



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespear Oil Co.

S22-15-33 Logan, KS

202 W. Main St.
Salem, IL 62881

Zanobia #1-22

Job Ticket: 48930

DST#: 5

ATTN: Tim Priest

Test Start: 2012.07.09 @ 17:50:00

GENERAL INFORMATION:

Formation: **Altamont**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:52:10

Time Test Ended: 00:13:20

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 62

Interval: 4190.00 ft (KB) To 4237.00 ft (KB) (TVD)

Reference Elevations: 2813.00 ft (KB)

Total Depth: 4237.00 ft (KB) (TVD)

2803.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8018 Inside

Press @ Run Depth: 52.30 psig @ 4192.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.07.09

End Date:

2012.07.10

Last Calib.: 2012.07.10

Start Time: 17:50:02

End Time:

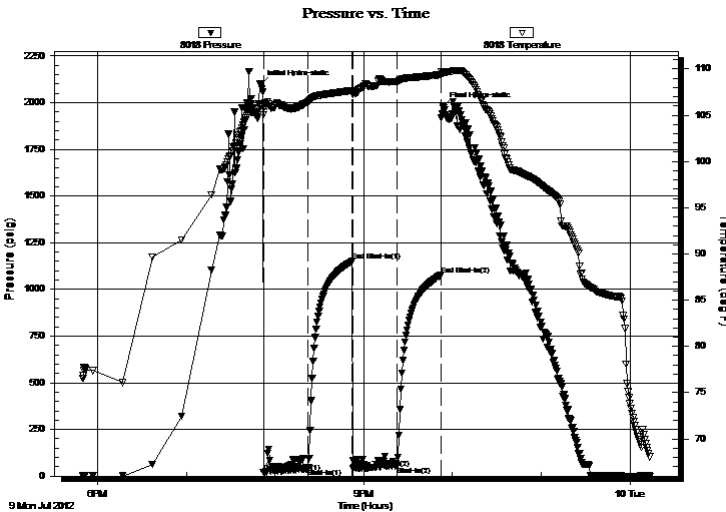
00:13:20

Time On Btm: 2012.07.09 @ 19:50:20

Time Off Btm: 2012.07.09 @ 21:53:30

TEST COMMENT: 1/2" Blow .
No return.
No blow .
No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2099.00	106.06	Initial Hydro-static
2	20.11	105.07	Open To Flow (1)
32	39.02	106.42	Shut-In(1)
62	1150.14	107.69	End Shut-In(1)
63	40.35	107.42	Open To Flow (2)
93	52.30	108.58	Shut-In(2)
122	1076.90	109.38	End Shut-In(2)
124	1980.54	109.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	SOCM 1 to 99m	0.32

Gas Rates

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

* Recovery from multiple tests



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ATTN: Tim Priest

Test Start: 2012.07.09 @ 17:50:00

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: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 12000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	SOCM 1o 99m	0.320

Total Length: 65.00 ft Total Volume: 0.320 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8018

Inside

Shakespeare Oil Co.

Zanobia #1-22

DST Test Number: 5

