

## DRILL STEM TEST REPORT

Prepared For: **EOG Resorces Inc**

3817 NW Expressway Ste 500  
Oklahoma City OK 73117

ATTN: G Brock

**21 31 35 Stevens KS**

**Lola 21 #2**

Start Date: 2007.08.15 @ 06:00:15

End Date: 2007.08.15 @ 16:30:15

Job Ticket #: 27186                      DST #: 1

Trilobite Testing, Inc

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## GENERAL INFORMATION:

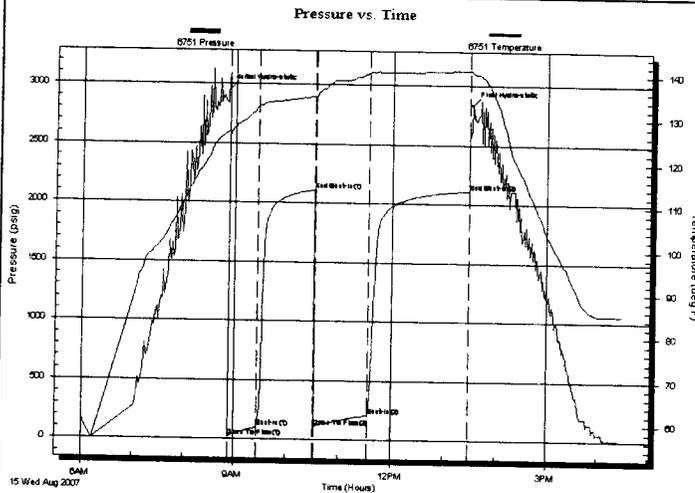
Formation: **Basal Chester**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 08:53:45  
 Time Test Ended: 16:30:15  
 Interval: **5940.00 ft (KB) To 6010.00 ft (KB) (TVD)**  
 Total Depth: 6010.00 ft (KB) (TVD)  
 Hole Diameter: 7.78 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole  
 Tester: Harley Davidson  
 Unit No: 33  
 Reference Elevations: 3014.00 ft (KB)  
 3002.00 ft (CF)  
 KB to GR/CF: 12.00 ft

## Serial #: 6751

Inside

Press@RunDepth: 209.45 psig @ 5942.00 ft (KB)  
 Start Date: 2007.08.15 End Date: 2007.08.15  
 Start Time: 06:00:16 End Time: 16:30:15  
 Capacity: 7000.00 psig  
 Last Calib.: 1899.12.30  
 Time On Btm: 2007.08.15 @ 08:53:30  
 Time Off Btm: 2007.08.15 @ 13:32:15

TEST COMMENT: IF Weak building blow 2" into bucket  
 ISI No blow back  
 FF Weak surface blow  
 FSI No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2962.63	127.17	Initial Hydro-static
1	219.0	125.61	Open To Flow (1)
34	100.45	132.63	Shut-In(1)
99	2111.77	134.99	End Shut-In(1)
99	113.32	134.58	Open To Flow (2)
160	209.45	140.45	Shut-In(2)
276	2112.71	141.15	End Shut-In(2)
279	2839.91	140.67	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
275.00	100%M trace of water	1.35
93.00	10%W 90%M	0.46

## Gas Rates

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



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**TOOL DIAGRAM**

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### Tool Information

Drill Pipe:	Length: 5547.00 ft	Diameter: 3.80 inches	Volume: 77.81 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: 368.00 ft	Diameter: 2.25 inches	Volume: 1.81 bbl	Weight to Pull Loose: 105000.0 lb
		<b>Total Volume:</b>	<b>79.62 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 76000.00 lb
Depth to Top Packer:	5940.00 ft			Final 76000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	71.00 ft			
Tool Length:	102.00 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			5911.00	
Shut In Tool	5.00			5916.00	
Sampler	3.00			5919.00	
Hydraulic tool	5.00			5924.00	
Jars	5.00			5929.00	
Safety Joint	2.00			5931.00	
Packer	5.00			5936.00	31.00      Bottom Of Top Packer
Packer	4.00			5940.00	
Stubb	1.00			5941.00	
Perforations	1.00			5942.00	
Recorder	0.00	6751	Inside	5942.00	
Change Over Sub	1.00			5943.00	
Drill Pipe	61.00			6004.00	
Change Over Sub	1.00			6005.00	
Perforations	2.00			6007.00	
Recorder	0.00	11018	Outside	6007.00	
Bullnose	4.00			6011.00	71.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>102.00</b>				



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## 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:	40000 ppm
Viscosity: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.69 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1000.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
275.00	100%M trace of water	1.352
93.00	10%W 90%M	0.457

Total Length: 368.00 ft      Total Volume: 1.809 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments: Sampler Data- 2000 ML 50%W 50%M @ 2000 PSI

