

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 3532
Name: CMX, Inc.
Address: 150 N. Main - Suite 1026
City/State/Zip: Wichita, Kansas 67202
Purchaser: _____
Operator Contact Person: Douglas H. McGinness II
Phone: (316) 269-9052
Contractor: Name: Duke Drilling Co., Inc.
License: 5929
Wellsite Geologist: Douglas H. McGinness II
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)
If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____

CONSERVATION DIVISION
Wichita, Kansas

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. _____
06-29-00 07-07-00 10/1/2000
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 007-22621 0000
County: Barber County, Kansas
NE SW SW Sec. 29 Twp. 34 S. R. 13 East West
1200 feet from N (circle one) Line of Section
990 feet from E / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Garman Well #: 2
Field Name: Aetna
Producing Formation: Mississippian
Elevation: Ground: 1673 Kelly Bushing: 1681
Total Depth: 4870' Plug Back Total Depth: 4865'
Amount of Surface Pipe Set and Cemented at 264 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, how depth set _____ Feet
If Alternative II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

RECEIVED
OCT 13 2000
KANSAS CORPORATION COMMISSION
Drilling Fluid Management Plan ALT 1 g# 12-21-00
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume 200 bbls
Dewatering method used hauled off
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: May SWD License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

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: 11/16/2000

Subscribed and sworn to before me this 16th day of November

2000
Notary Public: [Signature]
Date Commission Expires: 2/7/2004

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

KCC Office Use ONLY
 Letter of Confidentiality Attached
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

X

Operator Name: CMX, Inc. Lease Name: Garman Well #: 2

Sec. 29 Twp. 34 S. R. 13 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 Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy)

List All E. Logs Run: **DUAL COMPENSATED POROSITY**
DUAL INDUCTION
CEMENT BOND

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Heebner SH	4810	
L/KC	4196	-2515
Miss Undiff	4808	-3128

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	# Sacjs Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	24#	264'	60/40 Poz	170	3%cc 2%gel
Production	7-7/8"	4-1/2"	10.5#	4869'	A-Con	130	2%cc 5#gil/sk

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
2	4810'-4830'	Acidized w/1500 gal MCA frac w/ gal gelled fresh water & 65,000 sand & 315 SCF N ₂	40,000 12/20

TUBING RECORD Size 2 3/8" Set At 4840 Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Enhr. 10/7/2000 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil Bbls. 2 Gas Mcf 250 Water Bbls. 10 Gas-Oil Ratio _____ Gravity _____

Disposition of Gas **METHOD OF COMPLETION** Production Interval 4810' - 4830'

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____
 (If vented, Sumit ACO-18.) Other (Specify) _____

Garman #2 Daily Drilling DRILLING REPORT

Well Name : Garman #2	API Code :	Ref Well Name : #1 Roberts
Location : 1200' FSL 990' FWL 29 \	Lease Name : Garman #2	Ref Well Operator : Shenandoah Oil
County / State : BARBER, KS	Field : Aetna	Ref LOC : C SW SW - 29/ 34S/ 13W
GL Level : 1673 - 345	Contractor : Duke Drilling Co.	Reference GL :
KB Level : 1681	Operator : CMX, Inc.	Reference KB : 1676

Current Date 11/8/2000 Page 1 of 2

Formation Tops

Formation Name	Current Well Top	Subsea Datum	Ref Well Top	Ref Subsea	+/- To Ref Well	Comments
Brown LS/Lansing	4196	-2515	4194	-2518	3	
Hertha	4683	-3002	4683	-3007	5	
Mississippi	4809	-3128	4808	-3132	4	

