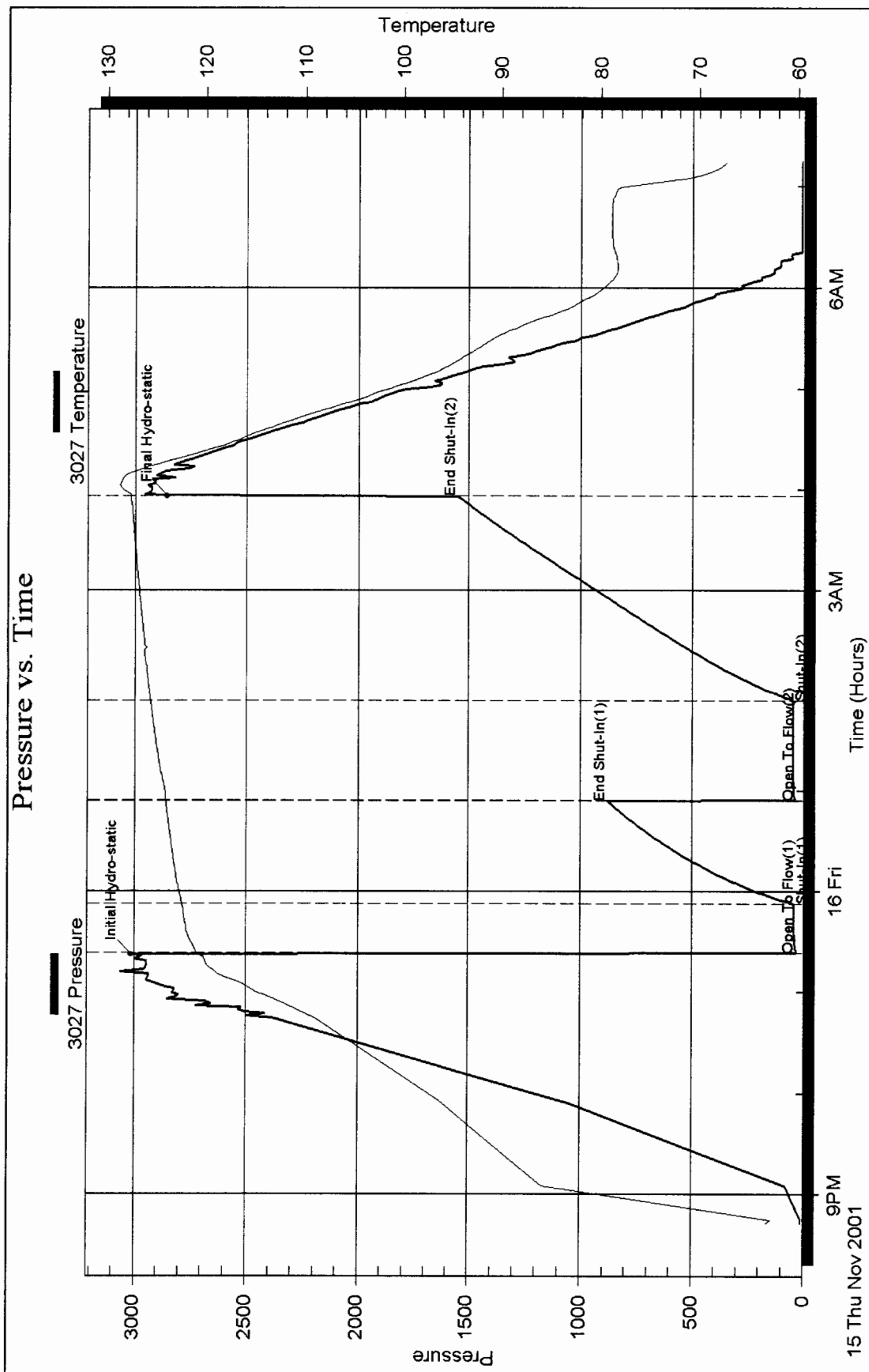
Serial #:

Laboratory Name:

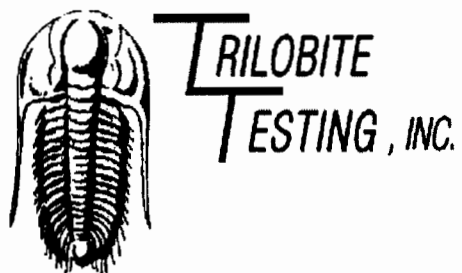
Laboratory Location:

Recovery Comments:

Pressure vs. Time



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DRILL STEM TEST REPORT

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

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

ATTN: Ed Grieves

Meade Co.12-35S-28W

Ross "1-12"

Start Date: 2001.11.18 @ 06:37:06

End Date: 2001.11.18 @ 16:10:36

Job Ticket #: 15356 DST #: 3

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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: Ed Grieves

Ross "1-12"

Meade Co.12-35S-28W

Job Ticket: 15356

DST#: 3

Test Start: 2001.11.18 @ 06:37:06

GENERAL INFORMATION:

Formation: **Lower Chester**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:20:21

Time Test Ended: 16:10:36

Test Type: Conventional Bottom Hole

Tester: Lanny Saloga

Unit No: 14

Interval: **6469.00 ft (KB) To 6490.00 ft (KB) (TVD)**

Total Depth: 6490.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2367.00 ft (KB)

2356.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 3289

Inside

Press@RunDepth: 59.48 psig @ 6471.00 ft (KB)

Start Date: 2001.11.18

End Date:

2001.11.18

Start Time: 06:37:11

End Time:

16:10:36

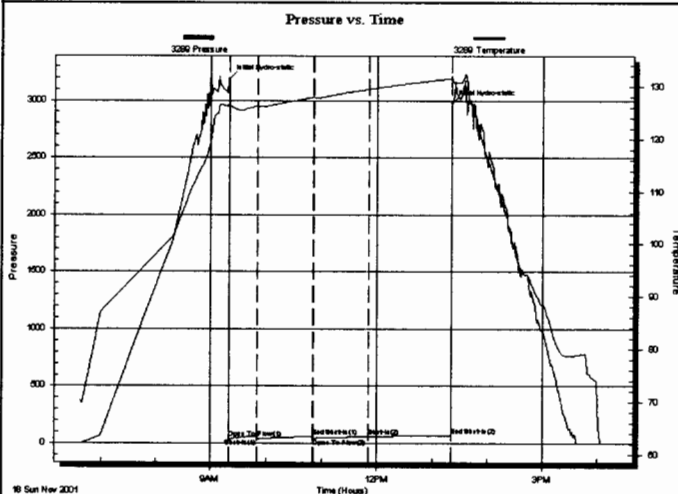
Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2001.11.18 @ 09:19:51

Time Off Btm: 2001.11.18 @ 13:21:05

TEST COMMENT: Surface blow died in 18 min. I.F.P.
No blow. F.F.P.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3185.88	126.67	Initial Hydro-static
1	38.22	126.55	Open To Flow (1)
31	38.66	126.31	Shut-In (1)
91	60.49	127.97	End Shut-In (1)
91	43.66	127.98	Open To Flow (2)
151	59.48	129.49	Shut-In (2)
241	70.38	131.54	End Shut-In (2)
242	2971.31	131.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud 100%M	0.05

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Raydon Exploration, Inc.

Ross "1-12"

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

Meade Co.12-35S-28W

Job Ticket: 15356

DST#: 3

ATTN: Ed Grieves

Test Start: 2001.11.18 @ 06:37:06

Tool Information

Drill Pipe:	Length: 6182.00 ft	Diameter: 3.80 inches	Volume: 86.72 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: 22000.00 lb
Drill Collar:	Length: 272.00 ft	Diameter: 2.25 inches	Volume: 1.34 bbl	Weight to Pull Loose: 53000.00 lb
			Total Volume: 88.06 bbl	Tool Chased ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 82000.00 lb
Depth to Top Packer:	6469.00 ft			Final 82000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	21.00 ft			
Tool Length:	48.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			6443.00	
S.I. Tool	5.00			6448.00	
HMV	5.00			6453.00	
Jars	5.00			6458.00	
Safety Joint	2.00			6460.00	
Packer	4.00			6464.00	27.00 Bottom Of Top Packer
Packer	5.00			6469.00	
Stubb	1.00			6470.00	
Perforations	1.00			6471.00	
Recorder	0.00	3289	Inside	6471.00	
Perforations	17.00			6488.00	
Recorder	0.00	10242	Inside	6488.00	
Bullnose	2.00			6490.00	21.00 Bottom Packers & Anchor

Total Tool Length: 48.00

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**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Raydon Exploration, Inc.

