

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

API NO. 15-095-217340000

County Kingman County, Kansas

160 E of C - SE - SW Sec. 20 Twp. 29S Rge. 7 XX W

660' Feet from (S)N (circle one) Line of Section

3040' Feet from (E)W (circle one) Line of Section

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

Lease Name Garrison Well # 1

Field Name Settle

Producing Formation Mississippian

Elevation: Ground 1542' KB 1547'

Total Depth 4250' PBDT 4180'

Amount of Surface Pipe Set and Cemented at 224' 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 AH.1, 4-2798 U.C.  
(Data must be collected from the Reserve Pit)

Chloride content 20,000 ppm Fluid volume 400 bbls

Dewatering method used hauled offsite

Location of fluid disposal if hauled offsite:

Operator Name T & C Op & Mfg

Lease Name Trenton License No. 5006

Quarter Sec. 2 Twp. 30S S Rng. 7 E/W

County Kingman Docket No. 7122

Operator: License # 6236

Name: MTM Petroleum, Inc.

Address P.O. Box 821  
100 S. Main

City/State/Zip Spivey KS 67142

Purchaser: \_\_\_\_\_

Operator Contact Person: Marvin A. Miller

Phone (316) 532-3794

Contractor: Name: Pickrell Drilling Co.

License: 5123

Wellsite Geologist: Jerry A. Smith

Designate Type of Completion  
     New Well      Re-Entry      Workover

X Oil      SWD      SLOW      Temp. Abd.  
X Gas      ENHR      SIGW  
     Dry      Other (Core, WSW, Expl., Cathodic, etc)

If Workovers:

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. \_\_\_\_\_

9-8-97 9-16-97 10-2-97  
Spud Date Date Reached TD Completion Date

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 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 Marvin A. Miller  
Title Marvin A. Miller, President Date 12-1-97

Subscribed and sworn to before me this 1st day of December, 1997.

Notary Public Kathy Hill  
Date Commission Expires Kathy Hill 01-04-99

**KATHY HILL**  
Notary Public - State of Kansas  
My Appt. Expires 01-04-99

**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)

Operator Name MTM Petroleum, Inc. Lease Name Garrison Well # 1  
 Sec. 20 Twp. 29S Rge. 7  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.)

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Heebnes SH	3122	(-1575)
Lansing	3350	(-1803)
Kansas City	3839	(-2292)
Miss.	4123	(-2576)

List All E.Logs Run:  
 Spectral Density Dual-Spaced Neutron  
 Dual Induction Laterolog  
 Cement Bond Log

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"	20#	224'	ASC	175	5# Kolseal
Production	7 7/8"	4 1/2"	10.5"	4239'	ASC	175	60:40 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	
		2	4124-4128'
2	4130-4134'	23300 Gal Delta Frac	perf
2	4142-4148'	4000 Gal Water Frac	
		6000 Gal HPH Breaker	

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
		2 3/8"	4115'					
Date of First, Resumed Production, SWD or Inj.			Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
11-12-97								
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	5		300		90			

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

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval 4124'  
4148'

# ORIGINAL

## MTM - GARRISON #1

API # 15-095-21,734000

160' EAST OF C SE SW

SEC 20 -T 29S - R 7W

SPUD: 9-8-97 \*\*\* COMPLETED 9-16-97

### COMPLETION REPORT

- 9-22-97: Logged hole and perforated 4124-4128; 4130-4134; 4142-4148. Moved in pulling unit; ran Halliburton PPI tool to bottom, circulated hole, cleaned with Mississippi saltwater, pressure tested tubing to 2500 lbs - shut down overnight.
- 9-23-97: Prepared to acidize perms. Acidized each perf with PPI tool with 150 gal. each, pulled tool out of hole and put on packer to swab load back. Load was 78 BBL, swabbed back 45 BBL, venting gas and 10% oil at 5 BBL per hr.
- 9-24-97: Continued swabbing load back, had 200 ft fresh oil on top, hit fluid 1900 ft down, finished swabbing load, last four pulls had 2-3 BBL per hour, venting good gas and about 15-20% oil. Getting ready to frac when location dries up.
- 9-29-97: Tagged fluid 1900' down; 1300 ft free oil on top, preparing to frac. Fracing well, 8.3 BPH avg, 1600 psi avg, 40 sacks MESH, 200 sacks 12/20 Sand, 40 sacks AC FRAC. Finished frac, pulled tubing and packer, ran tubing back for production, 20 ft mud. Anchor, tubing set at 4115'.
- 9-30-97: Ran rods and pump, set pumping unit for test. Pumped load back; well venting 200 MCF gas and 8 BBL oil per day. Waiting for gas line.

