

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

City/State/Zip Wichita, KS 67202

Purchaser: North American Energy

Operator Contact Person: Doug McGinness II

Phone (316) 269-9052

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Doug McGinness II

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, MSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: T.D.R. Exploration

Well Name: #1 Miller

Comp. Date 04/85 Old Total Depth 4410'

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

05-04-93 05-17-93 06-09-93
Spud Date Date Reached TD Completion Date

API NO. 15- 155-21,008-00-02

County Reno

SW NE SE Sec. 311 Twp. 25S Rge. 8W

1650 Feet from (SW) (circle one) Line of Section

990 Feet from (EW) (circle one) Line of Section

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

Lease Name Miller "OWWO" Well # 1

Field Name Wildcat

Producing Formation Mississippi

Elevation: Ground 1653' KB 1658'

Total Depth 4410' PBT 4390'

Amount of Surface Pipe Set and Cemented at 302' old hole 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 cnt.

Drilling Fluid Management Plan ALT 1 JH 2-28-94
(Data must be collected from the Reserve Pit)

Chloride content _____ bbls
Devatering method used 2-17-84

Location of fluid disposal FEB 17 1994

Operator Name CONSERVATION DIVISION
WICHITA, KS
Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

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 02/14/94

Subscribed and sworn to before me this 14th day of February, 1994.

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

Operator Name CMX, Inc. Lease Name Miller "OWWO" Well # 1

Sec. 31 Twp. 25S Rge. 8W East County Reno 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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See Attached Sheet		
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E.Logs Run:	<u>SONIC BOND</u>			
	<u>Kcc</u>			
	<u>JH</u>			

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 set	by previous operator.						
Production	7-7/8"	5-1/2"	14#	4408'	Thixotropic Gilsonite; 5# Flo Seal	150	2% Gel; 8# Calseal; 1/4#

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	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth
2	3902' to 3910'	1000 Gals 7-1/2% MCA 3902'-10'
	3910.5' to 3922.5'	2500 Gals 12% HCL & 3% HFL Acid
		40,500# 12/20 sand & 40,000 Gals gel clayfix water

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
		2-3/8"	3850'			
Date of First, Resumed Production, SWD or Inj.			Producing Method			
September 4, 1993			<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
	0		500		80	

Disposition of Gas:	<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease	METHOD OF COMPLETION	Production Interval
(If vented, submit ACO-18.)	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled		3902'-3910'
	<input type="checkbox"/> Other (Specify) _____		3910.5'-3922.5'

ORIGINAL

ACO-1 Side Two (Cont.)

API No.: 15-155-21,008-00-01
Operator: CMX, Inc. - License #03532
Lease: #1 Miller "OWWO"
Location: SW NE SE of 31-25S-8W
County: Reno

Tops: Log

Lansing	3360	(-1702)
Choerkee Shale	3848	(-2190)
Mississippi	3900	(-2242)
Top Breccia	3918	(-2260)
Mississippi Lime	3960	(-2302)
Kinderhook Shale	3999	(-2341)
Woodford	4110	(-2452)
Maquokata	4132	(-2474)
Sylvan	4183	(-2525)
Viola	4212	(-2554)
Simpson Shale	4277	(-2619)
Simpson Sand	4281	(-2623)
Arbuckle	4370	(-2712)

RECEIVED
KANSAS CORPORATION COMMISSION
2-17-94
FEB 17 1994

CONSERVATION DIVISION
WICHITA, KS

ORIGINAL



HALLIBURTON SERVICES

ORIGINAL

REMIT TO: P.O. BOX 951046 DALLAS, TX 75395-1046

INVOICE

A Halliburton Company

INVOICE NO.	DATE
324703	05/17/1993

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
MILLER OWWO 1		RENO		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE			TICKET DATE
PRATT	DUKE DRILLING CO	CEMENT PRODUCTION CASING			05/17/1993
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
131355	DOUG MCGINNESS			COMPANY TRUCK	50841

CMX INC.
1026 UNION CENTER BLDG
WICHITA, KS 67202

PAID
JUN 10 1993

DIRECT CORRESPONDENCE TO:
FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

#4379

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - EASTERN AREA 1					
000-117	MILEAGE	37	MI	2.75	101.75
		1	UNT		
001-016	CEMENTING CASING	4409	FT	1,410.00	1,410.00
		1	UNT		
019-241	CASING SWIVEL W/O WALL CLEANER	1	JOB	155.00	155.00
030-016	CEMENTING PLUG 5W ALUM TOP	5 1/2	IN	60.00	60.00
		1	EA		
018-317	SUPER FLUSH	12	SK	100.00	1,200.00
12A	GUIDE SHOE - 5 1/2" 8RD THD.	1	EA	121.00	121.00
825.205					
24A	INSERT FLOAT VALVE - 5 1/2" 8RD	1	EA	110.00	110.00
815.19251					
27	FILL-UP UNIT 5 1/2"-6 5/8"	1	EA	46.50	46.50
815.19315					
40	CENTRALIZER 5-1/2" X 7 7/8"	5	EA	44.00	220.00
807.93022					
320	CEMENT BASKET 5 1/2"	1	EA	110.00	110.00
800.8883					
504-308	CEMENT - STANDARD	25	SK	6.76	169.00
504-308	CEMENT - STANDARD	150	SK	6.76	1,014.00
507-277	HALLIBURTON-GEL BENTONITE	3	SK	15.50	46.50
508-291	GILSONITE BULK	1200	LB	.40	480.00
508-127	CAL SEAL 60	8	SK	20.70	165.60
507-210	FLOCELE	75	LB	1.40	105.00
500-207	BULK SERVICE CHARGE	221	CFT	1.25	276.25
500-306	MILEAGE CMTG MAT DEL OR RETURN	347.9295	TMI	.85	295.74
	INVOICE SUBTOTAL				6,086.34
	DISCOUNT-(BID)				1,095.52-
	INVOICE BID AMOUNT				4,990.82
***** CONTINUED ON NEXT PAGE *****					

RECEIVED
KANSAS CORPORATION COMMISSION

FEB 17 1994

CONSERVATION DIVISION
WICHITA, KS

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND

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ORIGINAL

INVOICE



HALLIBURTON SERVICES

A Halliburton Company

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

ORIGINAL

INVOICE NO.	DATE
324703	05/17/1993

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
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CMX INC.
1026 UNION CENTER BLDG
WICHITA, KS 67202

DIRECT CORRESPONDENCE TO:
FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
	*-KANSAS STATE SALES TAX				129.36
	*-PRATT COUNTY SALES TAX				26.40
<p>RECEIVED KANSAS CORPORATION COMMISSION 2-17-94 FEB 17 1994 CONSERVATION DIVISION WICHITA KS</p>					
INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>					\$5,146.58

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