

ORIGINAL

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 3532
Name: CMX, Inc.
Address 150 N. Main, Suite 1026
Wichita, KS 67202
City/State/Zip
Purchaser: N/A
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: _____
Comp. Date _____ Old Total Depth _____
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
002-01-94 02-10-94 02-10-94
Spud Date Date Reached TD Completion Date

API NO. 15- 007-22,433-0000
County Barber
40'S _____ E
NE- NE- SE- _____ Sec. 12 Twp. 35 Rng. 14 x W
2270 Feet from (S) W (circle one) Line of Section
330 Feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)
Lease Name Sternberger Well # 8
Field Name Aetna-Hardtner
Producing Formation N/A
Elevation: Ground 1594 KB 1603
Total Depth 5000 PBDT N/A
Amount of Surface Pipe Set and Cemented at 342 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 D & A JZ 2-28-94
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name _____
Lease Name _____
Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W _____
County _____

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KANSAS CORPORATION COMMISSION
FEB 10 1994
2-17-94

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 on 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 02/21/94
Subscribed and sworn to before me this 21st day of February, 19 94.
Notary Public [Signature]
Date Commission Expires April 8, 1997

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

DE ANN RENEE KONKEL
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 4-8-97

P1

SIDE TWO

Operator Name CMX, Inc. Lease Name Sternberger Well # 8
 Sec. 12 Twp. 35 Rge. 14 East County Barber
 West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

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.)

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

See Attached Sheet.

List All E.Logs Run:

DIL/GR/SP/RXO RT
 Dual Porosity 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	12 1/4"	8-5/8"	23#	342'	60/40 poz	225	2%gel 3% cc

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

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input 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

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

ACO-1 Side Two (Cont.)

API No.: 15-007-22,433-~~0000~~
 Operator: CMX, Inc. - License #03532
 Lease: #8 Sternberger
 Location: 40' South NE NE SE of 12-35S-14W
 County: Barber

Drill Stem Tests:

Test #1: 4860' to 4918', 30-45-60-60, strong blow off bottom of bucket in 1 minute on first opening, depleted to 6" on initial flow after opening 2" & it never built back up, very strong blow immediately on second opening, depleted to 4".
 Recovered: 330' GIP & 30' GCM.
 ISIP: 430 psi; FSIP 376 psi
 IFP: 53-32; FFP 53-53
 Temp: 124° F.

Test #2: 4920' to 4950, 30-30-30-30, very weak blow on initial opening, died in 7 minutes, flushed tool on second opening - was no help; had a weak blow, died in 10 minutes on second opening.
 Recovered: 20' mud.
 ISIP: 107 psi; FSIP 107 psi
 IFP: 107-107; FFP 107-107

Tops: Log

Kenwaka Shale	3814 (-2211)
Heebner Shale	4023 (-2420)
Toronto	4031 (-2428)
Douglas Shale	4087 (-2484)
Lansing	4215 (-2612)
Stark Shale	4675 (-3072)
Swope Limestone	4680 (-3077)
Hushpuckney Shale	4700 (-3097)
Hertha Limestone	4709 (-3106)
Cherokee Shale	4861 (-3258)
Cherokee Sandstone	4876 (-3273)
Mississippi	4883 (-3280)
Mississippi Dolomite	4912 (-3309)
Total Depth	4997 (-3394)

RECEIVED
 KANSAS CORPORATION COMMISSION

FEB 17 1994
 2-17-94
 CONSERVATION DIVISION
 WICHITA, KS

15-007-22433-0000

ORIGINAL

2627, Russell, Kansas

Phone Plainville 913-434-2812

316-793-5861, Great Bend, Kansas

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

3674

Home Office P. O. Box 31

Russell, Kansas 67665

New Well

Date	2-2-94	Sec.	12	Twp.	35S	Range	14W	Called Out	6:30 AM	On Location	9:00 AM	Job Start	11:30 A	Finish	12:30 P
Lease	Sternberger	Well No.	8	Location	HARDNET 8W - 5/8 SIDE			County	BARBER	State	KANSAS				

Contractor	Duke D. J. Rig #5
Type Job	SURFACE Csg.
Hole Size	7 7/8, 12 1/4
Csg.	8 5/8 24#
Tbg. Size	
Drill Pipe	
Tool	
Cement Left in Csg.	15'
Press Max.	
Meas Line	Displace 21 BLS FRESH H ₂ O

Owner	C. M. X INC.
To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.	
Charge To	C. M. X INC.
Street	150N. MAIN - SUITE 1026
City	WICHITA
State	KANSAS 67202
The above was done to satisfaction and supervision of owner agent or contractor.	
Purchase Order No.	
X	

Perf.

