



KANSAS CORPORATION COMMISSION 1063795
OIL & GAS CONSERVATION DIVISION

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

OPERATOR: License # 6006
Name: Molz Oil Company
Address 1: 19159 SW CLAIMONT
Address 2: _____
City: KIOWA State: KS Zip: 67070 + 8801
Contact Person: JIM MOLZ
Phone: (620) 296-4558
CONTRACTOR: License # 33902
Name: Hardt Drilling LLC
Wellsite Geologist: ARDEN RATZLAFF
Purchaser: ONEOK GAS GATHERING

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 #: _____

05/22/2011	06/06/2011	07/11/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-007-23653-00-00
Spot Description: _____
SE NE SW NW Sec. 1 Twp. 35 S. R. 12 East West
1678 Feet from North / South Line of Section
1015 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Barber
Lease Name: ACHENBACH B Well #: 3
Field Name: STRANATHAN
Producing Formation: MISNER
Elevation: Ground: 1416 Kelly Bushing: 1427
Total Depth: 5537 Plug Back Total Depth: 5532
Amount of Surface Pipe Set and Cemented at: 334 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: _____
feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 1000 ppm · Fluid volume: 1500 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: MOLZ OIL COMPANY
Lease Name: MOLZ SWD License #: 6006
Quarter NW Sec. 6 Twp. 35 S. R. 11 East West
County: BARBER Permit #: D-07771

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.

Submitted Electronically

KCC Office Use ONLY

Letter of Confidentiality Received
Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Deanna Garrison Date: 10/19/2011



1063795

Operator Name: Molz Oil Company Lease Name: ACHENBACH B Well #: 3
 Sec. 1 Twp. 35 S. R. 12 East West County: Barber

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: GEOLOGISTS COMPUTER PROCESSED INTERPRETATION SECTOR BOND/GAMMA RAY CCL	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Attached Attached Attached
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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
CONDUCTOR	12.2500	13.37500	54.5	331	60/40 POZ	325	CELLFLAKE/CALCIUM CL
CASING	7.875	5.50	15.5	5530	AA2	225	DEFOAMER/SALTFLA-322

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing	-			
___ Plug Back TD				
___ 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	5145-5149	3 1/8 HEC	5145-5149

TUBING RECORD: Size: <u>2.3875</u> Set At: <u>5532</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>07/11/2011</u>		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. <u>5</u>	Gas Mcf <u>10</u>	Water Bbls. <u>0</u> Gas-Oil Ratio <u>0</u> Gravity <u>32</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" 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: <u>5145-5149</u>
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Form	ACO1 - Well Completion
Operator	Molz Oil Company
Well Name	ACHENBACH B 3
Doc ID	1063795

Tops

Name	Top	Datum
HEEBNER	3827	3830
LANSING	4364	4368
CHEROKEE	4736	4739
MISSISSIPPIAN	4785	4790
KINDERHOOK	5040	5044
MISNER	5142	5146
VIOLA	5210	5202
ARBUCKLE	5514	5521
TD	5532	5537

BASICSM

ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 04067 A

DATE _____ TICKET NO. _____

NO. OF JOBS 6-7-11	DISTRICT Pratt	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:		
CUSTOMER MOLZ OIL CO.		LEASE Achenbach B		WELL NO. 3					
ADDRESS		COUNTY Barber		STATE KS					
CITY		STATE		SERVICE CREW Sullivan Melson					
AUTHORIZED BY		JOB TYPE: CNW 5 1/2 LS							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	ARR. TIME	TIME
33708 20920	1hr					ARRIVED AT JOB	6-7	6:00 PM	9:30
19940-19862	1hr					START OPERATION	6-7	AM	2:15
37900						FINISH OPERATION	6-7	AM	3:15
						RELEASED	6-7	AM	3:45
						MILES FROM STATION TO WELL			60

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered.)