# ALLIED CEMENTING CO., INC.

6328

ORIGINAL

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

SERVICE POINT:

Medicine Lodge

DATE 9-9-97	SEC. 20	TWP. 29S	RANGE 7W	CALLED OUT 10:30 pm	ON LOCATION 1:45 Am	JOB START 8:45	JOB FINISH 9:00 Am
LEASE Carson	WELL# 1	LOCATION Page, 3N, 12W, N/S		COUNTY Kingman	STATE Kansas		

OLD OR NEW (Circle one)

CONTRACTOR Picknell Drilling

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 227

CASING SIZE 8 3/8 x 20" DEPTH 227

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX 100 MINIMUM 50

MEAS. LINE \_\_\_\_\_ SHOE JOINT —

CEMENT LEFT IN CSG: 15 Feet

PERFS: \_\_\_\_\_

OWNER MTM Petroleum  
CEMENT

AMOUNT ORDERED 175 sx 60:40:2+32 cc

COMMON A	105	@ 6.35	666.75
POZMIX	70	@ 3.25	227.50
GEL	3	@ 9.50	28.50
CHLORIDE	6	@ 28.00	168.00
		@	
		@	
		@	
		@	
		@	
HANDLING	175	@ 1.05	183.75
MILEAGE	175 x 40	.04	280.00

TOTAL \$1554.50

EQUIPMENT

PUMP TRUCK CEMENTER Carl Balding

# 255-265 HELPER Shane Winsor

BULK TRUCK

# 256-252 DRIVER James Holt

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

SERVICE

REMARKS:

Break circulation w/ Rieg pump

pump 5 BBLs fresh water pad

pump 175 sx 60:40:2+32 cc

Displace with 13.75 BBLs fresh water

Cement did circulate

DEPTH OF JOB	227		
PUMP TRUCK CHARGE	0-300'		470.00
EXTRA FOOTAGE		@	
MILEAGE	40	@ 2.85	114.00
PLUG	wooden 8 3/8"	@	45.00
		@	
		@	

TOTAL \$629.00

CHARGE TO MTM Petroleum

STREET P.O. Box 7

CITY SEVELY STATE KANSAS ZIP 67142

FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		

TOTAL \_\_\_\_\_

TAX \_\_\_\_\_

TOTAL CHARGE \$ 2183.50

DISCOUNT \$ 327.52 IF PAID IN 30 DAYS

NET \$ 1855.98

RECEIVED  
KANSAS CORP COMM

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 Doyle Folkerts

# ALLIED CEMENTING CO., INC.

3661

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

ORIGINAL

SERVICE POINT:

At Bend  
9-17-97

DATE <u>9-17-97</u>	SEC <u>20</u>	TWP <u>29</u>	RANGE <u>7</u>	CALLED OUT	ON LOCATION <u>8:00 PM</u>	JOB START <u>6:00 AM</u>	JOB FINISH <u>7:00 AM</u>
LEASE <u>Garrison</u>	WELL #	LOCATION <u>Range - 3N, 1 1/2 W, N/5</u>			COUNTY <u>Kingman</u>	STATE <u>Ks</u>	

OLD OR NEW (Circle one)

CONTRACTOR Picknell Dalg

TYPE OF JOB Production

HOLE SIZE 7 7/8" T.D. 4250'

CASING SIZE 4 1/2" DEPTH 4242 1/2'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 1300# MINIMUM

MEAS. LINE SHOE JOINT 29.84'

CEMENT LEFT IN CSG. 29.84'

PERFS.

OWNER Same

CEMENT

EQUIPMENT

PUMP TRUCK CEMENTER Tom D

# 181 HELPER Bob B

BULK TRUCK DRIVER John K

# 259

BULK TRUCK DRIVER

AMOUNT ORDERED 175 lbs ASC 5# Kol Seal / sh  
15 lbs 60/40 490 Mesh  
300 gal Mud Sweep

COMMON	<u>9</u>	@	<u>6.35</u>	<u>57.15</u>
POZMIX	<u>6</u>	@	<u>3.25</u>	<u>19.50</u>
GEL	<u>11</u>	@	<u>9.50</u>	<u>9.50</u>
CHLORIDE		@		
<u>Mud Sweep 300 gal</u>		@	<u>1.80</u>	<u>540.00</u>
<u>ASC-175</u>		@	<u>8.20</u>	<u>1435.00</u>
<u>Kol Seal - 875 #</u>		@	<u>.38</u>	<u>332.50</u>
		@		
HANDLING	<u>190</u>	@	<u>1.05</u>	<u>199.50</u>
MILEAGE	<u>40</u>			<u>304.00</u>

TOTAL \$ 2897.15

REMARKS:

Run 4242 1/2' of 4 1/2" casing. Backer cut  
Pumped 300 gal Mud Sweep followed  
by 175 lbs ASC 5# Kol Seal / sh.  
Washed line clean of cement  
Displaced plug with fresh water.  
Loaded plug at 1300#.  
Float did not hold - Shut in  
Plugged hole w/ 15 lbs 60/40 490 Mesh

SERVICE

DEPTH OF JOB	<u>4242 1/2'</u>		
PUMP TRUCK CHARGE			<u>1145.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>40</u>	@	<u>2.85</u> <u>114.00</u>
PLUG 1-4 1/2" Reducer		@	<u>38.00</u> <u>38.00</u>
1-Rotating Head		@	<u>N/C</u> <u>N/C</u>

TOTAL \$ 1297.00

CHARGE TO: MTM Petroleum

STREET PO Box 82

CITY Spivey STATE Ks ZIP 67142

FLOAT EQUIPMENT

<u>1-4 1/2" Reducer</u>	@	<u>140.00</u>	<u>140.00</u>
<u>1-4 1/2" Insert</u>	@	<u>235.00</u>	<u>235.00</u>
<u>4-4 1/2" Centrifuge</u>	@	<u>53.00</u>	<u>212.00</u>
	@		

TOTAL \$ 587.00

TAX - 0 -

TOTAL CHARGE # 4781.15

DISCOUNT # 717.17 IF PAID IN 30 DAYS

RECEIVED  
\$ 4063.98  
Net

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 [Signature]