

CONFIDENTIAL
JAN 31 2008
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Weatherford®

Completion Systems

DRILL STEM TEST REPORT

Prepared For: **EOG Resources Inc**

3817 NW Expressway Ste 500
Oklahoma City OK 73112

ATTN: Herb Nutter

35 31 39 Stevens KS

Cynthia #35-1

Start Date: 2007.12.11 @ 20:23:46

End Date: 2007.12.12 @ 10:49:25

Job Ticket #: 26353 DST #: 2

ALPINE OIL SERVICES CORPORATION
2460, 240 - 4 Avenue S.W. Calgary, AB. T2P 4H4
ph: 263-7800 fax: 264-7260



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DRILL STEM TEST REPORT

EOG Resources Inc

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ATTN: Herb Nutter

Cynthia #35-1

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Job Ticket: 26353

DST#: 2

Test Start: 2007.12.11 @ 20:23:46

GENERAL INFORMATION:

Formation: Lower St. Louis

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:03:55

Time Test Ended: 10:49:25

Test Type: Conventional Straddle

Tester: Chris Hagman

Unit No: 34

Interval: 6070.00 ft (KB) To 6115.00 ft (KB) (TVD)

Total Depth: 6180.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Good

Reference Elevations: 3195.00 ft (KB)

3183.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 6753

Inside

Press@RunDepth: 1468.26 psig @ 6105.00 ft (KB)

Start Date: 2007.12.11

End Date:

2007.12.12

Start Time: 20:23:46

End Time:

10:49:25

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2007.12.12 @ 02:02:25

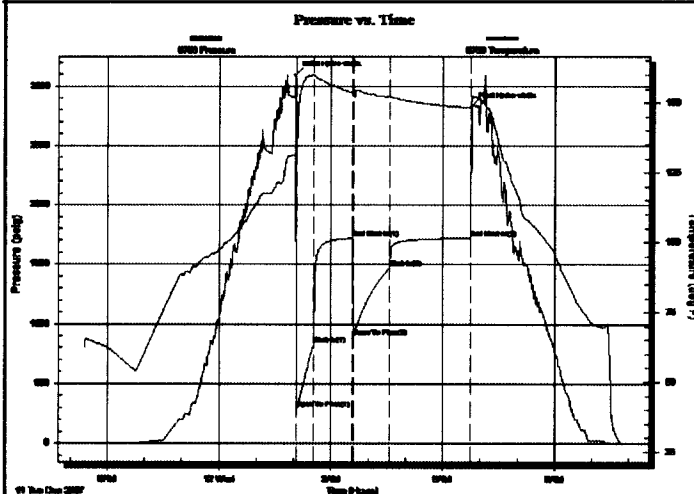
Time Off Btm: 2007.12.12 @ 06:45:55

TEST COMMENT: F BOB 1.5 min. strong steady blow

ISI No blow back

FF BOB 2 min. strong steady blow

FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3091.47	131.72	Initial Hydro-static
2	289.05	132.93	Open To Flow (1)
30	829.71	160.09	Shut-In(1)
92	1717.97	153.57	End Shut-In(1)
93	889.30	152.43	Open To Flow (2)
152	1468.26	152.27	Shut-In(2)
283	1721.50	148.38	End Shut-In(2)
284	2831.89	151.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3070.00	100%W	39.79

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Reference Elevations: 3195.00 ft (KB)

3183.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 8322 Outside

Press@RunDepth: psig @ 6117.00 ft (KB)

Start Date: 2007.12.11

End Date:

2007.12.12

Start Time: 20:27:14

End Time:

10:48:43

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm:

