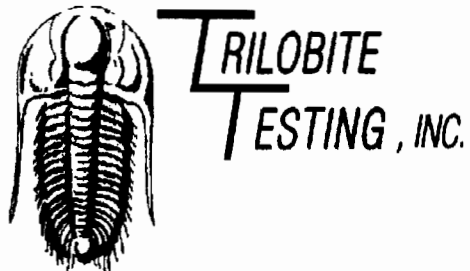


15-165-21828

8-19s-20w



DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum, LTD**

225 N Market
Suite 300
Wichita, Ks. 67202

ATTN: Flip Phillips

8-19s-20w-Rush KS

Bostetter "M V" #1-8

Start Date: 2008.07.24 @ 14:08:49

End Date: 2008.07.24 @ 20:53:19

Job Ticket #: 32656 DST #: 1

CONFIDENTIAL
NOV 10 2008
KCC

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Pintail Petroleum, LTD

225 N Market
Suite 300
Wichita, Ks. 67202
ATTN: Flip Phillips

Bostetter "M V" #1-8

8-19s-20w-Rush KS

Job Ticket: 32656

DST#: 1

Test Start: 2008.07.24 @ 14:08:49

GENERAL INFORMATION:

Formation: **Cherokee Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:45:49

Time Test Ended: 20:53:19

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 32

Interval: **4240.00 ft (KB) To 4269.00 ft (KB) (TVD)**

Total Depth: 4269.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2247.00 ft (KB)

2242.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8360

Inside

Press@RunDepth: 408.65 psig @ 4243.00 ft (KB)

Start Date: 2008.07.24

End Date:

2008.07.24

Capacity: 7000.00 psig

Last Calib.: 2008.07.24

Start Time: 14:08:51

End Time:

20:53:19

Time On Btm: 2008.07.24 @ 16:44:19

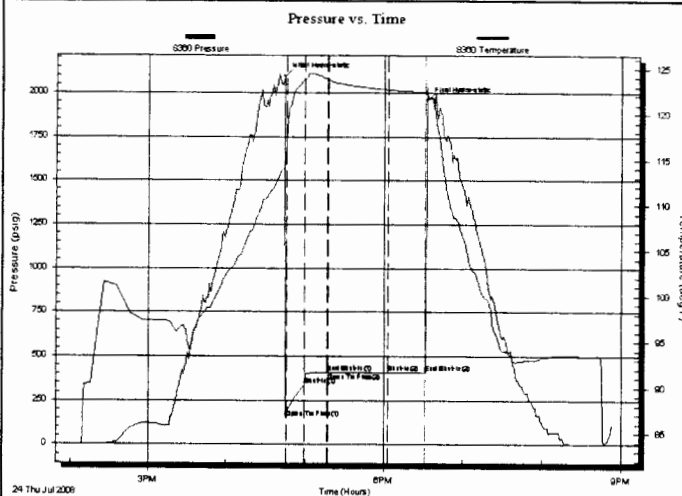
Time Off Btm: 2008.07.24 @ 18:32:49

TEST COMMENT: IFP-Strong Blow ,BOB in 2 Min.

ISI-Blow back Built to 1/4"

FFP-Weak Blow ,Built to 1"

FSI-Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2093.12	114.15	Initial Hydro-static
2	148.01	116.85	Open To Flow (1)
15	334.06	123.70	Shut-In(1)
32	407.52	123.85	End Shut-In(1)
33	407.58	123.78	Open To Flow (2)
79	408.65	122.70	Shut-In(2)
108	409.34	122.44	End Shut-In(2)
109	1958.04	123.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
660.00	Muddy Water 90%W-10%M	7.02
0.00	60' Weak Gas	0.00

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

225 N Market
Suite 300
Wichita, Ks. 67202
ATTN: Flip Phillips

Bostetter "M V" #1-8

8-19s-20w-Rush KS

Job Ticket: 32656

DST#: 1

Test Start: 2008.07.24 @ 14:08:49

Tool Information

Drill Pipe:	Length: 3989.00 ft	Diameter: 3.80 inches	Volume: 55.96 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: 246.00 ft	Diameter: 2.25 inches	Volume: 1.21 bbl	Weight to Pull Loose:	60000.00 lb
		Total Volume:	57.17 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial	56000.00 lb
Depth to Top Packer:	4240.00 ft			Final	57000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	29.00 ft				
Tool Length:	57.00 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			4213.00	
Shut In Tool	5.00			4218.00	
Hydraulic tool	5.00			4223.00	
Jars	5.00			4228.00	
Safety Joint	2.00			4230.00	
Packer	5.00			4235.00	28.00 Bottom Of Top Packer
Packer	5.00			4240.00	
Stubb	1.00			4241.00	
Perforations	2.00			4243.00	
Recorder	0.00	8360	Inside	4243.00	
Recorder	0.00	6719	Outside	4243.00	
Perforations	23.00			4266.00	
Bullnose	3.00			4269.00	29.00 Bottom Packers & Anchor

Total Tool Length: 57.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Pintail Petroleum, LTD

225 N Market
Suite 300
Wichita, Ks. 67202
ATTN: Flip Phillips

Bostetter "M V" #1-8

8-19s-20w-Rush KS

Job Ticket: 32656

DST#: 1

Test Start: 2008.07.24 @ 14:08:49

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: lb/gal

Viscosity: sec/qt

Water Loss: in³

Resistivity: ohm.m

Salinity: ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

deg API

Water Salinity: 32000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
660.00	Muddy Water 90%W-10%M	7.017
0.00	60' Weak Gas	0.000

Total Length: 660.00 ft Total Volume: 7.017 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Oil Scum On top of Water

Pressure vs. Time

