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TRILOBITE TESTING, INC.

ORIGINAL

DRILL STEM TEST REPORT

CONFIDENTIAL

Prepared for

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

Wynona 4-7
7-35S-29
Meade Co. Kansas

KCC
JUL 14 2003
CONFIDENTIAL

Trilobite Testing, Inc
PO Box 362 - Hays, Kansas - 67601
ph: 785-625-4778 fax: 785-625-5620
e-mail: trilobite@eaglecom.net

Release
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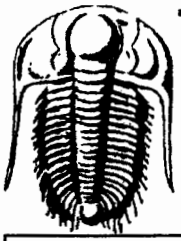
CONFIDENTIAL

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JUL 14 2003

CONFIDENTIAL

ORIGINAL



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT
Raydon Exploration, Inc.
9400 N Broadway Ste 400
Oklahoma City, OK 73114

				Date:	5/15/2003
Well name#:	Wynona 4-7			Ticket #:	16063
Location#:	7-35S-29	Meade Co. Kansas		DST#	1

General Informaion:

Formation:	KC	Test Type:	Conventional			BHT:	
Interval:	5090-5133	Tester:	Jack Fox			OIL API:	
Total Depth:	5135	Elevation:	2453	ft(KB)		H2O Salinity:	
Hole Diameter:	7 7/8"		2441	ft(CF)			
Start Data:	5/15/2003	Tool Weight:		2500		Mud Type:	Chem
Start Time:	16:08:00	Weight Set on Packers:		20000		Mud Weight:	9
Time tool opened:	18:57:00	Weight to Pull Loose:		90000		Viscosity:	
Time Off Btm:	22:51:00	Initial String Weight:		80000		Water Loss:	6.4
End Date:	4/16/03	Final String Weight:		84000		Resistivity;	-
End Time:	2:50:00	Drill Pipe Length:		4797		Salinity:	
		Drill Collar Length:					
		Wt. Pipe Length:					

Test Comment: IF: Weak blow at surface building to 4" below surface.
FF: Weak blow at surface building to 10" below surface

Recovery

Length(ft):	
186	Muddy salt water
650	Salt water

Gas Volume Report

Recorder #:	11019		Min:	Ins. Of water	Orifice	MCF/D
Pressure Summary:		Time:(min)		PSIG	size	
Initial Hydro-static:	2533					
Open to Flow (1):	135	30				
Shut-in (1):	203	30				
End Shut-in (1):	1558					
Open to Flow (2):	339	60				
Shut-in (2):	418	120				
End Shut-in (2);	1626					
Final Hydro-static:	2465					



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Raydon Exploration Inc**

9400 Broadway Ste 400
Oklahoma City, OK 73114

ATTN: Ed Grieves

7-35S-29 Meade KS

Wynona 4-7

Start Date: 2003.05.16 @ 20:26:22

End Date: 2003.05.17 @ 07:14:03

Job Ticket #: 16064 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

Raydon Exploration Inc

9400 Broadway Ste 400
Oklahoma City, OK 73114

ATTN: Ed Grieves

Wynona 4-7

7-35S-29 Meade KS

Job Ticket: 16064 **DST#: 2**

Test Start: 2003.05.16 @ 20:26:22

GENERAL INFORMATION:

Formation:
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 23:37:03
Time Test Ended: 07:14:03

Test Type: Bottom Hole
Tester: Jack Fox
Unit No: 20

Interval: 5131.00 ft (KB) To 5151.00 ft (KB) (TVD)
Total Depth: 5151.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair

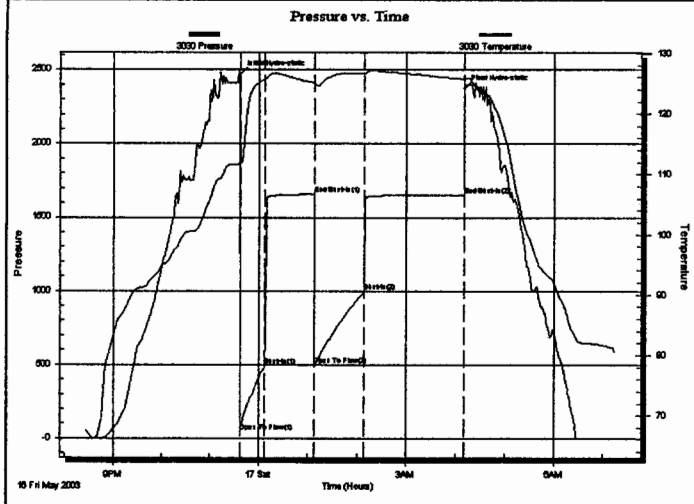
Reference Elevations: 2453.00 ft (KB)
2441.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 3030 **Inside**

