

IND

15-189-22679

27-33-39w


TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

EOG Resources Inc.

Central Plains 27#4

3817 NW Expressway Oklahoma City Ok.
73112+1483

27/33/39

Job Ticket: 34077

DST#: 1

ATTN: Preston Haskill

Test Start: 2009.07.11 @ 02:30:00

GENERAL INFORMATION:

Formation: **Morrow**Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 05:56:30

Time Test Ended: 12:49:00

Test Type: **Conventional Bottom Hole**Tester: **Harley Davidson**Unit No: **33**Interval: **5644.00 ft (KB) To 5799.00 ft (KB) (TVD)**Reference Elevations: **3251.00 ft (KB)**Total Depth: **ft (KB) (TVD)****3239.00 ft (CF)**Hole Diameter: **7.78 inches** Hole Condition: **Fair**KB to GR/CF: **12.00 ft**Serial #: **6773**

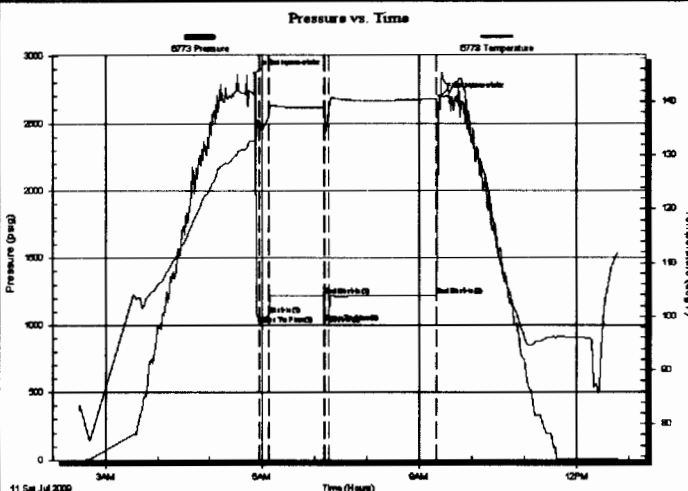
Inside

Press@RunDepth: **1070.27 psig @ 5670.00 ft (KB)**Capacity: **7000.00 psig**Start Date: **2009.07.11**

End Date:

2009.07.11Last Calib.: **2009.07.11**Start Time: **02:30:01**

End Time:

12:49:00Time On Btm: **2009.07.11 @ 05:51:15**Time Off Btm: **2009.07.11 @ 09:23:15**TEST COMMENT: **F- Strong blow BOB ASAO, GTS****IS- Weak blow back.****FF- Strong blow BOB, GTS, ASAO.****FS- Weak blow back.****CONFIDENTIAL****OCT 14 2009****KCC**

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2867.16	132.87	Initial Hydro-static
6	1004.50	136.29	Open To Flow (1)
17	1080.58	137.37	Shut-In(1)
80	1218.09	138.96	End Shut-In(1)
81	1020.00	135.08	Open To Flow (2)
86	1070.27	138.72	Shut-In(2)
209	1218.39	140.57	End Shut-In(2)
212	2696.64	138.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	All !!	0.00
700.00	40% gas 60% mud	6.45
42.00	40% oil 40% gas 20% mud	0.59

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	1.00	105.00	3432.61
Last Gas Rate	1.00	100.00	3288.86
Max. Gas Rate	1.00	145.00	4582.56

27-33-39

RECEIVED

NOV 02 2009

KCC WICHITA



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

EOG Resources Inc.

Central Plains 27#4

3817 NW Expressway Oklahoma City Ok.
73112+1483

27/33/39

Job Ticket: 34077

DST#: 1

ATTN: Preston Haskill

Test Start: 2009.07.11 @ 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: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.19 in³

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
0.00	All !!	0.000
700.00	40%gas 60% mud	6.449
42.00	40%oil 40%gas 20%mud	0.589

Total Length: 742.00 ft

Total Volume: 7.038 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler Data- 500 ML of condensate trace mud 32 CFD gas @ 1200 PSI

CONFIDENTIAL

OCT 14 2009

KCC

RECEIVED

NOV 02 2009

KCC WICHITA



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

EOG Resources Inc.

Central Plains 27#4

3817 NW Expressway Oklahoma City Ok.
73112+1483

27/33/39

Job Ticket: 34077

DST#: 1

ATTN: Preston Haskill

Test Start: 2009.07.11 @ 02:30:00

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	10	1.00	105.00	3432.61
1	15	1.00	145.00	4582.56
2	10	1.00	115.00	3720.10
2	15	1.00	100.00	3288.86

CONFIDENTIAL

OCT 14 2009

KCC

RECEIVED

NOV 02 2009

KCC WICHITA

Pressure vs. Time

