

15-035-24240

14-35s-4E

township is 35, not 38.



**TRILOBITE TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **Seeker LLC.**

6101 E Canteen Rd  
Newkirk OK 74647

ATTN: Tom Blair  
355

**14 35S 4E Cowley KS**

**Karen #1**

Start Date: 2006.04.21 @ 14:47:20

End Date: 2006.04.21 @ 22:35:20

Job Ticket #: 24050      DST #: 1

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MAY 30 2006  
**CONFIDENTIAL**

Seeker LLC.

Karen #1

14 35S 4E Cowley KS  
35

DST # 1

Mississippi

2006.04.21

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

**RECEIVED**  
**JUN 08 2006**  
**KCC WICHITA**



**TRILOBITE TESTING, INC.**

**DRILL STEM TEST REPORT**

Seeker LLC.  
6101 E Canteen Rd  
New kirk OK 74647  
ATTN: Tom Blair

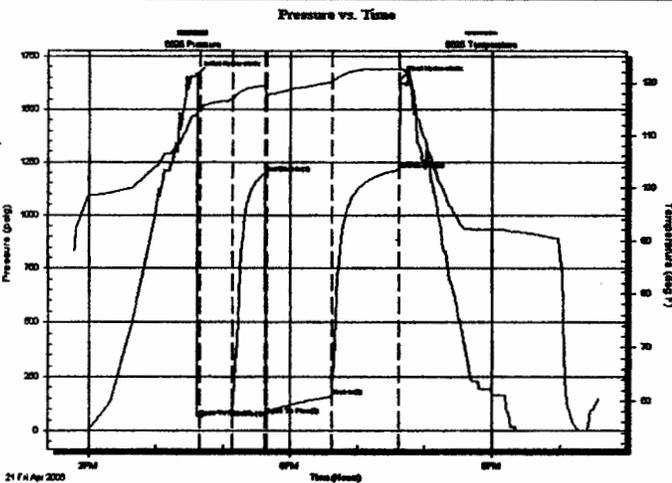
Karen #1  
14 38S 4E Cowley KS  
Job Ticket: 24050 DST#: 1  
Test Start: 2006.04.21 @ 14:47:20

**GENERAL INFORMATION:**

Formation: **Mississippi**  
Deviated: **No Whipstock** ft (KB)  
Time Tool Opened: 16:39:20  
Time Test Ended: 22:35:20  
Interval: **3275.00 ft (KB) To 3315.00 ft (KB) (TVD)**  
Total Depth: **3315.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: **Fair**  
Test Type: **Conventional Bottom Hole**  
Tester: **Gerald Adams**  
Unit No: **19**  
Reference Elevations: **1155.00 ft (KB)**  
**1147.00 ft (CF)**  
KB to GR/CF: **8.00 ft**

**Serial #: 6625** Inside  
Press@RunDepth: **157.16 psig @ 3276.00 ft (KB)** Capacity: **7000.00 psig**  
Start Date: **2006.04.21** End Date: **2006.04.21** Last Calb.: **2006.04.21**  
Start Time: **14:47:21** End Time: **22:35:20** Time On Btrn: **2006.04.21 @ 16:36:50**  
Time Off Btrn: **2006.04.21 @ 19:37:50**

**TEST COMMENT:** F Strong blow BOB in 1" GTS in 25" (see gas flow report)  
ISI Weak blow Built to 2 1/2 in  
FF Strong blow BOB in 10 secs  
FSI Fair to strong blow BOB in 40"



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1663.48	114.20	Initial Hydro-static
3	59.45	115.35	Open To Flow (1)
32	95.54	116.95	Shut-In(1)
61	1195.26	119.38	End Shut-In(1)
63	69.98	117.60	Open To Flow (2)
120	157.16	120.17	Shut-In(2)
181	1214.18	122.61	End Shut-In(2)
181	1638.18	122.78	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
490.00	HG & OCM 30%G 50%O 20%M	3.69
0.00	2440' GIP	0.00
0.00		0.00

**Gas Rates**

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	2.00	26.02
Last Gas Rate	0.25	2.25	26.41
Max. Gas Rate	0.25	4.75	30.38



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## DRILL STEM TEST REPORT

TOOL DIAGRAM

Seeker LLC.

Karen #1

6101 E Canteen Rd.  
New kirk OK 74647

14 38S 4E Cowley KS

ATTN: Tom Blair

Job Ticket: 24050

DST#: 1

Test Start: 2006.04.21 @ 14:47:20

### Tool Information

Drill Pipe:	Length: 2930.00 ft	Diameter: 3.80 inches	Volume: 41.10 bbl	Tool Weight: 2100.00 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: 349.00 ft	Diameter: 2.25 inches	Volume: 1.72 bbl	Weight to Pull Loose: 62000.00 lb
			<u>Total Volume: 42.82 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	3275.00 ft			Final 59000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	60.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			3260.00	
Hydraulic tool	5.00			3265.00	
Packer	5.00			3270.00	20.00 Bottom Of Top Packer
Packer	5.00			3275.00	
Stubb	1.00			3276.00	
Recorder	0.00	6625	Inside	3276.00	
Perforations	36.00			3312.00	
Recorder	0.00	11019	Outside	3312.00	
Bullnose	3.00			3315.00	40.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>60.00</b>				



