

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

Operator: License # 3532
Name: CMX, Inc.
Address: 150 North Main - Suite 1026
City/State/Zip: Wichita, Kansas 67202
Purchaser: _____
Operator Contact Person: Douglas McGinness II
Phone: (316) 269-9052
Contractor: Name: Duke Drilling Co., Inc.
License: 5929

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

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

Operator: Petroleum, Inc.
Well Name: Sterling "D" #1 Twin
Original Comp. Date: 2/23/67 Original Total Depth: 5436'
☐ 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. _____

01-14-03 01-15-03 2/13/03
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

KANSAS CORPORATION COMMISSION
RECEIVED
JUL 22 2003
WICHITA, KS

API No. 15 - 007-20005-00-01
County: Barber County, Kansas
SE SE Sec. 27 Twp. 34 S. R. 13 ☐ East ☒ West
460 feet from S N (circle one) Line of Section
660 feet from E W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Mash Unit "OWWO" Well #: 1
Field Name: Elwood
Producing Formation: Hertha (?)
Elevation: Ground: 1480' Kelly Bushing: 1491'
Total Depth: 4800' Plug Back Total Depth: 4815'
Amount of Surface Pipe existing at 290 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 ACT 1 BPW 7-22-03
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume 80 bbls
Dewatering method used hauled off
Location of fluid disposal if hauled offsite:
Operator Name: McGinness Oil Co. of KS, Inc
Lease Name: Lonman License No.: 31881
Quarter 3 Sec. 35 Twp. 35 S. R. 12 ☐ East ☒ West
County: Barber Docket No.: CD-4812

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: _____
Title: President Date: 7/22/03

Subscribed and sworn to before me this 22nd day of July

2003
Notary Public: Donna L. May-Murray
Date Commission Expires: 2/7/04

DONNA L. MAY-MURRAY
Notary Public - State of Kansas
My Appt. Expires 2/7/04

KCC Office Use ONLY

NO Letter of Confidentiality Attached

If Denied, Yes ☐ Date: _____

Wireline Log Received ☒

Geologist Report Received ☒

JIC Distribution ☐

Operator Name: **CMX, Inc.** Lease Name: **Mash Unit "OWWO"** Well #: **1**
 Sec. **27** Twp. **34** S. **13** E. ☐ East ☒ West County: **Barber County, Kansas**

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
 (Attach Additional Sheets)

☐ Yes ☒ No

Samples Sent to Geological Survey

☐ Yes ☒ No

Cores Taken

☐ Yes ☒ No

Electric Log Run

☒ Yes ☐ No

(Submit Copy)

List All E. Logs Run:

☐ Log Formation (Top), Depth and Datum

☐ Sample

Name

Top

Datum

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	# Sacs Used	Type and Percent Additives
existing Surface		8-5/8"		290'			
Production	7-7/8"	4-1/2"	10.5#	4815'	50/50 Poz	300	

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
2	4550-52	1500 gallons	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8	4553		☐ Yes ☒ No
Date of First, Resumed Production, SWD or Enhr.	Producing Method			
	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
		TSTM	150	

Disposition of Gas	METHOD OF COMPLETION	Production Interval
☐ Vented ☐ Sold ☐ Used on Lease (If vented, Sumit ACO-18.)	☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled	
	☐ Other (Specify)	

Daily Drilling Report

DRILLING REPORT

Well Name:	Mash Unit #1	API Code:	15-007-20005-00-01	Ref Well :	
Location	200' S of C SE SE 27 \ 34S \ 13W	Lease Name:	Mash Unit #1	Ref Loc:	- / -
County / State :	BARBER, KS	Field:	Elwood	County:	BARBER, KS
GL Level :	1485	Contractor:	Duke Drilling Co.	GL Level :	
KB Level :	0	Operator:	CMX, Inc.	KB Level :	0

Current Date 05-May-03

Page 1 of 1

Daily Drilling Details Report

Date	Start Depth	Daily Remarks
1/14/2003	0	Move In Rig. Spud @ 8:00 PM
1/15/2003	3480	7:00 AM 2582', washing down. 3572', washing down top of Elgin and lost returns. Got circulation back, washing down @ 3700' @ 2:00 PM. Washing down slowly. Hole condition is such that it is proceeding slowly.
1/16/2003	4800	9:00 AM @ 4800', lay down drill pipe to set casing. Logged. Two other zones in addition to Hertha, Cherokee Sand and Douglas Sand had interesting log shows. Installed a new Lowery type L-ECA (1500#) 8 5/8" x 4 1/2" head. Ran 125 jts. Of used (drifted & tested to 4000#) 4 1/2" x 10.5# J, ST&C casing and set @ 4815'. Used 8 turbolizer centralizers, a Weatherford formation packer shoe, a baffle plate with latch down plug & two cement baskets (@ 4731' & 4175'). Broke circulation three times running casing. Circ 1 hr on bottom. Opened/Set packer shoe @ 1000#. Acid Services cemented casing w/300 sx 50/50 Pozmix cement (10% salt, 3/4% FLA-322 & 53/sx gilsonite) with full returns. Mixed cement w/city water. Plug down @ 10:36 PM. Float valve held & casing was left open. Set casing slips with casing in full tension. Put 15 sxs cement in RH and 10 sxs in MH.

