



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Comp. Inc

23-13s-32w Logan , Ks

202 West Main St
Salem, Il
62881 - 1519
ATTN: Tim Priest

Bader #2-23

Job Ticket: 45505

DST#: 1

Test Start: 2015.08.25 @ 12:00:30

GENERAL INFORMATION:

Formation: **A - B**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 13:59:00

Time Test Ended: 18:55:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Shane McBride

Unit No: 84

Interval: 3991.00 ft (KB) To 4045.00 ft (KB) (TVD)

Reference Elevations: 3007.00 ft (KB)

Total Depth: 4045.00 ft (KB) (TVD)

2998.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 9120 Outside

Press @ Run Depth: 126.36 psig @ 3992.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.08.25

End Date:

2015.08.25

Last Calib.:

2015.08.25

Start Time: 12:00:30

End Time:

18:33:15

Time On Btm:

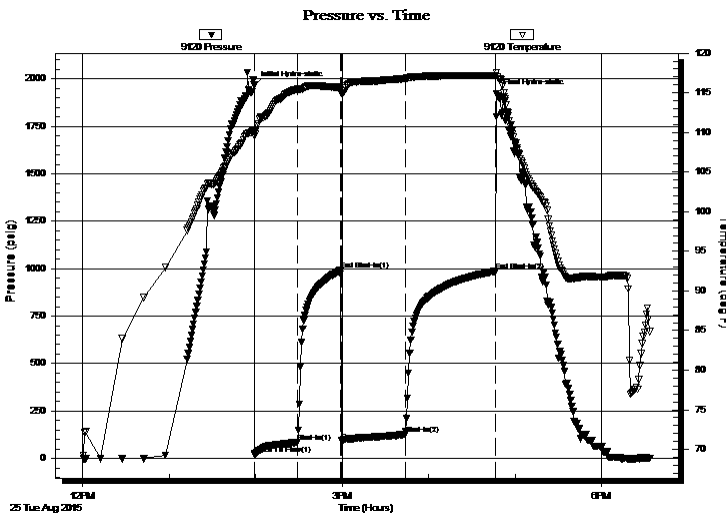
2015.08.25 @ 13:58:45

Time Off Btm:

2015.08.25 @ 16:47:00

TEST COMMENT: B.O.B. in 25 min.
No return
B.O.B. in 33 min.
No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1967.19	110.35	Initial Hydro-static
1	22.01	109.63	Open To Flow (1)
30	85.74	115.46	Shut-In(1)
60	991.27	115.70	End Shut-In(1)
61	93.27	115.04	Open To Flow (2)
105	126.36	116.80	Shut-In(2)
168	985.93	117.19	End Shut-In(2)
169	1922.92	117.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	s g m & w c o 5g 25m 30w 40o	0.30
170.00	s g w & m c o 5g 20w 30m 45o	1.80
20.00	c g o 5g 95o	0.28

Gas Rates

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



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FLUID SUMMARY

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Job Ticket: 45505

DST#: 1

Test Start: 2015.08.25 @ 12:00:30

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

30 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	s g m & w c o 5g 25m 30w 40o	0.295
170.00	s g w & m c o 5g 20w 30m 45o	1.802
20.00	c g o 5g 95o	0.281

Total Length: 250.00 ft Total Volume: 2.378 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 9120

Outside Shakespeare Oil Corp. Inc

Bader #-2-23

DST Test Number: 1

