

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

6/29/12

OPERATOR: License # 9855
Name: Grand Mesa Operating Company
Address 1: 1700 N. Waterfront Pkwy, Bldg 600
Address 2: _____
City: Wichita State: KS Zip: 67206 + 5 5 1 4
Contact Person: James P. Reilly
Phone: (316) 265-3000
CONTRACTOR: License # 30606 KANSAS CORPORATION COMMISSION
Name: Murfin Drilling Company
Wellsite Geologist: Robert J. Petersen
Purchaser: NCRA CONSERVATION DIVISION
WICHITA, KS

KCC
JUN 29 2010
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API No. 15 - 135-25052-00-00
Spot Description: 1532' FSL & 1606' FWL
SW SW NE SW Sec. 8 Twp. 16 S. R. 23 East West
1,532 Feet from North / South Line of Section
1,606 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Ness
Lease Name: Beamer Well #: 1-8
Field Name: Wildcat
Producing Formation: Cherokee Sand
Elevation: Ground: 2495' Kelly Bushing: 2500'
Total Depth: 4550' Plug Back Total Depth: 4529'
Amount of Surface Pipe Set and Cemented at: 5 Jts @ 215' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 1886' Feet
If Alternate II completion, cement circulated from: 1886'
feet depth to: Surface w/ 135 sx cmt.

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to ENHR Conv. to SWD
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____
05/13/2010 05/19/2010 06/17/2010
Spud Date or Date Reached TD Completion Date or Recompletion Date

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 37,000 ppm Fluid volume: 1,000 bbls
Dewatering method used: Evaporation and backfilling location.
Location of fluid disposal if hauled offsite:
Operator Name: _____
Lease Name: _____ License #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Permit #: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

AFFIDAVIT
I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.
Signature: James P. Reilly JAMES P. REILLY
Title: Director/Secretary Date: 06/29/2010

KCC Office Use ONLY
 Letter of Confidentiality Received
Date: 6-29-10 - 6-29-12
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: MS Date: 7/2/10

Operator Name: Grand Mesa Operating Company Lease Name: Beamer Well #: 1-8
 Sec. 8 Twp. 16 S. R. 23 East West County: Ness

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: DI Log; Comp. Den/Neutron PE Log, Dual Receiver Cement Bond Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: right;">Top</th> <th style="text-align: right;">Datum</th> </tr> </thead> <tbody> <tr> <td>Stone Corral</td> <td style="text-align: right;">1856</td> <td style="text-align: right;">+ 644</td> </tr> <tr> <td>Bs./Stone Corral</td> <td style="text-align: right;">1890</td> <td style="text-align: right;">+ 610</td> </tr> <tr> <td>Heebae</td> <td style="text-align: right;">3859</td> <td style="text-align: right;">-1359</td> </tr> <tr> <td>Lansing</td> <td style="text-align: right;">3900</td> <td style="text-align: right;">-1400</td> </tr> <tr> <td>B/KC</td> <td style="text-align: right;">4200</td> <td style="text-align: right;">-1700</td> </tr> <tr> <td>Pawnee</td> <td style="text-align: right;">4290</td> <td style="text-align: right;">-1790</td> </tr> <tr> <td>Ft. Scott</td> <td style="text-align: right;">4378</td> <td style="text-align: right;">-1878</td> </tr> <tr> <td>Cherokee Shale</td> <td style="text-align: right;">4402</td> <td style="text-align: right;">-1902</td> </tr> <tr> <td>Lwr. Cherokee Sd</td> <td style="text-align: right;">4459</td> <td style="text-align: right;">-1959</td> </tr> <tr> <td>Mississippian</td> <td style="text-align: right;">4502</td> <td style="text-align: right;">-2002</td> </tr> <tr> <td>LTD</td> <td style="text-align: right;">4554</td> <td></td> </tr> </tbody> </table>	Name	Top	Datum	Stone Corral	1856	+ 644	Bs./Stone Corral	1890	+ 610	Heebae	3859	-1359	Lansing	3900	-1400	B/KC	4200	-1700	Pawnee	4290	-1790	Ft. Scott	4378	-1878	Cherokee Shale	4402	-1902	Lwr. Cherokee Sd	4459	-1959	Mississippian	4502	-2002	LTD	4554	
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CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	23#	215'	Common	150	3%CC, 2% Gel
Production	7 7/8"	5 1/2"	15.5#	4549'	EA-2	225	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone <input checked="" type="checkbox"/> Protect fresh water	0-1886'	SMD	135sxs	

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4458'-4465' RECEIVED KANSAS CORPORATION COMMISSION JUN 30 2010 CONSERVATION DIVISION WICHITA, KS		

TUBING RECORD:	Size: 2 7/8"	Set At: 4527'	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. 06/17/2010		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____		
Estimated Production Per 24 Hours	Oil Bbbls. 23	Gas Mcf	Water Bbbls. 2	Gas-Oil Ratio Gravty

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: 4458'-4465'
---	---	-------------------------------------

ALLIED CEMENTING CO., LLC. 041688

REMITTO P.O. BOX 31
RUSSELL, KANSAS 67665

KCC
JUN 29 2010

SERVICE POINT:

Russell

DATE <u>5-13-10</u>	SEC. <u>8</u>	TWP. <u>16</u>	RANGE <u>23</u>	CONFIDENTIAL	ON LOCATION	JOB START <u>8:30am</u>	JOB FINISH <u>9:00am</u>
LEASE <u>Banner</u>	WELL # <u>1-8</u>	LOCATION <u>Wakarusa 5 to 4 line 15 1/2 E</u>			COUNTY <u>NESS</u>	STATE	
OLD OR <u>NEW</u> (Circle one)				<u>SINTO</u>			

CONTRACTOR Murkin 24

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 215

CASING SIZE 8 5/8 230 DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 12 3/4 BCL

OWNER

CEMENT

AMOUNT ORDERED 150 com 30 bcl 20 bcl

COMMON	<u>150</u>	@	<u>13.50</u>	<u>2025.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>20.25</u>	<u>60.75</u>
CHLORIDE	<u>5</u>	@	<u>51.50</u>	<u>257.50</u>
ASC		@		

EQUIPMENT

PUMP TRUCK # 398 CEMENTER Craig HELPER Paul

BULK TRUCK # 378 DRIVER Hatch

BULK TRUCK # DRIVER

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JUN 30 2010

CONSERVATION DIVISION
WICHITA, KS

HANDLING	<u>150</u>	@	<u>2.25</u>	<u>337.50</u>
MILEAGE	<u>110 1/2</u>	@		<u>300.00</u>
				TOTAL <u>2980.75</u>

REMARKS:

8 5/8 on bottom PER Circulation

11.5 LBS SK + D. 5 place

Cement Circulated!

