



KANSAS CORPORATION COMMISSION 1056647  
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-COFFEEVILLE RESOURCES

Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     WSW     SWD     SLOW  
 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 #: \_\_\_\_\_  
04/02/2011    04/14/2011    05/05/2011  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 15-007-23652-00-00  
Spot Description: NE SW NE SW NESWNESW  
NE SW NE SW Sec. 31 Twp. 34 S. R. 11  East  West  
1825 Feet from  North /  South Line of Section  
1870 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Barber  
Lease Name: MOLZ Well #: 16  
Field Name: STRANTHAN  
Producing Formation: MISSISSIPPIAN  
Elevation: Ground: 1367 Kelly Bushing: 1377  
Total Depth: 5417 Plug Back Total Depth: 5417  
Amount of Surface Pipe Set and Cemented at: 344 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: 4500 ppm Fluid volume: 61 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 Gerriso Date: 06/06/2011



1056647

Operator Name: Molz Oil Company Lease Name: MOLZ Well #: 16  
 Sec. 31 Twp. 34 S. R. 11  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 Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name Attached	Top Attached	Datum Attached
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 (If no, Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				
DRILLING TIME AND SAMPLE LOG DUAL INDUCTION LOG COMPENSATED DENSITY/NEUTRON PE LOG				

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 CASING	7.875	13.375	48	344	60/40 POZ	325	CELLO-FLAKE/CALCIUM CHLORIDE
CASING	7.875	1.5	15.50	5415	AA2	225	FLA-322/SALT/DE-FOAMER

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	4716-4732	190000 GAL SLICKWATER	4716
4	4746-4756	726000 GAL SLICKWATER	4746

TUBING RECORD:	Size: <u>2.875</u>	Set At: <u>5051</u>	Packer At: <u>NONE</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>05/09/2011</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>120</u>	Gas Mcf <u>1</u>	Water Bbls. <u>100</u>	Gas-Oil Ratio <u>28</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. (Submit ACO-5) <input type="checkbox"/> Commingled (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4716</u> <u>4756</u>
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Form	ACO1 - Well Completion
Operator	Molz Oil Company
Well Name	MOLZ 16
Doc ID	1056647

Tops

HEEBNER	3739	3740
LANSING	4389	4389
CHEROKEE	4660	4659
MISSISSIPPIAN	4712	4713
KINDERHOOK	4945	4947
VIOLA	5108	5102
SIMPSON	5200	5203
SIMPSON SAND	5225	5226
ARBUCKLE	5397	5398
TD	5417	5417



PAGE 1 of 1	CUST NO 1004016	INVOICE DATE 04/19/2011
INVOICE NUMBER 1718 - 90573271		

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

J LEASE NAME Molz 16  
 O B 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	
40309387	19842		Net - 30 days	05/19/2011	
<b>For Service Dates: 04/15/2011 to 04/15/2011</b>					
0040309387					
171803962A Cement-New Well Casing/Pi 04/15/2011 5 1/2" Longstring ✓					
AA2 Cement	510030	255.00	EA	13.09	3,337.95 T
De-foamer (Powder)		48.00	EA	3.08	147.84 T
Salt (Fine)		1,264.00	EA	0.39	486.64 T
Gas-Blok		240.00	EA	3.97	951.72 T
FLA-322		192.00	EA	5.78	1,108.80 T
Gilsonite		1,275.00	EA	0.52	657.77 T
Latch Down Plug & Baffle 5 1/2" (Blue)		1.00	EA	308.00	308.00
Auto Fill Float Shoe 5 1/2" (Blue)		1.00	EA	277.20	277.20
Turbolizer 5 1/2" (Blue)		7.00	EA	84.70	592.90
5 1/2" Basket (Blue)		2.00	EA	223.30	446.60
CS-1L KCL Substitute		5.00	EA	26.95	134.75 T
Mud Flush		500.00	EA	0.66	331.10 T
Super Flush II		500.00	EA	1.18	589.05 T
Unit Mileage Charge-Pickups, Vans & Cars		50.00	HR	3.27	163.63
Heavy Equipment Mileage		100.00	MI	5.39	539.00
Proppant and Bulk Delivery Charges		600.00	MI	1.23	739.20
Depth Charge; 5001-6000'		1.00	HR	2,217.60	2,217.60
Blending & Mixing Service Charge		255.00	MI	1.08	274.89
Plug Container Utilization Charge		1.00	EA	192.50	192.50
Supervisor		1.00	HR	134.75	134.75
<i>CK 22236 4-28-11</i>					
PLEASE REMIT TO:		SEND OTHER CORRESPONDENCE TO:			
BASIC ENERGY SERVICES, LP		BASIC ENERGY SERVICES, LP		SUB TOTAL	13,631.89
PO BOX 841903		PO BOX 10460		TAX	565.43
DALLAS, TX 75284-1903		MIDLAND, TX 79702		INVOICE TOTAL	14,197.32