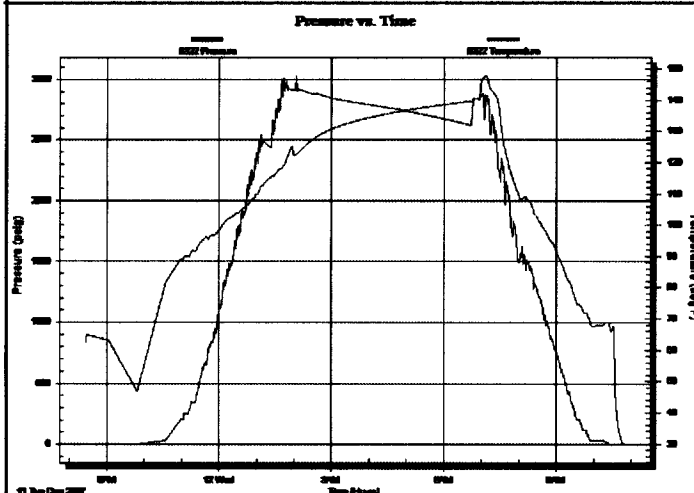
Time Off Btm:

TEST COMMENT: IF BOB 1.5 min. strong steady blow

ISI No blow back

FF BOB 2 min. strong steady blow

FSI No blow back



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
3070.00	100%W	39.79

Gas Rates

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

EOG Resources Inc

Cynthia #35-1

3817 NW Expressway Ste 500
Oklahoma City OK 73112

35 31 39 Stevens KS

Job Ticket: 26353

DST#: 2

ATTN: Herb Nutter

Test Start: 2007.12.11 @ 20:23:46

Tool Information

Drill Pipe:	Length: 5705.00 ft	Diameter: 3.80 inches	Volume: 80.03 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:	30000.00 lb
Drill Collar:	Length: 359.00 ft	Diameter: 2.25 inches	Volume: 1.77 bbl	Weight to Pull Loose:	100000.0 lb
		Total Volume:	81.80 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial	78000.00 lb
Depth to Top Packer:	6070.00 ft			Final	88000.00 lb
Depth to Bottom Packer:	6111.00 ft				
Interval between Packers:	41.00 ft				
Tool Length:	141.00 ft				
Number of Packers:	3	Diameter:	6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			6040.00	
Shut In Tool	5.00			6045.00	
Sampler	3.00			6048.00	
Hydraulic tool	5.00			6053.00	
Jars	5.00			6058.00	
Safety Joint	3.00			6061.00	
Packer	5.00			6066.00	31.00 Bottom Of Top Packer
Packer	4.00			6070.00	
Stubb	1.00			6071.00	
Perforations	1.00			6072.00	
Change Over Sub	1.00			6073.00	
Drill Pipe	31.00			6104.00	
Change Over Sub	1.00			6105.00	
Recorder	0.00	6753	Inside	6105.00	
Perforations	5.00			6110.00	
Blank Off Sub	1.00			6111.00	41.00 Tool Interval
Packer	4.00			6115.00	
Stubb	1.00			6116.00	
Perforations	1.00			6117.00	
Recorder	0.00	8322	Outside	6117.00	
Change Over Sub	1.00			6118.00	
Drill Pipe	62.00			6180.00	69.00 Bottom Packers & Anchor

Total Tool Length: 141.00



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FLUID SUMMARY

EOG Resources Inc

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Job Ticket: 26353

DST#: 2

ATTN: Herb Nutter

Test Start: 2007.12.11 @ 20:23:46

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:

125000 ppm

Viscosity: 66.00 sec/qt

Cushion Volume:

bbl

Water Loss: 5.59 cm³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3070.00	100%W	39.794

Total Length: 3070.00 ft Total Volume: 39.794 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.081@59F=125,000ppm