Thaus

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>991.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>20</u>	@	<u>71.00</u>	<u>142.00</u>
MANIFOLD		@		
				TOTAL <u>1131.00</u>

CHARGE TO: Crow Mesa

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

	@		
	@		
	@		
	@		

JOB LOG

SWIFT Services, Inc.

DATE 6-1-10 PAGE NO.

CUSTOMER Grand Mesa WELL NO. 1 LEASE Beamer JOB TYPE Cement Top Stage TICKET NO. 17924

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1200							On Location RCC 278x5 1/2 JUN 29 2010 PC @ 1886' CONFIDENTIAL
	1205			✓		1000		Pressure Test Annulus - Held
	1210	3 1/2		✓		350		Open Tool - Injection Rate
	1230	3 1/2		✓		350		Start Cement 11.2 ppg
		4	65	✓		500		Cement To Surface 135 sks Total 20 sks Top pit
			75					Shut Down Cement
		4		✓		500		Start Displacement
			10			200		Shut Down - Shut in
								Close Tool
	1300			✓		1000		Pressure Test - Held Run 5 JTs
	1310		25	✓				Reverse Clean Wash Truck
	1330							Job Complete Thank you Brett, David, Jason

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JUN 30 2010
CONS. DIVISION
WICHITA

JOB LOG

SWIFT Services, Inc.

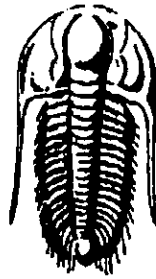
DATE 5-20-10 PAGE NO.

CUSTOMER Grand Mes-Oil Co. WELL NO. 1-8 LEASE Beamer JOB TYPE Cement 5 1/2 Casing TICKET NO. 17915

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0200							On Location 5 1/2 155# TD-4550' Cent. 1,2,3,4,7,10,66 TP-4551' Basket. 2,67 PS-4549' PC# 67 1886' SJ-20'
	0245							Start 5 1/2 Casing
	0500							Break Circulation
	0536	6 3/4	32	✓			200	Pump Mudd Flush + KCL Flush
	0535	3	7	✓			-	Plug Rat Hole 30sk
	0540	3	5	✓				Plug Mouse Hole 20sk
	0545	4 1/2		✓			200	Start Cement 175sk @ 15.5ppg
			42					- Shut Down - Wash Pump Lines - Release Plus
	0600	6 3/4		✓			200	Start Displacement
		6 3/4	75	✓			300	Lift Cement
							1000	Max Lift
	0615		107.8				1500	Land Plug - Release - Held
								Wash Truck
	0645							Job Complete
								Thank you Brett, David Lane

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KANSAS CORPORATION COMMISSION
JUN 30 2010
CONSERVATION DIVISION
WICHITA KS



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Grand Mesa Operating Co.**

1700 N. Waterfront Pkwy.
Bldg. 600
Wichita KS 67206

ATTN: Bob Peterson

8 16 23 Ness KS

Beamer #1-8

Start Date: 2010.05.17 @ 17:10:00

End Date: 2010.05.17 @ 22:36:00

Job Ticket #: 38277 DST #: 1

**KCC
JUN 29 2010
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**RECEIVED
KANSAS CORPORATION COMMISSION**

JUN 30 2010

**CONSERVATION DIVISION
WICHITA, KS**

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

ORIGINAL

Grand Mesa Operating Co.

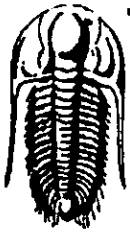
Beamer #1-8

8 16 23 Ness KS

DST # 1

Fl. Scott

2010.05.17



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Grand Mesa Operating Co.

Beamer #1-8

1700 N. Waterfront Pkwy.
Bldg. 600
Wichita KS 67206
ATTN: Bob Peterson

8 16 23 Ness KS

Job Ticket: 38277

DST#: 1

Test Start: 2010.05.17 @ 17:10:00

GENERAL INFORMATION:

Formation: **Ft. Scott**

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

Time Tool Opened: 19:13:00

Time Test Ended: 22:36:00

Test Type: **Conventional Bottom Hole**

Tester: **Chuck Kreutzer Jr.**

Unit No: **36**

Interval: **4355.00 ft (KB) To 4400.00 ft (KB) (TVD)**

Total Depth: **4400.00 ft (KB) (TVD)**

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

Reference Elevations: **2499.00 ft (KB)**

2495.00 ft (CF)

KB to GR/CF: **4.00 ft**

Serial #: 6672

Inside

Press@RunDepth: **24.05 psig @ 4360.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2010.05.17**

End Date:

2010.05.17

Last Calib.: **2010.05.17**

Start Time: **17:10:05**

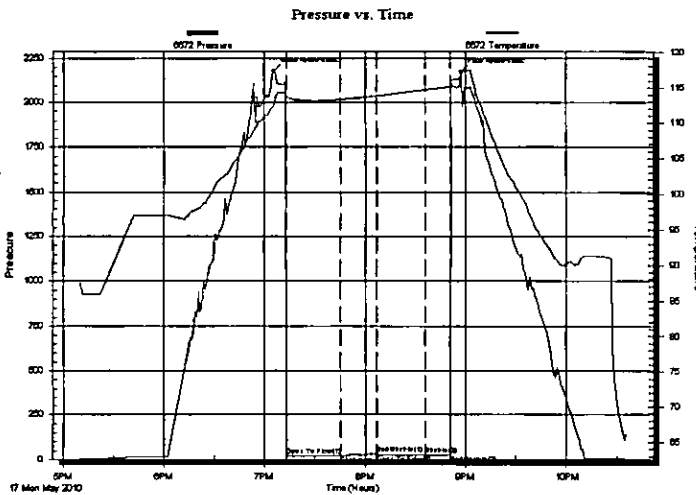
End Time:

22:35:59

Time On Btrt **2010.05.17 @ 19:05:30**

Time Off Btrt **2010.05.17 @ 20:57:00**

TEST COMMENT: IF: Weak surface blow, Died in 2 mins. Flushed tool 28 mins into first flow. Weak blow, Died in 15 secs.
IS: No blow back over 15 mins.
FF: No blow over 30 mins.
FS: No blow back over 15 mins.



