

FORM MUST BE TYPED

SIDE ONE

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

Operator: License # 6236
Name: MTM Petroleum, Inc.
Address P.O. Box 82

City/State/Zip Spivey, KS 67142
Purchaser: NCRA
Operator Contact Person: Marvin A. Miller
Phone (316) 532-5178
Contractor: Name: VAL Energy, Inc.
License: 5822
Wellsite Geologist: Dean Patisson

Designate Type of Completion
 New Well Re-Entry Workover

 Oil SWD S1OW 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. _____

1/4/95 1/12/95 1/21/95
Spud Date Date Reached TD Completion Date

API NO. 15- 095-21701-0000
County Kingman
C SW SW Sec. 18 Twp. 27 Rge. 9 East West
660 Feet from S (circle one) Line of Section
660 Feet from E (circle one) Line of Section
(NOTE: Locate well in section plat below.)
Lease Name Steffen Well # 1
Field Name Dresden
Producing Formation Mississippi
Elevation: Ground 1724 KB 1729
Total Depth 4294 PBDT 4127
Amount of Surface Pipe Set and Cemented at 282 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 ALT I 3-13-96
(Date must be collected from the Reserve Pit) LC

Chloride content 54,000 ppm Fluid volume 960 bbls
Dewatering method used Pipeline
Location of fluid disposal if hauled offsite: _____

Operator Name RAMA Operating Co.
Lease Name Milburn A-2 License No. 3911
C-S¹/₂-SW Quarter Sec. 13 Twp. 27 S Rng. 10 EW
County Kingman Docket NO. _____

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Marvin A. Miller
Title President Date 4/18/95

Subscribed and sworn to before me this 18th day of April, 19 95.

Notary Public Beth K. Eslinger
Date Commission Expires 11-19-97

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)
STATE CORPORATION COMMISSION

BETH K. ESLINGER
Notary Public - State of Kansas
My Appt. Expires

Form ACO-1 (7-91)
CONSERVATION DIVISION
WICHITA, KANSAS
4-29-95

JAN 1990

SIDE TWO

Operator Name MTM Petroleum, Inc. Lease Name Steffen Well # 1
 Sec. 18 Twp. 27 Rge. 9 East County Kingman
 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.)

Formation Description		
	<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample
Name	Top	Bottom
Lansing Gp.	3466	-1737
Base KC Gp.	3870	-2141
Cherokee Gp.	3984	-2255
Mississippi Osage	4004	-2275
Mississippi Ls.	4054	-2325
Kinderhook Sh.	4084	-2355
Viola Dolo.	4272	-2543

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	# Sacks Used	Type and Percent Additives
Surface	12 1/4	8 5/8	28	282	60-40 Poz	235	2% Gel 3% CC
Production	7 7/8	5 1/2	14	4127	Asc.	125	3% C.L.
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
3	4008-4018			2000 Gal. 7 1/2% HCL		4008-18	
				with 105,000 GEL And 170,000 # Sand			
TUBING RECORD							
Size		Set At	Packer At	Liner Run			
2 3/8"		4020	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)						
1/27/95							
Estimated Production Per 24 Hours	Oil 9 Bbls.	Gas 35 Mcf	Water 50 Bbls.	Gas-Oil Ratio	Gravity		

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled Other (Specify) _____

Production Interval: 4008-4018

ALLIED CEMENTING CO., INC. 0939

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL SERVICE POINT: Medicine Lodge

DATE <u>1/12/94</u>	SEC. <u>18</u>	TWP. <u>27s</u>	RANGE <u>9W</u>	CALLED OUT <u>11:00 AM</u>	ON LOCATION <u>1:30 PM</u>	JOB START <u>5:30 PM</u>	JOB FINISH <u>7:00 PM</u>
LEASE <u>STEFFEN</u>	WELL# <u>1</u>	LOCATION <u>Petrolase 1s 1w 1s 3/4w N/S</u>		COUNTY <u>Kingman</u>	STATE <u>KS</u>		

OLD OR NEW (Circle one)