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: 
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 105	AA2 CEMENT	SK	255		4 335 00
CL 105	De-foamer	lb	1264		192 00
CL 111	sq. ft.	lb	1264		632 00
CL 115	Gas Blkts	lb	240		1236 00
CL 129	FLA 322	lb	192		1440 00
CL 201	Gilsonite	lb	1275		854 25
CF 607	Latch Down Plug	eq	1		400 00
CF 1251	Anti Fill Float shoe	eq	1		360 00
CF 1651	Turbolizer	eq	7		770 00
CF 1901	Basket	eq	2		580 00
C 704	Kcl Substitute	gal	5		175 00
CL 151	Mud Flush	gal	500		430 00
CL 155	Super Flush II	gal	500		765 00
E 100	Mileage Pickup	Mi	50		212 50
E 101	Heavy Equipment Mileage	Mi	100		700 00
E 113	Bulk Delivery	Tm	600		960 00
CE 206	Depth charge	hr	1		2880 00
CE 240	Mixing Charge	SK	255		357 00
CE 504	Plug Container	JOB	1		250 00
S 007	Supervisor	eq	1		175 00
SUB TOTAL					175 00

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		13985 96

SERVICE REPRESENTATIVE:  THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: 

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____



gy services, L.P.

TREATMENT REPORT

Lease No. _____ Date _____
 Well # 3
 Station PRATT KS Casing 5 1/2 Depth 5532 County BARBER State KS
 Order # 7067 Type Job CPW 5 1/2 Longst-y Formation _____ Legal Description 1-35-12

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<u>5 1/2</u>							5 Min.	
Depth <u>5532</u>	Depth	From	To	Pre Pad	Max			
Volume <u>131</u>	Volume	From	To	Pad	Min		10 Min.	
Max Press <u>2000</u>	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection <u>PC</u>	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth <u>5510</u>	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative _____ Station Manager DAVE SCOTT Treater Robert Johnson

Service Units	<u>37900</u>	<u>33708</u>	<u>20920</u>	<u>19960</u>	<u>19862</u>				
Driver Names	<u>Sullivan</u>	<u>Melton</u>	<u>Phye</u>						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<u>0930</u>					<u>on loc soft/mud</u>
					<u>run 131 STS 15.5 5 1/2 csg.</u>
					<u>cut 4, 9, 10, 16, 19, 20 BAdict 2, 13</u>
					<u>circ 1/2 hour 1/2 way in</u>
<u>1:05</u>					<u>CASING on Bottom</u>
<u>1:15</u>					<u>Hook the circ</u>
<u>2:15</u>	<u>150</u>		<u>12</u>	<u>4</u>	<u>St mud flush</u>
			<u>5</u>		<u>SPACER</u>
			<u>12</u>		<u>St Super Flush</u>
			<u>5</u>		<u>SPACER</u>
				<u>5.5</u>	<u>mix cont 225 lb AA-2 cont</u>
			<u>58</u>		<u>Shot down cont mix-dr with Lidz/air</u>
					<u>Release Plug</u>
				<u>6.5</u>	<u>St deep w/ 2% KCL water</u>
	<u>300</u>		<u>86</u>		<u>litt Ps</u>
	<u>800</u>		<u>120</u>	<u>4</u>	<u>Slow rate</u>
<u>3:15</u>	<u>2,100</u>		<u>131</u>		<u>Plug down float HO/B.</u>
			<u>7</u>		<u>May return to sk</u>
					<u>503 Complete</u>



PAGE	CUST NO	INVOICE DATE
1 of 1	1004016	05/30/2011
INVOICE NUMBER		
1718 - 90607649		

Pratt (620) 672-1201

B MOLZ OIL CO
 I 19159 SW CLAIRMONT
 L KIOWA
 L KS US 67070
 T
 O ATTN:

29100

J LEASE NAME Achenbach B 3
 O LOCATION
 B COUNTY Barber
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40325034	19905	505060	Net - 30 days	06/29/2011