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2180.17	112.37	Initial Hydro-static
8	21.00	113.66	Open To Flow (1)
40	22.02	113.30	Shut-In(1)
61	31.70	113.90	End Shut-In(1)
62	23.39	113.91	Open To Flow (2)
90	24.05	114.78	Shut-In(2)
105	27.41	115.22	End Shut-In(2)
112	2175.58	116.88	Final Hydro-static

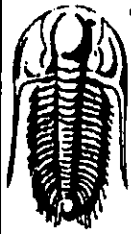
Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud	0.02

Gas Rates

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

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Grand Mesa Operating Co.
1700 N. Waterfront Pkwy.
Bldg. 600
Wichita KS 67206
ATTN: Bob Peterson

Beamer #1-8
8 16 23 Ness KS
Job Ticket: 38277 DST#: 1
Test Start: 2010.05.17 @ 17:10:00

Tool Information

Drill Pipe:	Length: 4238.00 ft	Diameter: 3.80 inches	Volume: 59.45 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: 27000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 60.05 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4355.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	45.00 ft			
Tool Length:	73.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

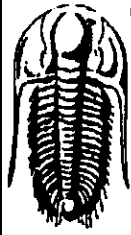
Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4332.00	
Hydraulic tool	5.00			4337.00	
Jars	5.00			4342.00	
Safety Joint	3.00			4345.00	
Packer	5.00			4350.00	28.00 Bottom Of Top Packer
Packer	5.00			4355.00	
Stubb	1.00			4356.00	
Perforations	3.00			4359.00	
Change Over Sub	1.00			4360.00	
Recorder	0.00	6672	Inside	4360.00	
Recorder	0.00	6752	Inside	4360.00	
Blank Spacing	31.00			4391.00	
Change Over Sub	1.00			4392.00	
Perforations	5.00			4397.00	
Bullnose	3.00			4400.00	45.00 Bottom Packers & Anchor

Total Tool Length: 73.00

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JUN 30 2010

CONSERVATION DIVISION
WICHITA, KS



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Grand Mesa Operating Co.

Beamer #1-8

1700 N. Waterfront Fkwy.
Bldg. 600
Wichita KS 67206
ATTN: Bob Peterson

8 16 23 Ness KS
Job Ticket: 38277 DST#: 1
Test Start: 2010.05.17 @ 17:10:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 62.00 sec/qt
Water Loss: 7.38 in³
Resistivity: ohm m
Salinity: 2000.00 ppm
Filter Cake: 2.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

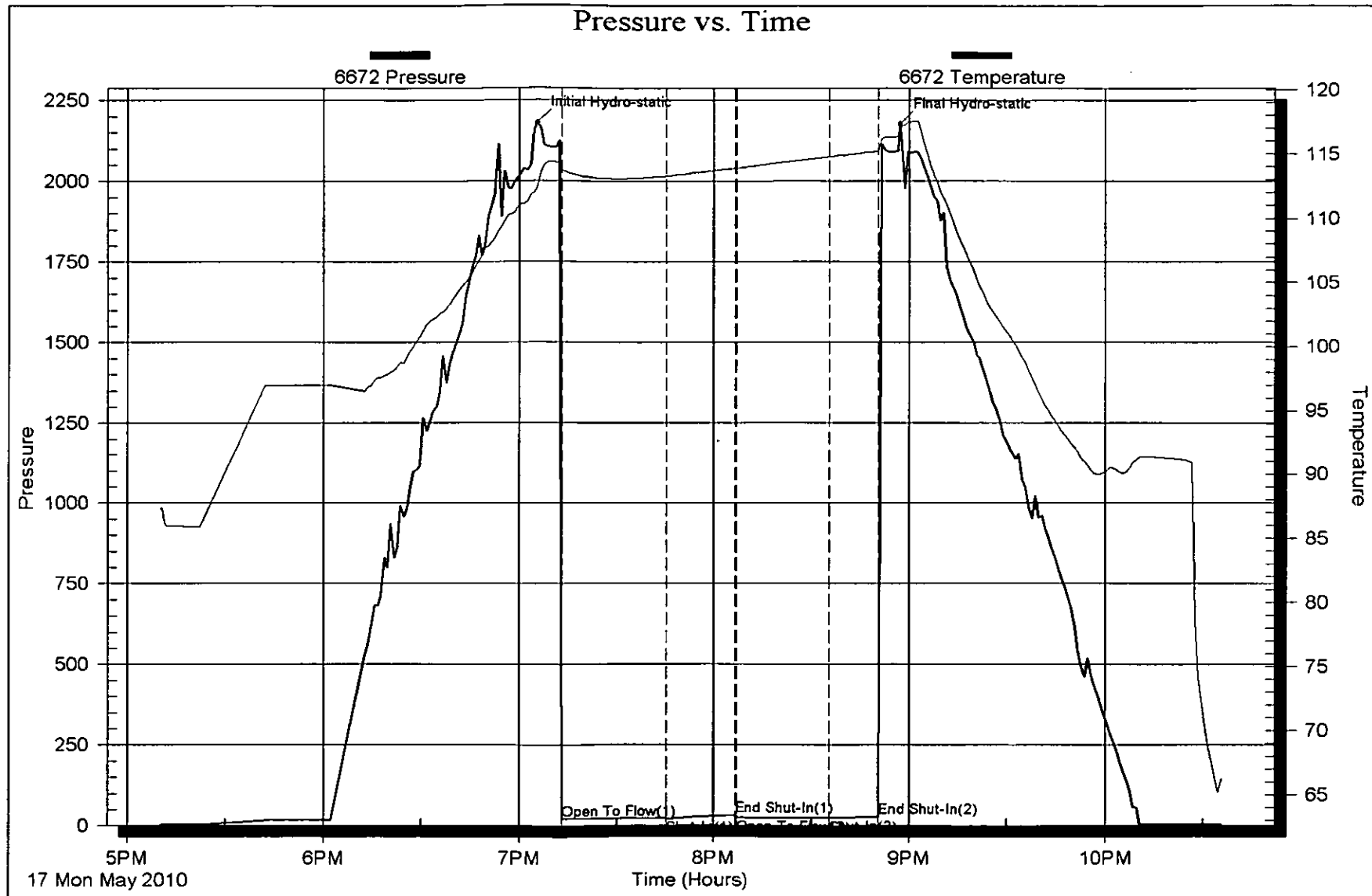
Length ft	Description	Volume bbl
5.00	mud	0.025

