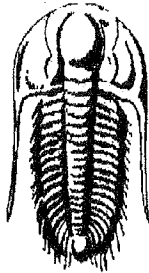


15-069-20810

15-27s-29w

IND



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Raydon Exploration, Inc**

1601 NW Expressway
STE 1300
Oklahoma City Ok, 73118

ATTN: Edwin Grieves

15 27 29 Gray KS

JW #1-15

Start Date: 2008.10.05 @ 13:50:22

End Date: 2008.10.06 @ 04:54:22

Job Ticket #: 27250 DST #: 1

KCC
JAN 14 2009
CONFIDENTIAL

Raydon Exploration, Inc

JW #1-15

15 27 29 Gray KS

DST # 1

Lansing 'C'

2008.10.05

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Raydon Exploration, Inc
 1601 NW Expressway
 STE 1300
 Oklahoma City Ok, 73118
 ATTN: Edw in Grieves

J W #1-15

15 27 29 Gray KS

Job Ticket: 27250

DST#: 1

Test Start: 2008.10.05 @ 13:50:22

GENERAL INFORMATION:

Formation: **Lansing 'C'**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:03:37
 Time Test Ended: 04:54:22

Test Type: Conventional Bottom Hole
 Tester: Mike Slemp
 Unit No: 28

Interval: **4374.00 ft (KB) To 4390.00 ft (KB) (TVD)**
 Total Depth: 4390.00 ft (KB) (TVD)
 Hole Diameter: 7.78 inches Hole Condition: Fair

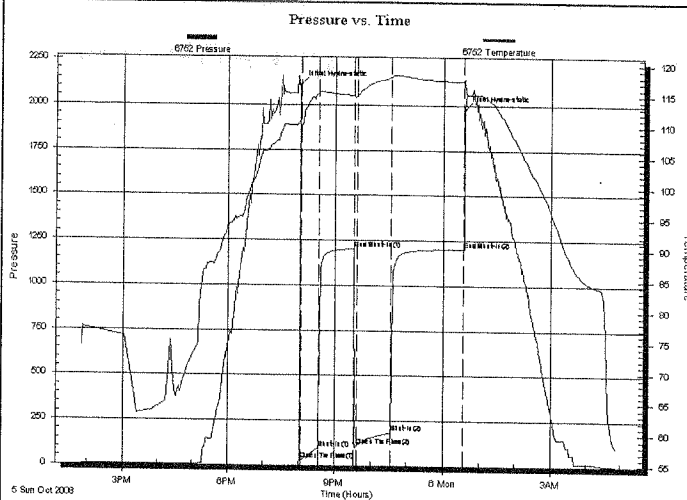
Reference Elevations: 2753.00 ft (KB)
 2741.00 ft (CF)
 KB to GR/CF: 12.00 ft

Serial #: 6752 Inside

Press@RunDepth: 184.05 psig @ 4381.00 ft (KB)
 Start Date: 2008.10.05 End Date: 2008.10.06
 Start Time: 13:50:23 End Time: 04:54:22

Capacity: 7000.00 psig
 Last Calib.: 2008.10.06
 Time On Btm: 2008.10.05 @ 20:01:22
 Time Off Btm: 2008.10.06 @ 00:35:22

TEST COMMENT: IF- Weak blow , 6 inches in 30 min
 IS- No blow back
 FF-Weak blow , 6 inches in 60min
 FS- No blow back



PRESSURE SUMMARY

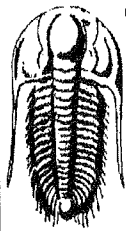
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2111.30	110.64	Initial Hydro-static
3	28.92	110.16	Open To Flow (1)
31	97.54	115.45	Shut-In(1)
91	1202.29	115.02	End Shut-In(1)
95	110.37	115.00	Open To Flow (2)
151	184.05	117.97	Shut-In(2)
272	1202.69	117.27	End Shut-In(2)
274	1977.29	117.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	50% mud 50% water	0.25
280.00	90% water 10% mud	1.85

