



DRILL STEM TEST REPORT

Prepared For: **Sho-Bar Energy Inc**

346 E Hwy 160
Harper KS 67058

ATTN: Arden Ratzlaff

29-34-20

Wayne 1-29

Start Date: 2003.10.26 @ 19:53:40

End Date: 2003.10.27 @ 05:30:20

Job Ticket #: 17282 DST #: 1

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Sho-Bar Energy Inc

346 E Hwy 160
Harper KS 67058

ATTN: Arden Ratzlaff

Wayne 1-29

29-34-20

Job Ticket: 17282

DST#: 1

Test Start: 2003.10.26 @ 19:53:40

GENERAL INFORMATION:

Formation: **Toronto**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:43:30

Time Test Ended: 05:30:20

Interval: **4290.00 ft (KB) To 4326.00 ft (KB) (TVD)**

Total Depth: 4326.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Good

Test Type: Conventional Bottom Hole

Tester: Blake Wallace

Unit No: 20

Reference Elevations: 1755.00 ft (KB)

1745.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 3030

Inside

Press@RunDepth: 44.12 psig @ 4293.00 ft (KB)

Start Date: 2003.10.26

End Date: 2003.10.27

Start Time: 19:53:44

End Time: 05:30:19

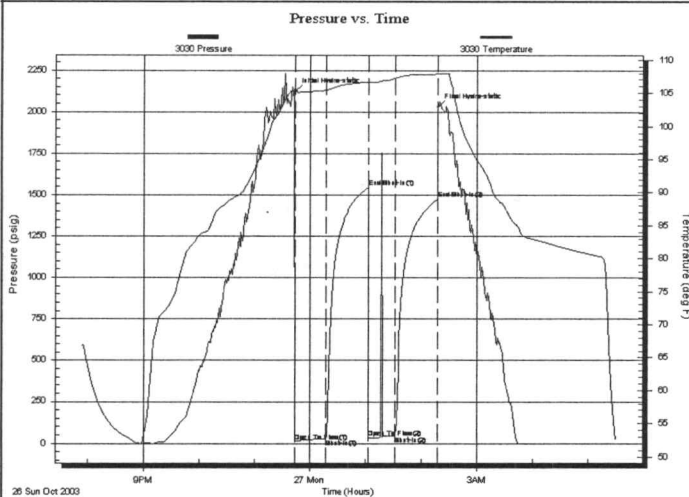
Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2003.10.26 @ 23:43:10

Time Off Btm: 2003.10.27 @ 02:17:40

TEST COMMENT: IF-weak blow built to 1/2 inch in 16 min deied back to surface blow
ISI-no blow back
FF-no blow waited 10 min flushed tool, blew for 45 sec & died
FSI-no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2122.75	105.41	Initial Hydro-static
1	12.52	105.40	Open To Flow (1)
35	28.54	105.46	Shut-In (1)
80	1545.23	106.70	End Shut-In (1)
81	30.63	106.71	Open To Flow (2)
109	44.12	107.26	Shut-In (2)
155	1476.55	107.89	End Shut-In (2)
155	2028.68	107.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	80% M 20% W	0.30

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Sho-Bar Energy Inc

Wayne 1-29

346 E Hwy 160
Harper KS 67058

29-34-20

Job Ticket: 17282

DST#: 1

ATTN: Arden Ratzlaff

Test Start: 2003.10.26 @ 19:53:40

Tool Information

Drill Pipe:	Length: 3933.00 ft	Diameter: 3.80 inches	Volume: 55.17 bbl	Tool Weight:	1800.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 339.00 ft	Diameter: 2.25 inches	Volume: 1.67 bbl	Weight to Pull Loose:	85000.00 lb
		Total Volume:	56.84 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial	73000.00 lb
Depth to Top Packer:	4290.00 ft			Final	73000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	36.00 ft				
Tool Length:	63.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4268.00	
Hydraulic tool	5.00			4273.00	
Jars	5.00			4278.00	
Safety Joint	3.00			4281.00	
Packer	5.00			4286.00	27.00 Bottom Of Top Packer
Packer	4.00			4290.00	
Stubb	1.00			4291.00	
Perforations	2.00			4293.00	
Recorder	0.00	3030	Inside	4293.00	
Perforations	30.00			4323.00	
Recorder	0.00	11019		4323.00	
Bullnose	3.00			4326.00	36.00 Bottom Packers & Anchor

Total Tool Length: 63.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Sho-Bar Energy Inc

Wayne 1-29

346 E Hwy 160
Harper KS 67058

29-34-20

Job Ticket: 17282

DST#: 1

ATTN: Arden Ratzlaff

Test Start: 2003.10.26 @ 19:53:40

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:

15000 ppm

Viscosity: 42.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	80% M 20% W	0.305

Total Length: 62.00 ft

Total Volume: 0.305 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .554 @ 55 deg chlorides = 15000

Pressure vs. Time

