

MAY 28 2003

CONSERVATION DIVISION
WICHITA, KS

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

Form ACO-1
September 1999
Form Must Be Typed

COPY

Operator: License # 6236
Name: MTM Petroleum
Address: PO Box 82
City/State/Zip: Spivey, Kansas 67142
Purchaser: _____
Operator Contact Person: Marvin A. Miller
Phone: (620) 532-3794
Contractor: Name: Duke Drilling Co., Inc.
License: 5929
Wellsite Geologist: Jerry Smith
Designate Type of Completion:
☒ New Well ☐ Re-Entry ☐ Workover
☒ Oil ☐ SWD ☐ SLOW ☐ Temp. Abd.
☒ Gas ☐ ENHR ☐ SIGW
☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)
If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
☐ Deepening ☐ Re-perf. ☐ Conv. to Enhr./SWD
☐ Plug Back ☐ Plug Back Total Depth
☐ Commingled ☐ Docket No. _____
☐ Dual Completion ☐ Docket No. _____
☐ Other (SWD or Enhr.?) ☐ Docket No. _____
02-03-03 02-09-03 4-16-03
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

MAY 28 2003
CONFIDENTIAL

API No. 15 - 095-21832-00-00
County: Kingman County, Kansas
W2 SW NW Sec. 27 Twp. 29 S. R. 8 ☐ East ☒ West
3300 feet from (S) / N (circle one) Line of Section
330 feet from E / (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW (SW)
Lease Name: Francis "M" Well #: 1
Field Name: Spivey-Grabs-Basil
Producing Formation: Mississippian
Elevation: Ground: 1592' Kelly Bushing: 1600'
Total Depth: 4266' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 222 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 1 10/4 5-28-03
(Data must be collected from the Reserve Pit)
Chloride content 3000 ppm Fluid volume 80 bbls
Dewatering method used Hauled offsite
Location of fluid disposal if hauled offsite: _____
Operator Name: Messenger Petroleum
Lease Name: Nicholas SWD License No.: 4706
Quarter NW Sec. 20 Twp. 30 S. R. 8 ☐ East ☒ West
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 of 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: President Date: 5-28-03
Subscribed and sworn to before me this 28th day of May, 2003
Notary Public: Kathy Hill
My Appl. Expires 1-04-07

KCC Office Use ONLY

☒ Letter of Confidentiality Attached
If Denied, Yes ☐ Date: _____
☒ Wireline Log Received
☒ Geologist Report Received
☐ UIC Distribution

Released
JUL 18 2004
From
Confidential

Operator Name: **MTM Petroleum** Lease Name: **Francis "M"** Well #: **1**
 Sec. **27** Twp. **29** S. R. **8** ☐ East ☒ West County: **Kingman County, Kansas**

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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)

List All E. Logs Run:

Dual Induction Log
 Dual Compensated Porosity

☐ Log Formation (Top), Depth and Datum ☒ Sample

Name	Top	Datum
Heebner Shale	3220	(-1620)
Lansing	3446	(-1846)
B/Kansas City	3930	(-2330)
Mississippian	4170	(-2570)

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	# Sacs Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	23#	222'	60/40 Poz	165	3%cc 2%gel
Production	7-7/8"	5-1/2"	15.5#	4265'	ASC	100	5#/sk kolseal

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
____ Perforate				
____ Protect Casing				
____ Plug Back TD				
____ 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
4	4172-4182	2-26-03 Acidize with 1000	4182
4	4172-4176	gallons 10% Fe @ .75 bbl	
		3-1-03 24,000 gal ProFrac 25	4182
		4-10-03 Squeeze @ 4190'	
		Reperforate; Acidize with 750 gal. 15% DSFE	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 7/8"	4215'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. waiting for sales line	Producing Method <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

Disposition of Gas METHOD OF COMPLETION Production Interval

☐ Vented ☐ Sold ☐ Used on Lease ☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled
 (If vented, Sumit ACO-18.) ☐ Other (Specify) _____