



KANSAS CORPORATION COMMISSION 1065483
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 CLAIRMONT
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 RATSLAFF
Purchaser: ONEOK/COFFEEVILLE RESOURCES

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 #: _____

06/09/2011	06/21/2011	07/08/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-007-23696-00-00
Spot Description: NW/4 NW/4 C NESWNWNW
NE SW NW NW Sec. 1 Twp. 35 S. R. 12 East West
970 Feet from North / South Line of Section
560 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Barber
Lease Name: ACHENBACH Well #: B4
Field Name: STRANATHAN
Producing Formation: MISSISSIPPI
Elevation: Ground: 1420 Kelly Bushing: 1421
Total Depth: 5263 Plug Back Total Depth: 5263
Amount of Surface Pipe Set and Cemented at: 330 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: 10000 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



1065483

Operator Name: Molz Oil Company Lease Name: ACHENBACH Well #: B4
 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: Attached	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>HEEBNER</td> <td>3838</td> <td>4371</td> </tr> <tr> <td>LANSING</td> <td>4371</td> <td>4524</td> </tr> <tr> <td>CHEROKEE</td> <td>4742</td> <td>4793</td> </tr> <tr> <td>MISSISSIPPIAN</td> <td>4793</td> <td>5049</td> </tr> <tr> <td>VIOLA</td> <td>5213</td> <td>5267</td> </tr> <tr> <td>TOTAL DEPTH</td> <td>5267</td> <td>5267</td> </tr> </table>	Name	Top	Datum	HEEBNER	3838	4371	LANSING	4371	4524	CHEROKEE	4742	4793	MISSISSIPPIAN	4793	5049	VIOLA	5213	5267	TOTAL DEPTH	5267	5267
Name	Top	Datum																				
HEEBNER	3838	4371																				
LANSING	4371	4524																				
CHEROKEE	4742	4793																				
MISSISSIPPIAN	4793	5049																				
VIOLA	5213	5267																				
TOTAL DEPTH	5267	5267																				

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	17.500	13.375	48	330	60/40 POZ	325	CELLOFLAKE
CASING	7.875	5.50	15.5	5263	AA2	255	10% SALT

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 <i>(Amount and Kind of Material Used)</i>	Depth
4	4794/4818	180000 GAL SLICKWATER	4818
4	4820/4832	645000 GAL SLICKWATER	4832

TUBING RECORD:	Size: <u>5.50</u>	Set At: <u>5263</u>	Packer At: <u>NA</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>08/01/2011</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>40</u>	Gas Mcf <u>10</u>	Water Bbls. <u>50</u>	Gas-Oil Ratio <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)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4794-4832</u>
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Form	ACO1 - Well Completion
Operator	Molz Oil Company
Well Name	ACHENBACH B4
Doc ID	1065483