Press@RunDepth: 996.92 psig @ 5132.00 ft (KB)
Start Date: 2003.05.16 End Date: 2003.05.17
Start Time: 20:26:22 End Time: 07:14:03

Capacity: 7000.00 psig
Last Calib.: 2001.04.10
Time On Btm: 2003.05.16 @ 23:36:48
Time Off Btm: 2003.05.17 @ 04:11:02

TEST COMMENT: IF BOB in 3 mn 30 sec Strong blow
FF BOB in5mn 15 sec strong blow
RW .16@62 degrees 55000 ppm



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2470.88	111.77	Initial Hydro-static
1	44.12	111.78	Open To Flow (1)
31	490.17	125.66	Shut-In(1)
91	1657.31	125.07	End Shut-In(1)
92	495.83	125.06	Open To Flow (2)
152	996.92	126.69	Shut-In(2)
274	1655.03	125.74	End Shut-In(2)
275	2374.69	125.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2666.00	Saltw tr	35.61

Gas Rates

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

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Raydon Exploration Inc

9400 Broadway Ste 400
Oklahoma City, OK 73114

ATTN: Ed Grieves

Wynona 4-7

7-35S-29 Meade KS

Job Ticket: 16064 **DST#: 2**

Test Start: 2003.05.16 @ 20:26:22

Tool Information

Drill Pipe:	Length:	4860.00 ft	Diameter:	3.80 inches	Volume:	68.17 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:	279.00 ft	Diameter:	2.80 inches	Volume:	2.12 bbl	Weight to Pull Loose:		95000.00 lb
					Total Volume:	70.29 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		30.00 ft					String Weight:	Initial	74000.00 lb
Depth to Top Packer:		5131.00 ft						Final	84000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		20.00 ft							
Tool Length:		42.00 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			5110.00		
S.I. Tool	5.00			5115.00		
HMV	5.00			5120.00		
Safety Joint	2.00			5122.00		
Packer	5.00			5127.00	22.00	Bottom Of Top Packer
Packer	4.00			5131.00		
Stubb	1.00			5132.00		
Recorder	0.00	3030	Inside	5132.00		
Perforations	16.00			5148.00		
Recorder	0.00	11019	Outside	5148.00		
Bullnose	3.00			5151.00	20.00	Bottom Packers & Anchor
Total Tool Length:	**42.00**					