RECEIVED
STATE CORPORATION COMMISSION

11/8/2000

Drilling Report Details

CONSERVATION DIVISION
Wichita, Kansas

Date	Start Depth	Operation	Remarks
6/28/200	0	MIRT	MIRT
Daily Mud Details		\$0.00	W.L.: 0 Vis : 0 M.W. : 0 Chlorides: 0
6/29/200	0	Spud	Spud @ 11:15am. Set 6 jts, 8 5/8" x 24 #, tally 253.20', set @ 264', 170 sacks 60/40 Pozmix, 2% gel, 3% CaCl, plugged down @ 12:30am. 1/2 degree @ 277', 1 1/2 degree @ 1000'.
Daily Mud Details		\$0.00	W.L.: 0 Vis : 0 M.W. : 0 Chlorides: 0
6/30/200	1000	Drilling	At 1000', waiting on cement, then drilling ahead.
Daily Mud Details		\$0.00	W.L.: 0 Vis : 0 M.W. : 0 Chlorides: 0
7/5/2000		Drilling	Running 5' high to reference well.
Daily Mud Details		\$0.00	W.L.: 0 Vis : 0 M.W. : 0 Chlorides: 0
7/6/2000		Drilling	60' above the Hertha, will be there by lunch. 3:00pm, in Hertha, circulating for samples.
Daily Mud Details		\$0.00	W.L.: 0 Vis : 0 M.W. : 0 Chlorides: 0
7/8/2000		Set Productio	Installed a Larkin 8 5/8" x 4 1/2" casing head and ran 115 jts of new Maverick 4 1/2", 10.5#, J-55, EW, ST&C casing and set @ 4868' (1' of bottom). Used 5 centralizers, an auto fill float shoe & baffle plate landed @ 4857' (latch down plug @ 4856'). Acid Services pumped 20 bbls Mud Flush, 130 sxs of A-Con cement (containing 1/4#/sx cellflake, 5#/sx gilsonite, 2% CC, 1/2% FLA-322, 0.1% DeFoamer) & cemented casing with full returns. Plug down @ 9:30am. Float valve held & csg was left open. Set slips with csg in full tension. Plugged rathole w/15 sxs 60/40 Pozmix cement and mousehole w/10 sxs 60/40 Pozmix cement. Released rig @ 10:00 am. Left 2 jts of 4 1/2" casing (69.9') on location. Drilling contractor will have a 4 1/2" collar welded on casing @ ground level.
Daily Mud Details		\$0.00	W.L.: 0 Vis : 0 M.W. : 0 Chlorides: 0

Casing History

Size	Weight	Grade	Brand	Type	Condition	Set Depth	Footage
8 5/8"	24	API		surface	new	264	253.2
Cement Description: 170 sxs 60/40 pozmix, 2% gel, 3% CaCl							
4 1/2"	10.5	API	JJ55	production	new	4868	0
Cement Description: 130 sxs A-Con 2% CC, 1/2% FLA-322 0.1% DeFoamer							

DRILL STEM TEST RESULTS

DST Date	Formation	Int Start	Int End	ISIP	FSIP	IFP	FFP	Time Interval
1 7/5/2000	Toronto	4040	4065	761	702	14-17	15-19	30-30-30-30
1st Open:	weak blow-died	2nd Open:		Recovery:		15' GCM- 114 Temp, 1973-1923		

Well Name :	<i>Garman #2</i>	API Code :		Ref Well Name :	#1 Roberts
Location :	1200' FSL 990' FWL 29 \ 34	Lease Name :	<i>Garman #2</i>	Ref Well Operator :	Shenandoah Oil
County / State :	BARBER, KS	Field :	Aetna	Ref LOC :	C SW SW - 29/ 34S/ 13W
GL Level :	1673 - 345	Contractor :	Duke Drilling Co.	Reference GL :	
KB Level :	1681	Operator :	CMX, Inc.	Reference KB :	1676

Current Date 11/8/2000

Page 2 of 2

Hydrostatic psi

RECEIVED
STATE CORPORATION COMMISSION

CONSERVATION DIVISION
Wichita, Kansas



ORIGINAL
ORIGINAL

SALES OFFICE:
105 S. Broadway
Suite #420
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: CLARK EXPLORATION 75 Falcon Hill Drive Highlands Ranch, CO 80126	1435000	Invoice	Invoice Date	Order	Order Date
		696	6/30/00	2526	6/30/00
	Service Description				
	Cement - Surface				
Lease			Well		
Bell Barman			Z		
AFE	CustomerRep	Treater	Well Type	Purchase Order	Terms
	John Arimbruster	Kevin Gordley	New Well		Net 30

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D202	60/40 POZ	SK	170	\$8.00	\$1,360.00
C195	CELLFLAKE	LB	37	\$1.77	\$65.49
C310	CALCIUM CHLORIDE	LBS	435	\$0.60	\$261.00
F143	WOODEN CEMENT PLUG, 8 5/8"	EA	1	\$71.00	\$71.00
E107	CEMENT SERVICE CHARGE	SK	170	\$1.50	\$255.00
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	45	\$3.00	\$135.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	376	\$1.25	\$470.00
R200	CASING CEMENT PUMPER, 0-300'	EA	1	\$630.00	\$630.00

Sub Total: \$3,247.49

Discount: \$1,113.34

Discount Sub Total: \$2,134.15

Tax Rate: 5.90% **Taxes:** \$0.00

(T) Taxable Item

Total: \$2,134.15

RECEIVED
STATE CORPORATION COMMISSION

NOV 20 2000

CONSERVATION DIVISION
Wichita, Kansas

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.