Casing History

Size	Weight	Grade	Brand	Type	Condition	Set Depth	Footage
4 1/2"	10.5	API	J, ST&C	production	used	4815	0

Cement Description: 300 sx 50/50 Poz (10% salt, 3/4% FLA-322 & 5#/sx gilsonite)

RECEIVED
KANSAS CORPORATION COMMISSION

JUL 22 2003

CONSERVATION DIVISION
WICHITA, KS



SALES OFFICE:
100 S. Main
Suite #607
Wichita KS 67202
(316) 262-3699
(316) 262-5799 FAX

SALES & SERVICE OFFICE:
10244 NE Hiway 61
P.O. Box 8613
Pratt, KS 67124-8613
(316) 672-1201
(316) 672-5383 FAX

ACIDIZING - FRACTURING - CEMENTING

Invoice

Bill to: CMX, INC. Union Center Bldg. 150 N. Main, Suite 102 Wichita, KS 67202		1480000		Invoice 301064	Invoice Date 1/21/03	Order 5776	Order Date 1/16/03
RECEIVED KANSAS CORPORATION COMMISSION JUL 22 2003 CONSERVATION DIVISION WICHITA, KS				Service Description Cement			
				Lease Mash Unit		Well 1	
				AFE	CustomerRep R. Moorehead	Treater K. Gordley	Well Type New Well

ID.	Description	UOM	Quantity	Unit Price	Price
D204	50/50 POZ (COMMON)	SK	325	\$6.84	\$2,223.00 (T)
C195	FLA-322	LB	189	\$7.50	\$1,417.50 (T)
C221	SALT (Fine)	GAL	1296	\$0.25	\$324.00 (T)
C243	DEFOAMER	LB	26	\$3.00	\$78.00 (T)
C321	GILSONITE	LB	1500	\$0.60	\$900.00 (T)
C304	SUPER FLUSH II	GAL	500	\$1.85	\$925.00 (T)
F100	TURBOLIZER, 4 1/2"	EA	8	\$67.00	\$536.00 (T)
F120	BASKET, 4 1/2"	EA	2	\$180.00	\$360.00 (T)
F170	LATCH DOWN PLUG & BAFFLE, 4 1/2"	EA	1	\$230.00	\$230.00 (T)
F270	CEMENTING SHOE PACKER TYPE, 4 1/2"	EA	1	\$2,250.00	\$2,250.00 (T)
F130	STOP COLLAR, 4 1/2"	EA	1	\$20.00	\$20.00 (T)
E107	CEMENT SERVICE CHARGE	SK	325	\$1.50	\$487.50
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	60	\$3.25	\$195.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	822	\$1.30	\$1,068.60
R210	CASING CEMENT PUMPER, 4501-5000' 1ST 4 HRS ON LOC	EA	1	\$1,827.00	\$1,827.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00

Sub Total: \$13,091.60

Discount: \$3,665.65

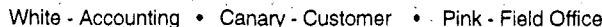
Discount Sub Total: \$9,425.95

Tax Rate: 6.30% **Taxes:** \$420.19
(T) Taxable Item

Total: \$9,846.14

PLEASE REMIT TO Acid Services, LLC, Dept No 1131, Tulsa, OK 74182

Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.





TREATMENT REPORT

Customer ID	Date	
Customer	1-16-03	
Lease	Lease No.	Well #
MASH UNIT		1 0WWO
Field Order	Station	County
5976	PRATT, KS	BARBER
Casing	Depth	State
4 1/2	4815	KS

Type Job: LONGSTON - NEW WEN Formation: TD - 5435' Legal Description: 27-34-13

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
4 1/2				300 SL 50/50 P02				5 Min.
Depth	Depth	From	To	Proppant		Max		10 Min.
4815				10% SMT, 5% L. CEMENT		Min		15 Min.
Volume	Volume	From	To	Rate		Avg		
				75% FLA 322, 1% DEFAMER				
Max Press	Max Press	From	To	Frac				
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush		Gas Volume		Total Load
4793				25 SL 50/50				

Customer Representative: B.M. Station Manager: D. ADRIAN Treater: K. GORDON

Service Units	107	27	32	76					
---------------	-----	----	----	----	--	--	--	--	--

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
------	-----------------	-----------------	--------------	------	-------------

1600					ON LOCATION
					RECEIVED
					KANSAS CORPORATION COMMISSION
					JUL 22 2003
					CONSERVATION DIVISION
					WICHITA, KS
					DOWN Baffle IN 1st COLLAR
					BASKET ON TOP #3 - #18
					CENT. - 10' UP ON #5-8-11-13-17-20-23-25
					BROOK COIL ON #40 & #80
					SET PACKER SHOE
755	400		3	6	PUMP 3 bbl H ₂ O
	400		12	6	PUMP 12 bbl SUPERFLUSH
	400		3	6	PUMP 3 bbl H ₂ O
					MIX CEMENT
	200		68	6	300 SL 50/50 P02 10% SMT, 5% L. CEMENT, 75% FLA 322, 1% DEFAMER
					STOP - WASH LINE - DROP PLUG
	0		0	7 1/2	START DISP
	400		45	7 1/2	LEFT CEMENT
	900		70	4	SLOW RATE
1046	1500		76.2	4	PULL DOWN - RELEASE - HOLD
	25 SL 50/50 P02				PULL RH & MH
1130					JOB COMPLETE - THANKS KEVIN