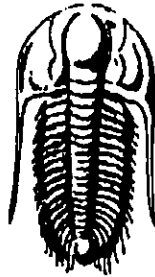
Total Length: 5.00 ft Total Volume: 0.025 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Grand Mesa Operating Co.**

1700 N. Waterfront Pkwy.
Bldg. 600
Wichita KS 67206

ATTN: Bob Peterson

8 16 23 Ness KS

Beamer #1-8

Start Date: 2010.05.18 @ 11:30:00

End Date: 2010.05.18 @ 16:21:30

Job Ticket #: 38278 DST #: 2

RECEIVED
KANSAS CORPORATION COMMISSION

JUN 30 2010

CONSERVATION DIVISION
WICHITA, KS

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

Printed: 2010.05.24 @ 13:07:27 Page 1

Grand Mesa Operating Co.

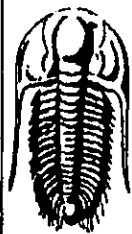
Beamer #1-8

8 16 23 Ness KS

DST # 2

Cherokee

2010.05.18



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Grand Mesa Operating Co.

Beamer #1-8

1700 N. Waterfront Pkwy.
Bldg. 600
Wichita KS 67206
ATTN: Bob Peterson

8 16 23 Ness KS

Job Ticket: 38278

DST#: 2

Test Start: 2010.05.18 @ 11:30:00

GENERAL INFORMATION:

Formation: **Cherokee**

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

Time Tool Opened: 13:14:00

Time Test Ended: 16:21:30

Test Type: **Conventional Bottom Hole**

Tester: **Chuck Kreuzer Jr.**

Unit No: **36**

Interval: **4395.00 ft (KB) To 4470.00 ft (KB) (TVD)**

Total Depth: **4470.00 ft (KB) (TVD)**

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

Reference Elevations: **2499.00 ft (KB)**

2495.00 ft (CF)

KB to GR/CF: **4.00 ft**

Serial #: 6672 Inside

Press@RunDepth: **psig @ 4402.00 ft (KB)**

Start Date: **2010.05.18**

End Date: **2010.05.18**

Capacity: **8000.00 psig**

Last Calib.: **2010.05.18**

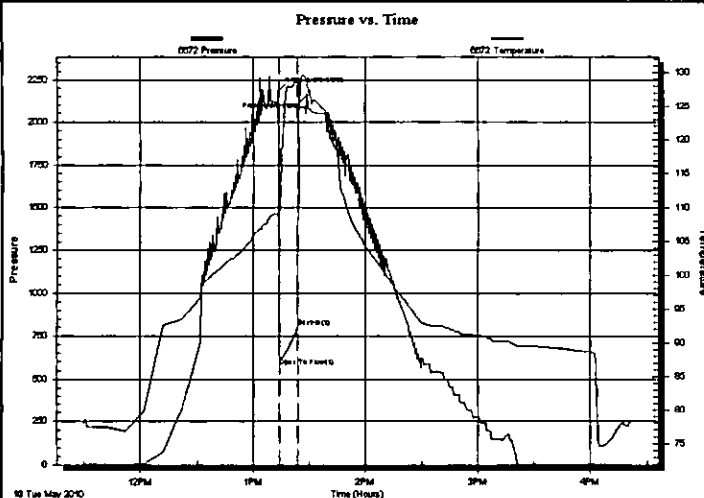
Start Time: **11:30:05**

End Time: **16:21:29**

Time On Btm: **2010.05.18 @ 13:13:30**

Time Off Btm: **2010.05.18 @ 13:29:00**

TEST COMMENT: IF: Strong blow, B.O.B in 45 secs. Pulled test after 10 mins.



PRESSURE SUMMARY

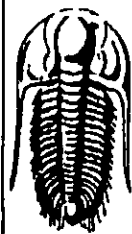
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2184.14	108.86	Initial Hydro-static
1	569.50	108.22	Open To Flow (1)
11	802.37	128.96	Shut-In (1)
16	2162.15	128.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
248.00	vsocmw -5%o5% m 90%w	2.38
248.00	mcw -5% m 95%w	3.48
496.00	gmcw -10%g5% m 85%w	6.96
248.00	mud	3.48

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Grand Mesa Operating Co.

Beamer #1-8

1700 N. Waterfront Pkwy.

8 16 23 Ness KS

Bldg. 600

Job Ticket: 38278

DST#: 2

Wichita KS 67206

ATTN: Bob Peterson

Test Start: 2010.05.18 @ 11:30:00

Tool Information

Drill Pipe:	Length: 4269.00 ft	Diameter: 3.80 inches	Volume: 59.88 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: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 60.48 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4395.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	75.00 ft			
Tool Length:	103.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4372.00	
Hydraulic tool	5.00			4377.00	
Jars	5.00			4382.00	
Safety Joint	3.00			4385.00	
Packer	5.00			4390.00	28.00 Bottom Of Top Packer
Packer	5.00			4395.00	
Stubb	1.00			4396.00	
Perforations	5.00			4401.00	
Change Over Sub	1.00			4402.00	
Recorder	0.00	6672	Inside	4402.00	
Recorder	0.00	6752	Inside	4402.00	
Blank Spacing	63.00			4465.00	
Change Over Sub	1.00			4466.00	
Perforations	1.00			4467.00	
Bullnose	3.00			4470.00	75.00 Bottom Packers & Anchor

Total Tool Length: 103.00

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JUN 30 2010

CONSERVATION DIVISION
WICHITA, KS



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Grand Mesa Operating Co.