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Raydon Exploration, Inc
1601 NW Expressway
STE 1300
Oklahoma City Ok, 73118
ATTN: Edwin Grieves

J W #1-15
15 27 29 Gray KS
Job Ticket: 27250 **DST#: 1**
Test Start: 2008.10.05 @ 13:50:22

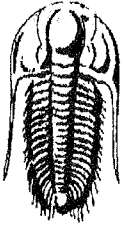
Tool Information

Drill Pipe:	Length: 4084.00 ft	Diameter: 3.80 inches	Volume: 57.29 bbl	Tool Weight: 2000.00 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: 278.00 ft	Diameter: 2.25 inches	Volume: 1.37 bbl	Weight to Pull Loose: 80000.00 lb
			Total Volume: 58.66 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 75000.00 lb
Depth to Top Packer:	4374.00 ft			Final 78000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	43.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4352.00	
Shut In Tool	5.00			4357.00	
Hydraulic tool	5.00			4362.00	
Jars	5.00			4367.00	
Safety Joint	2.00			4369.00	
Packer	5.00		Fluid	4374.00	23.00 Bottom Of Top Packer
Packer - Shale	4.00			4378.00	
Stubb	1.00			4379.00	
Perforations	2.00			4381.00	
Recorder	0.00	6752	Inside	4381.00	
Recorder	0.00	8321	Inside	4381.00	
Perforations	10.00			4391.00	
Bullnose	3.00			4394.00	20.00 Anchor Tool

Total Tool Length: 43.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Raydon Exploration, Inc

J W #1-15

1601 NW Expressway
STE 1300
Oklahoma City Ok, 73118
ATTN: Edwin Grieves

15 27 29 Gray KS

Job Ticket: 27250

DST#: 1

Test Start: 2008.10.05 @ 13:50:22

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: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.19 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2800.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	50% mud 50% water	0.246
280.00	90% water 10% mud	1.851

Total Length: 330.00 ft Total Volume: 2.097 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