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Raydon Exploration Inc

9400 Broadway Ste 400
Oklahoma City, OK 73114

ATTN: Ed Grieves

Wynona 4-7

7-35S-29 Meade KS

Job Ticket: 16064 **DST#: 2**

Test Start: 2003.05.16 @ 20:26:22

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

Recovery Information

Recovery Table

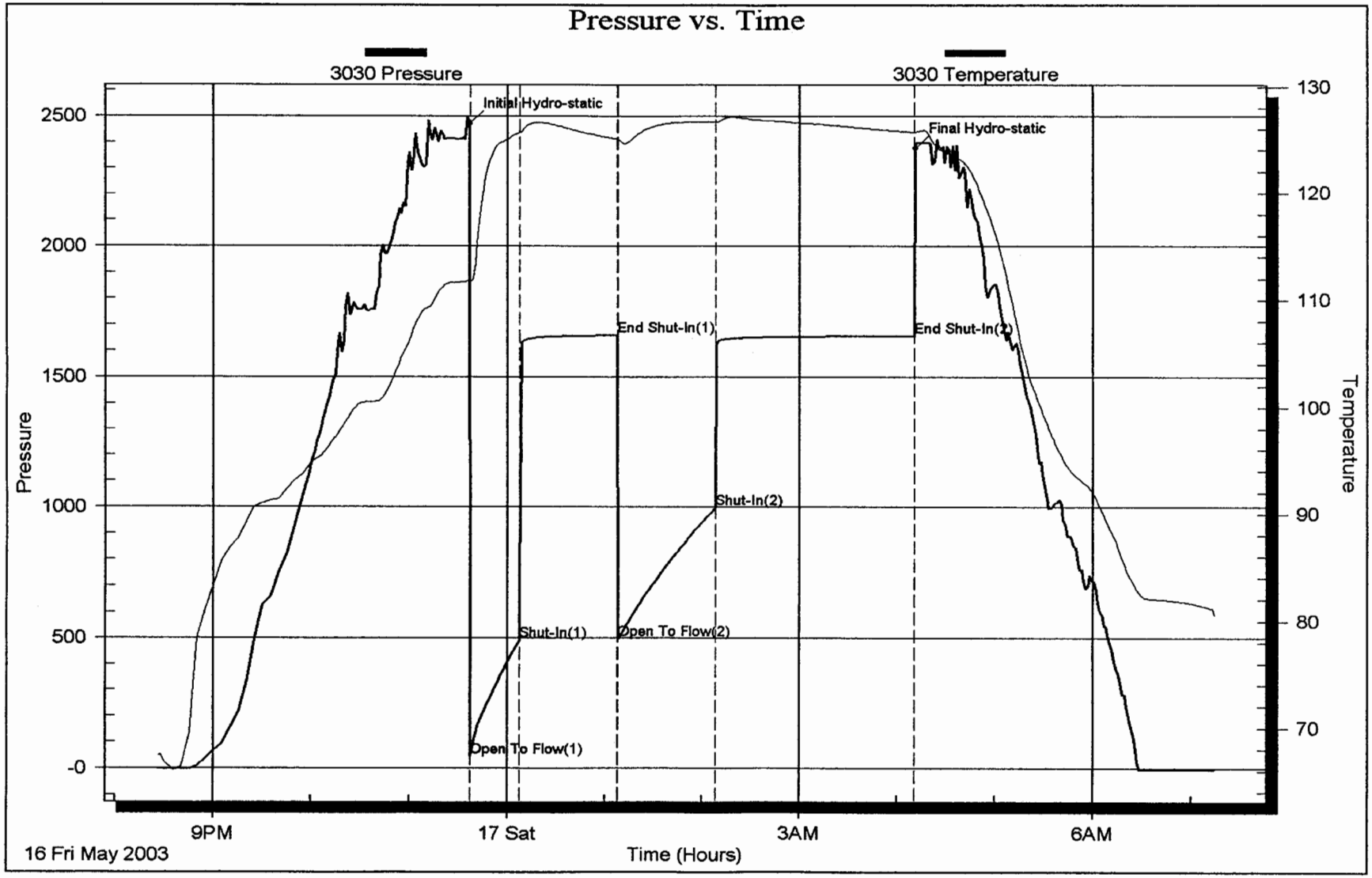
Length ft	Description	Volume bbl
2666.00	Saltw tr	35.608

Total Length: 2666.00 ft Total Volume: 35.608 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
3030 Pressure
3030 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(2)
Shut-In(1)
Open To Flow(2)
Open To Flow(1)
2500
2000
1500
1000
500
-0
Pressure
130
120
110
100
90
80
70
Temperature
9PM
17 Sat
3AM
6AM
16 Fri May 2003
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Raydon Exploration Inc**

9400 Broadway Ste 400
Oklahoma City, OK 73114

ATTN: Ed Grieves

7-35S-29 Meade KS

Wynona 4-7

Start Date: 2003.05.20 @ 05:58:06

End Date: 2003.05.20 @ 15:44:51

Job Ticket #: 16065 DST #: 3

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

DRILL STEM TEST REPORT

Raydon Exploration Inc

9400 Broadway Ste 400
Oklahoma City, OK 73114

ATTN: Ed Grieves

Wynona 4-7

7-35S-29 Meade KS

Job Ticket: 16065 **DST#: 3**

Test Start: 2003.05.20 @ 05:58:06

GENERAL INFORMATION:

Formation: **Morrow sdst**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:27:51
Time Test Ended: 15:44:51

Test Type: Conventional Bottom Hole
Tester: Blake Wallace
Unit No: 20

Interval: 5865.00 ft (KB) To 5880.00 ft (KB) (TVD)
Total Depth: 5880.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Good

