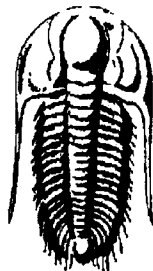


15-051-25791

32-15s-20w

IND



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum LTD**

250 N Market Ste 300
Wichita KS 67202

ATTN: Flip Phillips

32 15S 20W Ellis KS

Irvin-North Unit # 1-32

Start Date: 2008.06.20 @ 21:07:58

End Date: 2008.06.21 @ 04:50:28

Job Ticket #: 32784 DST #: 1

KCC
OCT 15 2008
CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION
OCT 14 2007
CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Pintail Petroleum LTD

Irvin-North Unit # 1-32

32 15S 20W Ellis KS

DST # 1

Pawnee Sand

2008.06.20



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Pintail Petroleum LTD

250 N Market Ste 300
Wichita KS 67202

ATTN: Flip Phillips

Irvin-North Unit # 1-32

32 15S 20W Ellis KS

Job Ticket: 32784

DST#: 1

Test Start: 2008.06.20 @ 21:07:58

GENERAL INFORMATION:

Formation: **Pawnee Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:36:28

Time Test Ended: 04:50:28

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 32

Interval: **4040.00 ft (KB) To 4080.00 ft (KB) (TVD)**

Total Depth: 4080.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2284.00 ft (KB)

2277.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 6719

Inside

Press@RunDepth: 300.41 psig @ 4045.00 ft (KB)

Start Date: 2008.06.20

End Date:

2008.06.21

Start Time: 21:08:00

End Time:

04:50:28

Capacity: 7000.00 psig

Last Calib.: 2008.06.21

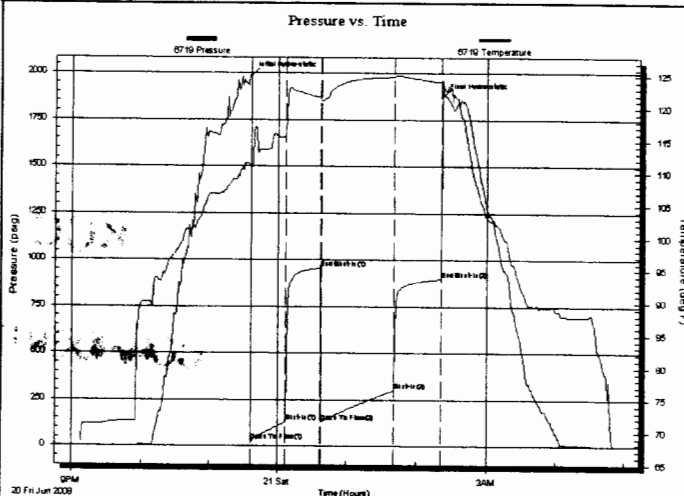
Time On Btm: 2008.06.20 @ 23:35:58

Time Off Btm: 2008.06.21 @ 02:21:58

TEST COMMENT: IFP Fair blow BOB in 14 min.

ISI Dead

FFP Fair blow BOB in 17 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1983.92	110.93	Initial Hydro-static
1	26.00	111.00	Open To Flow (1)
31	131.03	115.85	Shut-In (1)
61	954.40	121.68	End Shut-In (1)
62	130.12	121.21	Open To Flow (2)
125	300.41	124.88	Shut-In (2)
166	898.36	124.06	End Shut-In (2)
166	1871.47	124.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
610.00	MW 95%W 5%M	10.85

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pintail Petroleum LTD

250 N Market Ste 300
Wichita KS 67202

ATTN: Flip Phillips

Irvin-North Unit # 1-32

32 15S 20W Ellis KS

Job Ticket: 32784

DST#: 1

Test Start: 2008.06.20 @ 21:07:58

Tool Information

Drill Pipe:	Length: 4042.00 ft	Diameter: 4.28 inches	Volume: 71.93 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
		Total Volume: 71.93 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	4040.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	61.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4020.00	
Shut In Tool	5.00			4025.00	
Hydraulic tool	5.00			4030.00	
Packer	5.00			4035.00	21.00 Bottom Of Top Packer
Packer	5.00			4040.00	
Stubb	1.00			4041.00	
Perforations	3.00			4044.00	
Recorder	0.00	8360	Outside	4044.00	
Change Over Sub	1.00			4045.00	
Recorder	0.00	6719	Inside	4045.00	
Blank Spacing	31.00			4076.00	
Change Over Sub	1.00			4077.00	
Bullnose	3.00			4080.00	40.00 Bottom Packers & Anchor

Total Tool Length: 61.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Pintail Petroleum LTD

250 N Market Ste 300
Wichita KS 67202

ATTN: Flip Phillips

Irvin-North Unit # 1-32

32 15S 20W Ellis KS

Job Ticket: 32784

DST#: 1

Test Start: 2008.06.20 @ 21:07:58

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 47.00 sec/qt

Water Loss: 8.79 in³

Resistivity: ohm.m

Salinity: 4800.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: deg API

Water Salinity: 46000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
610.00	MW 95%W 5%M	10.855

Total Length: 610.00 ft Total Volume: 10.855 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

