

DRILL STEM TEST REPORT

Prepared For: **EOG Resources Inc**

3817 NW Expressway Ste 500 Oklahoma
City OK 73112

ATTN: Dale Passig

1 28 34 Haskell KS

Apsley 1-2

Start Date: 2007.03.14 @ 05:19:59

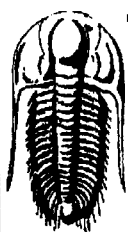
End Date: 2007.03.14 @ 17:12:29

Job Ticket #: 27330 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



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TESTING, INC

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Job Ticket: 27330

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Test Start: 2007.03.14 @ 05:19:59

GENERAL INFORMATION:

Formation: **Lower Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:38:39

Time Test Ended: 17:12:29

Test Type: Conventional Bottom Hole

Tester: Chris Hagman

Unit No: 34

Interval: **5244.00 ft (KB) To 5400.00 ft (KB) (TVD)**

Total Depth: 5400.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Good

Reference Elevations: 3070.00 ft (KB)

3059.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8288

Inside

Press@RunDepth: 137.86 psig @ 5246.00 ft (KB)

Start Date: 2007.03.14

End Date:

2007.03.14

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Start Time: 05:19:59

End Time:

17:12:29

Time On Btm: 2007.03.14 @ 09:37:49

Time Off Btm: 2007.03.14 @ 14:08:39

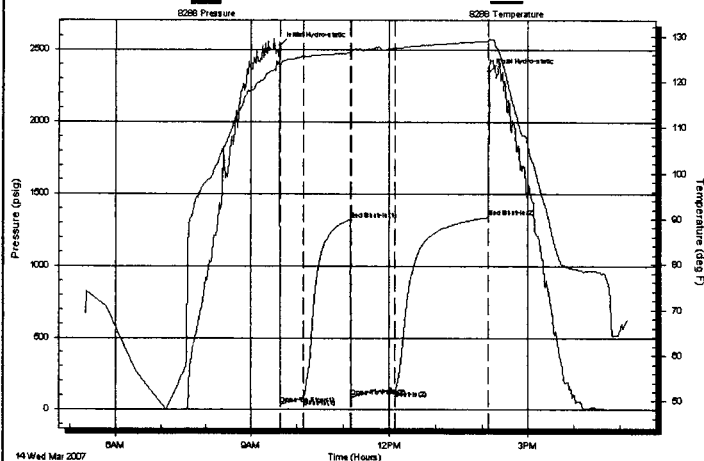
TEST COMMENT: IF 4 inches in 30 min. steady building blow

ISI No blow back

FF 1 inch in 20 min. weak dying blow

FSI No blow back

Pressure vs. Time



PRESSURE SUMMARY

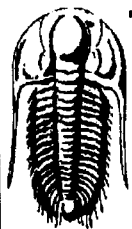
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2531.11	123.15	Initial Hydro-static
1	32.16	123.32	Open To Flow (1)
31	76.54	125.48	Shut-In(1)
92	1325.23	126.29	End Shut-In(1)
93	85.49	126.04	Open To Flow (2)
150	137.86	127.40	Shut-In(2)
270	1340.15	128.93	End Shut-In(2)
271	2350.06	129.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
279.00	Ospotted Mspot O 100%M	1.37

Gas Rates

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

EOG Resources Inc

Apsley 1-2

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Job Ticket: 27330

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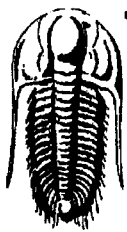
ATTN: Dale Passig

Test Start: 2007.03.14 @ 05:19:59

Tool Information

Drill Pipe:	Length: 4862.00 ft	Diameter: 3.80 inches	Volume: 68.20 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: 20000.00 lb
Drill Collar:	Length: 365.00 ft	Diameter: 2.25 inches	Volume: 1.80 bbl	Weight to Pull Loose: 110000.0 lb
		Total Volume: 70.00 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 88000.00 lb
Depth to Top Packer:	5244.00 ft			Final 88000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	156.00 ft			
Tool Length:	187.00 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			5214.00	
Shut In Tool	5.00			5219.00	
Sampler	3.00			5222.00	
Hydraulic tool	5.00			5227.00	
Jars	5.00			5232.00	
Safety Joint	3.00			5235.00	
Packer	5.00			5240.00	31.00 Bottom Of Top Packer
Packer	4.00			5244.00	
Stubb	1.00			5245.00	
Perforations	1.00			5246.00	
Recorder	0.00	8288	Inside	5246.00	
Change Over Sub	1.00			5247.00	
Drill Pipe	124.00			5371.00	
Change Over Sub	1.00			5372.00	
Perforations	25.00			5397.00	
Recorder	0.00	13630	Inside	5397.00	
Bullnose	3.00			5400.00	156.00 Bottom Packers & Anchor
Total Tool Length:	187.00				



