

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 9067
 Name: DaMar Resources, Inc.
 Address: 234 W 11th St.
 City/State/Zip: Hays, KS 67601
 Purchaser: Coffeyville
 Operator Contact Person: Curtis R. Longpine
 Phone: (785) 625-0020
 Contractor: Name: L. D. Drilling
 License: 6039
 Wellsite Geologist: Jim Musgrove
 Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, 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./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

8/31/07	9/6/07	10/04/07
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 009-25,074-00-06
 County: Barton
 NW - SW - NE - NW Sec. 31 Twp. 16 S. R. 12 East West
890 feet from S / (circle one) Line of Section
1625 feet from E / (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Staudinger Well #: 1
 Field Name: Wildcat
 Producing Formation: Lansing - Kansas City
 Elevation: Ground: 1951 Kelly Bushing: 1956
 Total Depth: 3500 Plug Back Total Depth: 3470
 Amount of Surface Pipe Set and Cemented at 643 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set NA Feet
 If Alternate II completion, cement circulated from NA
 feet depth to _____ w/ _____ sx cmt.

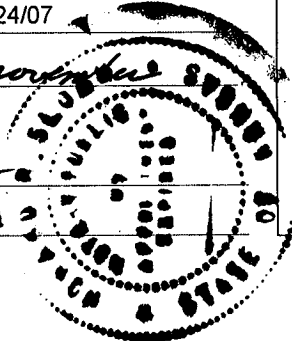
Drilling Fluid Management Plan
 (Data must be collected from the Reserve Pit)
 Chloride content 4000 ppm Fluid volume 3000 bbls
 Dewatering method used evaporation
 Location of fluid disposal if hauled offsite: _____
 Operator Name: _____
 Lease Name: _____ License No.: _____
 Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
 County: _____ Docket No.: _____

Handwritten: A11-Dlg-2/12/09

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.

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: [Signature]
 Title: VP/Geologist Date: 11/24/07
 Subscribed and sworn to before me this 24th day of November
2007
 Notary Public: [Signature]
 Date Commission Expires: 29 Aug 2008



KCC Office Use ONLY

Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

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CONSERVATION DIVISION
WICHITA, KS

Operator Name: DaMar Resources, Inc. Lease Name: Staudinger Well #: 1
 Sec. 31 Twp. 16 S. R. 12 East West County: Barton

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 copy of all Electric Wireline 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 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 <i>(Submit Copy)</i> List All E. Logs Run: See enclosed E. Logs	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum See enclosed Geological Report
--	--

CASING RECORD <input 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#	643	common	315	3% CC, 2% gel
production	7 - 7/8	5 - 1/2	14#	3496	EA-2	165	

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				

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	3433-35	750 HCl acid	
4	3344-47	1500 HCl acid	
4	3308-10	500 HCl acid	
4	3169-77	750 HCl acid	

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TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
		2 - 7/8	3467	none			
Date of First, Resumerd Production, SWD or Enhr. 10/04/07			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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		
	78	none	37				

Disposition of Gas Vented Sold Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval Lansing-Kansas City

ALLIED CEMENTING CO., INC.

25640

TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
9-1-07	31	16	12		4:00am	7:00am	7:30am
STAN DINGEL LEASE	WELL # 1	LOCATION <u>Susank 15 4 1/2 E Sinto</u>			COUNTY <u>Barber</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR C-D Drilling
 TYPE OF JOB Long Surface
 HOLE SIZE _____ T.D. 696
 CASING SIZE 8 5/8 23# DEPTH 623
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 15' 8"
 PERFS. _____
 DISPLACEMENT 39 BL'
 EQUIPMENT _____

PUMP TRUCK CEMENTER Coig
 # 409 HELPER Adrian
 BULK TRUCK
 # 396 DRIVER Chuck
 BULK TRUCK
 # _____ DRIVER _____

OWNER _____
 CEMENT AMOUNT ORDERED 300com 396cc 2960cc

COMMON	<u>300</u>	@	<u>11.10</u>	<u>3330.00</u>
POZMIX		@		
GEL	<u>6</u>	@	<u>16.65</u>	<u>99.90</u>
CHLORIDE	<u>9</u>	@	<u>46.60</u>	<u>419.40</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>315</u>	@	<u>1.90</u>	<u>598.50</u>
MILEAGE	<u>9K/mi/09</u>			<u>708.75</u>
TOTAL				<u>5156.55</u>

REMARKS:

Cement Circulated!

Thanks!

CHARGE TO: Damal
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____ 955.00
 EXTRA FOOTAGE @ _____
 MILEAGE 25 @ 6.00 150.00
 MANIFOLD @ _____
 @ _____
 @ _____
 TOTAL 1105.00

PLUG & FLOAT EQUIPMENT

1 8 3/8 Solid Rubber Plug @ _____ 100.00
 @ _____
 @ _____
 @ _____
 @ _____
 TOTAL 100.00

TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE [Signature]

PRINTED NAME _____

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CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
Damar Resources		#1		Standing		Cement hang string		12419	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
	1230							on loc w/FE	
								RTD 3500'	
								5 1/2" x 14" x 3503' x 17'	
								Cent. 33, 2, 4, 6, 8, 10, 12	
								Base. 1, 13	
	1450							start FE	
	1630							Break Circ	
	1645	2	3					Plug RH 15cks EA-2	
	1651	4	0					150 Start Pr. Flushes 20 Bbl KCL Flush	
	1659	5	32/0					400 start Cement 160cks EA-2	
	1707		38					End Cement	
								Wash P/L	
								Drop Plug	
	1710	6.5	0					200 Start Displacement	
	1719	5	57					250 Catch Cement	
	1728		85					600/1000 Land Plug	
								Release Pressure	
								Float Held	

Thank you

Nick, Josh F. + Sean

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CONSERVATION DIVISION
WICHITA, KS

