



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Samuel Gary Jr & Assoc Inc

17-9s-16w Rooks

1515 Wynkoop
STE 700
Denver Co 80202

Finnesy et al #1-17

Job Ticket: 55341

DST#: 1

ATTN: Chris Mitchell

Test Start: 2014.05.10 @ 12:25:05

GENERAL INFORMATION:

Formation: **LKC "D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:51:00

Time Test Ended: 19:11:59

Test Type: Conventional Bottom Hole (Initial)

Tester: Ray Schwager

Unit No: 70

Interval: 3181.00 ft (KB) To 3211.00 ft (KB) (TVD)

Reference Elevations: 2010.00 ft (KB)

Total Depth: 3211.00 ft (KB) (TVD)

2002.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8369

Inside

Press@RunDepth: 64.58 psig @ 3182.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.05.10

End Date: 2014.05.10

Last Calib.: 2014.05.10

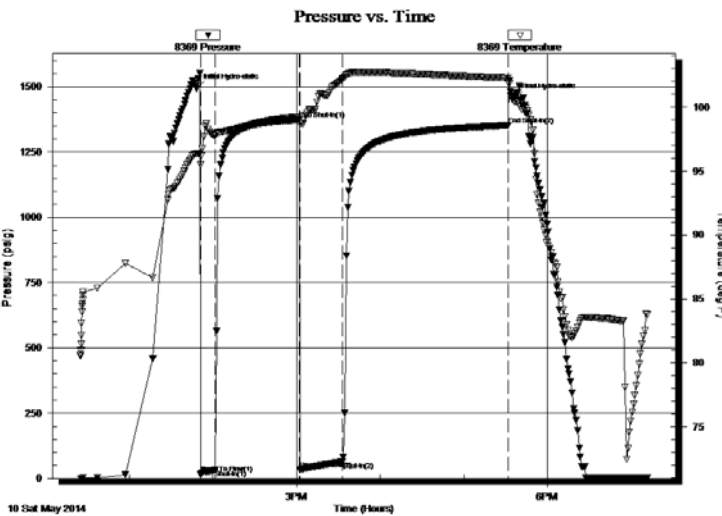
Start Time: 12:25:05

End Time: 19:11:59

Time On Btm: 2014.05.10 @ 13:48:30

Time Off Btm: 2014.05.10 @ 17:36:29

TEST COMMENT: 10-IFP-wk bl 1/2"to 2"bl
60-ISIP-no bl
30-FFP-wk bl ,surface to 2"bl
120-FSIP-no bl



PRESSURE SUMMARY

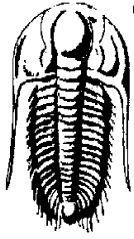
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1492.74	96.36	Initial Hydro-static
3	15.41	95.51	Open To Flow(1)
13	32.86	97.78	Shut-In(1)
73	1373.22	99.22	End Shut-In(1)
74	33.17	98.70	Open To Flow(2)
105	64.58	102.21	Shut-In(2)
223	1351.45	102.29	End Shut-In(2)
228	1454.77	100.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume(bbl)
20.00	MW 20%M80%W w/show of oil	0.28
65.00	Water	0.91

Gas Rates

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



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FLUID SUMMARY

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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:

64000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.57 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
20.00	MW 20%M80%W w/show of oil	0.281
65.00	Water	0.912

Total Length: 85.00 ft Total Volume: 1.193 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler Data: PSI 300# 1500ML water