Sampler=4000ml W @ 200psi



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GAS RATES

EOG Resources Inc

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Job Ticket: 26353

DST#: 2

ATTN: Herb Nutter

Test Start: 2007.12.11 @ 20:23:46

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

Serial #: 6753

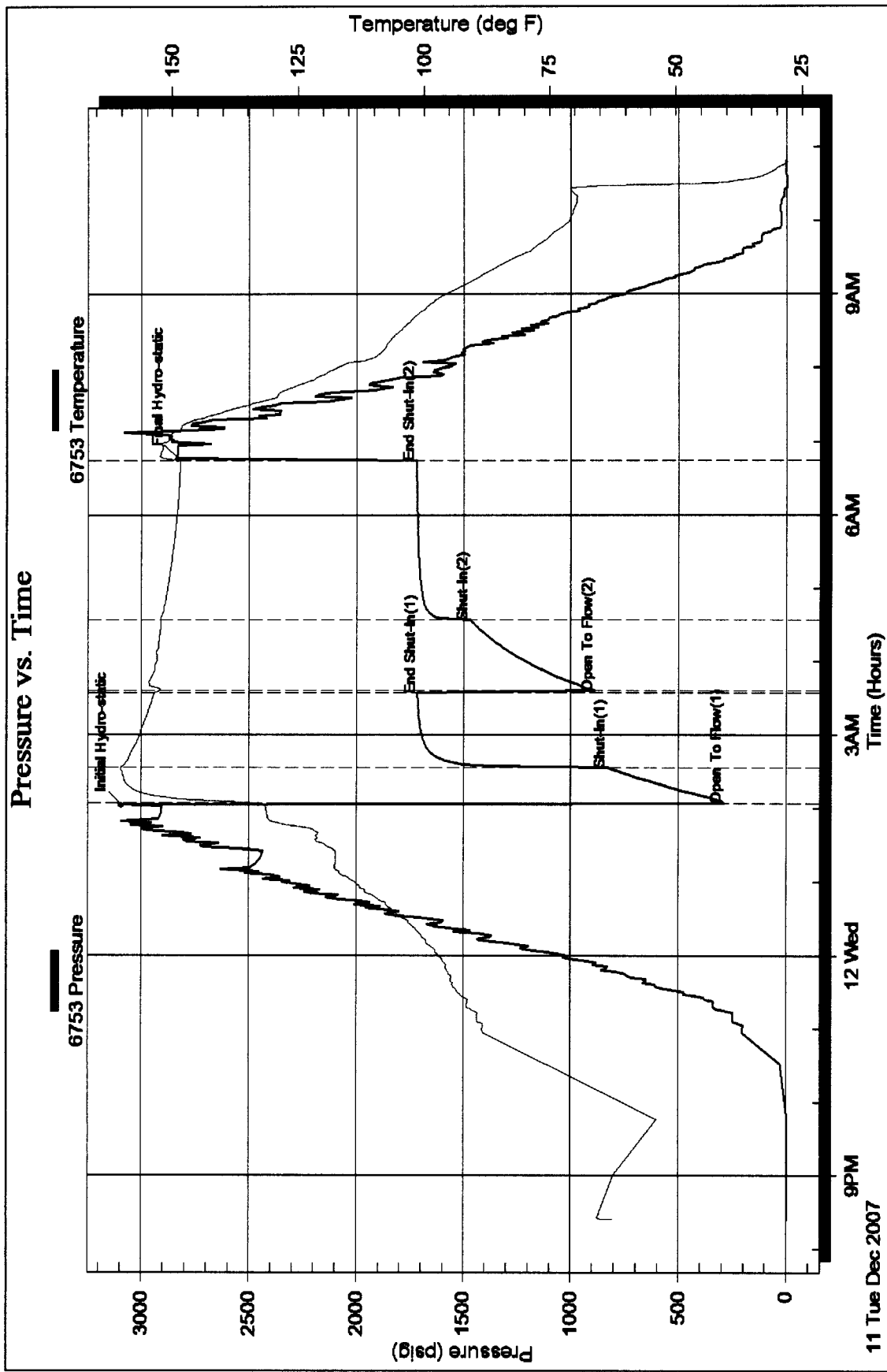
Inside

EOG Resources Inc

35 31 39 Stevens KS

DST Test Number: 2

Pressure vs. Time



Serial #: 8322

Outside

EOG Resources Inc

35 31 39 Stevens KS

DST Test Number: 2

Pressure vs. Time