Beamer #1-8

1700 N. Waterfront Pkwy.

8 16 23 Ness KS

Bldg. 600

Job Ticket: 38278

DST#: 2

Wichita KS 67206

ATTN: Bob Peterson

Test Start: 2010.05.18 @ 11:30:00

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:

67000 ppm

Viscosity: 62.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.37 in³

Gas Cushion Type:

Resistivity: ohmm

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
248.00	vsocmw -5%o5% μ 90%w	2.377
248.00	mcw -5% μ 95%w	3.479
496.00	gmcw -10%g5% μ 85%w	6.958
248.00	mud	3.479

Total Length: 1240.00 ft Total Volume: 16.293 bbl

Num Fluid Samples: 0

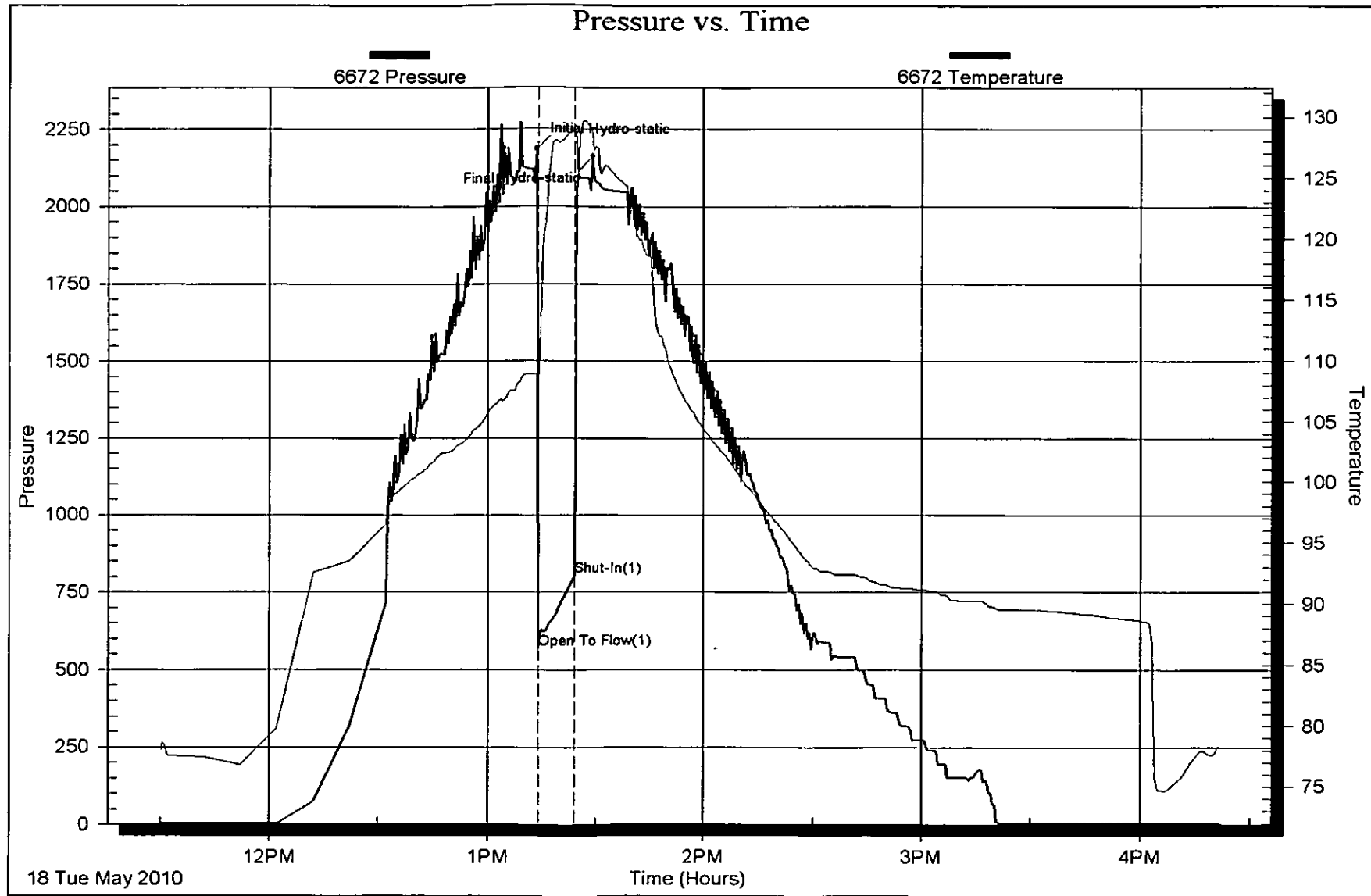
Num Gas Bombs: 0

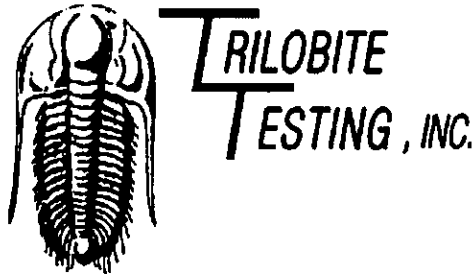
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .14 @ 65F = 67000 chlorides





DRILL STEM TEST REPORT

Prepared For: **Grand Mesa Operating Co.**

1700 N. Waterfront Pkwy.
Bldg. 600
Wichita KS 67206

ATTN: Bob Peterson

8 16 23 Ness KS

Beamer #1-8

Start Date: 2010.05.19 @ 11:30:26

End Date: 2010.05.19 @ 16:56:26

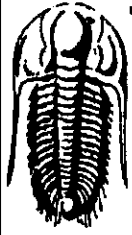
Job Ticket #: 38660 DST #: 3

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KANSAS CORPORATION COMMISSION

JUN 30 2010

CONSERVATION DIVISION
WICHITA, KS

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Grand Mesa Operating Co.

Beamer #1-8

1700 N. Waterfront Pkwy.
Bldg. 600
Wichita KS 67206
ATTN: Bob Peterson

8 16 23 Ness KS

Job Ticket: 38660

DST#: 3

Test Start: 2010.05.19 @ 11:30:26

GENERAL INFORMATION:

Formation: **Cherokee Sand**
Deviated: **No Whipstock** ft (KB)
Time Tool Opened: 14:22:26
Time Test Ended: 16:56:26

Test Type: **Conventional Straddle**
Tester: **Tyson Flax**
Unit No: **44**

Interval: **4447.00 ft (KB) To 4463.00 ft (KB) (TVD)**
Total Depth: **4554.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2499.00 ft (KB)**
2495.00 ft (CF)
KB to GR/CF: **4.00 ft**