Ross "1-12"

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

Meade Co.12-35S-28W

Job Ticket: 15356

DST#: 3

ATTN: Ed Grieves

Test Start: 2001.11.18 @ 06:37:06

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: 56.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud 100%M	0.049

Total Length: 10.00 ft

Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

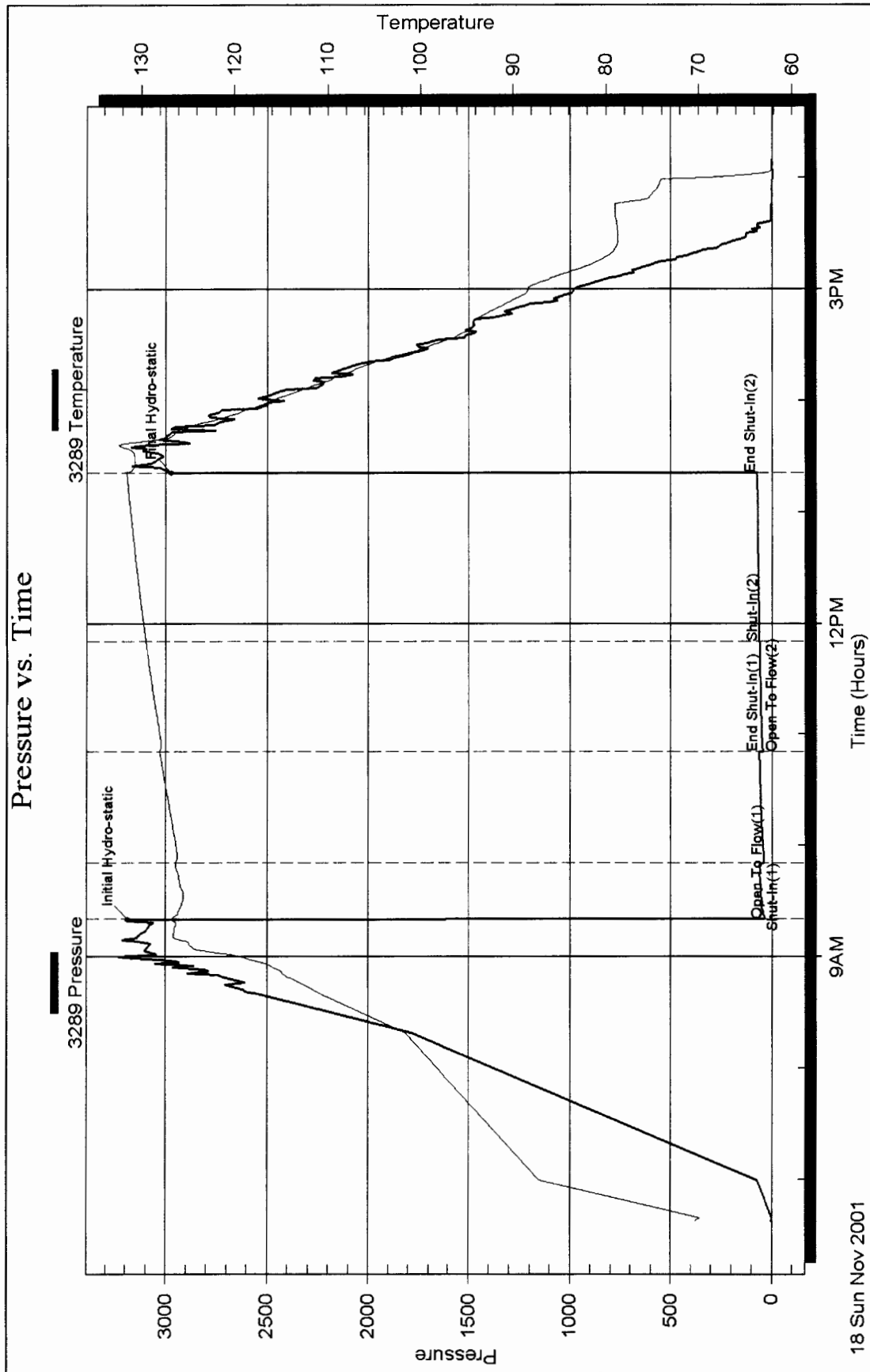
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



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