All Electric Logs Run

DRILLING TIME AND SAMPLE LOG
DUAL INDUCTION LOG
DUAL COMPENSATED POROSITY LOG
COMPUTER PROCESSED INTERPRETATION



PAGE 1 of 1	CUST NO 1004016	INVOICE DATE 06/23/2011
INVOICE NUMBER 1718 - 90628133		

Pratt (620) 672-1201

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

J LEASE NAME Achenbach B 4
O LOCATION
B COUNTY Barber
S STATE KS
I JOB DESCRIPTION Cement-New Well Casing/Pi
T JOB CONTACT
E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40334823	19842		Net - 30 days	07/23/2011
<i>For Service Dates: 06/21/2011 to 06/21/2011</i>				
0040334823	505060			
171804602A Cement-New Well Casing/Pi 06/21/2011 5 1/2" Longstring				
AA2 Cement	255.00	EA	13.43	3,424.64 T
De-foamer (Powder)	48.00	EA	3.16	151.68 T
Salt (Fine)	1,264.00	EA	0.40	499.28 T
Gas-Blok	240.00	EA	4.07	976.44 T
FLA-322	192.00	EA	5.93	1,137.60 T
Gilsonite	1,275.00	EA	0.53	674.86 T
Latch Down Plug & Baffle 5 1/2" (Blue)	1.00	EA	316.00	316.00
Auto Fill Float Shoe 5 1/2" (Blue)	1.00	EA	284.40	284.40
Turbolizer 5 1/2" (Blue)	7.00	EA	86.90	608.30
5 1/2" Basket (Blue)	2.00	EA	229.10	458.20
CS-1L KCL Substitute	5.00	EA	27.65	138.25 T
Mud Flush	500.00	EA	0.68	339.70 T
Super Flush II	500.00	EA	1.21	604.35 T
Unit Mileage Charge-Pickups, Vans & Cars	50.00	HR	3.36	167.88
Heavy Equipment Mileage	100.00	MI	5.53	553.00
Proppant and Bulk Delivery Charges	600.00	MI	1.26	758.40
Depth Charge; 5001-6000'	1.00	HR	2,275.20	2,275.20
Blending & Mixing Service Charge	255.00	MI	1.11	282.03
Plug Container Utilization Charge	1.00	EA	197.50	197.50
Supervisor	1.00	HR	138.25	138.25
PLEASE REMIT TO:		SEND OTHER CORRESPONDENCE TO:		
BASIC ENERGY SERVICES, LP		BASIC ENERGY SERVICES, LP		SUB TOTAL 13,985.96
PO BOX 841903		PO BOX 10460		TAX 580.12
DALLAS, TX 75284-1903		MIDLAND, TX 79702		INVOICE TOTAL 14,566.08

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 04602 A

DATE _____ TICKET NO. _____

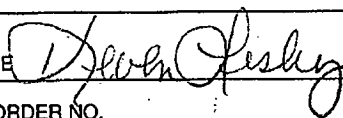
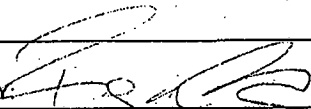
DATE OF JOB: 6-21-2011 DISTRICT: PRATT, Ks.		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:						
CUSTOMER: MOLZ OIL CO.		LEASE: ACHENBACH 'B' WELL NO. 4						
ADDRESS:		COUNTY: BARBER STATE: Ks.						
CITY: STATE:		SERVICE CREW: LESLEY, MITCHELL, BRUNGARDT, LAWRENCE						
AUTHORIZED BY:		JOB TYPE: CNW-5 1/2" L.S.						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	ARR. TIME
19870	2					6-20-11	6:00	AM
19889-19842	2							PM 10:45
19831-21010	2						6-21-11	AM 3:30
								AM 5:30
								AM 6:00
						RELEASED		
						MILES FROM STATION TO WELL	50	

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
CC 105	DE-FOAMER	lb	48		192.00
CC 111	SALT	lb	1264		632.00
CC 115	GAS-BLOK	lb	240		1,236.00
CC 129	FLA-322	lb	192		1,440.00
CC 201	GILSONITE	lb	1275		854.25
CF 1007	LATCHDOWN PLUG & BAFFLE 5 1/2"	EA	1		400.00
CF 1251	AUTO FILL FLOAT 'SHOE', 5 1/2"	EA	1		360.00
CF 11051	TURBOLIZER, 5 1/2"	EA	7		770.00
CF 1901	BASKET, 5 1/2"	EA	2		580.00
C 704	CS-IL, KCL SUBSTITUTE	GAL	5		175.00
CC 151	MUDEFLUSH	GAL	500		430.00
CC 155	SUPERFLUSH II	GAL	500		765.00
E 100	PICKUP MILEAGE	MI	50		212.50
E 101	HEAVY EQUIPMENT MILEAGE	MI	100		700.00
E 113	BULK DELIVERY CHARGE	TM	600		960.00
CE 206	DEPTH CHARGE; 5001-6000'	HRS	1-4		2,880.00
CE 240	BLENDING SERVICE CHARGE	SK	255		357.00
CE 504	PLUG CONTAINER CHARGE	JOB	1		250.00
S 003	SERVICE SUPERVISOR	EA	1		
					9175.00 SUB TOTAL
CHEMICAL / ACID DATA:					13,985
SERVICE & EQUIPMENT					%TAX ON \$
MATERIALS					%TAX ON \$
					TOTAL

SERVICE REPRESENTATIVE: 	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: 
FIELD SERVICE ORDER NO.	(WELL OWNER OPERATOR CONTRACTOR OR AGENT)



