



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

EOG Resources Inc.

Timken 22-1

3817 NW Expressway Oklahoma City Ok. 73112-1483

22/32/37

ATTN: William H.

Job Ticket: 39437

DST#: 1

Test Start: 2011.07.01 @ 02:45:00

GENERAL INFORMATION:

Formation: **St. Louis B C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:45:45

Time Test Ended: 15:26:30

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Interval: 6313.00 ft (KB) To 6385.00 ft (KB) (TVD)

Reference Elevations: 3132.00 ft (KB)

Total Depth: 6385.00 ft (KB) (TVD)

3121.00 ft (CF)

Hole Diameter: 7.78 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 6772 Inside

Press @ Run Depth: 32.88 psig @ 6315.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.07.01

End Date:

2011.07.01

Last Calib.:

2011.07.01

Start Time: 02:45:05

End Time:

15:26:30

Time On Btm:

2011.07.01 @ 07:39:45

Time Off Btm:

2011.07.01 @ 12:15:45

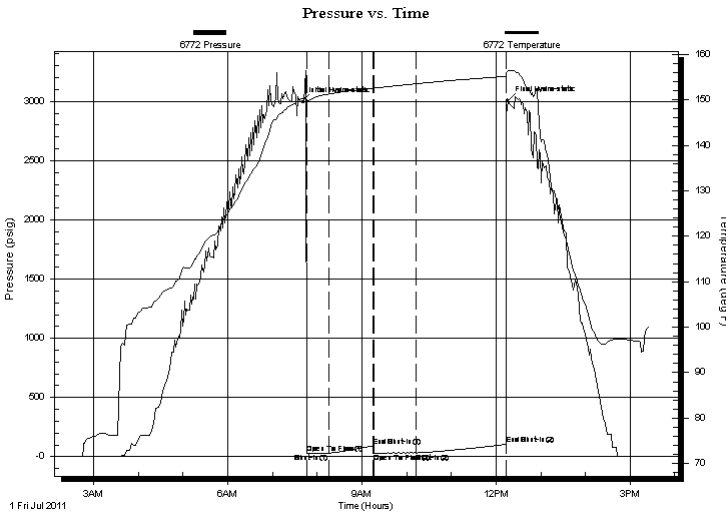
TEST COMMENT: IF- Weak Surface blow that died after 6min.

IS- No blow back.

FF- No blow .

FS- No blow back.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2995.59	150.30	Initial Hydro-static
6	31.09	149.92	Open To Flow (1)
36	30.37	151.30	Shut-In(1)
96	92.35	152.59	End Shut-In(1)
96	29.36	152.57	Open To Flow (2)
154	32.88	153.56	Shut-In(2)
274	105.06	155.17	End Shut-In(2)
276	3006.98	156.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	100% mud	0.07

Gas Rates

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



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Job Ticket: 39437

DST#: 1

ATTN: William H.

Test Start: 2011.07.01 @ 02:45:00

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: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1100.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	100% mud	0.074

Total Length: 15.00 ft Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

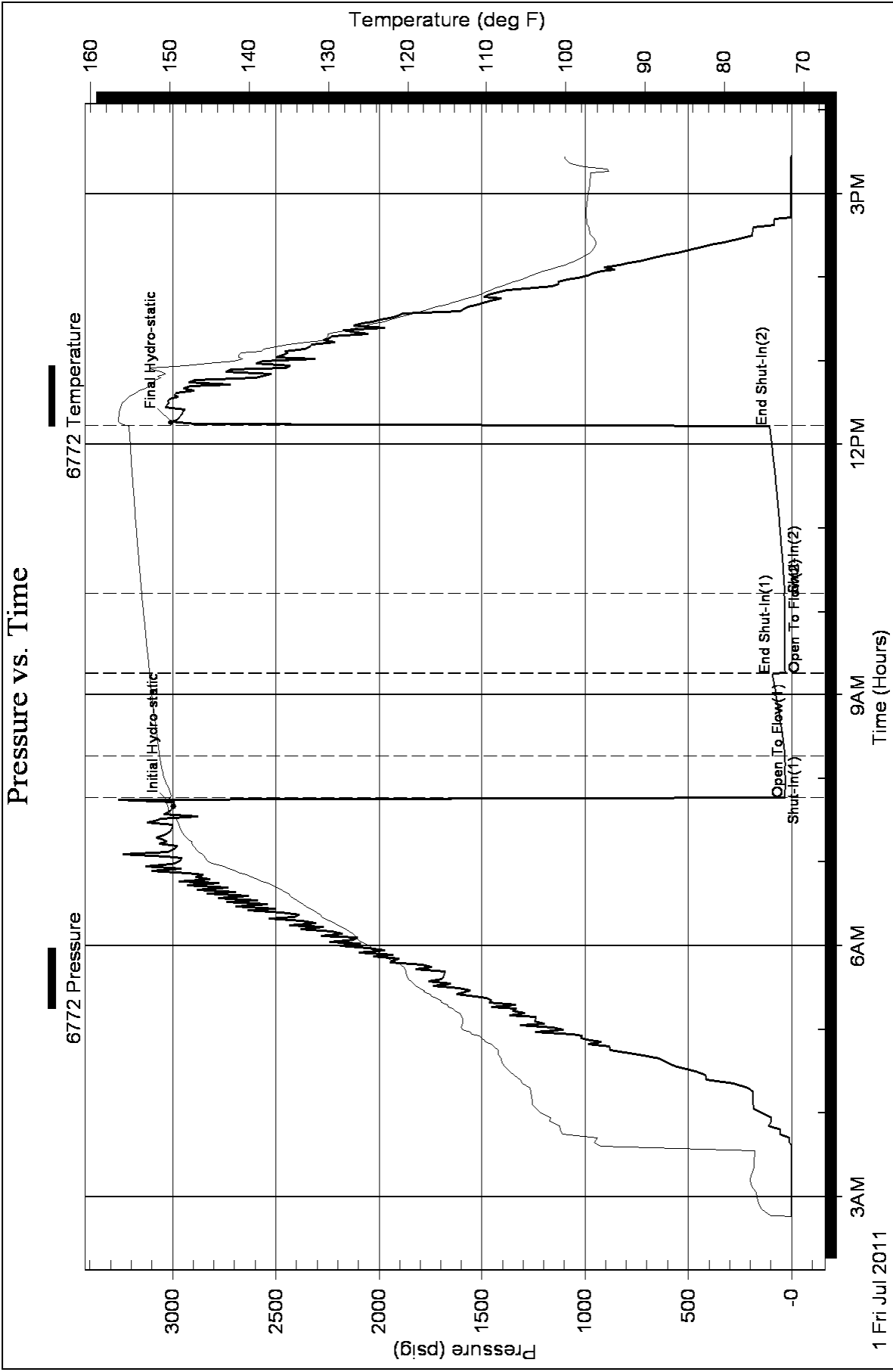
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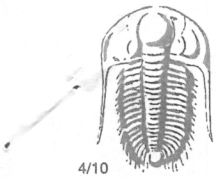
Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler Data- Trace of mud @ 100 PSI.