For Service Dates: 05/23/2011 to 05/23/2011

0040325034

171804216A Cement-New Well Casing/Pi 05/23/2011
 13 3/8" Conductor

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
60/40 POZ	325.00	EA	9.24	3,003.00 T
Cello-flake(POLEFLAKE-C)	82.00	EA	2.85	233.62 T
Calcium Chloride	840.00	EA	0.81	679.14 T
Heavy Equipment Mileage	100.00	MI	5.39	539.00
Proppant and Bulk Delivery Charge	700.00	MI	1.23	862.40
Blending & Mixing Service Charge	325.00	MI	1.08	350.35
Unit Mileage Charge-Pickups, Vans & Cars	50.00	HR	3.27	163.62
Depth Charge; 0-500'	1.00	HR	770.00	770.00
Service Supervisor	1.00	HR	134.75	134.75

6 Ad
 6-8-11
 ck 22342

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	6,735.88
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	285.85
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	7,021.73
DALLAS, TX 75284-1903	MIDLAND, TX 79702		

BASIC

energy services, L.P.

TREATMENT REPORT

Customer: Mud Oil Co. Lease No. _____ Date: 5-23-11
 Lease: Achachach Well # B-3
 Field Order # 1776 Station Pratt Casing 1 5/8 Depth 3311 County Bamber State KS
 Type Job CNW 1 3/4 Conduct Formation _____ Legal Description -35-17

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
								5 Min.
Depth	Depth	From	To	Pre Pad		Max		10 Min.
Volume	Volume	From	To	Pad		Min		15 Min.
Max Press	Max Press	From	To	Frac		Avg		Annulus Pressure
Well Connection	Annulus Vol.	From	To			HHP Used		Total Load
Plug Depth	Packer Depth	From	To	Flush	<u>50</u>	Gas Volume		

Customer Representative: Scott Station Manager Steve Scott Treater Steve Williams

Service Units	Driver Names	Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<u>07025</u>	<u>Dylan</u>	<u>9:00 PM</u>					<u>On location - 5-23-11</u>
<u>1786</u>	<u>Winters</u>						<u>Run 2 3/4" 13 7/8" casing</u>
<u>1795</u>	<u>R</u>						<u>1 1/2" T + 2 3/4" 1 1/2"</u>
<u>17896</u>	<u>Norm</u>						<u>Break Circ 6 1/2" P.S.</u>
<u>17860</u>							<u>ADJ. Ahead</u>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
			<u>3</u>	<u>5</u>	
<u>10:00</u>	<u>150</u>		<u>70</u>	<u>5</u>	<u>Mix 525 lb. 60/40 P.O.S. 14.5%</u>
<u>11:04 PM</u>	<u>2</u>		<u>2</u>	<u>5</u>	<u>Stop - 11:20 PM - 11:25 PM</u>
<u>11:12 PM</u>	<u>2:50</u>		<u>38</u>	<u>5</u>	<u>Continue to Surface</u>
<u>11:15 PM</u>	<u>2:50</u>		<u>50</u>	<u>11</u>	<u>Plus Down</u>
					<u>Calculate 11:10 PM</u>
					<u>recalculated 1/2 mbc 1 1/2"</u>
					<u>Job Complete</u>
					<u>Thank you</u>

Arden Ratzlaff

PETROLEUM GEOLOGIST

Phone: 262-8938

107 N. Market 808 Bitting Bldg. Wichita, KS 67202

DRILLING TIME
AND
SAMPLE LOG

COMPANY MOLZ OIL COMPANY

LEASE ACHENBACH B#3

FIELD STRANATHAN

LOCATION SE NE SW NW

SECTION 1 TOWNSHIP 35S RANGE 12W

COUNTY BARBER STATE KANSAS

ELEVATIONS

KB 1427

DF 1425

GL 1417

Measurements Are All
From K. B.