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# DRILL STEM TEST REPORT

FLUID SUMMARY

Seeker LLC.  
6101 E Canteen Rd  
New kirk OK 74647  
ATTN: Tom Blair

Karen #1  
14 38S 4E Cowley KS  
Job Ticket: 24050      DST#: 1  
Test Start: 2006.04.21 @ 14:47:20

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil APT:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.99 in <sup>2</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 1100.00 ppm			
Filter Cake: 0.02 inches			

## Recovery Information

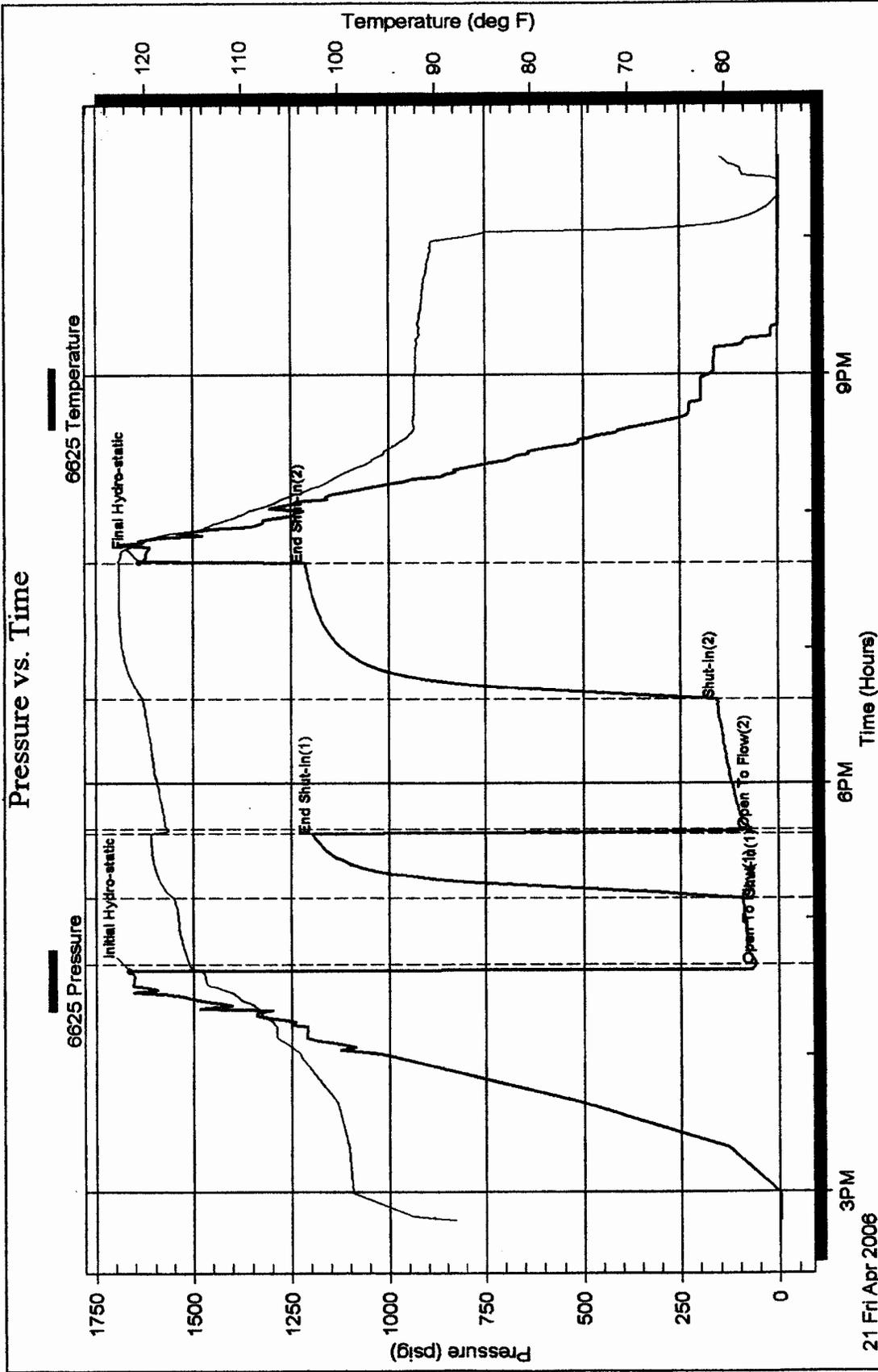
Recovery Table

Length ft	Description	Volume bbl
490.00	HG & OCM 30%G 50%O 20%M	3.694
0.00	2440' GP	0.000
0.00		0.000

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Total Length: 490.00 ft      Total Volume: 3.694 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 1      Serial #: ga-1  
Laboratory Name: Caraway      Laboratory Location: Liberal, KS  
Recovery Comments:

### Pressure vs. Time



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