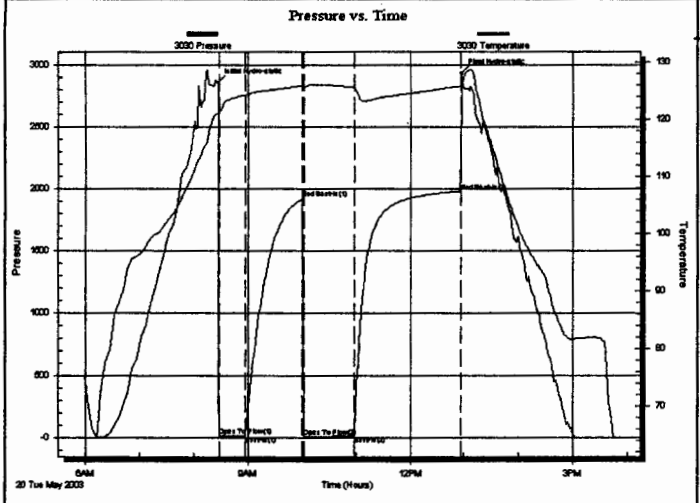
Reference Elevations: 2453.00 ft (KB)
2441.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 3030 **Inside**

Press@RunDepth: 12.76 psig @ 5867.00 ft (KB)
Start Date: 2003.05.20 End Date: 2003.05.20
Start Time: 05:58:10 End Time: 15:44:51

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2003.05.20 @ 08:26:51
Time Off Btm: 2003.05.20 @ 12:57:21

TEST COMMENT: IF-strong blow BOB 10 sec
ISI-no blow back
FF-strong blow BOB as soon as open GTS 30 sec (after 20 min gas was to small to measure in PSI)
FSI-no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2861.63	121.05	Initial Hydro-static
1	14.86	121.05	Open To Flow (1)
31	17.40	124.28	Shut-In(1)
94	1921.23	125.96	End Shut-In(1)
96	9.65	125.83	Open To Flow (2)
152	12.76	125.59	Shut-In(2)
270	1980.69	125.84	End Shut-In(2)
271	2938.12	125.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	10% G 90% M	0.30

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	3.00	6.51
Last Gas Rate	0.13	0.00	5.39
Max. Gas Rate	0.13	3.00	6.51

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Raydon Exploration Inc

9400 Broadway Ste 400
Oklahoma City, OK 73114

ATTN: Ed Grieves

Wynona 4-7

7-35S-29 Meade KS

Job Ticket: 16065 **DST#: 3**

Test Start: 2003.05.20 @ 05:58:06

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:	273.00 ft	Diameter:	2.25 inches	Volume:	1.34 bbl	Weight to Pull Loose:		110000.0 lb
					Total Volume:	79.92 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		32.00 ft					String Weight:	Initial	80000.00 lb
Depth to Top Packer:		5865.00 ft						Final	84000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		15.00 ft							
Tool Length:		37.00 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			5844.00		
S.I. Tool	5.00			5849.00		
HMV	5.00			5854.00		
Safety Joint	2.00			5856.00		
Packer	5.00			5861.00	22.00	Bottom Of Top Packer
Packer	4.00			5865.00		
Stubb	1.00			5866.00		
Perforations	1.00			5867.00		
Recorder	0.00	3030	Inside	5867.00		
Perforations	10.00			5877.00		
Recorder	0.00	11019	Outside	5877.00		
Bullnose	3.00			5880.00	15.00	Bottom Packers & Anchor
Total Tool Length:	**37.00**					

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Raydon Exploration Inc

9400 Broadway Ste 400
Oklahoma City, OK 73114

ATTN: Ed Grieves

Wynona 4-7

7-35S-29 Meade KS

Job Ticket: 16065 **DST#: 3**

Test Start: 2003.05.20 @ 05:58:06

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:	54.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	4.79 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1800.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