CASING

1 3/8" @ 532' w. 425 SX

5/2" @ 5530 w. 225 SX

CONTRACTOR HARDT DRILLING RIG NO. 1

COMMENCED DRILLING 5-22-11

COMPLETED DRILLING 6-06-11

RTD 5532 FEET LTD 5537 FEET

MUD UP AT 3163 FEET MUD TYPE CHEMICAL

ELECTRICAL SURVEYS

LOG-TECH - GAMMA RAY, DUAL
INDUCTION, COMPENSATED NEUTRON
† DENSITY, S.P. & CALIPER

FORMATION TOPS

SAMPLE

ELECTRIC LOG

HEEBNER	3827 (-2400)	3830 (-2403)
LANSING	4364 (-2957)	4368 (-2941)
CHEBOKEE	4736 (-3309)	4739 (-3312)
MISSISSIPPIAN	4785 (-3358)	4790 (-3363)
KINDERHOOK	5040 (-3513)	5044 (-3517)
VIOLA <i>Misner 5142</i>	5210 (-3783)	5202 (-3775)
SIMPSON	5291 (-3864)	5295 (-3868)
SIMPSON SAND	5313 (-3886)	5318 (-3891)
ARBUCKLE	5514 (-4087)	5521 (-4094)
TOTAL DEPTH	5532 (-4105)	5537 (-4110)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Motz Oil Co
19159 SW Clairmont
Gow a, KS 67070
ATTN: Arden Ratzlaff

Achenbach B #3
1-35S-12W Barber
Job Ticket: 042452 DST#: 2
Test Start: 2011.06.04 @ 10:20:58

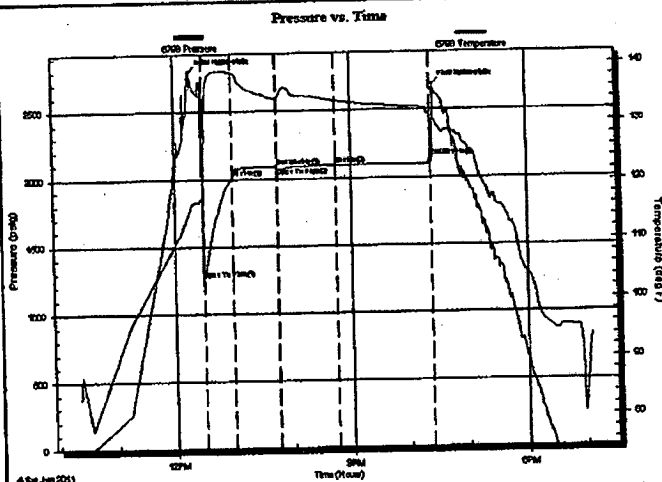
GENERAL INFORMATION:

Formation: **Simpson**
Deviated: **No Whipstock** ft (KB)
Time Tool Opened: 12:29:28
Time Test Ended: 19:05:43
Interval: **5280.00 ft (KB) To 5334.00 ft (KB) (TVD)**
Total Depth: **5334.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Good**

Test Type: **Conventional Bottom Hole**
Tester: **Leal Cason**
Unit No: **45**
Reference Elevations: **1927.00 ft (KB)**
1917.00 ft (CF)
KB to GR/CF: **10.00 ft**

Serial #: **6798** Inside
Press@RunDepth: **2092.57 psig @ 5261.00 ft (KB)**
Start Date: **2011.06.04** End Date: **2011.06.04**
Start Time: **10:20:58** End Time: **19:05:43**
Capacity: **8000.00 psig**
Last Calib.: **2011.06.04**
Time On Btm: **2011.06.04 @ 12:15:58**
Time Off Btm: **2011.06.04 @ 16:24:43**

