KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

FEB 07 2003
KCC WICHITA

CONFIDENTIAL

COPY

Operator: License # 6236
Name: MTM Petroleum
Address: PO Box 82
City/State/Zip: Spivey, Kansas 67142-0082
Purchaser:
Operator Contact Person: Marvin A. Miller
Phone: (620) 532-3794
Contractor: Name: Duke Drilling Co.,Inc.
License: 5929
Wellsite Geologist: Jerry Smith

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Designate Type of Completion:

X New Well ___ Re-Entry ___ Workover

___ Oil ___ SWD ___ SIOW ___ 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.

11-30-02	12-06-02	1-05-03
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 077-21444-00-00
County: Harper County, Kansas
C NE NE Sec. 2 Twp. 31 S. R. 8 ☐ East ☒ West
660 feet from S / (N) (circle one) Line of Section
660 feet from (E) / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) (NE) SE NW SW
Lease Name: Fryar Well #: 1
Field Name: Spivey-Grabs-Basil
Producing Formation: Miss.
Elevation: Ground: 1641' Kelly Bushing: 1649'
Total Depth: 4470' Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at 221 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 2-10-03
(Data must be collected from the Reserve Pit)
Chloride content 5,000 ppm Fluid volume 300 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:
Title: Marvin A. Miller, Pres Date: 2-5-03

Subscribed and sworn to before me this 5th day of February, 2003.

KATHY HILL
Notary Public - State of Kansas
My Appt. Expires 01-04-07

Notary Public: Kathy Hill
Kathy Hill
Date Commission Expires: 01-04-07

KCC Office Use ONLY

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

Side Two

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COPY

Operator Name: MTM Petroleum Lease Name: Fryar Well #: 1

Sec. 2 Twp. 31 S. R. 8 ☐ East ☒ West County: Harper 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 (Attach Additional Sheets) ☒ Yes ☐ No

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 N/A
Dual Compensated Porosity Log
Sonic Bond Log

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

Name	Top	Datum
Heebner Shale	3391	(-1742)
Lansing	3634	(-1985)
B/Kansas City	4133	(-2484)
Mississippian	4380	(-2731)

RECEIVED
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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	# Sacjs Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	23#	221'	60/40 Poz	175	3%cc 2%gel
Production	7-7/8"	5-1/2"	15.5#	4466'	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				

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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 JSPF	4378'-4386'	750 gals 15% Fe acid	
		3000gals Ultravis pad	
		Fracture Treatment	

TUBING RECORD Size: 2 3/8" Set At: 4388' Packer At: Liner Run ☐ Yes ☒ No

Date of First, Resumerd Production, SWD or Enhr.: 2-3-03

Producing Method ☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	none	90	160	90:1	

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

METHOD OF COMPLETION: ☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled ☐ Other (Specify)

Production Interval