15-009-25074-0000

JAMES C. MUSGROVE

Petroleum Geologist
P.O. Box 215
212 Main St.
Clafin, KS 67525

Office (620) 588-4250

Res. Clafin (620) 587-3444

Damar Resources Inc.
Staudinger #1
890' FNL & 1625' FWL; Section 31-16s-12w
Barton County, Kansas
Page No. 1

5 1/2" Production Casing Set

Contractor: LD Drilling Company (Rig #1)
Commenced: August 31, 2007
Completed: September 6, 2007
Elevation: 1956' K.B.; 1954' D.F.; 1951' G.L.
Casing Program: Surface; 8 5/8" @ 643'
Production; 5 1/2" @ 3499'
Samples: Samples saved and examined 2800' to the Rotary Total Depth.
Drilling Time: One (1) foot drilling time recorded and kept 2600' to the Rotary Total Depth.
Measurements: All depths measured from the Kelly Bushing.
Electric Log: By Log Tech; Dual Induction, Dual Compensated Porosity Log, Micro and Sonic Log.
Gas Detector: None.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	861	+1095
Topeka	2786	-830
Heebner	3067	-1111
Toronto	3084	-1128
Douglas	3094	-1138
Brown Lime	3153	-1197
Lansing	3169	-1213
Base Kansas City	3408	-1452
Arbuckle	3418	-1462
Rotary Total Depth	3500	-1544
Log Total Depth	3500	-1544

(All tops and zones corrected to Electric Log measurements).

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WICHITA, KS

SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.

TOPEKA SECTION

2788-2800' Limestone; gray, mottled, fossiliferous, chalky in part, poor visible porosity, no shows.
2810-2820' Limestone; gray, slightly fossiliferous, chalky, no shows.
2846-2856' Limestone; tan, white, finely crystalline, slightly granular, chalky, trace gray chert.

- 2860-2869' Limestone; as above, fossiliferous, plus chert, amber and gray, boney.
- 2890-2910' Limestone; tan, finely crystalline, few highly fossiliferous, trace loose fossil fragments, no shows.
- 2940-2960' Limestone; tan, fossiliferous, chalky, trace gray boney chert.
- 2982-3000' Limestone; tan, buff, slightly cherty, poor porosity, no shows.
- 3001-3006' Limestone; tan, fossiliferous, sub oomoldic, chalky, poorly developed porosity, no shows.
- 3021-3031' Limestone; as above, chalky, trace gray chert, questionable dull gray spotty stain, no show of free oil or odor in fresh samples.
- 3043-3060' Limestone; white, gray, slightly fossiliferous, chalky.

TORONTO SECTION

- 3084-3091' Limestone; white, cream, gray, fine and medium crystalline, few fossiliferous, chalky, trace iron pyrite, no shows.

LANSING SECTION

- 3070-3076' Limestone; tan, finely oomoldic, fair oomoldic porosity, fair brown to dark brown stain and saturation, show of free oil and faint odor in fresh samples.
- 3088-3094' Limestone; cream/white, finely crystalline, scattered porosity, trace stain, show of free oil, faint odor in fresh samples.
- 3198-3206' Limestone; white, gray, finely crystalline, few fossiliferous, chalky, no shows.
- 3214-3222' Limestone; white, gray, fossiliferous, chalky, no shows.

Drill Stem Test #1 3160-3222'

Times: 5-60-60-90

Blow: Strong, gas to surface

**Recovery: 2896' gas in pipe
 100' clean gassy oil
 157' mud cut gassy oil
 (40% gas, 40% oil, 20% mud)**

**Pressures: ISIP 983 psi
 FSIP 975 psi
 IFP 16-30 psi
 FFP 33-103 psi
 HSH 1564-1515 psi**

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- 3226-3230' Limestone; white, finely crystalline, chalky, trace pinpoint and intercrystalline type porosity, brown spotty stain, no show of free oil or odor in fresh samples.
- 3234-3241' Limestone; gray, oolitic, chalky, poor visible porosity, questionable gray stain, no show of free oil or odor in fresh samples.

- 3259-3281' Limestone; white, gray, tan, oomoldic, good oomoldic porosity (barren).
- 3306-3311' Limestone; white, gray, oolitic, oomoldic, spotty dark brown and brown stain, show of free oil (gassy) and faint to fair odor in fresh samples.
- 3323-3330' Limestone; white, oolitic, fossiliferous, chalky, brown and golden brown stain, weak show of free oil and no odor in fresh samples.
- 3342-3350' Limestone; white, gray, oolitic/fossiliferous, chalky, poor visible porosity, no shows.
- 3374-3390' Limestone; tan, gray, fine and medium crystalline, fossiliferous in part, poor visible porosity, no shows.

Drill Stem Test #2 3296-3400'

Times: 5-60-90-90

**Recovery: 150' gas in pipe
 30; gassy muddy oil
 (5% gas, 45% oil, 50% mud)**

**Pressures: ISIP 881 psi
 FSIP 801 psi
 IFP 12-14 psi
 FFP 12-20 psi
 HSH 1620-1560 psi**

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 WICHITA, KS

ARBUCKLE SECTION

- 3418-3426' Dolomite; tan, buff, finely crystalline, sucrosic, scattered pinpoint porosity, brown and golden brown stain, show of free oil and fair odor in fresh samples.
- 3426-3438' Dolomite; gray, white, medium crystalline, few sucrosic, fair intercrystalline porosity, brown stain and saturation, show of free oil and good odor in fresh samples.
- 3440-3450' Dolomite; white, gray, sucrosic, scattered pinpoint to fine vuggy type porosity, brown and gray stain, show of free oil and good odor in fresh samples.
- 3450-3460' Dolomite; as above, plus tan, finely crystalline, dolomite, trace brown stain, no show of free oil and good odor in fresh samples, trace iron pyrite.
- 3460-3470' Dolomite; gray, white, finely crystalline, few medium crystalline, sandy in part, fair porosity, spotty stain, trace of free oil (dead) and good odor, plus white chert.)
- 3470-3490' Dolomite; white, medium crystalline, fair to good porosity, trace black stain, no show of free oil and faint odor in fresh samples.
- 3490-3500' Dolomite; white and gray, fine to medium crystalline, scattered intercrystalline porosity, (barren).