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FLUID SUMMARY

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Test Start: 2007.03.14 @ 05:19:59

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:

3000 ppm

Viscosity: 36.00 sec/qt

Cushion Volume:

bbl

Water Loss: 12.57 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
279.00	Ospotted M spot O 100%M	1.372

Total Length: 279.00 ft Total Volume: 1.372 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler=4000ml Oil spotted mud @ 400 psi
RW=1.998@70F=3000ppm

DST Test Number: 1

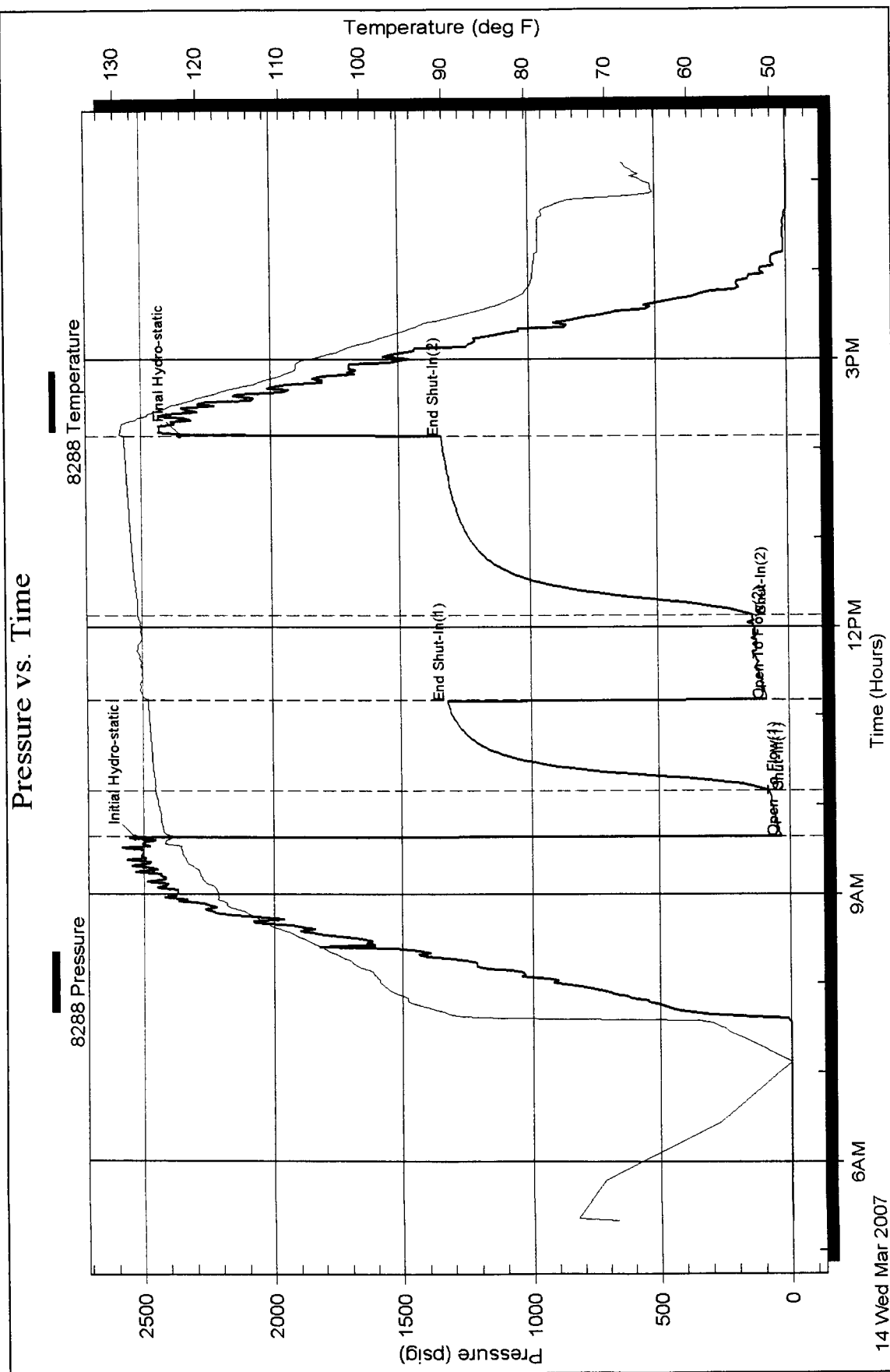
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Inside

Serial #: 8288

Pressure vs. Time



Ref. No: 27330

Trilobite Testing, Inc

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