

DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum**

225 N Market St Ste 300
Wichita KS 67202

ATTN: Flip

30 14 21 Trego KS

Schmidt 2-30

Start Date: 2007.02.03 @ 23:40:48

End Date: 2007.02.04 @ 07:27:18

Job Ticket #: 26899 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

KCC
MAY 08 2007
CONFIDENTIAL


TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Pintail Petroleum

225 N Market St Ste 300
Wichita KS 67202

ATTN: Flip

Schmidt 2-30

30 14 21 Trego KS

Job Ticket: 26899

DST#: 1

Test Start: 2007.02.03 @ 23:40:48

GENERAL INFORMATION:

Formation: **Fort Scot & Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:48:28

Time Test Ended: 07:27:18

Test Type: Conventional Bottom Hole

Tester: Michael Armbrister

Unit No: 21

Interval: **3940.00 ft (KB) To 4000.00 ft (KB) (TVD)**

Total Depth: 4000.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2141.00 ft (KB)

2134.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: **8320** Inside

Press@RunDepth: 166.23 psig @ 3944.00 ft (KB)

Start Date: 2007.02.03

End Date:

2007.02.04

Capacity: 7000.00 psig

Last Calib.: 2007.02.04

Start Time: 23:40:50

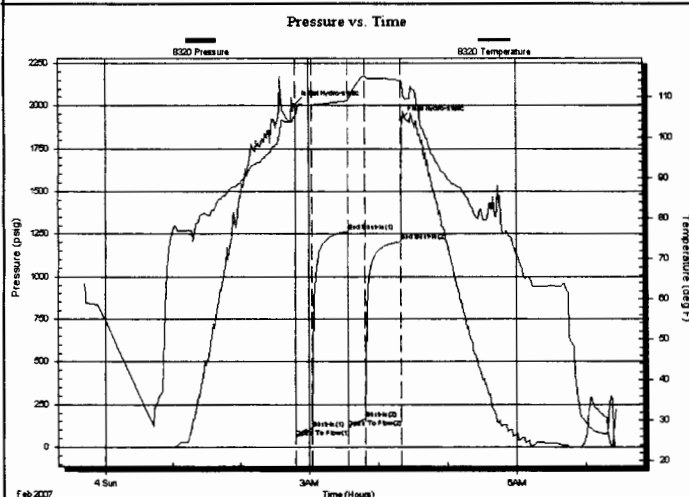
End Time:

07:27:18

Time On Btm: 2007.02.04 @ 02:48:18

Time Off Btm: 2007.02.04 @ 04:20:18

TEST COMMENT: IF B of B 2 m 30 s
 ISI 3.5 " Blow back
 FF B of B 2 m
 FSI 3 " of blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2004.84	105.32	Initial Hydro-static
1	54.12	104.92	Open To Flow (1)
15	108.94	107.86	Shut-In (1)
46	1265.69	108.98	End Shut-In (1)
46	113.81	108.95	Open To Flow (2)
61	166.23	115.01	Shut-In (2)
92	1205.57	113.96	End Shut-In (2)
92	1916.81	114.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	G&Ocut M 5%G 10%O 85%M	1.21
80.00	G&Mcut O 15%G 40%M 45%O	1.38
65.00	G&Ocut O 10%G 20%M 70%O	1.12
120.00	G&Mcut O 5%G 5%M 90%O	2.07
0.00	400 GIP	0.00

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pintail Petroleum

Schmidt 2-30

225 N Market St Ste 300
Wichita KS 67202

30 14 21 Trego KS

Job Ticket: 26899

DST#: 1

ATTN: Flip

Test Start: 2007.02.03 @ 23:40:48

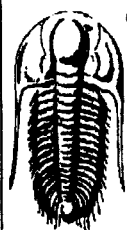
Tool Information

Drill Pipe:	Length: 3921.00 ft	Diameter: 4.21 inches	Volume: 67.51 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.52 inches	Volume: 0.00 bbl	Weight to Pull Loose:	60000.00 lb
		Total Volume:	67.51 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial	58000.00 lb
Depth to Top Packer:	3940.00 ft			Final	60000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	60.00 ft				
Tool Length:	89.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Change Over Sub	1.00			3912.00	
Shut In Tool	5.00			3917.00	
Jars	5.00			3922.00	
Safety Joint	3.00			3925.00	
Hydraulic tool	5.00			3930.00	
Packer	5.00			3935.00	29.00 Bottom Of Top Packer
Packer	5.00			3940.00	
Stubb	1.00			3941.00	
Perforations	3.00			3944.00	
Recorder	0.00	8320	Inside	3944.00	
Change Over Sub	1.00			3945.00	
Blank Spacing	31.00			3976.00	
Change Over Sub	1.00			3977.00	
Perforations	20.00			3997.00	
Recorder	0.00	3351	Inside	3997.00	
Bullnose	3.00			4000.00	60.00 Bottom Packers & Anchor
Total Tool Length:	89.00				

147263



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pintail Petroleum

Schmidt 2-30

225 N Market St Ste 300
Wichita KS 67202

30 14 21 Trego KS

ATTN: Flip

Job Ticket: 26899

DST#: 1

Test Start: 2007.02.03 @ 23:40:48

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: sec/qt

Cushion Volume:

bbl

Water Loss: in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	G&Ocut M5%G 10%O 85%M	1.205
80.00	G&McutO15%G 40%M 45%O	1.377
65.00	G&OMcutO 10%G 20%M 70%O	1.119
120.00	G&McutO 5%G 5%M 90%O	2.066
0.00	400 GIP	0.000

Total Length: 335.00 ft

Total Volume: 5.767 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