ORIGINAL
FIELD ORDER 02526

INVOICE NO.		Subject to Correction		FIELD ORDER		02526	
Date	6-30-00	Lease	BELL	Well #	1	Legal	29-335-13W
Customer ID		County	BARBER	State	KS.	Station	PLATT, KS.
CURRIL EXPLORATION		Depth		Formation		Shoe Joint	
Casing	8 5/8	Casing Depth	264	TD	1000	Job Type	SCREENING - NEW WELL
Customer Representative				Treater			
A. ARMBRUSTER				KEVIN GORDON			

AFE Number	PO Number	Materials Received by	X John J. Armbruster
------------	-----------	-----------------------	----------------------

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D202	170 SACS	60/40 POZ CEMENT				
C195	37 lbs.	CELLULASE				
C310	435 lbs.	CHLORUM PHOSPHATE				
E143	1 EA.	8 5/8 WOOD PLUG				
E107	170 SACS	CEMENT SAND CHARGE				
E100	45 miles	UNITS 1 WAY MILES				
E104	376 TONS	TONS MILES				
R200	1 EA.	EA. 264 PUMP CHARGE				
DISCOUNTED PRICE				2134.15		
PLUS TAX						



TREATMENT REPORT

01773

ORIGINAL

Customer ID	Date
Customer <i>CRINAL EXPLORATION</i>	<i>6-30-00</i>
Lease <i>BELL</i>	Lease No.
	Well # <i>1</i>

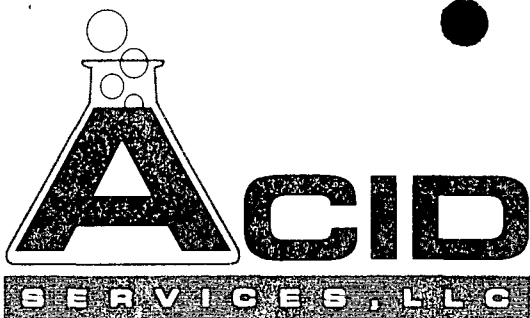
Field Order # <i>02526</i>	Station <i>PRATT, KS.</i>	Casing <i>8 5/8</i>	Depth <i>264</i>	County <i>BARBER</i>	State <i>KS.</i>
Type Job <i>SURFACE - NEW WELL</i>			Formation	Legal Description <i>27-33S-13W</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>8 5/8</i>	Tubing Size	Shots/Ft		Acid <i>170 SACS 6040 POZ</i>		RATE	PRESS	ISIP
Depth <i>264</i>	Depth	From	To	Pre-Pad <i>2% CEL, 3% CC,</i>	Max			5 Min.
Volume	Volume	From	To	Post <i>1/4" CELLULOSE</i>	Min			10 Min.
Max Press	Max Press	From	To	Frac	Avg			15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative <i>A. ARMENISTER</i>	Station Manager <i>DAVE PATTER</i>	Treater <i>KOTEN GORDLEY</i>
---	---------------------------------------	---------------------------------

Service Units	<i>107</i>	<i>35</i>	<i>57</i>	<i>34</i>	<i>72</i>
---------------	------------	-----------	-----------	-----------	-----------

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>2230</i>					<i>ON LOCATION 6-29-00</i>
					<i>TD - 1000'</i>
					<i>RUN 6 JTS 8 5/8 CSE TO 264'</i>
					<i>BREAK CORE W/ MUD PUMP</i>
<i>0010</i>	<i>250</i>		<i>10</i>	<i>5</i>	<i>PUMP 10 BBL H₂O</i>
	<i>200</i>		<i>0</i>	<i>5</i>	<i>START MIX CEMENT</i>
					<i>(170 SACS 6040 POZ 2% CEL, 3% CC, 1/4" CELLULOSE)</i>
	<i>100</i>		<i>38</i>	<i>5</i>	<i>FINISH MIX CEMENT</i>
					<i>SHUT DOWN - DROP PLUG</i>
	<i>0</i>		<i>0</i>	<i>5</i>	<i>START DISP</i>
<i>0030</i>	<i>200</i>		<i>16</i>	<i>5</i>	<i>PLUG DOWN</i>
					<i>SHUT IN CEMENT HEAD</i>
					<i>CORE 2661 CEMENT TO FIT</i>
<i>0100</i>					<i>JOB COMPLETE</i>
					<i>THANKS BOB</i>