EQUIPMENT

No.	Cementer	272	NEAL R
Pumptrk 265	Helper		CARL B.
No.	Cementer		
Pumptrk	Helper		
	Driver		MARK B.
Bulktrk 256/250	Driver		

Amount Ordered	225 SK 60/40 PZ 2% GEL + 3% CACL ₂
Consisting of	
Common	135 5.75 776.25
Poz. Mix	90 3.00 270.00
Gel.	5 7.00 35.00
Chloride	7 25.00 175.00
Quickset	
Handling	225 1.00 225.00
Mileage	28 252.00
Total	1733.25

DEPTH of Job	342'
Reference:	
28	Pump Trk 430.00
1	Mileage 63.00
	8 5/8 WOODEN SURFACE Plug 42.00
	42' at .39 161.38
Total	551.38

Floating Equipment	
1-8 5/8 BASKET	180.00

Remarks: Ran 8 5/8 to 342' - CEMENTED w/ 225 SK 60/40 PZ 2% GEL + 3% CACL₂ - Pumped Plug to 27' w/ 21 BLS FRESH H₂O - SHUT IN 1/2 CEMENT DED CIRCULATE 1/2

Total \$ 2464.63
Disc - 492.93
\$ 1971.70

15-007-22433-0000

TELEPHONE:
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.
P. O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

TO: C.M.X., Inc.
150 N. Main, Suite #1026
Wichita, KS 67202

INVOICE NO. 65869
PURCHASE ORDER NO. _____
LEASE NAME Stzrnberger #8
DATE 2-2-94

SERVICE AND MATERIALS AS FOLLOWS:

135 sks Common @\$5.75	\$776.25	
Pozmix 90 sks @\$3.00	270.00	
Gel 5 sks @\$7.00	35.00	
Chloride 7 sks @\$25.00	<u>175.00</u>	\$1,256.25
Handling 225 sks @\$1.00	225.00	
Mileage (28) @\$.04¢ per sk per mi	252.00	
Surface	430.00	
Mi @\$2.25 pmp trk chg	63.00	
1 plug	42.00	
42' @\$.39¢ over 300'	<u>16.38</u>	1,028.38
1 8 5/8 Basket-----	\$180.00	<u>180.00</u>

If Account CURRENT a
Discount of \$ 492.93
will be Allowed ONLY If
Paid Within 30 Days from
Date of Invoice.

Total

\$2,464.63

Thank you!

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

15-007-22433-0000

3-2627, Russell, Kansas

Phone Plainville 913-434-2812

316-793-5861, Great Bend, Kansas

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

4704

Home Office P. O. Box 31

Russell, Kansas 67665

NEW WELL

Date	2-10-94	Sec.	12	fwp.	355	Range	14W	Called Out	8:00AM	On Location	10:00AM	Job Start	12:30P	Finish	2:00P
Lease	STERNBERGER	Well No.	8	Location	HARDNER 800-5/5			County	BATON	State	KANSAS				
Contractor	DUKE #5														
Type Job	ROTARY Plug														
Hole Size	7 7/8			T.D.	5000'										
Csg.	8 5/8			Depth	342'										
Tbg. Size				Depth											
Drill Pipe	4 1/2			Depth	450'										
Tool				Depth											
Cement Left in Csg.				Shoe Joint											
Press Max.				Minimum											
Meas Line				Displace											
Perf.															

EQUIPMENT

Pumptrk	No.	Cementer	272	NEAL R
	265	Helper		CARL B
Pumptrk	No.	Cementer		
		Helper		
		Driver		MARK B
Bulktrk	256			
Bulktrk		Driver		

DEPTH of Job 450'

Reference:	Pump Truck	430.00
28	Mileage	63.00
1	8 5/8 Dry Hole Plug	21.00
	<small>Sub-Total</small>	
	<small>Tax</small>	
	Total	514.00

Remarks: 1st Plug 450' w/ 305x

2nd Plug 370' w/ 505x

40' w/ Dry Hole Plug 105x

Moose Hole 105x

VAT Hole 155x

Owner C.M.X INC.
 To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To C.M.X INC.
 Street 150 N. MAIN Suite 1026
 City Wichita State KS 67202

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.

X. *[Signature]*

CEMENT

Amount Ordered 115 5x 60/40 poz 626 Gal

Consisting of

Common	69	5.75	396.75
Poz. Mix	46	3.00	138.00
Gel.	7	7.00	49.00
Chloride			
Quickset			

Handling 115 1.00 115.00

Mileage 28 128.80

Total 827.55

Floating Equipment

Total \$ 1341.55

Disc - 268.31

\$ 1073.24

TELEPHONE:
AREA CODE 913 483-2627

15-007-22433-0000
ALLIED CEMENTING COMPANY, INC.
P. O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

TO: C.M.X., Inc.
150 N. Main, Suite #1026
Wichita, KS 67202

INVOICE NO. 65903
PURCHASE ORDER NO. _____
LEASE NAME Sternberger #8
DATE 2-10-94

SERVICE AND MATERIALS AS FOLLOWS:

Comon 69 sks @\$5.75	\$396.75	
Pozmix 46 sks @\$3.00	138.00	
Gel 7 sks @\$7.00	<u>49.00</u>	\$ 583.75
Handling 115 sks @\$1.00	115.00	
Mileage (28) @\$.04¢ per sk per mi	128.80	
Rotary Plug	430.00	
Mi @\$2.25 pmp trk chg	63.00	
1 plug	<u>21.00</u>	<u>757.80</u>
	Total	\$1,341.55

If Account CURRENT a
Discount of \$ 265.31
will be Allowed ONLY If
Paid Within 30 Days from
Date of Invoice.

Thank you!

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

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WICHITA, KS