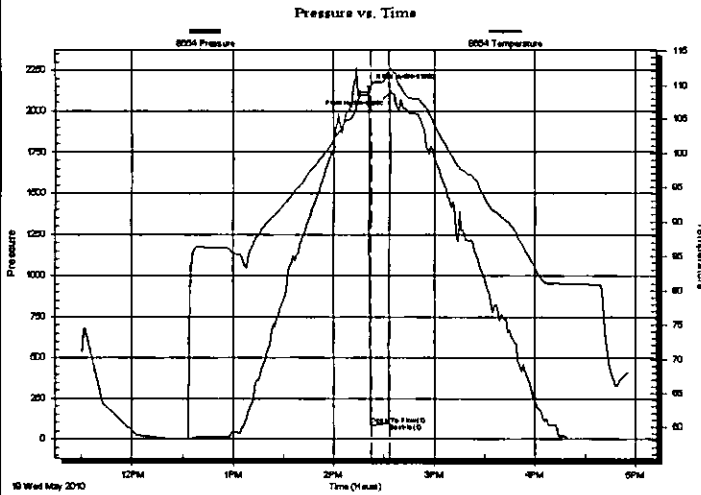
Serial #: 8654

Outside

Press@RunDepth: psig @ **4454.00 ft (KB)**
Start Date: **2010.05.19** End Date: **2010.05.19**
Start Time: **11:30:27** End Time: **16:56:26**

Capacity: **8000.00 psig**
Last Calib.: **2010.05.19**
Time On Btm: **2010.05.19 @ 14:20:56**
Time Off Btm: **2010.05.19 @ 14:33:56**

TEST COMMENT: IFF-Fair blow built to 10"
ISI-
FFP-
FSI-



PRESSURE SUMMARY

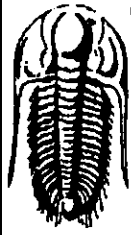
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2147.94	108.47	Initial Hydro-static
2	81.55	110.14	Open To Flow (1)
12	98.79	111.95	Shut-In(1)
13	2118.55	112.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	HOCM 30%O, 70%M	1.42
10.00	HOCM 40%O, 60%M	0.14

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Grand Mesa Operating Co.
1700 N. Waterfront Pkwy.
Bldg. 600
Wichita KS 67206
ATTN: Bob Peterson

Beamer #1-8
8 16 23 Ness KS
Job Ticket: 38660 DST#: 3
Test Start: 2010.05.19 @ 11:30:26

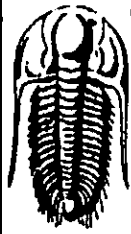
Tool Information

Drill Pipe:	Length: 4310.00 ft	Diameter: 3.80 inches	Volume: 60.46 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 61.06 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4447.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	4463.00 ft			
Interval between Packers:	16.00 ft			
Tool Length:	132.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4425.00	
Shut in Tool	5.00			4430.00	
Hydraulic tool	5.00			4435.00	
Jars	5.00			4440.00	
Safety Joint	2.00			4442.00	
Packer	5.00			4447.00	23.00 Bottom Of Top Packer
Stubb	1.00			4448.00	
Perforations	6.00			4454.00	
Recorder	0.00	6668	Inside	4454.00	
Recorder	0.00	8654	Outside	4454.00	
Perforations	5.00			4459.00	
Blank Off Sub	1.00			4460.00	
Stubb	3.00			4463.00	16.00 Tool Interval
Packer	1.00			4464.00	
Stubb	1.00			4465.00	
Perforations	1.00			4466.00	
Change Over Sub	1.00			4467.00	
Recorder	0.00	6669	Below	4467.00	
Blank Spacing	89.00			4556.00	93.00 Bottom Packers & Anchor

Total Tool Length: 132.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Grand Mesa Operating Co.
1700 N. Waterfront Pkwy.
Bldg. 600
Wchita KS 67206
ATTN: Bob Peterson

Beamer #1-8
8 16 23 Ness KS
Job Ticket: 38660 **DST#: 3**
Test Start: 2010.05.19 @ 11:30:26

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: 43.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.98 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2500.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

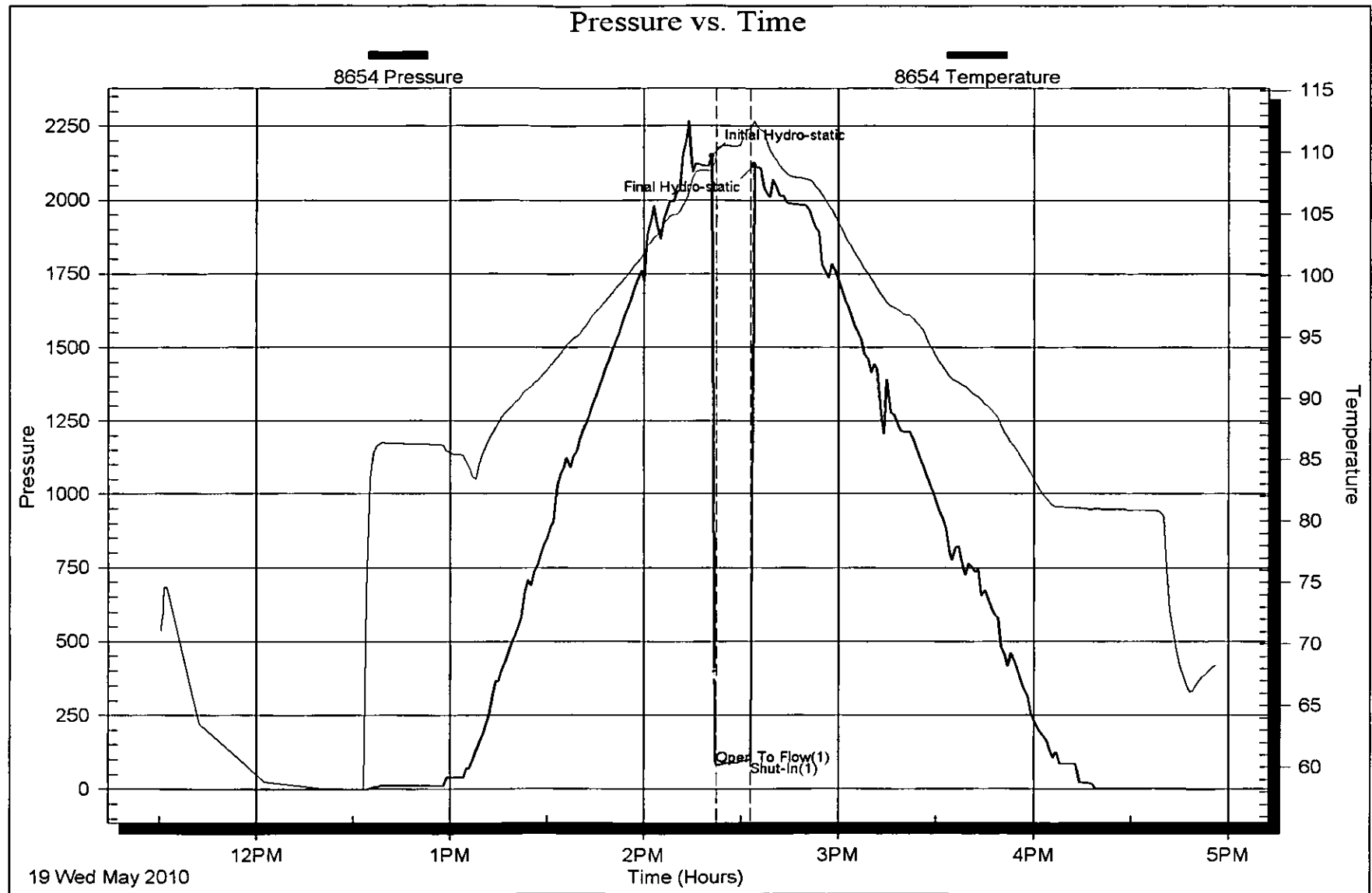
Length ft	Description	Volume bbl
180.00	HOCM 30%O,70%M	1.423
10.00	HOCM 40%O,60%M	0.140