RW .11 @ 75F

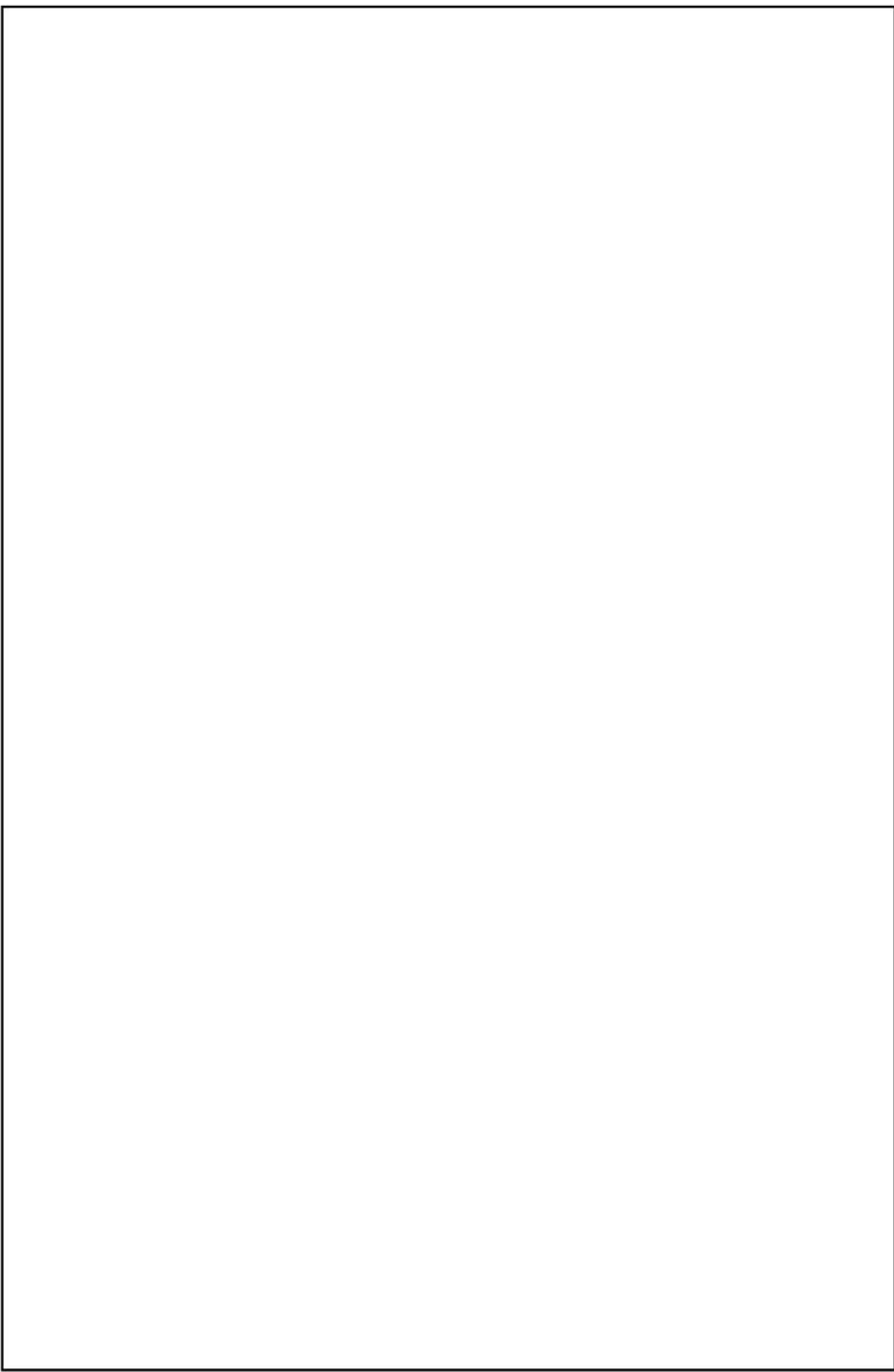
Serial #: 8369

Inside

Samuel Gary Jr & Assoc Inc

Finnesy et al #1-17

DST Test Number: 1



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Ref. No: 55341

