KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1056647

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 RATZLAFF
Purchaser: ONEOK-COFFEEVILLE RESOURCES

Designate Type of Completion:

- [x] New Well
- [ ] Re-Entry
- [ ] Workover

- [ ] Oil
- [ ] WSW
- [ ] SWD
- [ ] SIOW
- [x] 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 Recompletion Date	Date Reached TD	Completion Date or 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 [x] West
1825 Feet from [ ] North / [x] South Line of Section
1870 Feet from [ ] East / [x] West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- [ ] NE
- [ ] NW
- [ ] SE
- [x] 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 [x] 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 [x] 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:
- [x] Wireline Log Received
- [ ] Geologist Report Received
- [ ] UIC Distribution

ALT [x] I [ ] II [ ] III Approved by: Deanna Garrisor Date: 06/06/2011

Side Two

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 Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

Electric Log Submitted Electronically ☑ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:

DRILLING TIME AND SAMPLE LOG
DUAL INDUCTION LOG
COMPENSATED DENSITY/NEUTRON PE LOG

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Attached	Attached	Attached

CASING RECORD ☑ New ☐ 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:
☐ Perforate
☐ Protect Casing
☐ Plug Back TD
☐ Plug Off Zone

Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
-			
-			

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: 2.875 Set At: 5051 Packer At: NONE

Liner Run: ☐ Yes ☑ No

Date of First, Resumed Production, SWD or ENHR. 05/09/2011

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	120	1	100		28

DISPOSITION OF GAS:
☐ Vented ☑ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)*

PRODUCTION INTERVAL:
4716
4756

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Molz Oil Company
Well Name	MOLZ 16
Doc ID	1056647

Tops

Name	Top	Datum
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

BASIC ENERGY SERVICES

PAGE	CUST NO	INVOICE DATE
1 of 1	1004016	04/19/2011

INVOICE NUMBER

1718 - 90573271

Pratt (620) 672-1201

BILL TO
MOLZ OIL CO
19159 SW CLAIRMONT
KIOWA
KS US 67070
ATTN:

JOB SITE
LEASE NAME: Molz 16
LOCATION:
COUNTY: Barber
STATE: KS
JOB DESCRIPTION: Cement-New Well Casing/Pi
JOB CONTACT:

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40309387	19842		Net - 30 days	05/19/2011

For Service Dates: 04/15/2011 to 04/15/2011

0040309387

171803962A Cement-New Well Casing/Pi 04/15/2011
5 1/2" Longstring ✓

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
AA2 Cement 5100 50	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

OK 22256
4-28-11

PLEASE REMIT TO:
BASIC ENERGY SERVICES, LP
PO BOX 841903
DALLAS, TX 75284-1903

SEND OTHER CORRESPONDENCE TO:
BASIC ENERGY SERVICES, LP
PO BOX 10460
MIDLAND, TX 79702

SUB TOTAL	**13,631.89**
TAX	**565.43**
INVOICE TOTAL	**14,197.32**

BASIC ENERGY SERVICES

PAGE	CUST NO	INVOICE DATE
1 of 1	1004016	04/07/2011

INVOICE NUMBER

1718 - 90565300

Pratt (620) 672-1201

BILL TO
MOLZ OIL CO
19159 SW CLAIRMONT
KIOWA
KS US 67070
ATTN:

JOB SITE
LEASE NAME: Molz 16
LOCATION:
COUNTY: Barber
STATE: KS
JOB DESCRIPTION: Cement-New Well Casing/Pi
JOB CONTACT:

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

For Service Dates: 04/03/2011 to 04/03/2011

0040305312

171803981A Cement-New Well Casing/Pi 04/03/2011
13 3/8" Conductor

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
60/40 POZ 50 50 50	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

CK 22254 4-28-11

PLEASE REMIT TO:
BASIC ENERGY SERVICES,LP
PO BOX 841903
DALLAS,TX 75284-1903

SEND OTHER CORRESPONDENCE TO:
BASIC ENERGY SERVICES,LP
PO BOX 10460
MIDLAND,TX 79702

SUB TOTAL	6,735.88
TAX	285.85
INVOICE TOTAL	7,021.73

DRILL STEM TEST REPORT

Molz Oil Co

19159 SW Clairmont
Kiowa, KS 67070

ATTN: Arden Ratzlaff

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)
Time Tool Opened: 04:46:43
Time Test Ended: 09:26:43