TEST COMMENT: IF: Strong Blow, BOB in 30 seconds
IS: Bled Off, No Blow back
FF: Strong Blow, BOB in 90 seconds
FS: Bled Off, No Blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2794.59	115.26	Initial Hydro-static
14	1264.70	123.41	Open To Flow (1)
44	2011.94	138.74	Shut-in (1)
89	2089.15	134.22	End Shut-in (1)
89	2017.58	134.18	Open To Flow (2)
149	2092.57	133.72	Shut-in (2)
246	2142.00	130.96	End Shut-in (2)
249	2682.68	130.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3870.00	Salt Water	53.19
360.00	MCW 40% M 60% W	5.05
180.00	WCM 30% W 70% M	2.52

Gas Rates

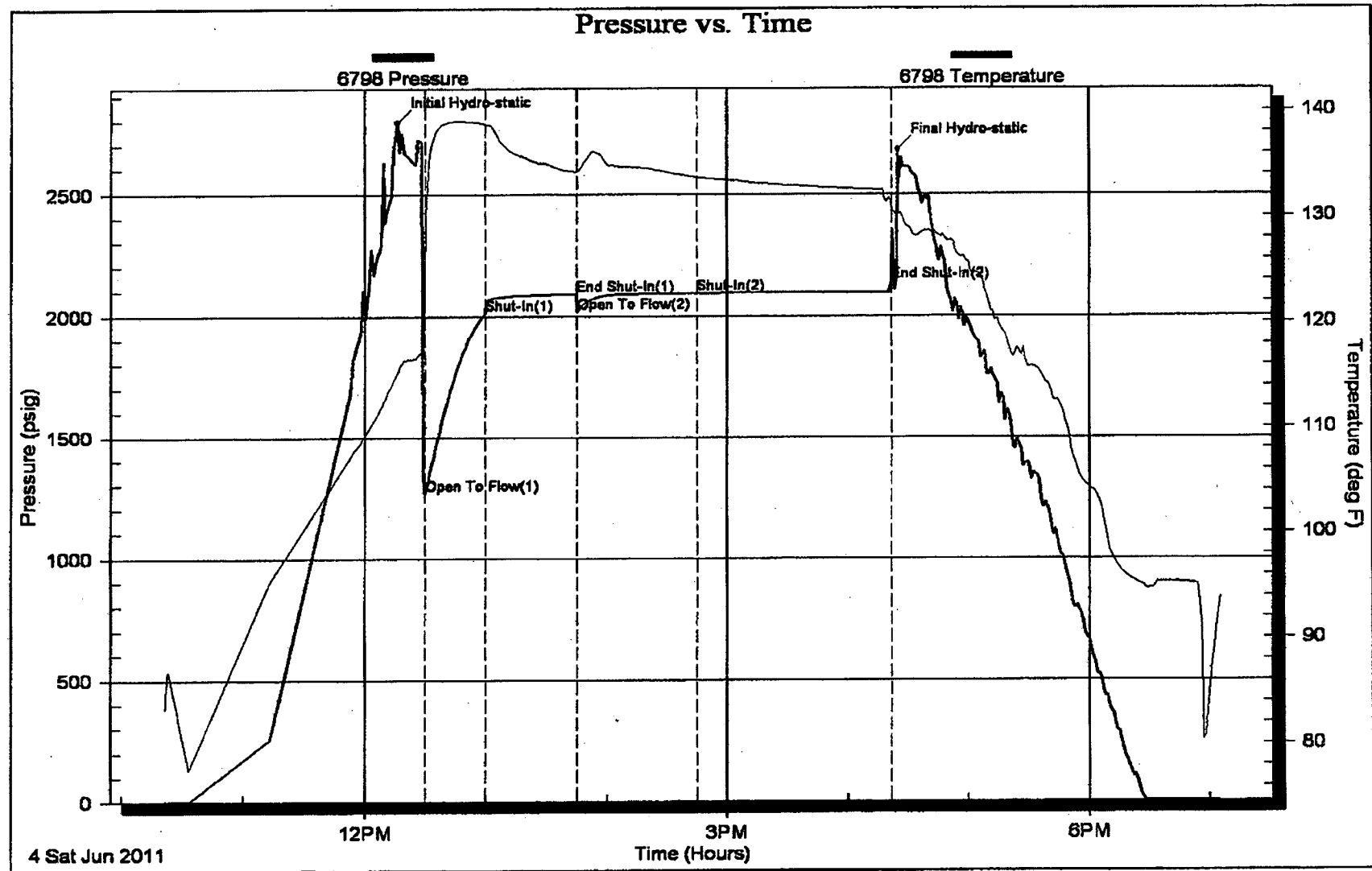
	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