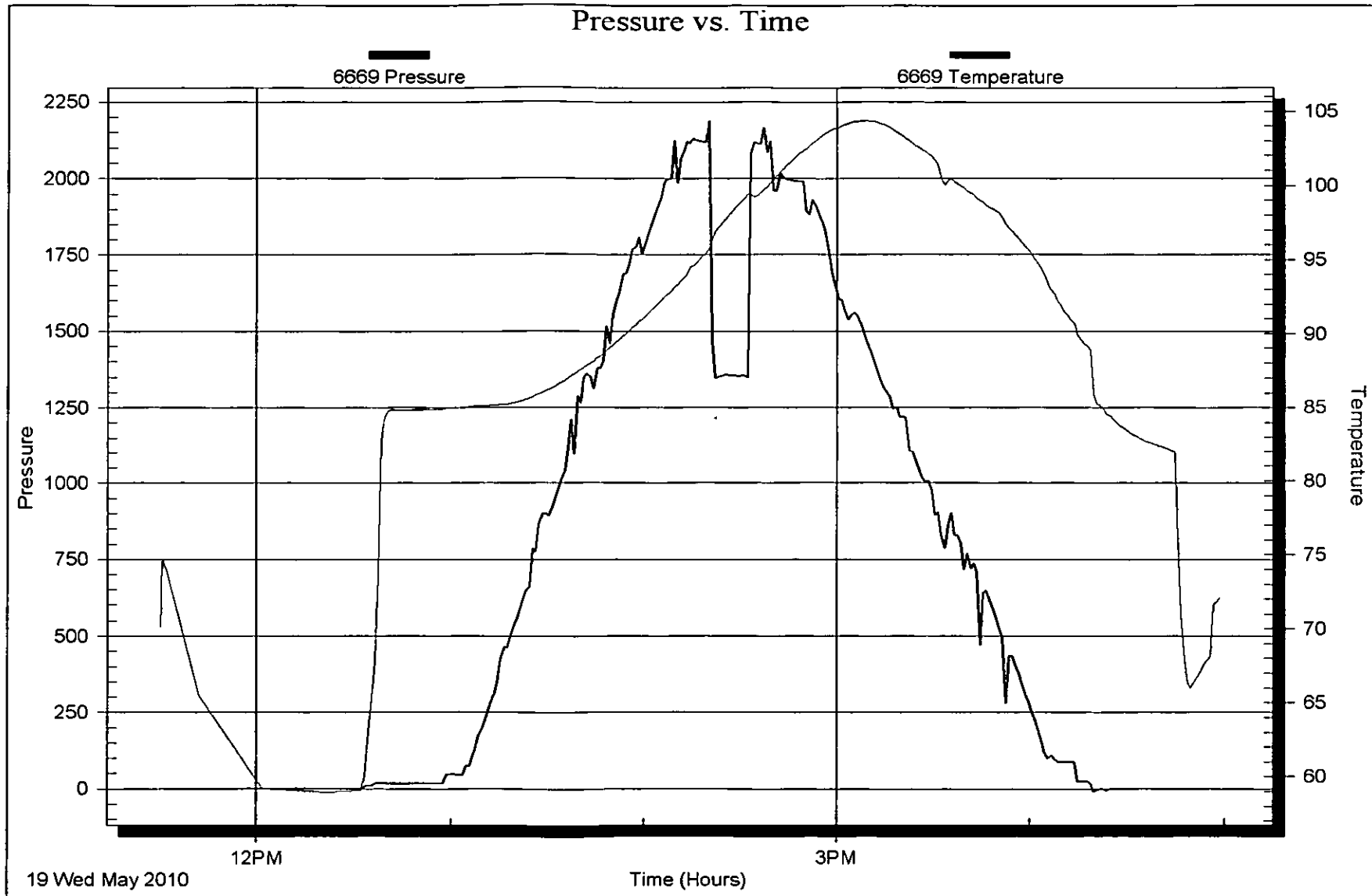
Total Length: 190.00 ft Total Volume: 1.563 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

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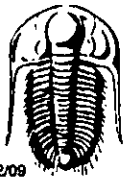
JUN 30 2010

CONSERVATION DIVISION
WICHITA, KS





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JUN 30 2010
CONSERVATION DIVISION
WICHITA, KS



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
MAY 20 2010

Test Ticket

NO. 38277

BY: _____

Well Name & No. Beamer # 1-8 Test No. 7 Date 05-17-10

Company Grand Mesa Oper. Elevation 2499 KB 2495 GL _____

Address 1700 N. water front PKWY. Bldg. 600 Wichita KS 67206

Co. Rep / Geo. Ronald Sinclair Rig Murfin # 24

Location: Sec. 8 Twp. 16 Rge. 23 Co. Neosho State Ks

Interval Tested 4355 4400 Zone Tested FT Scott

Anchor Length _____ 45 Drill Pipe Run 4238 Mud Wt. 9.0

Top Packer Depth _____ 4350 Drill Collars Run 121 Vis 62

Bottom Packer Depth _____ 4355 Wt. Pipe Run -0- WL 7.4

Total Depth _____ 4400 Chlorides 2000 ppm System LCM 1#

Blow Description IF: Weak surface blow, Died in 2 mins. Flushed tool, weak blow, died 15 secs.