Rotary Total Depth 3500 (-1544)
Log Total Depth 3500 (-1544)

Remarks: It is Damar Resources Company procedure to analyze the Arbuckle Section on the basis of Electric Log calculations. After Log Analysis, Straddle Tests of the Arbuckle Section are performed.

Drill Stem Test #3 3406-3438' (Straddle Test)

Misrun

Drill Stem Test #4 3380-3438' (Straddle Test)

Times: 5-60-90-90

Blow: Weak building to 2 inches

**Recovery: 200' gas in pipe
5' clean oil
63' oil cut mud
(40% oil, 60% mud)
2' muddy water**

**Pressures: ISIP 1062 psi
FSIP 981 psi
IFP 19-22 psi
FFP 26-46 psi
HSH 1675-1642 psi**

Recommendations:

On the basis of the favorable structural position and the positive results of the Drill Stem Tests, it was recommended by all parties involved to set and cement 5 1/2" production casing at 3499' (one foot off bottom) and the following zones be tested in the Staudinger #1:

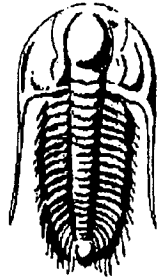
- 1. Arbuckle 3432-3438 perforate
- 2. Lansing 'H' Zone 3306-3311 perforate
- 3. Lansing 'A' Zone 3170-3176 perforate

Respectfully submitted;

James C. Musgrove
 James C. Musgrove
 Petroleum Geologist



15-009-75074-0000



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **DaMar Resources**

234 W 11th St
Hays KS 67601

ATTN: Jim Musgrove

3116 12W Barton KS

Staudinger #1

Start Date: 2007.09.04 @ 16:42:39

End Date: 2007.09.04 @ 23:50:09

Job Ticket #: 30544 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

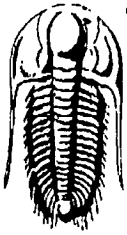
DaMar Resources
Staudinger #1

3116 12W Barton KS

DST # 1

IKC

2007.09.04



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

DaMar Resources

Staudinger #1

234 W 11th St
Hays KS 67601

3116 12W Barton KS

Job Ticket: 30544

DST#: 1

ATTN: Jim Musgrove

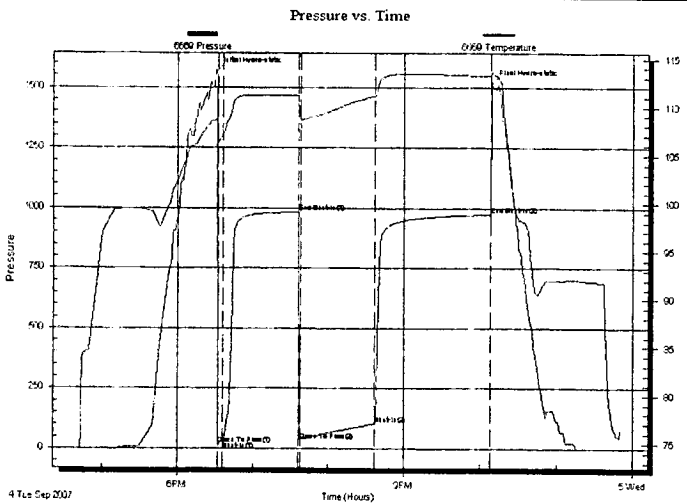
Test Start: 2007.09.04 @ 16:42:39

GENERAL INFORMATION:

Formation: **IkC**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: 18:32:09
 Time Test Ended: 23:50:09
 Interval: **3160.00 ft (KB) To 3222.00 ft (KB) (TVD)**
 Total Depth: **3222.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**
 Test Type: **Conventional Bottom Hole**
 Tester: **Kyle Kinderknecht**
 Unit No: **31**
 Reference Elevations: **1956.00 ft (KB)**
1951.00 ft (CF)
 KB to GR/CF: **5.00 ft**

Serial #: 6669 **Inside**
 Press@RunDepth: **103.32 psig @ 3162.00 ft (KB)** Capacity: **7000.00 psig**
 Start Date: **2007.09.04** End Date: **2007.09.04** Last Calib.: **2007.09.05**
 Start Time: **16:42:44** End Time: **23:50:08** Time On Btm: **2007.09.04 @ 18:30:39**
 Time Off Btm: **2007.09.04 @ 22:09:09**

TEST COMMENT: IF BOB 4 min
 ISI 7 1/2 " Blow Back
 FF BOB Instantly Gas to Surface When bled off
 FSI 8 " Died Back to 5 "



PRESSURE SUMMARY

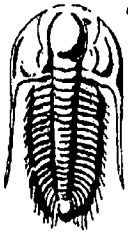
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1564.38	108.68	Initial Hydro-static
2	16.58	106.32	Open To Flow (1)
6	30.50	107.17	Shut-In(1)
66	983.05	111.21	End Shut-In(1)
67	33.39	108.87	Open To Flow (2)
126	103.32	111.12	Shut-In(2)
217	975.10	113.20	End Shut-In(2)
219	1515.39	113.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2894.00	GIP	40.60
100.00	100%O	1.40
157.00	MCGO 40%G 40%O 20%M	2.20

