



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc

B Ottley 2-25

202 W. Main
Salem, IL 62881

S25-13-32 Logan, KS

ATTN: Pat Deenihan

Job Ticket: 43142

DST#: 2

Test Start: 2011.06.11 @ 04:49:00

GENERAL INFORMATION:

Formation: **LKC 'J'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:43:40

Time Test Ended: 10:15:00

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 37

Interval: 4160.00 ft (KB) To 4190.00 ft (KB) (TVD)

Reference Elevations: 2926.00 ft (KB)

Total Depth: 4190.00 ft (KB) (TVD)

2916.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8018

Inside

Press @ Run Depth: 18.86 psig @ 4165.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.06.11

End Date:

2011.06.11

Last Calib.:

2011.06.11

Start Time: 04:49:02

End Time:

10:15:00

Time On Btm:

2011.06.11 @ 06:41:30

Time Off Btm:

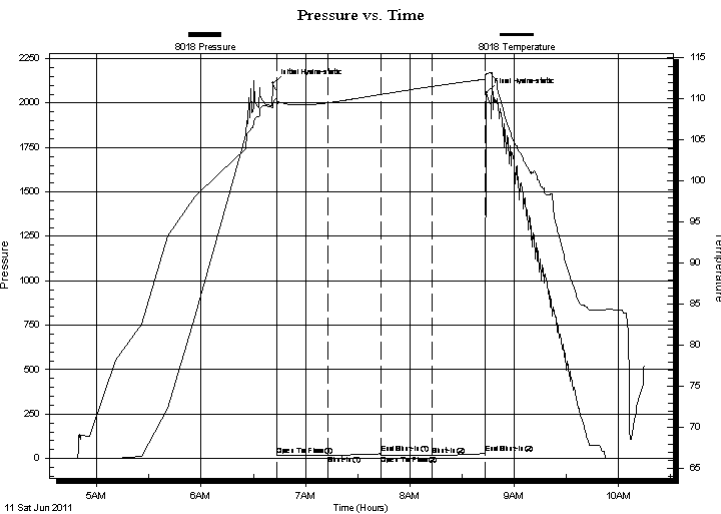
2011.06.11 @ 08:44:10

TEST COMMENT: IF: 1/4" Blow died @ 10 min.

IS: No return.

FF: No blow.

FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2111.68	109.19	Initial Hydro-static
3	18.61	109.06	Open To Flow (1)
32	19.95	109.54	Shut-In(1)
62	27.16	110.56	End Shut-In(1)
62	18.09	110.56	Open To Flow (2)
92	18.86	111.54	Shut-In(2)
122	28.06	112.43	End Shut-In(2)
123	2056.48	113.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	M100m	0.00

Gas Rates

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



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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:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	M 100m	0.005

Total Length: 1.00 ft Total Volume: 0.005 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

