

DRILL STEM TEST REPORT

Prepared For: **EOG Resources Inc**

3817 NW Expressway Ste 500
Oklahoma City OK 73112

ATTN: DALE PASSING

28 33 39 Morton KS

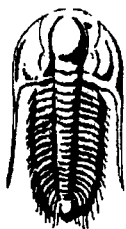
EOG RENEE 28-1

Start Date: 2007.08.25 @ 01:32:52

End Date: 2007.08.25 @ 13:32:52

Job Ticket #: 27181 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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Test Start: 2007.08.25 @ 01:32:52

GENERAL INFORMATION:

Formation: **Morrow Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:16:22

Time Test Ended: 13:32:52

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Interval: **5748.00 ft (KB) To 5852.00 ft (KB) (TVD)**

Total Depth: 5852.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 3266.00 ft (KB)

3254.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 6751

Press@RunDepth: 365.05 psig @ 5750.00 ft (KB)

Start Date: 2007.08.25

End Date:

2007.08.25

Start Time: 01:32:53

End Time:

13:32:52

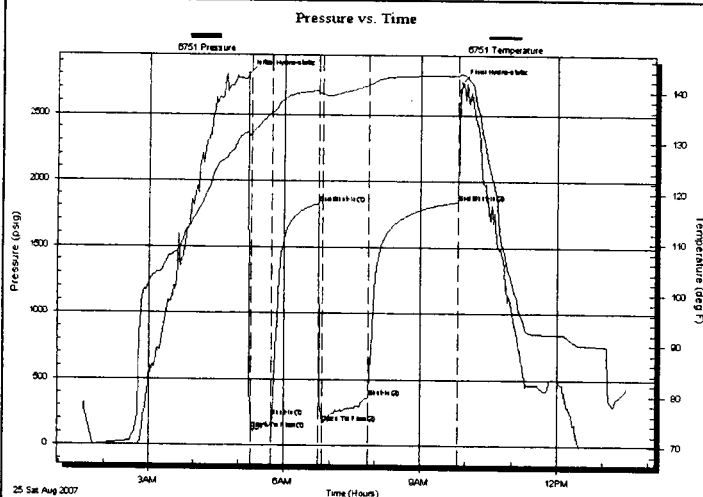
Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2007.08.25 @ 05:12:37

Time Off Btm: 2007.08.25 @ 09:54:37

TEST COMMENT: IF Strong Blow BOB ASAO GTS 7.5 min.
ISI No Blow Back
FF Strong Blow BOB GTS ASAO
FSI 10 in. into bucket on blow back



PRESSURE SUMMARY

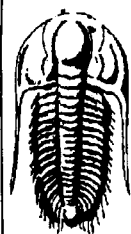
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2804.48	131.94	Initial Hydro-static
4	118.05	131.65	Open To Flow (1)
31	213.72	135.78	Shut-In (1)
93	1826.84	140.13	End Shut-In (1)
99	174.21	139.47	Open To Flow (2)
159	365.05	141.26	Shut-In (2)
278	1840.74	143.18	End Shut-In (2)
282	2742.42	143.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
931.00	50%O 50%G trace of Mud	9.73
93.00	10%W 10%W 30%G 50%O	1.30

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	3.00	117.38
Last Gas Rate	0.50	3.00	117.38
Max. Gas Rate	0.50	4.00	124.12



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TOOL DIAGRAM

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Job Ticket: 27181

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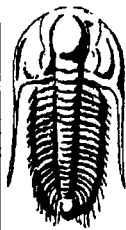
Test Start: 2007.08.25 @ 01:32:52

Tool Information

Drill Pipe:	Length: 5361.00 ft	Diameter: 3.80 inches	Volume: 75.20 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: 25000.00 lb
Drill Collar:	Length: 366.00 ft	Diameter: 2.25 inches	Volume: 1.80 bbl	Weight to Pull Loose: 100000.0 lb
		Total Volume: 77.00 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 74000.00 lb
Depth to Top Packer:	5748.00 ft			Final 8200.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	105.00 ft			
Tool Length:	136.00 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	2.00			5719.00	
Shut In Tool	5.00			5724.00	
Sampler	3.00			5727.00	
Hydraulic tool	5.00			5732.00	
Jars	5.00			5737.00	
Safety Joint	2.00			5739.00	
Packer	5.00			5744.00	31.00 Bottom Of Top Packer
Packer	4.00			5748.00	
Stubb	1.00			5749.00	
Perforations	1.00			5750.00	
Recorder	0.00	6751		5750.00	
Perforations	5.00			5755.00	
Change Over Sub	1.00			5756.00	
Drill Pipe	92.00			5848.00	
Change Over Sub	1.00			5849.00	
Recorder	0.00	11018	Outside	5849.00	
Bullnose	4.00			5853.00	105.00 Bottom Packers & Anchor
Total Tool Length:		136.00			



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FLUID SUMMARY

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ATTN: DALE PASSING

Job Ticket: 27181

DST#: 1

Test Start: 2007.08.25 @ 01:32:52

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: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
931.00	50%O 50%G trace of Mud	9.725
93.00	10%W 10%W 30%G 50%O	1.305

Total Length: 1024.00 ft Total Volume: 11.030 bbl

Num Fluid Samples: 1

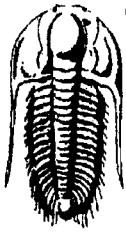
Num Gas Bombs: 1

Serial #:

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments: Sampler Data 2000 ML 100% Condensate w/a trace of Water and a trace of Mud @ 1700 PSI.



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GAS RATES

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Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	20	0.50	3.00	117.38
1	20	0.50	3.00	117.38
2	10	0.50	4.00	124.12
2	20	0.50	3.00	117.38
2	30	0.50	3.00	117.38
2	40	0.50	3.00	117.38
2	50	0.50	3.00	117.38
2	60	0.50	3.00	117.38

Serial #: 6751

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DST Test Number: 1