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

DaMar Resources

Staudinger #1

234 W 11th St
Hays KS 67601

3116 12W Barton KS

Job Ticket: 30544

DST#: 1

ATTN: Jim Musgrove

Test Start: 2007.09.04 @ 16:42:39

Tool Information

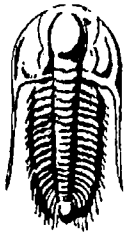
Drill Pipe:	Length: 3153.00 ft	Diameter: 3.80 inches	Volume: 44.23 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 42000.00 lb
			<u>Total Volume: 44.23 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 39000.00 lb
Depth to Top Packer:	3160.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	62.00 ft			
Tool Length:	82.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3141.00	
Shut In Tool	5.00			3146.00	
Hydraulic tool	5.00			3151.00	
Packer	4.00			3155.00	20.00 Bottom Of Top Packer
Packer	5.00			3160.00	
Stubb	1.00			3161.00	
Perforations	1.00			3162.00	
Recorder	0.00	6669	Inside	3162.00	
Blank Spacing	31.00			3193.00	
Change Over Sub	1.00			3194.00	
Perforations	24.00			3218.00	
Recorder	0.00	13308	Outside	3218.00	
Bullnose	3.00			3221.00	
Change Over Sub	1.00			3222.00	62.00 Bottom Packers & Anchor

Total Tool Length: 82.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

DaMar Resources

Staudinger #1

234 W 11th St
Hays KS 67601

3116 12W Barton KS

Job Ticket: 30544

DST#: 1

ATTN: Jim Musgrove

Test Start: 2007.09.04 @ 16:42:39

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: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.16 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2894.00	GIP	40.595
100.00	100%O	1.403
157.00	MCGO 40%G 40%O 20%M	2.202

Total Length: 3151.00 ft

Total Volume: 44.200 bbl

Num Fluid Samples: 0

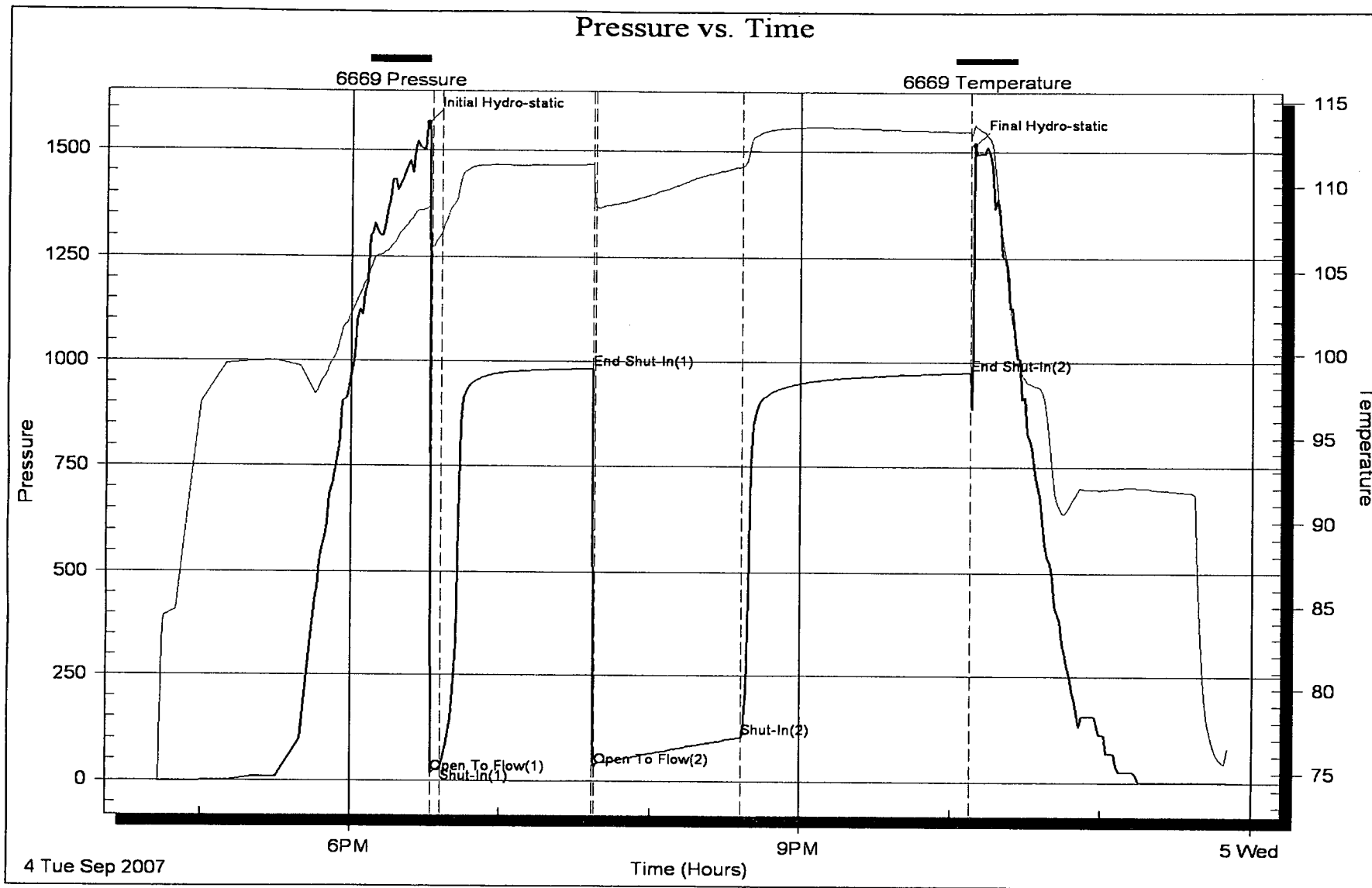
Num Gas Bombs: 0

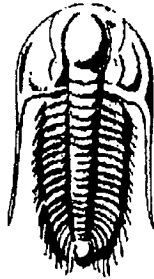
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **DaMar Resources**

234 W 11th St
Hays KS 67601

ATTN: Jim Musgrove

3116 12W Barton KS

Staudinger #1

Start Date: 2007.09.05 @ 16:51:01

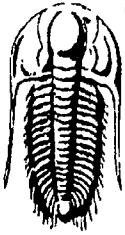
End Date: 2007.09.06 @ 00:25:31

Job Ticket #: 30545 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

DaMar Resources

234 W 11th St
Hays KS 67601

ATTN: Jim Musgrove

Staudinger #1

3116 12W Barton KS

Job Ticket: 30545

DST#: 2

Test Start: 2007.09.05 @ 16:51:01

GENERAL INFORMATION:

Formation: **lkc H I J K L**

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

Time Tool Opened: 18:50:31

Time Test Ended: 00:25:31

Test Type: **Conventional Bottom Hole**

Tester: **Kyle Kinderknecht**

Unit No: **31**

Interval: **3296.00 ft (KB) To 3400.00 ft (KB) (TVD)**

Total Depth: **3400.00 ft (KB) (TVD)**

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

Reference Elevations: **1956.00 ft (KB)**

1951.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: 6669 **Inside**

Press@RunDepth: **20.23 psig @ 3298.00 ft (KB)**

Start Date: **2007.09.05**

End Date: **2007.09.06**

Capacity: **7000.00 psig**

Last Calib.: **2007.09.06**

Start Time: **16:51:06**

End Time: **00:25:30**

Time On Btm: **2007.09.05 @ 18:49:01**

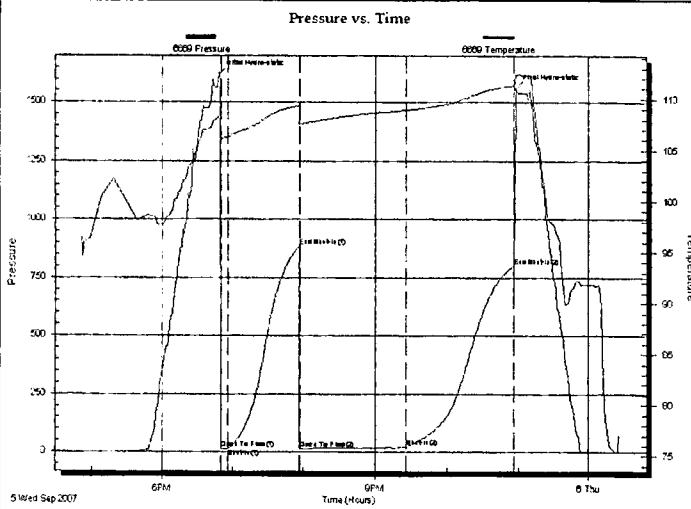
Time Off Btm: **2007.09.05 @ 22:57:31**

TEST COMMENT: **IF 1/4 "**

ISI Dead

FF 8 "

FSI Dead



PRESSURE SUMMARY

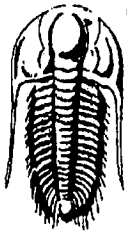
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1620.15	108.31	Initial Hydro-static
2	12.49	106.05	Open To Flow (1)
8	14.55	106.33	Shut-In(1)
67	881.82	109.34	End Shut-In(1)
68	12.25	107.59	Open To Flow (2)
157	20.23	108.92	Shut-In(2)
247	801.78	111.31	End Shut-In(2)
249	1560.05	112.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	GIP	2.10
30.00	GMCO 5%G 45%O 50%M	0.42

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

DaMar Resources

Staudinger #1

234 W 11th St
Hays KS 67601

3116 12W Barton KS

Job Ticket: 30545

DST#: 2

ATTN: Jim Musgrove

Test Start: 2007.09.05 @ 16:51:01

Tool Information

Drill Pipe:	Length: 3280.00 ft	Diameter: 3.80 inches	Volume: 46.01 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 46.01 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3296.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	104.00 ft			
Tool Length:	124.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

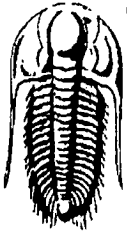
Tool Comments:

Tool Description

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

Change Over Sub	1.00			3277.00	
Shut In Tool	5.00			3282.00	
Hydraulic tool	5.00			3287.00	
Packer	4.00			3291.00	20.00 Bottom Of Top Packer
Packer	5.00			3296.00	
Stubb	1.00			3297.00	
Perforations	1.00			3298.00	
Recorder	0.00	6669	Inside	3298.00	
Blank Spacing	94.00			3392.00	
Change Over Sub	1.00			3393.00	
Perforations	3.00			3396.00	
Recorder	0.00	13308	Outside	3396.00	
Bullnose	3.00			3399.00	
Change Over Sub	1.00			3400.00	104.00 Bottom Packers & Anchor

Total Tool Length: 124.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

DaMar Resources

Staudinger #1

234 W 11th St
Hays KS 67601

3116 12W Barton KS

Job Ticket: 30545

DST#: 2

ATTN: Jim Musgrove

Test Start: 2007.09.05 @ 16:51:01

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: 11.16 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	GIP	2.104
30.00	GMCO 5%G 45%O 50%M	0.421