PAGE 1 of 1	CUST NO 1004016	INVOICE DATE 06/13/2011
INVOICE NUMBER 1718 - 90619142		

Pratt (620) 672-1201
 B MOLZ OIL CO
 I 19159 SW CLAIRMONT
 L KIOWA
 L KS US 67070
 T
 O ATTN:

J LEASE NAME Achenbach **B 4**
 O LOCATION
 B COUNTY Barber
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T
 B JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE	
40330690	20920		Net - 30 days	07/13/2011	
<i>For Service Dates: 06/10/2011 to 06/10/2011</i>					
0040330690	505060				
171804071A Cement-New Well Casing/Pi 06/10/2011 13 3/8" Conductor					
60/40 POZ		325.00	EA	9.24	3,003.00 T
Cello-flake		82.00	EA	2.85	233.62 T
Calcium Chloride		840.00	EA	0.81	679.14 T
Unit Mileage Charge-Pickups, Vans & Cars		50.00	HR	3.27	163.62
Heavy Equipment Mileage		100.00	MI	5.39	539.00
Proppant and Bulk Delivery Charges		700.00	MI	1.23	862.40
Depth Charge; 0-500'		1.00	HR	770.00	770.00
Blending & Mixing Service Charge		325.00	MI	1.08	350.35
Supervisor		1.00	HR	134.75	134.75

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		



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 04071 A

DATE _____ TICKET NO. _____

DATE OF JOB <u>6-10-11</u> DISTRICT <u>PRA TT KS</u>		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 <u>MOLZ OIL</u>		LEASE <u>ACHENRACH B 4</u> WELL NO.				
ADDRESS _____		COUNTY <u>BARBER</u> STATE <u>KS</u>				
CITY _____ STATE _____		SERVICE CREW <u>Sullivan, Malson, McPherson</u>				
AUTHORIZED BY _____		JOB TYPE: <u>CNW 13 3/8 CONTRACTOR</u>				
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED <u>6-9-11</u> DATE <u>AM 8:00</u> TIME
<u>33708-20920</u>	<u>3.0</u>					ARRIVED AT JOB <u>AM 9:00</u>
<u>19826-19860</u>	<u>3.0</u>					START OPERATION <u>6-10-11</u> <u>AM 1:15</u>
<u>37900</u>						FINISH OPERATION <u>6-10-11</u> <u>AM 1:45</u>
						RELEASED <u>6-10-11</u> <u>AM 2:15</u>
						MILES FROM STATION TO WELL <u>50</u>

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: [Signature]
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 103	60/40 P22 core	SK	325		3,900.00
CC 102	Cellulose	lb	82		303.40
CC 109	Calcium chloride	lb	840		882.00
E 100	Heavy grade mls	mi	50		212.50
E 101	Heavy grade mls	mi	100		700.00
E 113	Bulk Oiling	mi	700		1,120.00
CE 200	Depth Gauge	EA	1		1,000.00
CE 240	Blending Mixing	SK	325		455.00
S 003	Service Separator	SP	1		175.00

SUB-TOTAL

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	

Thank you
TOTAL DLS 6,735.88

CHEMICAL / ACID DATA:			

SERVICE REPRESENTATIVE [Signature] THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____

Arden Ratzlaff

PETROLEUM GEOLOGIST

Phone: 262-8938

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

DRILLING TIME
AND
SAMPLE LOG

COMPANY MOLZ OIL COMPANY

LEASE ACHENBACH B4

FIELD STRANATHAN

LOCATION NE SW NW NW

SECTION 1 TOWNSHIP 35S RANGE 12W

COUNTY BARBER STATE KANSAS

ELEVATIONS

KB 1421

DF 1419

GL 1411

Measurements Are All
From K.B.

CONTRACTOR HARDT DRILLING RIG NO. 1

COMMENCED DRILLING 6-9-11

COMPLETED DRILLING 6-21-11

RTD 5167 FEET LTD 5164 FEET

MUD UP AT 3369 FEET MUD TYPE CHEMICAL

CASING

13 3/4" @ 330' W. 325 SX.

5 1/2" @ 5260' W. 225 SX.

