TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Grady Bolding Corporation**

PO Box 486
Ellinwood KS 67526

ATTN: Jim Musgrove

31 17 11W Barton KS

Beran #6

Start Date: 2007.08.31 @ 19:15:54
End Date: 2007.09.01 @ 01:50:09
Job Ticket #: 28370 DST #: 1

15-009-25073
NE NE NW NW
150 FNL 1220 FWL

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KANSAS CORPORATION COMMISSION
NOV 21 2007
CONSERVATION DIVISION
WICHITA, KS

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

15-009-25073 Grady Bolding Corporation Beran #6 31 17 11W Barton KS DST # 1 Lansing 2007.08.31

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Job Ticket: 28370 **DST#: 1**

Test Start: 2007.08.31 @ 19:15:54

GENERAL INFORMATION:

Formation: **Lansing**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 21:03:54
Time Test Ended: 01:50:09

Test Type: Conventional Bottom Hole
Tester: Travy Cushenbery
Unit No: 30

Interval: 3264.00 ft (KB) To 3317.00 ft (KB) (TVD)
Total Depth: 3317.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1846.00 ft (KB)
1842.00 ft (CF)
KB to GR/CF: 4.00 ft

Serial #: 6668 **Inside**

Press@RunDepth:	56.33 psig @	3264.00 ft (KB)		Capacity:	7000.00 psig
Start Date:	2007.08.31	End Date:	2007.09.01	Last Calib.:	2007.09.01
Start Time:	19:15:59	End Time:	01:50:08	Time On Btm:	2007.08.31 @ 21:02:24
				Time Off Btm:	2007.08.31 @ 23:50:24

TEST COMMENT: IF Weak blow Building to 1/2 " in 30 mins.
ISI Bled off No blow back
FF Opened tool No blow Flushed tool Still no blow
FSI Bled off No blow back

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1602.17	106.38	Initial Hydro-static
2	61.83	105.91	Open To Flow (1)
33	50.47	106.17	Shut-In(1)
76	354.38	106.78	End Shut-In(1)
76	57.24	106.66	Open To Flow (2)
107	56.33	107.31	Shut-In(2)
167	396.45	108.00	End Shut-In(2)
168	1565.96	108.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	GOCM 1%G 10%O 89%M	0.02

Gas Rates

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

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TOOL DIAGRAM

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Job Ticket: 28370 **DST#: 1**

Test Start: 2007.08.31 @ 19:15:54

Tool Information

Drill Pipe:	Length:	3129.00 ft	Diameter:	3.80 inches	Volume:	43.89 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:	123.00 ft	Diameter:	2.25 inches	Volume:	0.60 bbl	Weight to Pull Loose:	44000.00 lb
					Total Volume:	44.49 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		8.00 ft					String Weight: Initial	39000.00 lb
Depth to Top Packer:		3264.00 ft					Final	39000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		53.00 ft						
Tool Length:		73.00 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			3249.00		
Hydraulic tool	5.00			3254.00		
Packer	5.00			3259.00	20.00	Bottom Of Top Packer
Packer	5.00			3264.00		
Recorder	0.00	6668	Inside	3264.00		
Perforations	6.00			3270.00		
Change Over Sub	1.00			3271.00		
Drill Pipe	32.00			3303.00		
Change Over Sub	1.00			3304.00		
Perforations	10.00			3314.00		
Recorder	0.00	13266	Outside	3314.00		
Bullnose	3.00			3317.00	53.00	Bottom Packers & Anchor
Total Tool Length:	**73.00**					

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FLUID SUMMARY

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31 17 11W Barton KS

Job Ticket: 28370 **DST#: 1**

Test Start: 2007.08.31 @ 19:15:54

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:	ppm
Viscosity:	44.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.58 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	5400.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	GOCM 1%G 10%O 89%M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

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