

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

AP 75' S & 125' W of

Operator: License # 6006
Name: Molz Oil Co., Inc.
Address: 19159 SW Clairmont
City/State/Zip: Kiowa, KS 67070
Purchaser: Lumen Energy

API No. 15 - 007-22756-20-00
County: Barber
C w/2 SW Sec. 2 Twp. 33 S. R. 10 East West
1425 feet from (S) / N (circle one) Line of Section
535 feet from E / (W) (circle one) Line of Section

✓ Operator Contact Person: Jim Molz
Phone: (620) 296-4558

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW (SW)

Contractor: Name: Duke Drilling **RECEIVED**
License: 5929

Lease Name: Jamie Well #: 2
Field Name: Little Sandy Creek

Wellsite Geologist: Gorden Keen **NOV 19 2003**

Producing Formation: Mississippi

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

Elevation: Ground: 1389 Kelly Bushing: 1402
Total Depth: 4860 Plug Back Total Depth: 4787

If Workover/Re-entry: Old Well Info as follows:

Amount of Surface Pipe Set and Cemented at: 331 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.

Operator: _____
Well Name: _____

Drilling Fluid Management Plan *10/19/03 OA*
(Data must be collected from the Reserve Pit)

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. _____

Chloride content 7000 ppm Fluid volume 1200 bbls
Dewatering method used haul off
Location of fluid disposal if hauled offsite: _____

7-30-03 8-12-03 9-1-03
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

Operator Name: Molz Oil Co., Inc.
Lease Name: Lawrence SWD License No.: 6006
Quarter NESW Sec. 35 Twp. 32 S. R. 10 East West
County: Barber Docket No.: 15-007-22744

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: President Date: 11-17-03

Subscribed and sworn to before me this 17 day of November
20 03.



Notary Public: _____
Date Commission Expires: November 23, 2003

KCC Office Use ONLY

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

[Signature]

X

Operator Name: Molz Oil Co., Inc. Lease Name: Jamie Well #: 2
 Sec. 2 Twp. 33.S. R. 10 East West County: Barber API # 15-007-22756-00-00

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 (Attach Additional Sheets) 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 (Submit Copy) List All E. Logs Run: Dual Induction Dual Compensated Porosity Sonic Cement Bond Geologic	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table border="0" style="width:100%"> <tr> <td style="width:60%">Name</td> <td style="width:20%">Top</td> <td style="width:20%">Datum</td> </tr> <tr> <td>Heebner Shale</td> <td>3418</td> <td>-2016</td> </tr> <tr> <td>Swope</td> <td>4120</td> <td>-2718</td> </tr> <tr> <td>Pawnee</td> <td>4296</td> <td>2894</td> </tr> <tr> <td>Mississippi</td> <td>4388</td> <td>2986</td> </tr> <tr> <td>Viola</td> <td>4715</td> <td>3313</td> </tr> <tr> <td>Simpson</td> <td>4797</td> <td>3395</td> </tr> </table>	Name	Top	Datum	Heebner Shale	3418	-2016	Swope	4120	-2718	Pawnee	4296	2894	Mississippi	4388	2986	Viola	4715	3313	Simpson	4797	3395
Name	Top	Datum																				
Heebner Shale	3418	-2016																				
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Pawnee	4296	2894																				
Mississippi	4388	2986																				
Viola	4715	3313																				
Simpson	4797	3395																				

CASING RECORD <input type="checkbox"/> New <input checked="" 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	# Sacs Used	Type and Percent Additives
Production	7 7/8	5.5	15.5	4854	common	175	10% Salt 5# Gilsonite

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	4390-4396	1000 gal 7 1/2% Hcl	4390-4436
4	4430-4436	3000 gal 7 1/2% Hcl	4390-4436
		3000 gal XTA Conversion gel	"
		143,000 scf nit.	"

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 7/8	4460		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr. <u>11-14-03</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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	1	80 mcf	60	80-1	30

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify)	

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API # 15-007-22756-00-00

ORIGINAL

NOV 19 2003

TREATMENT REPORT



KCC WICHITA

Field Order #	Station	Casing	Depth	County	State
6893	PRATT KS	5 1/2	4854	BARBER	KS
Type Job	Formation	Legal Description			
LOWBSTRONG - NW	TD-4860'	2-33-10			
Customer ID		Date			
Customer		8-12-03			
Lease		Lease No.	Well #		
JAMIE			2		

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
5 1/2								5 Min.
Depth	Depth	From	To	Pre Pad	Max			10 Min.
4854								15 Min.
Volume	Volume	From	To	Pad	Min			Annulus Pressure
Max Press	Max Press	From	To	Frac	Avg			
Well Connection	Annulus Vol.	From	To		Hi-HP Used			
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative	Station Manager	Treater
Ken Holtz	KEVIN	K. GORDLEY

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1930					ON LOCATION - 1700 8/12/03
2100					RUN 4854' 5 1/2' CASING.
					RUN GUIDESIDE INSERT FLOAT
					IN 1ST COLLAR. BASKET - #74
					CEMT. - 75-78-80-81-82-83-85-80
0015					TAG BOTTOM - DROP BALL - BREAK CEMENT
0120	300		12	6	PUMP 12 bbl MUD FLUSH
	300		12	6	PUMP 12 bbl SUPER FLUSH
	300		3	6	PUMP 3 bbl H2O SPACER
	200		0	6	MIX CEMENT - 175 SK. HAZ
					10% SALT 5 7/8" GDSOWITE,
					1% FEA-322, 1.25% GHS BLOK, 1/4% DEFON
	200		45	6	FINISH MIX CEMENT
	0		0	7	STOP - WASH LINE - DROP PLUG
	300		86	7	START DESP.
	700		105	3	LIFT CEMENT
					SLOW RATE
0200	1100		114 1/2	3	PLUG DOWN - RELEASE - NEW
					PLUG RH & MH - 25 SK 60/40 PCL
0300					JOB COMPLETE - THANKS - KEVIN