ELECTRICAL SURVEYS

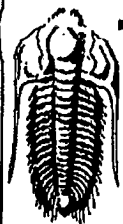
LOG-TECH: GAMMA RAY
DUAL INDUCTION, COMPENSATED
NEUTRON & DENSITY, S.P. & CALIPER

FORMATION TOPS

SAMPLE

ELECTRIC LOG

HEEBNER	3838 (2417)	3834 (2413)
LANSING	4371 (2950)	4366 (2945)
STARK	4524 (3103)	4519 (3098)
CHEROKEE	4742 (3321)	4736 (3315)
MISSISSIPPIAN	4793 (3372)	4793 (3372)
KINDERHOOK	5049 (3628)	5042 (3621)
CHATTANOOGA	5124 (3703)	5119 (3698)
VIOLA	5213 (3792)	5200 (3779)
TOTAL DEPTH	5267 (3846)	5263 (3842)



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Molz Oil Company
19159 SW Clairmont
Kiowa KS 67070

Achenbach # B-4
1-35s-12w
Job Ticket: 37494 DST#: 1
Test Start: 2011.06.19 @ 09:42:10

ATTN: Jim Molz / Arden RatzlKiowa KS 67070

GENERAL INFORMATION:

Formation: **Misener**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 13:05:25
Time Test Ended: 18:10:25

Test Type: Conventional Bottom Hole
Tester: Chris Staats
Unit No: 34

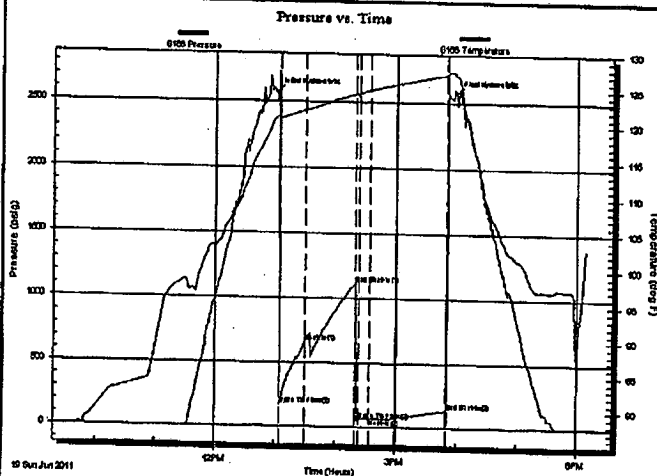
Interval: **5146.00 ft (KB) To 5160.00 ft (KB) (TVD)**
Total Depth: **5160.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: Fair

Reference Elevations: **1421.00 ft (KB)**
1411.00 ft (CF)
KB to GR/CF: **10.00 ft**

Serial #: **8166** Outside
Press@RunDepth: **65.30 psig @ 5147.00 ft (KB)**
Start Date: **2011.06.19** End Date: **2011.06.19**
Start Time: **09:42:15** End Time: **18:10:24**

Capacity: **8000.00 psig**
Last Calib.: **2011.06.19**
Time On Btm: **2011.06.19 @ 13:01:25**
Time Off Btm: **2011.06.19 @ 15:59:25**

TEST COMMENT: IF: Weak surface blow
IS: No blow back
FF: No blow
FSI: No blow back



PRESSURE SUMMARY

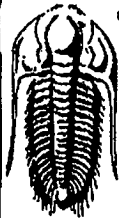
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2572.31	121.03	Initial Hydro-static
4	170.44	120.93	Open To Flow (1)
29	663.29	122.08	Shut-In(1)
78	1116.83	124.39	End Shut-In(1)
82	62.35	123.73	Open To Flow (2)
93	65.30	124.93	Shut-In(2)
169	138.20	127.18	End Shut-In(2)
178	2575.50	127.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	mudd 100%	0.30

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Molz Oil Company

Achenbach # B-4

19159 SW Clairmont
Kiowa KS 67070

1-35s-12w

Job Ticket: 37494

DST#: 1

ATTN: Jim Molz / Arden RatzlKiowa KS 67070

Test Start: 2011.06.19 @ 09:42:10

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: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.18 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4700.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	mudd 100%	0.295

Total Length: 60.00 ft

Total Volume: 0.295 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

