

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

API NO. 15-077- 21344 0000

Operator: License # 6236

County Harper
150' South & 50' West of NE - NE - SE Sec. 2 Twp. 31S Rge. 7W

Name: MTM Petroleum, Inc.

2160 Feet from (S)N (circle one) Line of Section

Address P.O. Box 82

380 Feet from (E)W (circle one) Line of Section

City/State/Zip Spivey KS 67142

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

Purchaser: _____

Lease Name Tidwell Well # 1

Operator Contact Person: Marvin A. Miller

Field Name 1/4 mi South of Maple Grove S

Phone (316) 532-3794

Producing Formation Mississippian

Contractor: Name: Duke Drilling Co, Inc.

Elevation: Ground 1574' KB 1582'

License: 5929

Total Depth 4425' PBSD _____

Wellsite Geologist: Jerry A. Smith

Amount of Surface Pipe Set and Cemented at 254' Feet

Designate Type of Completion
 New Well Re-Entry Workover

Multiple Stage Cementing Collar Used? Yes No

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

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

If Workover:

feet depth to _____ w/ _____ sx cmt.

Operator: _____

Drilling Fluid Management Plan Att. 4-11-98 etc.
(Data must be collected from the Reserve Pit)

Well Name: _____

Chloride content 20,000 ppm Fluid volume 160 bbls

Comp. Date _____ Old Total Depth _____

Dewatering method used Hauled offsite

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

Location of fluid disposal if hauled offsite: _____

Operator Name Messenger Petroleum

11-21-97 11-29-97 1-28-98
Spud Date Date Reached TD Completion Date

Lease Name Nicholas SWD License No. 4706

Quarter 20 Twp. 30S S Rng. 8W E/W

County Kingman Docket No. D-27,434

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 3-3-98

Subscribed and sworn to before me this 3rd day of March, 1998.

Notary Public Kathy Hill
Date Commission 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 SLD/Rep NGPA
 KGS Plug Other (Specify)

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

Form ACD-1 (7-91)

3-5-98

SIDE TWO

Tidwell

Operator Name MTM Petroleum

Lease Name _____

Well # 1

Sec. 2 Twp. 31S Rge. 7W

East

County Harper

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
Heebner SH	3261	(-1679)
Stalnaker SS	3529	(-1947)
Kansas City	3790	(-2208)
Base/Kansas City	4040	(-2458)
Mississippian	4328	(-2746)

List All E.Logs Run:

Computer Analyzed Log
 Compensated Density Dual-Spaced Neutron Log
 Acoustic Cement Bond
 Dual Induction Laterolog

CASING RECORD New 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#	254'	60/40 Pos	165	3% CC, 2% Gel
Production	7 7/8	5 1/2"	14 & 15#	4415'	ASC	125	5# Gilsonite/

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 sh/ft	4328 - 4334'	AC FRAC	

TUBING RECORD

Size 2 7/8" Set At 4357' Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SUD or Inj. 2-19-98 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	2	150	260	75:1	

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

Production Interval Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

4328-
4334'

ALLIED CEMENTING CO., INC.

6397

Fax to: 316-337-6211

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

SERVICE POINT:

Attn: Virgil Clothier

Medicine Lodge

DATE 11-21-98	SEC 2	TWP. S18	RANGE 7E	CALLED OUT 11:00 AM	ON LOCATION 12:00 PM	JOB START 4:35 AM	JOB FINISH 4:55 AM
LEASE # 11111	WELL # 1	LOCATION Dyer n 23 E, 18, 20, 21 N		COUNTY Harper	STATE Kansas		

OLD OR NEW (Circle one)

CONTRACTOR Duke Drilling Co. OWNER _____

TYPE OF JOB Surface CEMENT

HOLE SIZE 14 5/8 I.D. 255

CASING SIZE 4 1/2 x (24) DEPTH 255 95

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX 350 MINIMUM 100

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15 feet

PERFS. _____

AMOUNT ORDERED 165 x 10 40:243cc

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

EQUIPMENT

PUMP TRUCK CEMENTER Carl Balding

257-302 HELPER Justin Hart

BULK TRUCK

242 DRIVER Steve Winson

BULK TRUCK

_____ DRIVER _____

TOTAL _____

REMARKS:

SERVICE

Fix in bottom break circulation
w/ Rig. Pump fresh water spacer
ump 165 x 10 40:243cc cement
in 4 1/2 pipes + Release pipe
Displace with 15 1/2 40lb fresh water
in 4 1/2 pipes shut 2N
(Cement in bottom) ✓

DEPTH OF JOB 255

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

PLUG ceden _____ @ _____

_____ @ _____

TOTAL _____

CHARGE TO: Duke Drilling Co.

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

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]

Rec'd
3-5-98

KCC - Virgil Clothier - from MTM Petroleum, Inc.