ISI: No blow back over 15 mins.

FF: No blow over 30 mins.

FSE: No blow back over 15 mins

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Mud</u>				<u>100</u>
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____

Rec Total 5 BHT 115 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic _____ 2180 Test _____ 1225 T-On Location _____ 1530

(B) First Initial Flow _____ 21 Jars _____ 250 T-Started _____ 17:10

(C) First Final Flow _____ 22 Safety Joint _____ 75 T-Open _____

(D) Initial Shut-In _____ 32 Circ Sub _____ T-Pulled _____ 20:50

(E) Second Initial Flow _____ 23 Hourly Standby _____ T-Out _____

(F) Second Final Flow _____ 24 Mileage 120 RT _____ 150 Comments _____

(G) Final Shut-In _____ 27 Sampler _____ RECEIVED
KANSAS CORPORATION COMMISSION

(H) Final Hydrostatic _____ 2176 Straddle _____ JUN 30 2010
CONSERVATION DIVISION
WICHITA, KS

Initial Open _____ 30 Shale Packer _____ Ruined Shale Packer _____

Initial Shut-In _____ 15 Extra Packer _____ Ruined Packer _____

Final Flow _____ 30 Extra Recorder _____ Extra Copies _____

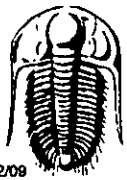
Final Shut-In _____ 15 Day Standby _____ Sub Total 0

Accessibility _____ Total 1700-

Sub Total 1700-

Approved By _____ Our Representative Charles [Signature]

TriLOBITE TESTING Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED Test Ticket

MAY 20 2010 No. 38278

BY: _____

Well Name & No. Beamer # 1-B Test No. 2 Date 5-17-10
 Company Grand Mesa Oper. Elevation 2499 KB 2495 GL
 Address 1700 N. Waterfront Pkwy. Bldg. 600 Wichita KS 67206
 Co. Rep / Geo. Bob Rig Mur Fin #24
 Location: Sec. 8 Twp. 16 Rge. 23 Co. NESS State KS

Interval Tested 4395 4470 Zone Tested Cherokee
 Anchor Length 45 Drill Pipe Run 4269 Mud Wt. 9.0
 Top Packer Depth 4390 Drill Collars Run 121 Vis 57
 Bottom Packer Depth 4395 Wt. Pipe Run 0 WL 7.4
 Total Depth 4470 Chlorides 2000 ppm System LCM AF

Blow Description IF: strong blow, B.O.B in 45 sec. Pulled tool After 10 mins.

Rec	Feet of	%gas	%oil	%water	%mud
<u>248</u>	<u>mud</u>			<u>100</u>	
<u>496</u>	<u>gncw</u>	<u>10</u>		<u>85</u>	<u>5</u>
<u>248</u>	<u>mcw</u>			<u>95</u>	<u>5</u>
<u>248</u>	<u>USOCMW</u>		<u>5</u>	<u>90</u>	<u>5</u>

Rec Total 1240 BHT _____ Gravity _____ API RW 14 @ 65 °F Chlorides 67000 ppm

(A) Initial Hydrostatic 2272 Test 1225
 (B) First Initial Flow 570 Jars 250
 (C) First Final Flow 802 Safety Joint 75
 (D) Initial Shut-In _____ Circ Sub _____
 (E) Second Initial Flow _____ Hourly Standby _____
 (F) Second Final Flow _____ Mileage 120 FT 50
 (G) Final Shut-In _____ Sampler _____
 (H) Final Hydrostatic 2162 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1700

T-On Location 9:30
 T-Started 11:30
 T-Open _____
 T-Pulled 13:25
 T-Out _____

Comments **RECEIVED**
KANSAS CORPORATION COMMISSION

JUN 30 2010

CONSERVATION DIVISION
WICHITA, KS

Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Sub Total 0
 Total 1700

Approved By _____ Our Representative Chub [Signature]

TriLOBITE Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
MAY 21 2010

Test Ticket

NO. 38660

Well Name & No. Beamer #1-8 BY: _____ Test No. 3 Date 5-19-10
 Company Grand Mesa Elevation 2499 KB 2495 GL _____
 Address _____
 Co. Rep / Geo. Bob Peterson Rig Murkin #24
 Location: Sec. 8 Twp. 16^S Rge. 23^W Co. N State KS

Interval Tested 4447 - 4463 Zone Tested Cherokee Sand
 Anchor Length 16 Drill Pipe Run 4310 Mud Wt. 9.1
 Top Packer Depth 4447 Drill Collars Run 121 Vis 43
 Bottom Packer Depth 4463 Wt. Pipe Run _____ WL 10
 Total Depth 4554 Chlorides 2500 ppm System LCM _____
 Blow Description IFP - Fair blow built to 10" - pulled rest
ISI -
FFP -
FSI -

Rec	Feet of	RECEIVED KANSAS CORPORATION COMMISSION	%gas	%oil	%water	%mud
<u>10</u>	<u>HOCM</u>	<u>JUN 30 2010</u>		<u>40</u>	<u>60</u>	
<u>180</u>	<u>HOCM</u>			<u>30</u>	<u>70</u>	
Rec _____	Feet of _____	<u>CONSERVATION DIVISION WICHITA, KS</u>	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____		%gas _____	%oil _____	%water _____	%mud _____

Rec Total 190 BHT 112 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2148 Test 1225 T-On Location 10:00
 (B) First Initial Flow 82 Jars 250 T-Started 11:30
 (C) First Final Flow 99 Safety Joint 75 T-Open 14:22
 (D) Initial Shut-In _____ Circ Sub _____ T-Pulled 14:32
 (E) Second Initial Flow _____ Hourly Standby _____ T-Out 16:56
 (F) Second Final Flow _____ Mileage 180 RT 150 Comments _____
 (G) Final Shut-In _____ Sampler _____
 (H) Final Hydrostatic 2119 Straddle 600 _____
 Shale Packer _____ Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Final Flow _____ Day Standby _____ Sub Total 0
 Final Shut-In _____ Accessibility _____ Total 2300
 Sub Total 2300

Approved By _____ Our Representative [Signature]

TriLOBITE Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.