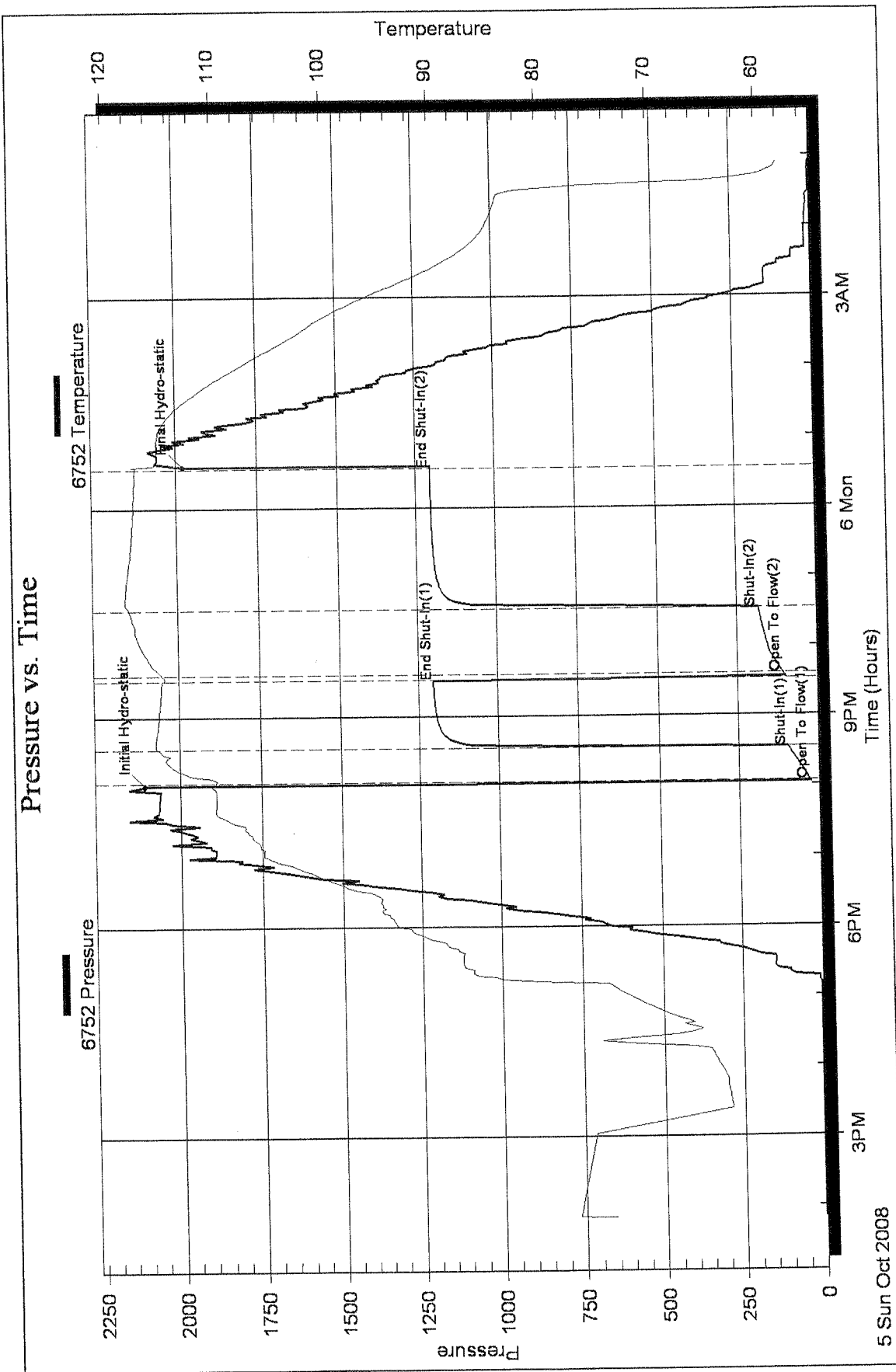
Serial #:

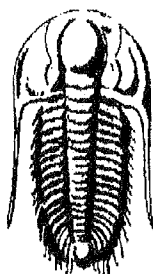
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Raydon Exploration, Inc**

1601 NW Expressway
STE 1300
Oklahoma City Ok, 73118

ATTN: Edwin Grieves

15 27 29 Gray KS

J W #1-15

Start Date: 2008.10.09 @ 02:30:00

End Date: 2008.10.09 @ 12:41:30

Job Ticket #: 34127 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Raydon Exploration, Inc

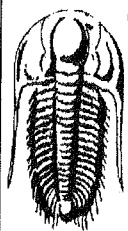
J W #1-15

15 27 29 Gray KS

DST # 2

St. Louis

2008.10.09



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Raydon Exploration, Inc
 1601 NW Expressway
 STE 1300
 Oklahoma City Ok, 73118
 ATTN: Edwin Grieves

J W #1-15

15 27 29 Gray KS

Job Ticket: 34127

DST#: 2

Test Start: 2008.10.09 @ 02:30:00

GENERAL INFORMATION:

Formation: **St. Louis**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:38:00
 Time Test Ended: 12:41:30

Test Type: Conventional Bottom Hole
 Tester: Harley Davidson
 Unit No: 33

Interval: **5050.00 ft (KB) To 5070.00 ft (KB) (TVD)**
 Total Depth: 5070.00 ft (KB) (TVD)
 Hole Diameter: 7.78 inches Hole Condition: Fair