Serial #: 6798

Inside Molz Oil Co

1-35S-12W Barber

DST Test Number: 2





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 042452

Well Name & No. Achenbach B # 3 Test No. 2 Date 06/04/11
 Company Molz Oil Co. Elevation 1927 KB 1917 GL
 Address 19159 SW Clairmont Kiowa, KS 67070
 Co. Rep / Geo. Arden Ratzlaff Rig Hardt Rig # 1
 Location: Sec. 1 Twp. 35S Rge. 12W Co. Barber State KS

Interval Tested 5260 - 5334 Zone Tested SIMPSON
 Anchor Length 74 Drill Pipe Run 5124 Mud Wt. 9.2
 Top Packer Depth 5255 Drill Collars Run 120 Vis 71
 Bottom Packer Depth 5260 Wt. Pipe Run 0 WL 9.4
 Total Depth 5334 Chlorides 5000 ppm System LCM 6#

Blow Description IF: Strong Blow, BOB in 30 seconds
ISI: Bled off, NO Blowback
FF: Strong Blow, BOB in 90 seconds
EST: Bled off, NO Blowback

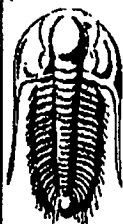
Rec	Feet of	%gas	%oil	%water	%mud
<u>180</u>	<u>WCM</u>			<u>30</u>	<u>70</u>
<u>360</u>	<u>MCW</u>			<u>60</u>	<u>40</u>
<u>3870</u>	<u>WATER</u>				
Rec Total	<u>4410</u>	BHT <u>130°</u>	Gravity <u>N/C</u>	API RW <u>.08 @ 85 °F</u>	Chlorides <u>85000</u> ppm

(A) Initial Hydrostatic 2794 Test 09:45 T-On Location
 (B) First Initial Flow 1265 Jars 10:20 T-Started
 (C) First Final Flow 2012 Safety Joint 12:29 T-Open
 (D) Initial Shut-In 2089 Circ-Sub 16:21 T-Pulled
 (E) Second Initial Flow 2017 Hourly Standby 19:05 T-Out
 (F) Second Final Flow 2092 Mileage 110 Comments
 (G) Final Shut-In 2142 Sampler
 (H) Final Hydrostatic 2683 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies
 Extra Recorder
 Day Standby
 Accessibility
 Sub Total

Initial Open 30
 Initial Shut-In 45
 Final Flow 60
 Final Shut-In 90
 Sub Total
 Total
 MP/DST Disc't

Approved By Arden Ratzlaff Our Representative [Signature]

Triobite 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

DRILL STEM TEST REPORT

Molz Oil Co
 19159 SW Clairmont
 Kiowa, KS 67070
 ATTN: Arden Ratzlaff

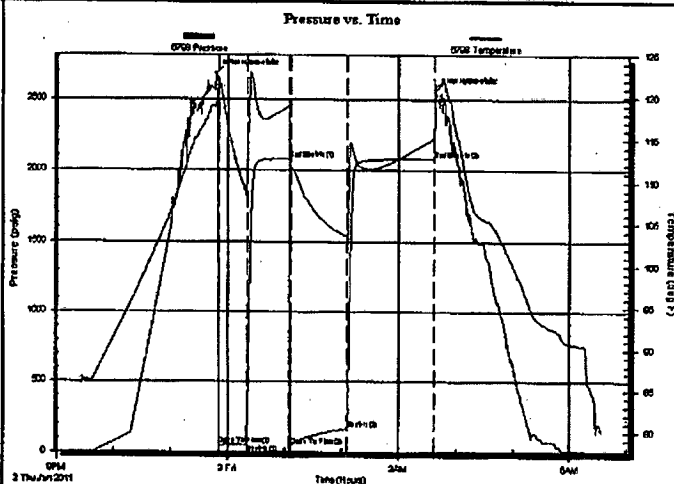
Achenbach B #3
1-35S-12W Barber
 Job Ticket: 042451 DST#: 1
 Test Start: 2011.06.02 @ 21:25:39