Total Length: 180.00 ft Total Volume: 2.525 bbl

Num Fluid Samples: 0

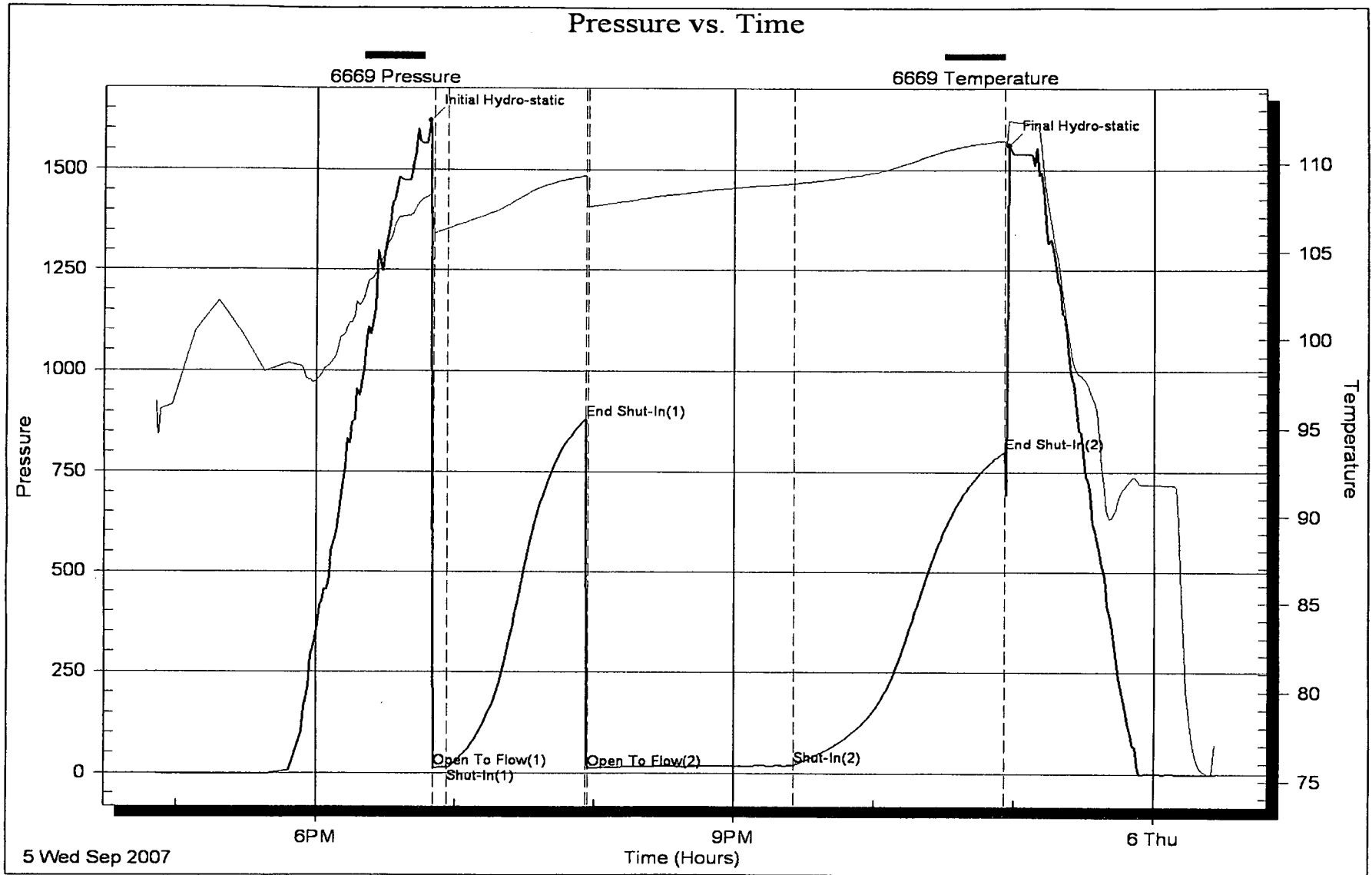
Num Gas Bombs: 0

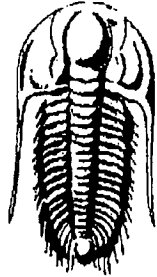
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **DaMar Resources**

234 W 11th St
Hays KS 67601

ATTN: Jim Musgrove

3116 12W Barton KS

Staudinger #1

Start Date: 2007.09.06 @ 17:46:08

End Date: 2007.09.06 @ 23:23:08

Job Ticket #: 30546 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

DaMar Resources

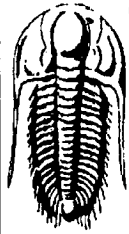
Staudinger #1

3116 12W Barton KS

DST # 3

Arbuckle

2007.09.06



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

DaMar Resources

Staudinger #1

234 W 11th St
Hays KS 67601

3116 12W Barton KS

Job Ticket: 30546

DST#: 3

ATTN: Jim Musgrove

Test Start: 2007.09.06 @ 17:46:08

GENERAL INFORMATION:

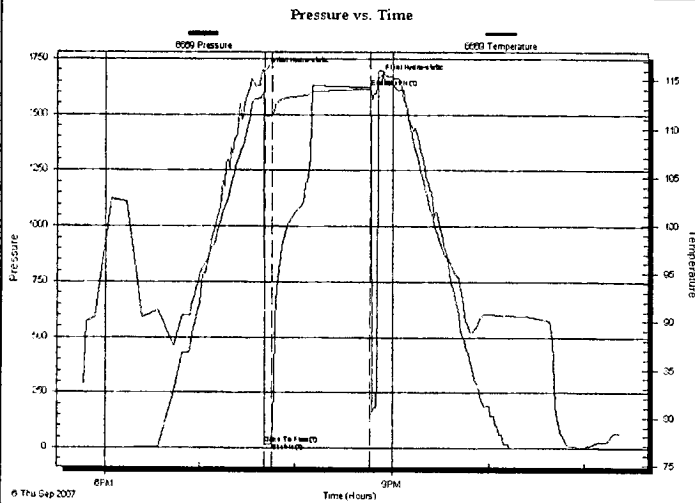
Formation: **Arbuckle**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: 19:40:38
 Time Test Ended: 23:23:08
 Interval: **3406.00 ft (KB) To 3438.00 ft (KB) (TVD)**
 Total Depth: **35000.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**
 Test Type: **Conventional Straddle**
 Tester: **Kyle Kinderknecht**
 Unit No: **31**
 Reference Elevations: **1956.00 ft (KB)**
1951.00 ft (CF)
 KB to GR/CF: **5.00 ft**

Serial #: 6669

Inside

Press@RunDepth: **20.56 psig @ 3424.00 ft (KB)**
 Start Date: **2007.09.06** End Date: **2007.09.06** Capacity: **7000.00 psig**
 Start Time: **17:46:13** End Time: **23:23:07** Last Calib.: **2007.09.07**
 Time On Btm: **2007.09.06 @ 19:40:08**
 Time Off Btm: **2007.09.06 @ 20:51:08**

TEST COMMENT: IF 1 "
 ISI Dead
 FF Packers gave Reset Packers Gave
 FSI



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1694.85	113.59	Initial Hydro-static
1	18.25	111.30	Open To Flow (1)
6	20.56	111.23	Shut-In(1)
66	1621.30	114.06	End Shut-In(1)
71	1662.29	115.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
400.00	Mud	5.61