ORIGINAL

ORIGINAL

SALES OFFICE:
 105 S. Broadway
 Suite #420
 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 1026 Wichita, KS 67202	14800000	Invoice	Invoice Date	Order	Order Date
		714	7/18/00	2530	7/8/00
	Service Description				
	Cement - Longstring				
			Lease	Well	
			Garman	2	
AFE	CustomerRep	Treater	Well Type	Purchase Order	Terms
	Bob Moorehead	Kevin Gordley	New Well		Net 30

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D200	'A-CON' BLEND	SK	130	\$13.38	\$1,739.40
D202	60/40 POZ	SK	25	\$8.00	\$200.00
C195	CELLFLAKE	LB	31	\$1.77	\$54.87
C310	CALCIUM CHLORIDE	LBS	246	\$0.60	\$147.60
C243	DEFOAMER	LB	13	\$2.50	\$32.50
C196	FLA-322	LB	62	\$7.25	\$449.50
C322	GILSONITE	LB	615	\$0.55	\$338.25
C300	"A" FLUSH	GAL	5	\$20.00	\$100.00
F150	LATCH DOWN PLUG & BAFFLE, 4 1/2"	EA	1	\$184.00	\$184.00
F100	CENTRALIZER, 4 1/2"	EA	5	\$50.00	\$250.00
F180	AUTO FILL FLOAT SHOE, 4 1/2"	EA	1	\$190.00	\$190.00
R701	CEMENT HEAD RENTAL	EA	1	\$70.00	\$70.00
E107	CEMENT SERVICE CHARGE	SK	155	\$1.50	\$232.50
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	45	\$3.00	\$135.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	326	\$1.25	\$407.50
R210	CASING CEMENT PUMPER, 4501-5000'	EA	1	\$1,740.00	\$1,740.00

Sub Total: \$6,271.12

Discount: \$2,069.26

Discount Sub Total: \$4,201.86

Tax Rate: 5.90% **Taxes:** \$0.00

(1) Taxable Item **Total:** \$4,201.86

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 CLARK EXPLORATION		7-8-00	
Lease GARMAN		Lease No.	Well # 2

Field Order # 02530	Station PRATT KS	Casing 4 1/2	Depth 4868	County BARBER	State KS
Type Job LOWELLSTRONG - NEW WELL			Formation	Legal Description 29-335-13W	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 4 1/2	Tubing Size	Shots/Ft		Fluid 130 SLS A-CON	RATE	PRESS	ISIP	
Depth 4668	Depth	From	To	Fluid 1 1/2 CELLULOSE	Max		5 Min.	
Volume	Volume	From	To	Fluid 5# GILSONITE	Min		10 Min.	
Max Press	Max Press	From	To	Fluid 2% CC 1/2% FLU-32	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To	Fluid .1% DEFOMMER	HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Fluid 13.5 PPG 1.81 PPG	Gas Volume		Total Load	

Customer Representative BOB MOOREHEAD	Station Manager DANIE MITCHELL	Treater KEVIN CORDEY		
Service Units	107	23	31	70

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0430					ON LOCATION TD-4870' RUN 4868' 4 1/2 CSE - 4868' RUN FLOAT SHOE, LATCH DOWN BAFFLE IN 1 st COLUMN. CENTRALIZER - 1-2-3-6-9 TRAC BOTTOM, DROP BALL, BRUSH CIRC W/ PIG PUMP
0900	300		20	5	PUMP 20 bbl MUD FLUSH
	300		5	5	PUMP 5 bbl H ₂ O SPACER
	300		0	5	START MIX CEMENT
					130 SLS A-CON CEMENT AT 13.5 PPG
	200		42	5	FINISH MIX CEMENT
					SHUT DOWN - WASH LINE - DROP PIG
	0		0	8	START DESP.
	50		47	8	START LEFT CEMENT
	70		73	5	SLOW RATE
0930	1300		77.2	5	PLUG DOWN
					RELEASE - PIG HEAD
					PLUG RH & MH.
1000					JOB COMPLETE THANKS - KEVIN