PAGE 1 of 1	CUST NO 1004016	INVOICE DATE 04/07/2011
INVOICE NUMBER 1718 - 90565300		

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

J LEASE NAME Molz 16  
 O LOCATION  
 B COUNTY Barber  
 I STATE KS  
 T JOB DESCRIPTION Cement-New Well Casing/Pi  
 B JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40305312	19842		Net - 30 days	05/07/2011

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 04/03/2011 to 04/03/2011</i>				
0040305312				
171803981A Cement-New Well Casing/Pi 04/03/2011 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

*Ch 22256  
4-28-11*

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		



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

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

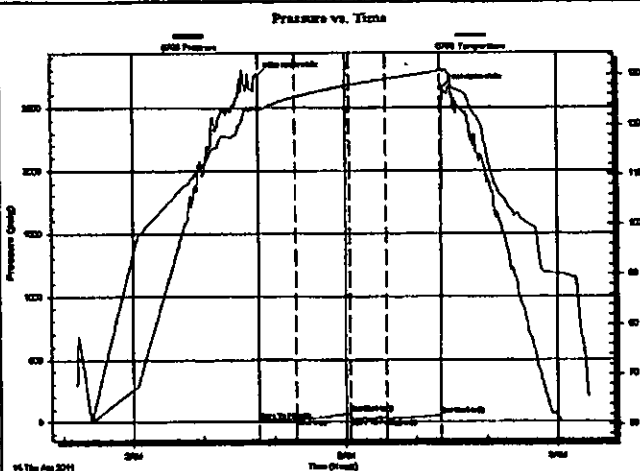
Molz #16  
31-34S-11W  
Job Ticket: 042430      DST#: 2  
Test Start: 2011.04.14 @ 02:11:58

### GENERAL INFORMATION:

Formation: **Simpson**  
 Deviated: **No Whipstock**      ft (KB)  
 Test Type: **Conventional Bottom Hole**  
 Time Tool Opened: **04:46:43**  
 Tester: **Leal Cason**  
 Time Test Ended: **09:26:43**  
 Unit No: **45**  
 Interval: **5354.00 ft (KB) To 5366.00 ft (KB) (TVD)**  
 Reference Elevations: **1377.00 ft (KB)**  
 Total Depth: **5366.00 ft (KB) (TVD)**  
**1367.00 ft (CF)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Good**  
 KB to GR/CF: **10.00 ft**

Serial #: **6798**      Inside  
 Press@RunDepth: **26.87 psig @ 5356.00 ft (KB)**      Capacity: **8000.00 psig**  
 Start Date: **2011.04.14**      End Date: **2011.04.14**      Last Calib.: **2011.04.14**  
 Start Time: **02:11:58**      End Time: **09:26:43**      Time On Btm: **2011.04.14 @ 04:46:28**  
 Time Off Btm: **2011.04.14 @ 07:22:58**

TEST COMMENT: **F: Weak Surface Blow**  
**IS: No Blow back**  
**FF: No Blow**  
**FST: No Blow back**



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2753.58	123.63	Initial Hydro-static
1	20.56	122.99	Open To Flow (1)
32	21.92	125.48	Shut-In(1)
77	67.26	127.76	End Shut-In(1)
78	24.36	127.79	Open To Flow (2)
109	26.87	129.07	Shut-In(2)
155	53.91	130.68	End Shut-In(2)
157	2653.98	130.71	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
5.00	DRLG Mud	0.02

### Gas Rates

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