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

DaMar Resources

Staudinger #1

234 W 11th St
Hays KS 67601

3116 12W Barton KS

Job Ticket: 30546

DST#: 3

ATTN: Jim Musgrove

Test Start: 2007.09.06 @ 17:46:08

Tool Information

Drill Pipe:	Length: 3404.00 ft	Diameter: 3.80 inches	Volume: 47.75 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 53000.00 lb
			<u>Total Volume: 47.75 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3406.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	3438.00 ft			
Interval between Packers:	32.00 ft			
Tool Length:	109.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

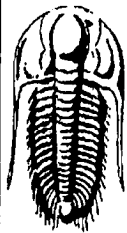
Tool Comments:

Tool Description

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

Change Over Sub	1.00			3392.00	
Shut In Tool	5.00			3397.00	
Hydraulic tool	5.00			3402.00	
Packer	4.00			3406.00	15.00 Bottom Of Top Packer
Stubb	1.00			3407.00	
Perforations	17.00			3424.00	
Recorder	0.00	6669	inside	3424.00	
Perforations	13.00			3437.00	
Recorder	0.00	11084	Outside	3437.00	
Blank Off Sub	1.00			3438.00	
Packer	0.00			3438.00	32.00 Tool Interval
Packer	5.00			3443.00	
Stubb	3.00			3446.00	
Perforations	15.00			3461.00	
Change Over Sub	1.00			3462.00	
Recorder	0.00	13308	Below	3462.00	
Blank Spacing	32.00			3494.00	
Change Over Sub	1.00			3495.00	
Perforations	2.00			3497.00	
Bullnose	3.00			3500.00	62.00 Bottom Packers & Anchor

Total Tool Length: 109.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

DaMar Resources

Staudinger #1

234 W 11th St
Hays KS 67601

3116 12W Barton KS

Job Ticket: 30546

DST#: 3

ATTN: Jim Musgrove

Test Start: 2007.09.06 @ 17:46:08

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: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.16 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
400.00	Mud	5.611

Total Length: 400.00 ft

Total Volume: 5.611 bbl

Num Fluid Samples: 0

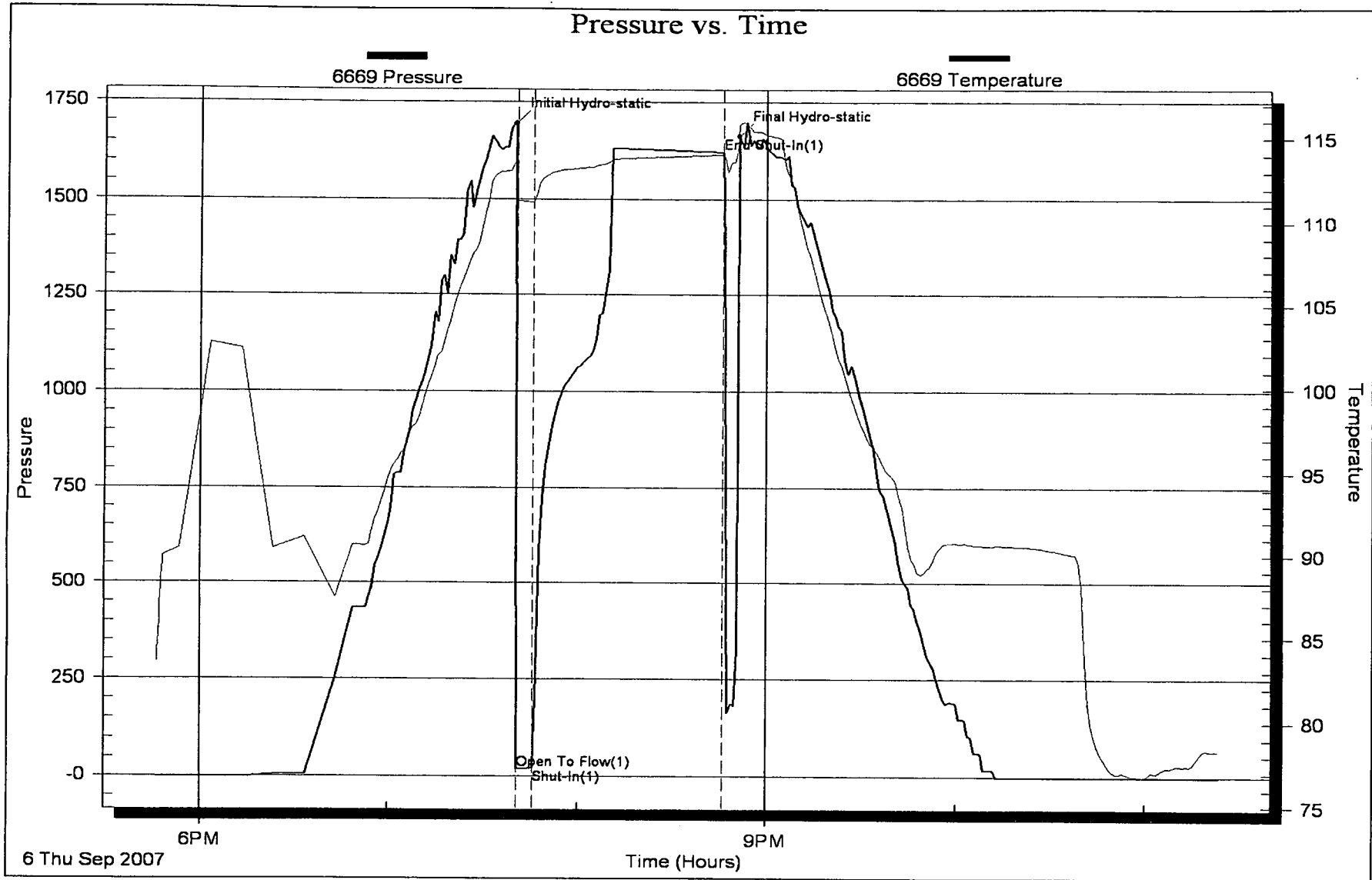
Num Gas Bombs: 0

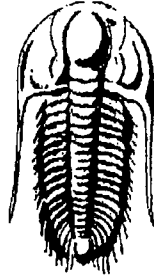
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **DaMar Resources**