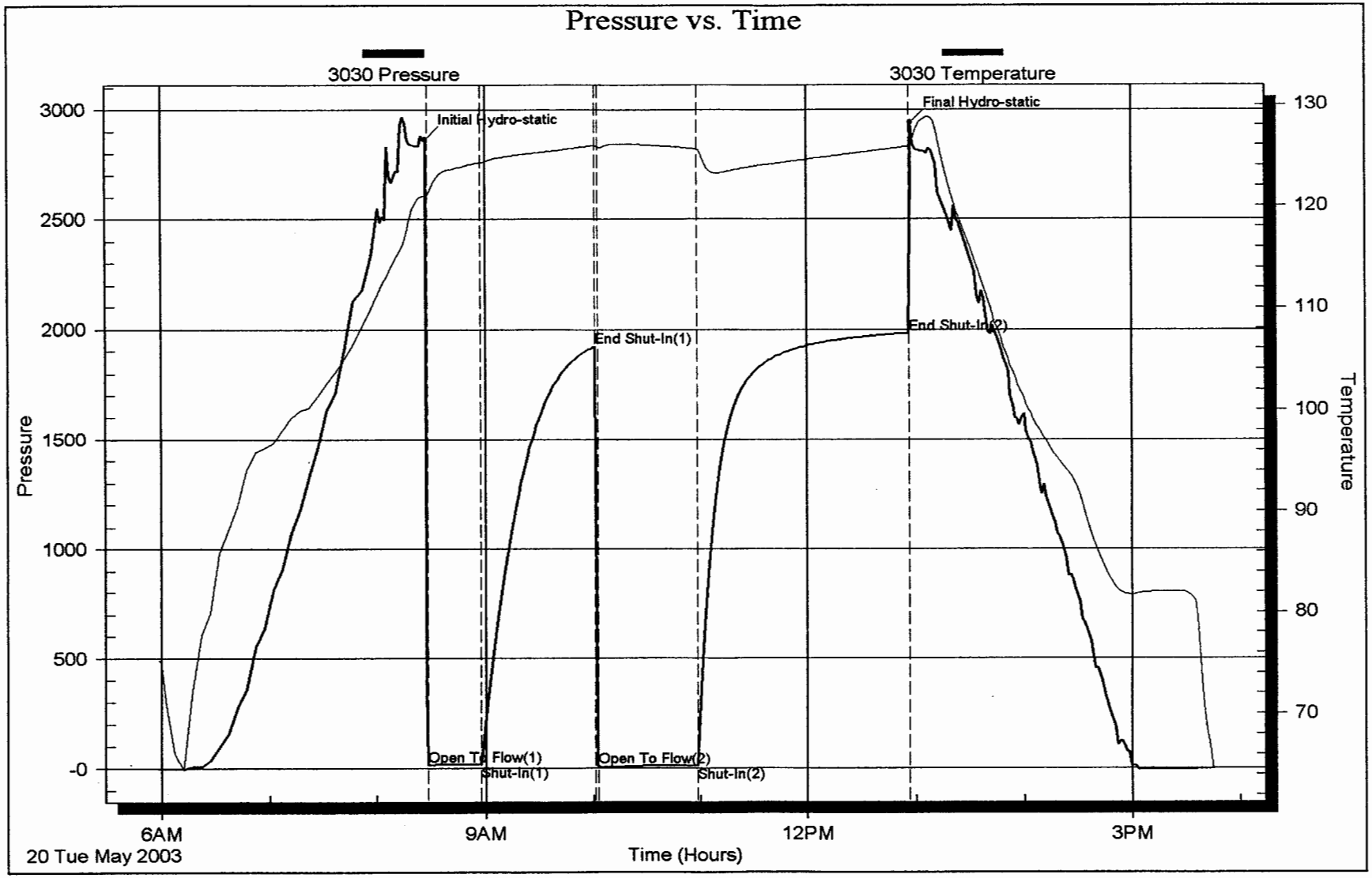
Length ft	Description	Volume bbl
62.00	10% G 90% M	0.305

Total Length: 62.00 ft Total Volume: 0.305 bbl

Num Fluid Samples: 1 Num Gas Bombs: 0 Serial #:

Laboratory Name: Caraway Laboratory Location: Liberal KS

Recovery Comments:


Pressure vs. Time
3030 Pressure
3030 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure
Temperature
3000
2500
2000
1500
1000
500
-0
130
120
110
100
90
80
70
6AM
9AM
12PM
3PM
20 Tue May 2003
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Raydon Exploration Inc**

9400 Broadway Ste 400
Oklahoma City, OK 73114

ATTN: Ed Grieves

7-35S-29 Meade KS

Wynona 4-7

Start Date: 2003.05.21 @ 14:18:58

End Date: 2003.05.22 @ 00:16:43

Job Ticket #: 16066 DST #: 4

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Raydon Exploration Inc

9400 Broadway Ste 400
Oklahoma City, OK 73114

ATTN: Ed Grieves

Wynona 4-7

7-35S-29 Meade KS

Job Ticket: 16066 **DST#: 4**

Test Start: 2003.05.21 @ 14:18:58

GENERAL INFORMATION:

Formation: **Morrow sdst**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 17:11:13
Time Test Ended: 00:16:43

Test Type: Conventional Bottom Hole
Tester: Blake Wallace
Unit No: 20

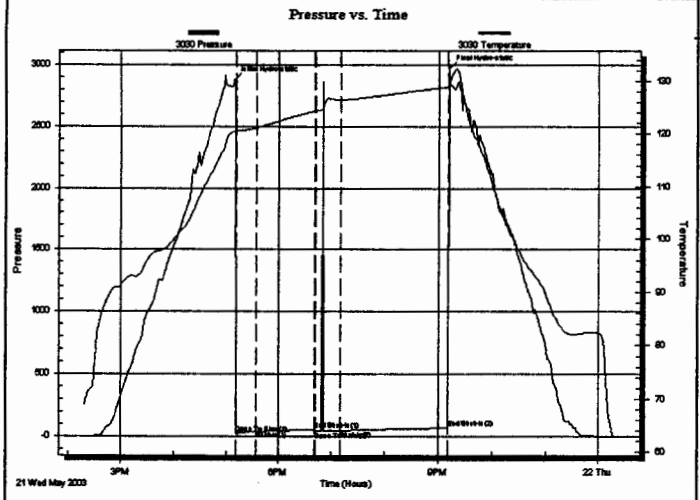
Interval: 5900.00 ft (KB) To 5933.00 ft (KB) (TVD)
Total Depth: 5933.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Good

Reference Elevations: 2453.00 ft (KB)
2441.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 3030 **Inside**
Press@RunDepth: 45.58 psig @ 5902.00 ft (KB)
Start Date: 2003.05.21 End Date: 2003.05.22
Start Time: 14:19:02 End Time: 00:16:43

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2003.05.21 @ 17:09:13
Time Off Btm: 2003.05.21 @ 21:11:43

TEST COMMENT: IF-weak blow built to 3/4 inch
ISI-no blow back
FF-no blow (flushed tool 5 min into with same results)
FSI-no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2874.79	120.45	Initial Hydro-static
2	23.83	120.63	Open To Flow (1)
25	42.54	121.08	Shut-In(1)
92	55.60	124.25	End Shut-In(1)
92	40.03	124.27	Open To Flow (2)
122	45.58	126.38	Shut-In(2)
242	66.05	128.82	End Shut-In(2)
243	2969.56	128.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	100 % mud	0.30

Gas Rates

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

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Raydon Exploration Inc

9400 Broadway Ste 400
Oklahoma City, OK 73114

ATTN: Ed Grieves

Wynona 4-7

7-35S-29 Meade KS

Job Ticket: 16066 **DST#: 4**

Test Start: 2003.05.21 @ 14:18:58

Tool Information

Drill Pipe:	Length:	5633.00 ft	Diameter:	3.80 inches	Volume:	79.02 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:	273.00 ft	Diameter:	2.25 inches	Volume:	1.34 bbl	Weight to Pull Loose:		98000.00 lb
					Total Volume:	80.36 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		28.00 ft					String Weight:	Initial	82000.00 lb
Depth to Top Packer:		5900.00 ft						Final	82000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		33.00 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			5879.00		
S.I. Tool	5.00			5884.00		
HMV	5.00			5889.00		
Safety Joint	2.00			5891.00		
Packer	5.00			5896.00	22.00	Bottom Of Top Packer
Packer	4.00			5900.00		
Stubb	1.00			5901.00		
Perforations	1.00			5902.00		
Recorder	0.00	3030	Inside	5902.00		
Perforations	28.00			5930.00		
Recorder	0.00	11019	Outside	5930.00		
Bullnose	3.00			5933.00	33.00	Bottom Packers & Anchor
Total Tool Length:	**55.00**					

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Raydon Exploration Inc

9400 Broadway Ste 400
Oklahoma City, OK 73114

ATTN: Ed Grieves

Wynona 4-7

7-35S-29 Meade KS

Job Ticket: 16066 **DST#: 4**

Test Start: 2003.05.21 @ 14:18:58

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:	4.39 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1600.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