CONTRACTOR <u>Val Energy</u>	OWNER <u>Sam</u>
TYPE OF JOB <u>Cmt 9 1/2 Prod. CSG</u>	CEMENT
HOLE SIZE <u>7 7/8</u> T.D. <u>4294</u>	AMOUNT ORDERED <u>500 gal Mud Clean</u>
CASING SIZE <u>5 1/2 14"</u> DEPTH <u>4170</u>	<u>15 SKs 60/40 49 gal</u>
TUBING SIZE DEPTH	<u>125 SKs A.S.C. + 5# Kol-Sral</u>
DRILL PIPE DEPTH	
TOOL DEPTH	
PRES. MAX <u>1200</u> MINIMUM <u>100</u>	COMMON _____ @ _____
MEAS. LINE SHOE JOINT <u>41</u>	POZMIX _____ @ _____
CEMENT LEFT IN CSG. <u>41</u>	GEL _____ @ _____
PERFS.	CHLORIDE _____ @ _____

EQUIPMENT

PUMP TRUCK # <u>234</u> CEMENTER <u>Max Ball</u>	HELPER <u>Justin Hart</u>
BULK TRUCK # <u>242</u> DRIVER <u>Tim Sample</u>	
BULK TRUCK # _____ DRIVER _____	

HANDLING _____ @ _____	
MILEAGE _____ @ _____	
TOTAL _____	

REMARKS:

Cont 5 1/2 Prod CSG with 50 gal Mud Clean
Run Rod Hole with 15 SKs 60/40 49 gal Cmt with
125 SKs A.S.C. + 5# Kol-Sral wash up Pump-truck
Down Plug Displace 1st BBL Lead Plug Float
Hole

SERVICE

DEPTH OF JOB <u>4270</u>	
PUMP TRUCK CHARGE _____	
EXTRA FOOTAGE _____ @ _____	
MILEAGE _____ @ _____	
PLUG <u>5 1/2 Rubber</u> _____ @ _____	
TOTAL _____	

CHARGE TO: MTM Petroleum
STREET _____
CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

_____ @ _____	
_____ @ _____	
_____ @ _____	
_____ @ _____	
TOTAL _____	

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Max Ball

TAX _____
TOTAL CHARGE _____
DISCOUNT _____

PAID IN 30 DAYS
STATE CORPORATION COMMISSION
APR 20 1995
CONSERVATION DIVISION
WICHITA, KANSAS

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Allied" shall mean Allied Cementing Co., Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

—**TERMS:** Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "ALLIED" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "ALLIED," refunded directly to "CUSTOMER." For purposes of this paragraph, ALLIED and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

—**ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.

—**PRICES AND TAXES:** All merchandise listed in "ALLIED'S" current price schedule are F.O.B. ALLIED'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.

—**TOWING CHARGES:** ALLIED will make a reasonable attempt to get to and from each job site using its own equipment. Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by ALLIED, will be charged to and paid by CUSTOMER.

—**PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of the cancellation.

—**DEADHAUL, CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in ALLIED'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

—**SERVICE CONDITIONS AND LIABILITIES:** 1. ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.

2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.

3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES: 1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the wilful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.

(C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

ORIGINAL

DST#1 (All pressures are field readings.)
Test Interval: 4000-4023'
Formation: Mississippian Osage
Tool Interval: 30"-45"-60"-60"
IHP: 1983#
IFP: 41-41#
ISIP: 966# (Building)
FFP: 72-83#
FSIP: 1029# (Building)
FHP: 1962#

API# 15-095-21701

Preflow: Strong off bottom of bucket in 30 seconds. No GTS.
Final Flow: Strong, gas in 57". Ga: 10.1 MCFD.

Recovery: 35' HO&GCM 30%O, 25%G, 35%M, 10%Filtrate
60' MGO 34%O, 40%G, 10%M, 16%Filtrate (Clorides: 41K)
60' GSMO 35%O, 55%G, 10%Filtrate

BHT: 125 deg.

DST#2
Test Interval: 4023-4035
Formation: Mississippi Osage
Tool Interval: 30"-60"-60"-90"
IHP: 1993#
IFP: 31-31#
ISIP: 1184# (Building)
FFP: 31-31#
FSIP: 1226# (Building)
FHP: 2115#

Preflow: Weak throughout, build to 3" in bucket.
Final Flow: Weak to fair, build to 4" in bucket.

Recovery: 80' GIP
40' SOCWM 2%O, 52%M, 46%Filtrate (Clorides: 28K)

BHT: 126 deg.

RECEIVED
STATE CORPORATION COMMISSION

APR 20 1995

REGULATION DIVISION
WICHITA, KANSAS