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
JUL 14 2011
BY: _____

Test Ticket

NO. 039437 | 6001

Well Name & No. Timken 22-1 Test No. 1 Date 7-1-11
 Company EOG Resources Inc Elevation 3132 KB 3121 GL
 Address 3817 NW Expressway OK city OK 73112-1483
 Co. Rep / Geo. William H. Rig Kenai 5B
 Location: Sec. 22 Twp. 32 Rge. 37 Co. Stevens State KS

Interval Tested 6313 - 6385 Zone Tested 1
 Anchor Length 72 Drill Pipe Run 6107 Mud Wt. 9.2
 Top Packer Depth 6308 Drill Collars Run 182 Vis 55
 Bottom Packer Depth 6313 Wt. Pipe Run 0 WL 10.8
 Total Depth 6385 Chlorides 1100 ppm System LCM 8#
 Blow Description IF - weak surface blow that died after com.in.
ISI - No blow back
FF - No blow.
FSZ - No blow back.

Rec	Feet of	%gas	%oil	%water	%mud
15				100	

Well Name: <u>Timken 22-1</u>		<u>505464</u>	BCP
			ACP
Rec	Perc Code	APPROVAL INITIALS:	W/U
<u>35</u>	<u>-345</u>	<u>230-411</u>	<u>WH</u>
William Howard		580-216-6363	AFE

Rec Total _____ BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2996 Test 1425 T-On Location 1230 AM 01:30
 (B) First Initial Flow 31 Jars 250 T-Started 245 AM
 (C) First Final Flow 30 Safety Joint 75 T-Open 725 AM
 (D) Initial Shut-In 97 Circ Sub _____ T-Pulled 1145 PM
 (E) Second Initial Flow 29 Hourly Standby 300 T-Out 330 PM 15:30
 (F) Second Final Flow 33 Mileage 16 miles = 22.40 Comments (15 hrs)
 (G) Final Shut-In 105 Sampler 250
 (H) Final Hydrostatic 3007 Straddle _____ Ruined Shale Packer 280
 Shale Packer X2 = 500 Ruined Packer _____
 Extra T.I.W 150 Extra Copies _____
 Extra Recorder _____ Sub Total 280
 Day Standby _____ Total ~~3527.40~~
 Accessibility 150 MP/DST Disc't 3402.40
 Sub Total ~~5072.40~~ 3122.40 Our Representative Harley Daniels

Approved By William H.

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING, INC.

P.O. Box 362 • Hays, Kansas 67601

RECEIVED

JUL 14 2011

BY: _____

FLUID SAMPLER DATA

Ticket No. 39437 Date 7-1-11
 Company Name EOG Resources Inc.
 Lease Timken 22-1 Test No. 1
 County Stevens Sec. 22 Twp. 32 Rng. 37

SAMPLER RECOVERY

Gas ~~0~~ ML
 Oil ~~0~~ ML
 Mud Trace ML
 Water ~~0~~ ML
 Other _____ ML
 Pressure 100 PSI ML
 Total _____ ML

PIT MUD ANALYSIS

Chlorides 1100 ppm.
 Resistivity _____ ohms @ _____ F
 Viscosity 55
 Mud Weight 9.2
 Filtrate 10.8
 Other 8# LCM

SAMPLER ANALYSIS

Resistivity _____ ohms @ _____ F
 Chlorides _____ ppm.
 Gravity _____ corrected @60F

PIPE RECOVERY

TOP
 Resistivity _____ ohms @ _____ F
 Chlorides _____ ppm.
MIDDLE
 Resistivity _____ ohms @ _____ F
 Chlorides _____ ppm.
BOTTOM
 Resistivity _____ ohms @ _____ F
 Chlorides _____ ppm.