Date 11-28-99 District Med-ridge Ticket No. 5778
 Company MTM Petroleum Rig Duke 1
 Lease Tidwell Well No. 1
 County Hopper State Kan 99
 Location Duquoin Field 2-31579

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 52 Type _____ Weight 14.15 Collar _____

Casing Depths: Top KB Bottom 4419

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 7 7/8 T.D. 4429 ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 0.244 Lin. ft./Bbl. 40.98
 Open Holes: Bbls/Lin. ft. 0.102 Lin. ft./Bbl. 16.59
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. 0.309 Lin. ft./Bbl. 32.40
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____

Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:

Spacer Type: Mud sweep 200 Gal
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time _____ hrs. Type 60:40:4
 Excess _____
 Amt. 25 Sks Yield 1.41 ft³/sk Density 14.0 PPG

TAIL: Pump Time _____ hrs. Type ASC + 5" Kol-seal
 Excess _____
 Amt. 125 Sks Yield 1.57 ft³/sk Density 14.5 PPG

WATER: Lead 6.7 gals/sk Tail 2.23 gals/sk Total 25 Bbls.

Pump Trucks Used 255-245 SHANE WILSON
 Bulk Equip. 301 Mark Brungardt

Float Equip: Manufacturer Gemoco
 Shoe: Type Regular Guide shoe Depth 4419
 Float: Type AFV Insert Depth 4389
 Centralizers: Quantity 3 Plugs Top Rubber Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type Excluder Amt. 107 Bbls. Weight 8.34 PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE Don Aumiller

CEMENTER Carl Balding

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS	
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period		RATE Bbls Min.
12:45 AM						Pipe on bottom, break circuit in 1/rig	
1:15 AM	250			7	7	4.2	Start mud sweep flush
	0			12	5	2	2 - Pump 20 x 60:40:4 in NAT + 1 mobile hole
1:27 AM	400			47	35	6	Pump 125 x ASC + 5" Kol-seal
							Benefit IV - stop pumps
							switch valves + flush pumps + lines
							switch valves + release plug
1:35 AM	0			79	2	4	Start Displacement
	250			712	63	6	steady rate
1:45 AM	250						mud sweep turn shoe
1:47 AM	250			124	12	4.5	Cement turn shoe
							slow rate
1:48 AM	400			129	5	4.5	see lift pressure
	600			150	21	5.5	slow rate
1:55	1300			154	4		Dump Plug - Float Held

Rec'd
3-5-98

ALLIED CEMENTING CO., INC. 5778

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

SERVICE POINT:
Medicine Lodge

ORIGINAL

DATE <u>11-28-97</u>	SEC <u>2</u>	TWP. <u>31S</u>	RANGE <u>7W</u>	CALLED OUT <u>5:00 pm</u>	ON LOCATION <u>7:00 pm</u>	JOB START <u>1:15 AM</u>	JOB FINISH <u>1:55 AM</u>
LEASE <u>Tidwell</u>	WELL# <u>1</u>	LOCATION <u>Duquoin 2 1/2 E, 1S, W/S</u>			COUNTY <u>Harper</u>	STATE <u>Kansas</u>	

OLD OR NEW (Circle one)

CONTRACTOR Duke I
 TYPE OF JOB Production
 HOLE SIZE 7 1/8 T.D. 4429
 CASING SIZE 5 1/2-14+15 DEPTH 4419
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 1300 MINIMUM 200
 MEAS. LINE _____ SHOE JOINT 30
 CEMENT LEFT IN CSG. 30
 PERFS. _____

OWNER MTM Petroleum
CEMENT

AMOUNT ORDERED 25 x 60:40:4
125 x ASC + 5" Kel-seal
+ 300 Gal Mud sweep

COMMON _____ @ _____
 POZMIX _____ @ _____
 GEL _____ @ _____
 CHLORIDE _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING _____ @ _____
 MILEAGE _____ @ _____

EQUIPMENT

PUMP TRUCK CEMENTER Carl Balding
 # 255-265 HELPER Shane Winsor
 BULK TRUCK
 # 301 DRIVER Mark Brunhardt
 BULK TRUCK
 # _____ DRIVER _____

TOTAL _____

REMARKS:

pipe on bottom - Break circulation
w/Reg pump. Pump 300 Gal Mud Sweep
Dump 20 x 60:40:4 in Rat + Mouse Hole
Dump 125 x ASC + 5" Kel-seal + Cement
in switch valves wash pumps + lines
Release plug + Displace with 10780 lbs fresh
water, Bump Plug + Float Held

SERVICE

DEPTH OF JOB 4419
 PUMP TRUCK CHARGE _____
 EXTRA FOOTAGE _____ @ _____
 MILEAGE _____ @ _____
 PLUG Rubber _____ @ _____
 _____ @ _____
 _____ @ _____

TOTAL _____

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

FLOAT EQUIPMENT

1- Regular Guide shoe @ _____
1- AFV Insert @ _____
3- Centralizers @ _____
 _____ @ _____
 _____ @ _____

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.

TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Marvin M. Herby

Rec'd
35-98

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.