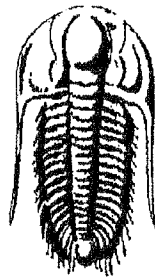


15-007-23305

31-33s-15w

IND



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Hummon Corporation**

950 N Tyler
Wichita KS 67212

ATTN: Tyler Sanders

31 33S 15W Barber KS

Platt # 1-3031

Start Date: 2008.07.06 @ 03:53:58

End Date: 2008.07.06 @ 13:55:23

Job Ticket #: 32835 DST #: 1

KCC
OCT 21 2008
CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION

OCT 20 2008

CONSERVATION DIVISION
WICHITA KS

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

Hummon Corporation

Platt # 1-30

31 33S 15W Barber KS

DST # 1

Miss

2008.07.06



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Hummon Corporation

950 N Tyler
Wichita KS 67212

ATTN: Tyler Sanders

Platt # ~~4-30~~ 1-31

31 33S 15W Barber KS

Job Ticket: 32835

DST#: 1

Test Start: 2008.07.06 @ 03:53:58

GENERAL INFORMATION:

Formation: **Miss**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 06:34:53

Time Test Ended: 13:55:23

Interval: **4762.00 ft (KB) To 4839.00 ft (KB) (TVD)**

Total Depth: **4839.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition:

Test Type: **Conventional Bottom Hole**

Tester: **Brian Fairbank**

Unit No: **41**

Reference Elevations: **1658.00 ft (KB)**

1648.00 ft (CF)

KB to GRVCF: **10.00 ft**

Serial #: 8371 **Outside**

Press@RunDepth: **40.39 psig @ 4768.00 ft (KB)**

Start Date: **2008.07.06**

End Date:

2008.07.06

Start Time: **03:53:58**

End Time:

13:55:23

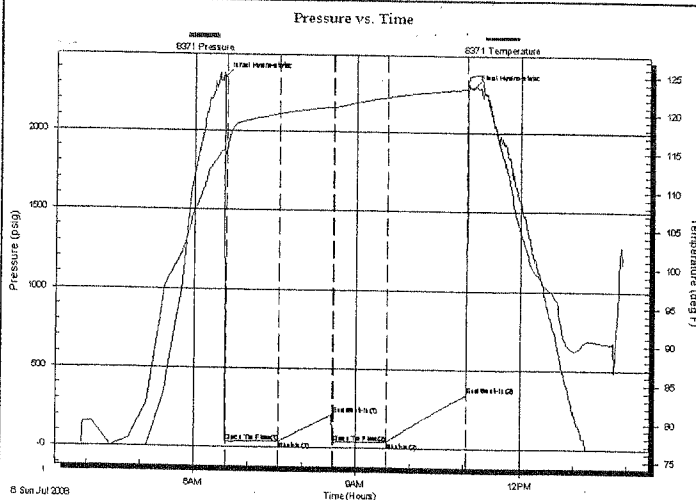
Capacity: **7000.00 psig**

Last Calib.: **2008.07.06**

Time On Btm: **2008.07.06 @ 06:33:23**

Time Off Btm: **2008.07.06 @ 11:09:52**

TEST COMMENT: IFP BOB 20 min.
ISI No blow back
FFP BOB 5 min.
FSI No blow back



PRESSURE SUMMARY

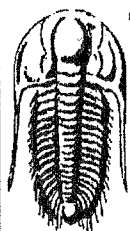
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2342.98	115.27	Initial Hydro-static
2	34.61	114.75	Open To Flow (1)
61	39.45	119.92	Shut-In(1)
120	210.41	120.87	End Shut-In(1)
121	29.69	120.79	Open To Flow (2)
180	40.39	122.16	Shut-In(2)
270	344.14	123.34	End Shut-In(2)
277	2280.41	125.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100%M	0.05
0.00	680' GIP	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

Hummon Corporation

Platt # 4-30-1-31

.950 N Tyler
Wichita KS 67212

31 33S 15W Barber KS

Job Ticket: 32835

DST#: 1

ATTN: Tyler Sanders

Test Start: 2008.07.06 @ 03:53:58

Tool Information

Drill Pipe:	Length: 4494.00 ft	Diameter: 3.80 inches	Volume: 63.04 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: 259.00 ft	Diameter: 2.25 inches	Volume: 1.27 bbl	Weight to Pull Loose: 80000.00 lb
			Total Volume: 64.31 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4762.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	78.00 ft			
Tool Length:	105.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

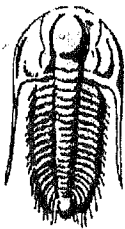
Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Shut In Tool	5.00			4740.00	
Hydraulic tool	5.00			4745.00	
Jars	5.00			4750.00	
Safety Joint	2.00			4752.00	
Packer	5.00			4757.00	27.00 Bottom Of Top Packer
Packer	5.00			4762.00	
Stubb	1.00			4763.00	
Perforations	4.00			4767.00	
Change Over Sub	1.00			4768.00	
Recorder	0.00	8018	Inside	4768.00	
Recorder	0.00	8371	Outside	4768.00	
Blank Spacing	63.00			4831.00	
Change Over Sub	1.00			4832.00	
Perforations	5.00			4837.00	
Bullnose	3.00			4840.00	78.00 Bottom Packers & Anchor

Total Tool Length: 105.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Hummon Corporation

Platt #4-30 1-31

950 N Tyler
Wichita KS 67212

31 33S 15W Barber KS

Job Ticket: 32835

DST#: 1

ATTN: Tyler Sanders

Test Start: 2008.07.06 @ 03:53:58

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 45.00 sec/qt

Water Loss: 7.98 in³

Resistivity: ohm.m

Salinity: 5400.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

ft

Cushion Volume:

bbl

Gas Cushion Type:

Gas Cushion Pressure:

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	100%M	0.049
0.00	680' GIP	0.000

Total Length: 10.00 ft

Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