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • Phone (620) 672-1201 • Fax (620) 672-5383

SHARON 2E-2S-1/2E-1 1/2 S into

ORIGINAL

API# 15-007-22756-06-00



INVOICE NO.		Subject to Correction		FIELD ORDER 6893	
Date	8-12-03	Lease	JAMIE	Well #	2
Customer ID		County	BARBER	State	KS.
		Depth		Formation	
		Casing	5 1/2	Casing Depth	4854'
		TD	4860'	Job Type	LONGSTRONG-N
		Customer Representative	BOB MOLZ	Treater	KEVIN GORDLE

CHARGE

MOLZ OIL CO.

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A/E Number	PO Number	Materials Received by
	KCC WICHITA	X RMY

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D205	175 SK	AAZ CEMENT				
D203	25 SK	60/40 P02 CEMENT				
C195	165 lb.	FLA-322				
C221	916 lb.	SACT				
C243	42 lb.	DEFOMMER				
C312	207 lb.	GMS BLOK				
C321	875 lb.	GILSONITE				
C302	500 gal.	MUD FLUSH				
C304	500 gal.	SUPERFLUSH				
F101	8 EA.	5/2 TURBOLIZER				
F121	1 EA.	5/2 BASKET				
F143	1 EA.	5/2 TOP RUBBER PLUG				
F191	1 EA.	5/2 GUIDE SHOE				
F231	1 EA.	5/2 INSERT FRONT VALVE				
E107	200 SK	CEMENT SERV. CHARGE				
E100	45 mile	UNITS	MILES			
E104	421 TM	TONS	MILES			
R210	1 EA.	EA.	PUMP CHARGE			
R201	1 EA.	CEMENT HEAD RENTAL				
				PRICE =	7629.58	

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NOV 19 2003

API # 15-007-22756-10-00

TREATMENT REPORT



KCC WICHITA

Customer ID		Date	
Customer <i>MOLZ OIL CO</i>		<i>7-30-03</i>	
Lease <i>JVAMIE</i>		Lease No.	Well # <i>2</i>
Field Order # <i>6886</i>	Station <i>PRATT, KS</i>	Casing <i>8 5/8</i>	Depth <i>331</i>
Type Job <i>SURFACE - NW</i>		County <i>BARBER</i>	State <i>KS</i>
		Formation	Legal Description <i>2-33-10</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>8 5/8</i>	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth <i>331</i>	Depth	From	To	Pre Pad		Max		5 Min.
Volume	Volume	From	To	Pad		Min		10 Min.
Max Press	Max Press	From	To	Frac		Avg		15 Min.
Well Connection	Annulus Vol.	From	To			Hi-IP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush		Gas Volume		Total Load

Customer Representative <i>RICK</i>	Station Manager <i>DUSTY</i>	Treater <i>V. COPLEY</i>
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Service Units	<i>107</i>	<i>27</i>	<i>36</i>	<i>91</i>
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1600</i>					<i>ON LOCATION</i>
					<i>RUN 331' 8 5/8 CASING</i>
					<i>BREAK CORE</i>
<i>2100</i>	<i>200</i>		<i>0</i>	<i>0</i>	<i>MIX CEMENT - 225 SLL 60/40 P. 2% GEL, 3% CC, 1/4 #/IN CELLULAR</i>
	<i>100</i>		<i>50</i>	<i>0</i>	<i>FAUST MIX CEMENT</i>
					<i>STOP - RELEASE WOOD PLUG</i>
	<i>0</i>		<i>0</i>	<i>0</i>	<i>START DISP</i>
<i>2130</i>	<i>200</i>		<i>20</i>	<i>2</i>	<i>PLUG DOWN</i>
					<i>✓ SET CELLAR - 5 SL CEMENT IN BOTTOM OF CELLAR</i>
<i>7:00</i>					<i>JOB COMPLETE - THANKS - KEVIN</i>

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2E, 2S, 1/2E, 1/2S into

API#15-007-22756-00-00

ORIGINAL



INVOICE NO.		Subject to Correction		FIELD ORDER 6886	
Date	7-30-03	Lease	JAMIE	Well #	2
Customer ID		County	BARBER	State	KS
		Depth		Formation	
		Casing	8 5/8	Casing Depth	331'
		Customer Representative	RECK	Treater	K. GORDLEY

CHARGE

MOLL OIL CO.

Shoe Joint
Job Type SURFACE-NW

AFE Number	PO Number	Materials Received by	X Rick J. Degenhardt
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Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D203	225 SL	60/40 PORT CEMENT	✓			
C194	55 lb.	CELL FLAKE	✓			
O310	582 lb.	CALCIUM CHLORIDE	✓			
F163	1 EA.	8 5/8 WOOD PLUG	✓			
RECEIVED						
NOV 19 2003						
KOC WICHITA						
E107	225 SL	CEMENT SERVICE CHARGE				
E100	45 mile	UNITS	MILES			
E104	437 TM	TONS	MILES			
R201	1 EA.	EA.	PUMP CHARGE			
R701	1 EA.	CEMENT HEAD RENTAL				
PRICE =				3080.49		

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