Printed: 2014.05.11 @ 06:49:32

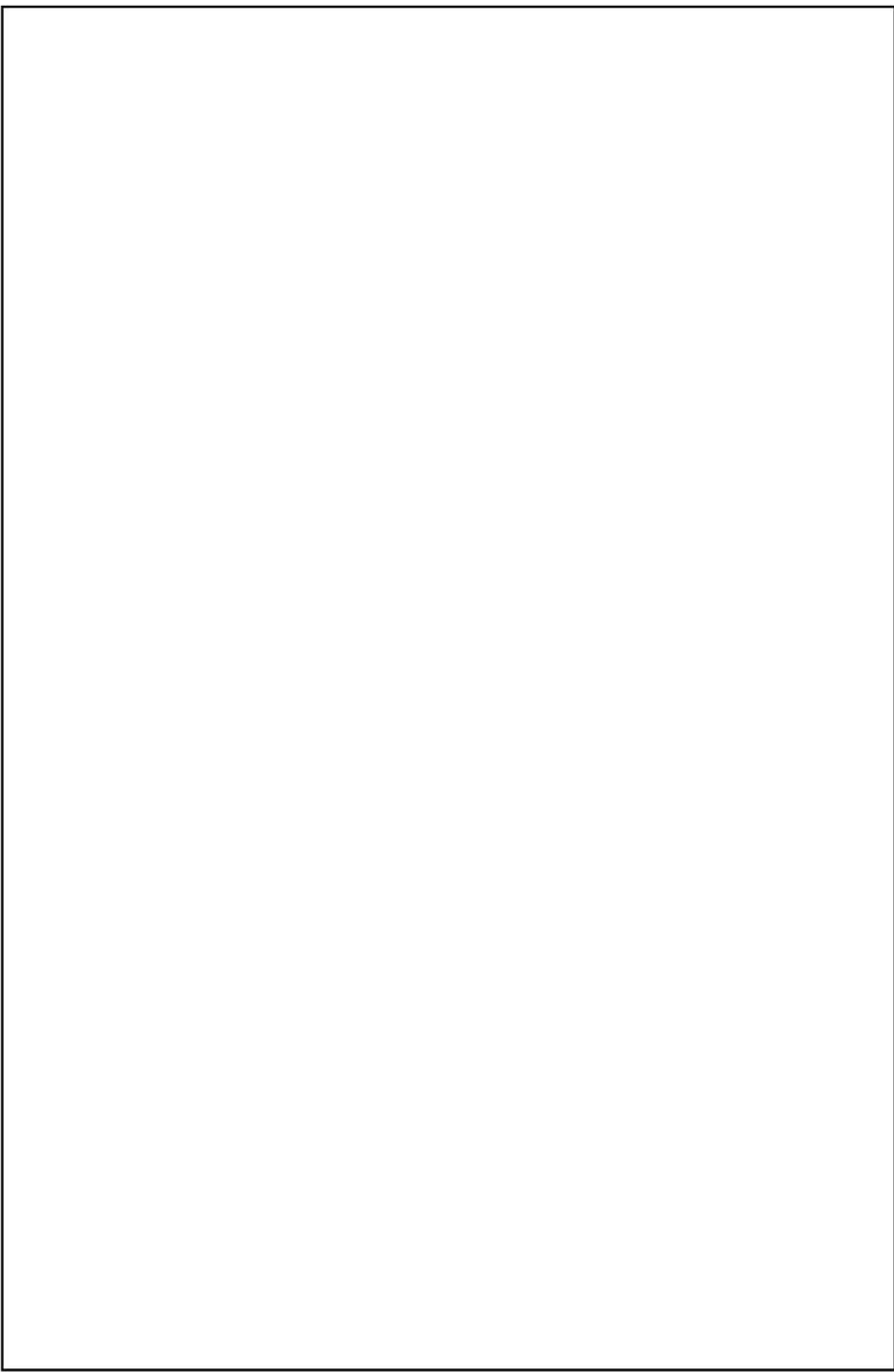
Serial #: 8374

Fluid

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Finnesy et al #1-17

DST Test Number: 1



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