Test Type: Conventional Bottom Hole
Tester: Leal Cason
Unit No: 45

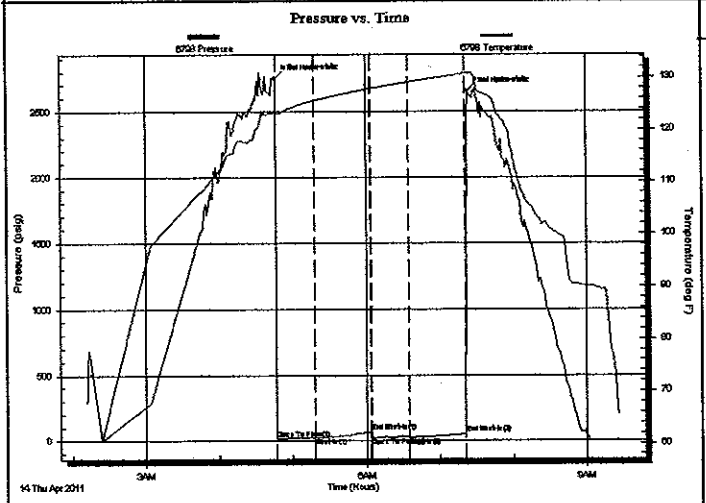
Interval: 5354.00 ft (KB) To 5366.00 ft (KB) (TVD)
Total Depth: 5366.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1377.00 ft (KB)
1367.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6798 **Inside**
Press@RunDepth: 26.87 psig @ 5355.00 ft (KB)
Start Date: 2011.04.14 End Date: 2011.04.14
Start Time: 02:11:58 End Time: 09:26:43

Capacity: 8000.00 psig
Last Calib.: 2011.04.14
Time On Btm: 2011.04.14 @ 04:46:28
Time Off Btm: 2011.04.14 @ 07:22:58

TEST COMMENT: IF: Weak Surface Blow
ISI: No Blow back
FF: No Blow
FSI: 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	125.46	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)

DRILL STEM TEST REPORT

Molz Oil Co

19159 SW Clairmont
Kiowa, KS 67070

ATTN: Arden Ratzlaff

Molz #16

31-34S-11W

Job Ticket: 042429 **DST#: 1**

Test Start: 2011.04.11 @ 22:11:25

GENERAL INFORMATION:

Formation: **Misener**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:25:25
Time Test Ended: 06:58:40

Test Type: Conventional Bottom Hole
Tester: Leal Cason
Unit No: 45

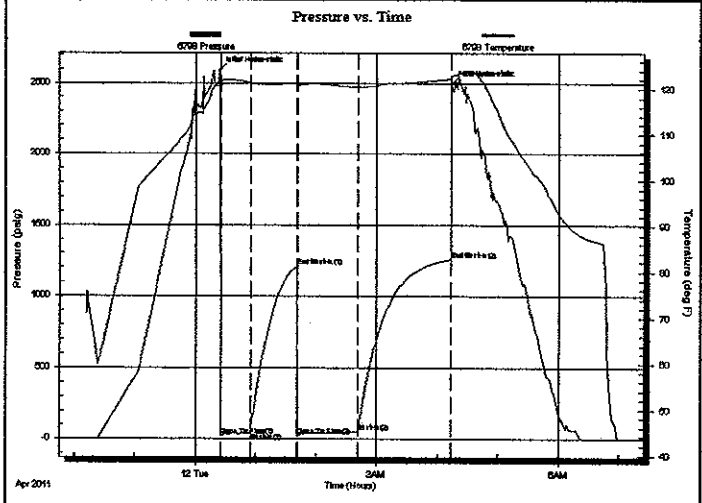
Interval: 5043.00 ft (KB) To 5060.00 ft (KB) (TVD)
Total Depth: 5060.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1377.00 ft (KB)
1367.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6798 **Inside**
Press@RunDepth: 52.38 psig @ 5044.00 ft (KB)
Start Date: 2011.04.11 End Date: 2011.04.12
Start Time: 22:11:25 End Time: 06:58:40

Capacity: 8000.00 psig
Last Calib.: 2011.04.12
Time On Btm: 2011.04.12 @ 00:23:25
Time Off Btm: 2011.04.12 @ 04:13:40

TEST COMMENT: IF: Strong Blow, BOB in 90 seconds
ISI: Bled Off, No Blow back
FF: Strong Blow, BOB in 20 seconds, GTS in 16 minutes, Gauged Gas
FSI: Bled Off,



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2581.79	120.58	Initial Hydro-static
2	25.11	121.41	Open To Flow (1)
32	44.55	121.35	Shut-In(1)
78	1207.23	121.37	End Shut-In(1)
79	25.68	120.83	Open To Flow (2)
138	52.38	120.33	Shut-In(2)
230	1255.08	122.30	End Shut-In(2)
231	2490.62	122.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	4902 feet GIP	0.00
60.00	MCO 24%M 76%O	0.30
80.00	OCM 10%O 90%M	0.58

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	3.00	27.76
Last Gas Rate	0.25	3.50	28.56
Max. Gas Rate	0.25	3.50	28.56