234 W 11th St
Hays KS 67601

ATTN: Jim Musgrove

3116 12W Barton KS

Staudinger #1

Start Date: 2007.09.07 @ 00:04:02

End Date: 2007.09.07 @ 07:57:02

Job Ticket #: 30547 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

DaMar Resources

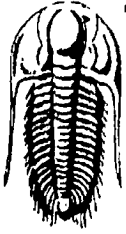
Staudinger #1

3116 12W Barton KS

DST # 4

Arbuckle

2007.09.07



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

DaMar Resources

234 W 11th St
Hays KS 67601

ATTN: Jim Musgrove

Staudinger #1

3116 12W Barton KS

Job Ticket: 30547

DST#: 4

Test Start: 2007.09.07 @ 00:04:02

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:47:02

Time Test Ended: 07:57:02

Test Type: Conventional Straddle

Tester: Kyle Kinderknecht

Unit No: 31

Interval: **3380.00 ft (KB) To 3438.00 ft (KB) (TVD)**

Total Depth: 3500.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1956.00 ft (KB)

1951.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6669 Inside

Press@RunDepth: 46.97 psig @ 3394.00 ft (KB)

Start Date: 2007.09.07

End Date: 2007.09.07

Start Time: 00:04:07

End Time: 07:57:01

Capacity: 7000.00 psig

Last Calib.: 2007.09.07

Time On Btm: 2007.09.07 @ 01:46:32

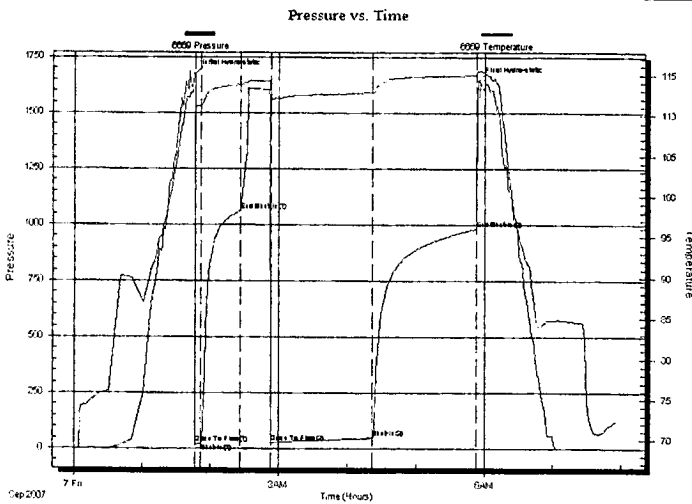
Time Off Btm: 2007.09.07 @ 05:54:32

TEST COMMENT: IF 1 "

ISI Dead

FF 2 "

FSI Dead



PRESSURE SUMMARY

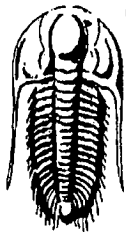
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1675.26	113.42	Initial Hydro-static
1	19.91	110.60	Open To Flow (1)
6	22.79	111.19	Shut-In(1)
40	1062.78	113.74	End Shut-In(1)
67	26.66	112.04	Open To Flow(2)
156	46.97	112.84	Shut-In(2)
246	981.76	114.94	End Shut-In(2)
248	1642.88	115.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
200.00	GIP	2.81
5.00	OIL	0.07
63.00	OCM 40%O 60%M	0.88
2.00	MW 85%W 16%M	0.03

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

DaMar Resources

Staudinger #1

234 W 11th St
Hays KS 67601

3116 12W Barton KS

Job Ticket: 30547

DST#: 4

ATTN: Jim Musgrove

Test Start: 2007.09.07 @ 00:04:02

Tool Information

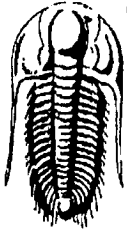
Drill Pipe:	Length: 3368.00 ft	Diameter: 3.80 inches	Volume: 47.24 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 2500.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			Total Volume: 47.24 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3380.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	3438.00 ft			
Interval between Packers:	58.00 ft			
Tool Length:	140.00 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			3361.00	
Shut In Tool	5.00			3366.00	
Hydraulic tool	5.00			3371.00	
Packer	5.00			3376.00	20.00 Bottom Of Top Packer
Packer	4.00			3380.00	
Stubb	1.00			3381.00	
Perforations	12.00			3393.00	
Change Over Sub	1.00			3394.00	
Recorder	0.00	6669	Inside	3394.00	
Blank Spacing	31.00			3425.00	
Change Over Sub	1.00			3426.00	
Perforations	10.00			3436.00	
Recorder	0.00	11084	Outside	3436.00	
Blank Off Sub	2.00			3438.00	58.00 Tool Interval
Packer	0.00			3438.00	
Stubb	3.00			3441.00	
Perforations	20.00			3461.00	
Change Over Sub	1.00			3462.00	
Recorder	0.00	13308	Below	3462.00	
Blank Spacing	32.00			3494.00	
Change Over Sub	1.00			3495.00	
Perforations	2.00			3497.00	
Bullnose	3.00			3500.00	62.00 Bottom Packers & Anchor
Total Tool Length:	140.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

DaMar Resources

Staudinger #1

234 W 11th St
Hays KS 67601

3116 12W Barton KS

Job Ticket: 30547

DST#: 4

ATTN: Jim Musgrove

Test Start: 2007.09.07 @ 00:04:02

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: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.16 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
200.00	GIP	2.805
5.00	OIL	0.070
63.00	OCM 40%O 60%M	0.884
2.00	MW 85%W 16%M	0.028

Total Length: 270.00 ft

Total Volume: 3.787 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

