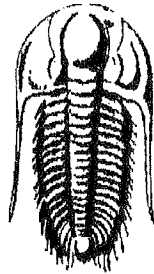


15-135-24556

2-195-26w



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Blueridge**

PO Box 1913
Enid OK 73702

ATTN: Jim Musgrove

~~02-14-26~~ **26 Ness KS**

Arlen 2-2

Start Date: 2006.11.26 @ 21:46:47

End Date: 2006.11.27 @ 11:14:30

Job Ticket #: 26133 DST #: 1

RECEIVED
KANSAS CORPORATION COMMISSION

DEC 05 2007

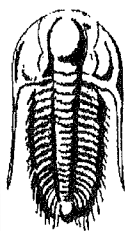
CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Section is 2, not 12 as printed



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Blueridge

PO Box 1913
Enid OK 73702

ATTN: Jim Musgrove

Arlen 2-2

12 19 26 Ness KS

Job Ticket: 26133

DST#: 1

Test Start: 2006.11.26 @ 21:46:47

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:52:15

Time Test Ended: 11:14:30

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 24

Interval: **4404.00 ft (KB) To 4497.00 ft (KB) (TVD)**

Total Depth: 4497.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 2326.00 ft (KB)

2312.00 ft (CF)

KB to GRVCF: 14.00 ft

Serial #: 6769

Inside

Press@RunDepth: 361.47 psig @ 4410.01 ft (KB)

Start Date: 2006.11.26

End Date:

2006.11.27

Start Time: 21:46:47

End Time:

11:14:30

Capacity: 7000.00 psig

Last Calib.: 2006.11.27

Time On Btm: 2006.11.27 @ 03:52:00

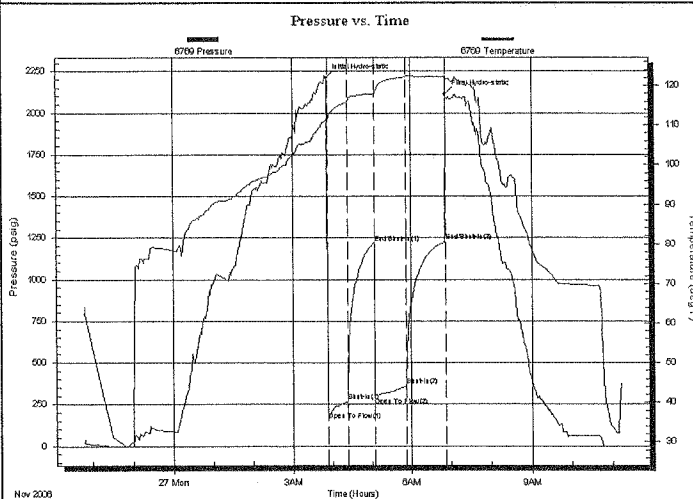
Time Off Btm: 2006.11.27 @ 06:52:15

TEST COMMENT: IFP BOB 6 min.

ISI No blow back

FFP BOB 6 min.

FSI Sur blow back



PRESSURE SUMMARY

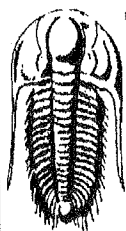
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2208.63	111.41	Initial Hydro-static
1	157.16	110.86	Open To Flow (1)
31	271.65	115.79	Shut-In (1)
72	1218.94	117.92	End Shut-In (1)
73	295.08	117.69	Open To Flow (2)
121	361.47	122.17	Shut-In (2)
180	1226.46	122.13	End Shut-In (2)
181	2112.55	122.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	MW 95%W 5%M	0.94
125.00	SO & GCWM 20%G 5%O 25%W 50%M	1.75
180.00	GMCO 25%G 55%O 20%M	2.52
215.00	GMCO 10%G 55%O 35%M	3.02

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blueridge

Arlen 2-2

PO Box 1913
Enid OK 73702

12 19 26 Ness KS

Job Ticket: 26133

DST#: 1

ATTN: Jim Musgrove

Test Start: 2006.11.26 @ 21:46:47

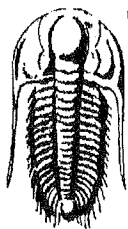
Tool Information

Drill Pipe:	Length: 4231.00 ft	Diameter: 3.80 inches	Volume: 59.35 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 174.00 ft	Diameter: 2.25 inches	Volume: 0.86 bbl	Weight to Pull Loose:	lb
		Total Volume:	60.21 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial	52000.00 lb
Depth to Top Packer:	4404.00 ft			Final	lb
Depth to Bottom Packer:	ft				
Interval between Packers:	93.02 ft				
Tool Length:	113.02 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			4389.00	
Hydraulic tool	5.00			4394.00	
Packer	5.00			4399.00	20.00 Bottom Of Top Packer
Packer	5.00			4404.00	
Stubb	1.00			4405.00	
Perforations	4.00			4409.00	
Change Over Sub	1.00			4410.00	
Recorder	0.01	6769	Inside	4410.01	
Blank Spacing	63.00			4473.01	
Change Over Sub	1.00			4474.01	
Perforations	20.00			4494.01	
Recorder	0.01	13548	Outside	4494.02	
Bullnose	3.00			4497.02	93.02 Bottom Packers & Anchor

Total Tool Length: 113.02



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Blueridge

Arlen 2-2

PO Box 1913
Enid OK 73702

12 19 26 Ness KS

Job Ticket: 26133

DST#: 1

ATTN: Jim Musgrove

Test Start: 2006.11.26 @ 21:46:47

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: 16000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume: bbl

Water Loss: 7.95 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 3400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	MW 95%W 5%M	0.940
125.00	SO & GCWM 20%G 5%O 25%W 50%M	1.753
180.00	GMCO 25%G 55%O 20%M	2.525
215.00	GMCO 10%G 55%O 35%M	3.016

Total Length: 700.00 ft

Total Volume: 8.234 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 75' GIP

Pressure vs. Time