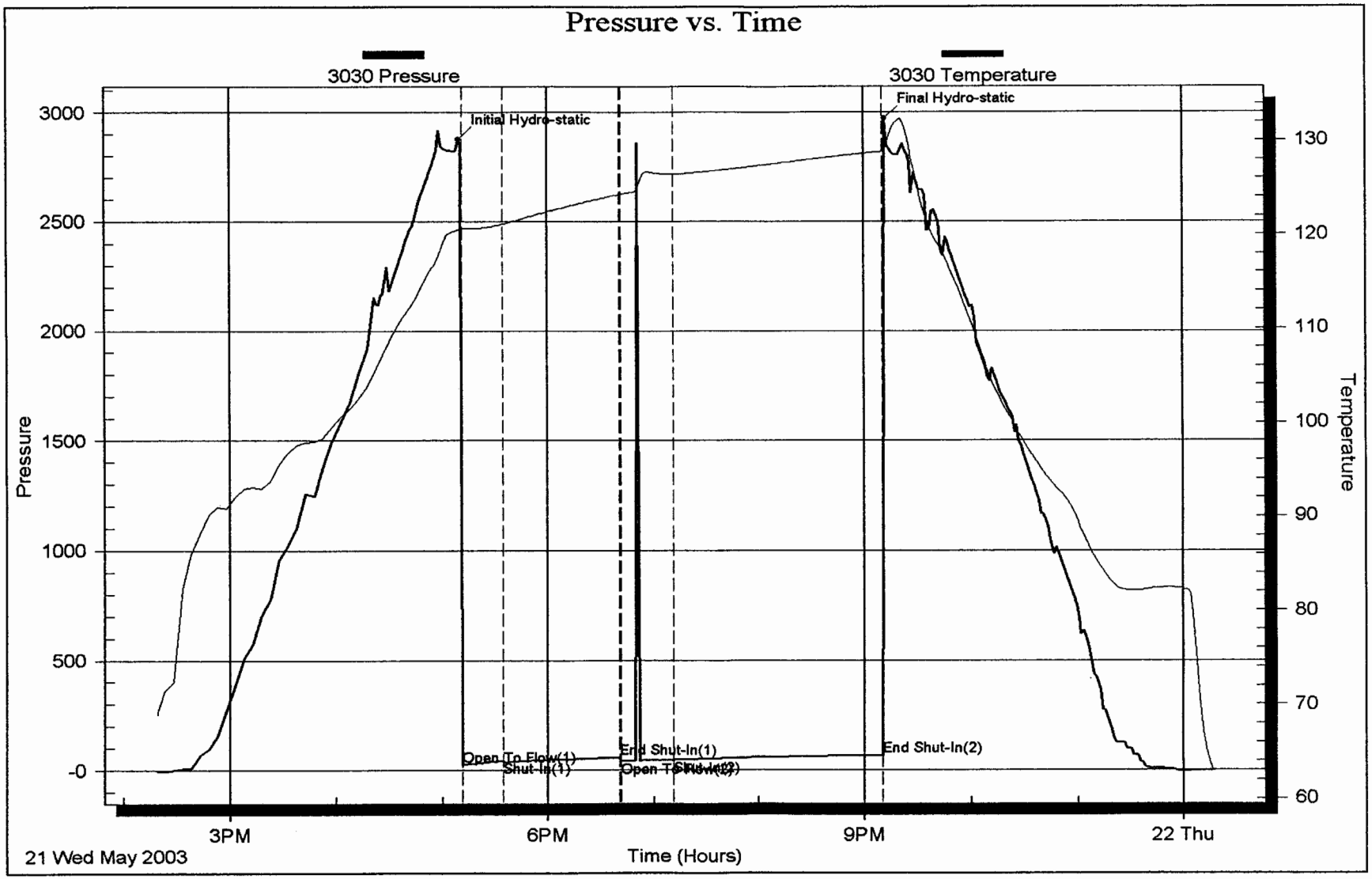
Length ft	Description	Volume bbl
62.00	100 % mud	0.305

Total Length: 62.00 ft Total Volume: 0.305 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
3030 Pressure
3030 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)
Pressure
Temperature
3000
2500
2000
1500
1000
500
-0
130
120
110
100
90
80
70
60
3PM
6PM
9PM
22 Thu
21 Wed May 2003
Time (Hours)