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15-067-21685

33-29-35w NOV 02 2009



Weatherford® Completion Systems

DRILL STEM TEST REPORT

KCC WICHITA

EOG Resources, Inc.

Lightly 33-1

3817 NW Expressway STE 500 OKC, OK 73112

33/29/35

Job Ticket: 30879

DST#: 1

ATTN: Jackie Sessions

Test Start: 2009.09.25 @ 06:07:05

GENERAL INFORMATION:

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

Time Tool Opened: 16:20:04

Time Test Ended: 22:26:44

Test Type: **Conventional Straddle**Tester: **Chris Hagman**Unit No: **34**Interval: **4079.00 ft (KB) To 4118.00 ft (KB) (TVD)**Reference Elevations: **2957.00 ft (KB)**Total Depth: **5750.00 ft (KB) (TVD)****2945.00 ft (CF)**Hole Diameter: **7.78 inches** Hole Condition: **Good**KB to GR/CF: **12.00 ft**Serial #: **6753**

Inside

Press@RunDepth: **1800.16 psig @ 4081.00 ft (KB)**Capacity: **8000.00 psig**Start Date: **2009.09.25**

End Date:

2009.09.25Last Calib.: **2009.09.25**Start Time: **06:07:05**

End Time:

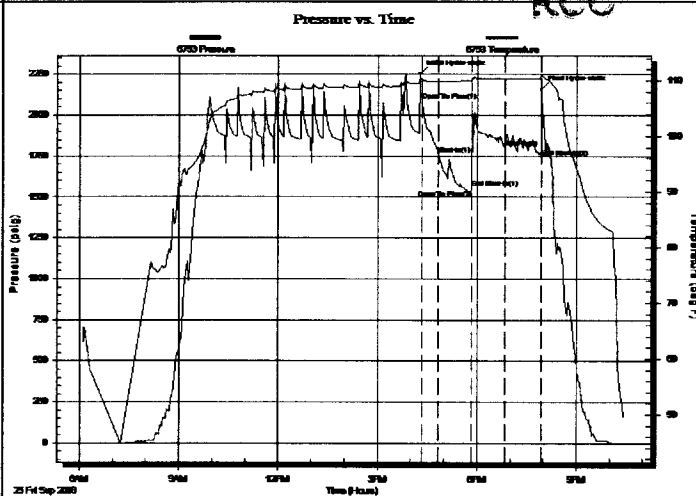
22:26:44Time On Btm: **2009.09.25 @ 16:16:04**Time Off Btm: **2009.09.25 @ 19:56:14**

TEST COMMENT: IF: Weak surface blow

IS: No blow back

FF: No blow, flushed tool, still no blow

FS: No blow back

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PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2252.60	110.70	Initial Hydro-static
4	2086.64	110.19	Open To Flow (1)
34	1763.31	109.80	Shut-In(1)
94	1558.33	109.99	End Shut-In(1)
95	1545.60	109.99	Open To Flow (2)
156	1800.16	110.25	Shut-In(2)
220	1745.84	110.27	End Shut-In(2)
221	2156.09	111.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	100%M	0.02

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Test Start: 2009.09.25 @ 06:07:05

GENERAL INFORMATION:

Formation: **Lansing**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:20:04

Time Test Ended: 22:26:44

Test Type: Conventional Straddle

Tester: Chris Hagman

Unit No: 34

Interval: **4079.00 ft (KB) To 4118.00 ft (KB) (TVD)**

Reference Elevations: 2957.00 ft (KB)

Total Depth: 5750.00 ft (KB) (TVD)

2945.00 ft (CF)

Hole Diameter: 7.78 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

Serial #: **8374** Below (Straddle)

Press@RunDepth: psig @ 4120.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2009.09.25

End Date:

2009.09.25

Last Calib.:

2009.09.25

Start Time: 06:10:31

End Time:

22:28:19

Time On Btm:

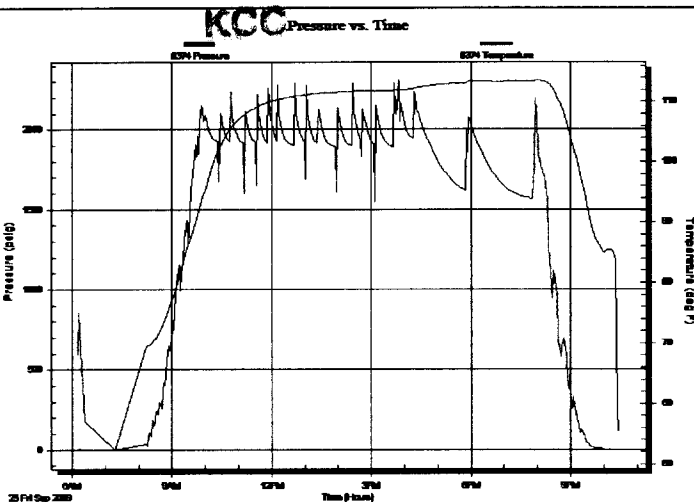
Time Off Btm:

TEST COMMENT: IF: Weak surface blow, died 10 sec.

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FF: No blow, flushed tool, still no blow

DCT PS: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
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Recovery

Length (ft)	Description	Volume (bbl)
5.00	100%M	0.02

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Weatherford® Completion Systems

DRILL STEM TEST REPORT

TOOL DIAGRAM

EOG Resources, Inc.

Lightly 33-1

3817 NW Expressway STE 500 OKC, OK 73112

33/29/35

Job Ticket: 30879

DST#: 1

ATTN: Jackie Sessions

Test Start: 2009.09.25 @ 06:07:05

Tool Information

Drill Pipe:	Length: 3685.00 ft	Diameter: 3.80 inches	Volume: 51.69 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: 90000.00 lb
		Total Volume: 53.50 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	4079.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	4114.00 ft			
Interval between Packers:	35.00 ft			
Tool Length:	1702.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

We waited over six hours for H2S crew to show up. We moved the tool up and down while we waited @ 100' off bottom. Tool was plugged when we opened it. No graphs are good. Straddle did not work either

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4049.00	
Shut In Tool	5.00			4054.00	
Sampler	3.00			4057.00	
Hydraulic tool	5.00			4062.00	
Jars	5.00			4067.00	
Safety Joint	3.00			4070.00	
Packer	5.00			4075.00	31.00 Bottom Of Top Packer
Packer	4.00			4079.00	
Stubb	1.00			4080.00	
Perforations	1.00			4081.00	
Recorder	0.00	6753	Inside	4081.00	
Perforations	20.00			4101.00	
Change Over Sub	1.00			4102.00	
Blank Spacing	10.00			4112.00	
Change Over Sub	1.00			4113.00	
Blank Off Sub	1.00			4114.00	35.00 Tool Interval
Packer	4.00			4118.00	
Stubb	1.00			4119.00	
Change Over Sub	1.00			4120.00	
Recorder	0.00	8374	Below	4120.00	
Drill Pipe	1626.00			5746.00	
Change Over Sub	1.00			5747.00	
Bullnose	3.00			5750.00	1636.00 Bottom Packers & Anchor
Total Tool Length:				1702.00	

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DRILL STEM TEST REPORT

FLUID SUMMARY

EOG Resources, Inc.

Lightly 33-1

3817 NW Expressway STE 500 OKC, OK 73112

33/29/35

Job Ticket: 30879

DST#: 1

ATTN: Jackie Sessions

Test Start: 2009.09.25 @ 06:07:05

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:

4300 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.20 cm³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	100%M	0.025

Total Length: 5.00 ft

Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

OCT 28 2009

Recovery Comments: RW=1.435@70F=4300ppm

Sampler=4000ml mud @ 50psi

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GAS RATES

EOG Resources, Inc.

Lightly 33-1

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33/29/35

Job Ticket: 30879

DST#: 1

ATTN: Jackie Sessions

Test Start: 2009.09.25 @ 06:07:05

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 (m³/d)
		0.00	0.00	0.00

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