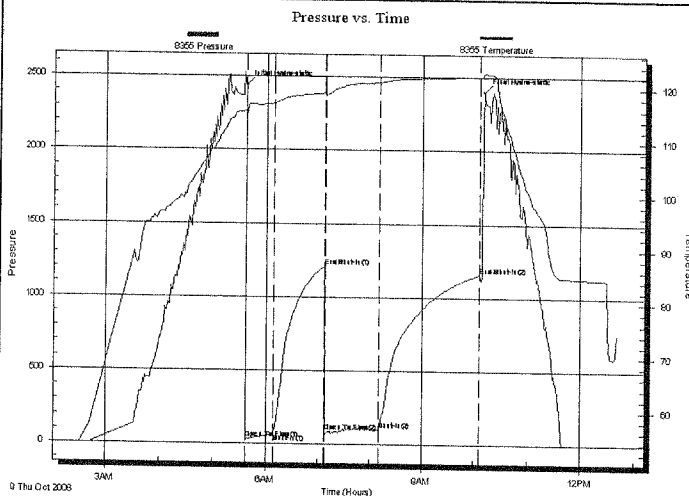
Reference Elevations: 2753.00 ft (KB)
 2741.00 ft (CF)
 KB to GR/CF: 12.00 ft

Serial #: 8355

Press@RunDepth: 96.62 psig @ ft (KB)
 Start Date: 2008.10.09 End Date: 2008.10.09
 Start Time: 02:30:01 End Time: 12:41:30

Capacity: 7000.00 psig
 Last Calib.: 2008.10.09
 Time On Btm: 2008.10.09 @ 05:37:45
 Time Off Btm: 2008.10.09 @ 10:11:15

TEST COMMENT: IF Good blow BOB 5min, NO GTS
 ISI No blow back
 FF Good blow BOB 3min, NO GTS
 FSI Weak blow back



PRESSURE SUMMARY

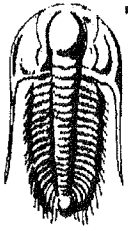
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2439.50	115.78	Initial Hydro-static
1	33.80	114.84	Open To Flow (1)
31	63.96	117.12	Shut-In(1)
90	1210.10	119.08	End Shut-In(1)
91	87.69	118.67	Open To Flow (2)
153	96.62	121.10	Shut-In(2)
269	1155.93	122.20	End Shut-In(2)
274	2402.62	122.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	2200 of GIP	0.00
280.00	5% m10% gas 85% oil	1.40

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Raydon Exploration, Inc

J W #1-15

1601 NW Expressway
STE 1300
Oklahoma City Ok, 73118
ATTN: Edw in Grieves

15 27 29 Gray KS

Job Ticket: 34127

DST#: 2

Test Start: 2008.10.09 @ 02:30:00

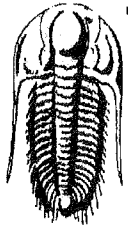
Tool Information

Drill Pipe:	Length: 4777.00 ft	Diameter: 3.80 inches	Volume: 67.01 bbl	Tool Weight: 2000.00 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: 278.00 ft	Diameter: 2.25 inches	Volume: 1.37 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 68.38 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 82000.00 lb
Depth to Top Packer:	5050.00 ft			Final 85000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	43.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			5032.00	
Hydraulic tool	5.00			5037.00	
Jars	5.00			5042.00	
Safety Joint	3.00			5045.00	
Packer	5.00			5050.00	23.00 Bottom Of Top Packer
Packer - Shale	4.00			5054.00	
Stubb	1.00			5055.00	
Recorder	0.00	6751	Inside	5055.00	
Recorder	0.00	8355	Inside	5055.00	
Perforations	1.00			5056.00	
Perforations	10.00			5066.00	
Bullnose	4.00			5070.00	20.00 Anchor Tool

Total Tool Length: 43.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Raydon Exploration, Inc

J W #1-15

1601 NW Expressway
STE 1300
Oklahoma City Ok, 73118
ATTN: Edwin Grieves

15 27 29 Gray KS

Job Ticket: 34127

DST#: 2

Test Start: 2008.10.09 @ 02:30:00

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: 6.99 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
0.00	2200 of GIP	0.000
280.00	5% m ¹⁰ % gas 85% oil	1.395

Total Length: 280.00 ft Total Volume: 1.395 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