GENERAL INFORMATION:

Formation: **Misener**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 23:49:54
 Time Test Ended: 06:35:24
 Interval: **5136.00 ft (KB) To 5150.00 ft (KB) (TVD)**
 Total Depth: **5150.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Leal Cason
 Unit No: 45
 Reference Elevations: **1927.00 ft (KB)**
1917.00 ft (CF)
 KB to GRVCF: **10.00 ft**

Serial #: 6798 Inside
 Press@RunDepth: **185.81 psig @ 5137.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2011.06.02** End Date: **2011.06.03** Last Calib.: **2011.06.03**
 Start Time: **21:25:40** End Time: **06:35:24** Time On Btm: **2011.06.02 @ 23:46:39**
 Time Off Btm: **2011.06.03 @ 03:37:54**

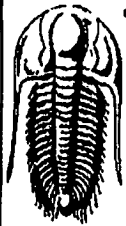
TEST COMMENT: IF: Strong Blow, BOB in 30 seconds, GTS in 13 minutes, Gauged Gas
 IS: Bled Off, No Blow back
 FF: Strong Blow, BOB & GTS Immediate, Gauged Gas
 FS: Bled Off, No Blow back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2678.95	119.09	Initial Hydro-static
4	52.76	121.98	Open To Flow (1)
33	53.34	108.53	Shut-in(1)
79	2081.08	119.01	End Shut-in(1)
80	45.27	111.43	Open To Flow (2)
140	165.81	103.61	Shut-in(2)
230	2083.46	115.14	End Shut-in(2)
232	2558.89	120.99	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
0.00	4888 Feet GIP	0.00
60.00	GSY OWCM 24%G 24%O 24%W 28%M	0.30
170.00	GSY OCM 15%G 15%O 70%M	1.84

Gas Rates			
	Choke (Inches)	Pressure (psig)	Gas Rate (Mc/d)
First Gas Rate	0.50	4.00	124.80
Last Gas Rate	0.25	72.00	137.22
Max. Gas Rate	0.25	72.00	137.22



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Molz Oil Co

Achenbach B #3

19159 SW Clairmont
Klowa, KS 67070

1-35S-12W Barber

Job Ticket: 042451

DST#: 1

ATTN: Arden Ratzlaff

Test Start: 2011.06.02 @ 21:25:39

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:

98000 ppm

Viscosity: 66.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Sallnity: 4000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
0.00	4888 Feet GIP	0.000
60.00	GSY OWCM 24%G 24%O 24%W 28%M	0.295
170.00	GSY OCM 15%G 15%O 70%M	1.838

Total Length: 230.00 ft

Total Volume: 2.133 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW was .08 @ 70 degrees



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Molz Oil Co

Achenbach B #3

19159 SW Clairmont
Kiowa, KS 67070

1-35S-12W Barber

Job Ticket: 042451

DST#: 1

ATTN: Arden Ratzlaff

Test Start: 2011.06.02 @ 21:25:39

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	20	0.50	4.00	124.80
1	30	0.50	4.00	124.80
2	10	0.25	22.00	57.90
2	20	0.25	38.00	83.29
2	30	0.25	50.00	102.32
2	40	0.25	50.00	102.32
2	50	0.25	68.00	130.88
2	60	0.25	72.00	137.22

