

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

Operator: License # 6236Name: MTM Petroleum, Inc.Address PO Box 82City/State/Zip Spivey KS 67142Purchaser: Peoples Natural GasOperator Contact Person: Marvin A. MillerPhone (316) 532-3794Contractor: Name: Duke Drilling Co, Inc.License: 5929Wellsite Geologist: Jerry A. Smith

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover☒ Oil ☐ SWD ☐ SOW ☐ Abandonment☒ Gas ☐ ENHR ☐ SIGW ☐ Other (Core, WSW, Expl., Cased, etc.)☐ Dry ☐ Other (Core, WSW, Expl., Cased, etc.)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD☐ Plug Back ☐ PBTD☐ Commingled ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☐ Other (SWD or Inj?) ☐ Docket No. _____Spud Date 11-18-98 Date Reached TD 11-25-98 Completion Date 12-18-98API NO. 15- 077-21,369 0000County Harper County, KansasE/2-SE-NE Sec. 2 Twp. 31S Rge. 7W3300 Feet from S/N (circle one) Line of Section330 Feet from E/W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name Oscar Smith Well # 2Field Name Maple Grove SouthProducing Formation MississippianElevation: Ground 1575' KB 1583'Total Depth 4411' PBTD 4400'Amount of Surface Pipe Set and Cemented at 263 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☐ No

If yes, show depth set _____ Feet

Alternate II completion, cement circulated from _____

Feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan AA-1, 3-5-99 U.C.
(Data must be collected from the Reserve Pit)Chloride content _____ ppm Fluid volume 240 bblsDewatering method used Hauled offsite

Location of fluid disposal if hauled offsite: _____

Operator Name Messenger PetroleumLease Name Nicholas SWD License No. 4706Quarter 20 Sec. 20 Twp. 30S Rng. 8W E/WCounty 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 Kathy HillTitle President Date 2-26-99Subscribed and sworn to before me this 26th day of February, 19 99.Notary Public Kathy HillDate 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 ☐ SWD/Rep ☐ NGPA
☐ KGS ☐ Plug ☐ Other (specify)

KATHY HILL
Notary Public - State of Kansas
My Appt. Expires 01-04-2000

Form ACO-1 (7-91)

Operator Name MTM Petroleum, Inc.

SIDE TWO

Lease Name Oscar Smith Well # 2Sec. 2 Twp. 31S Rge. 7W
☐ East
☐ WestCounty Harper County, Kansas

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 ☐ NoCores Taken ☐ Yes ☐ NoElectric Log Run ☐ Yes ☐ No
(Submit Copy.)

List All E.Logs Run:

Gamma Ray/Neutron Log

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

Name Top Datum

Heebner SH	3255 (-1672)
Stalnaker SS	3523 (-1940)
Kansas City	3782 (-2199)
Base/KC	4034 (-2451)
Mississippian	4311 (-2728)

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#	263'	60/40 Poz	200	3%cc;2%gel
Production	7 7/8"	5 1/2"	14.5#	4410'	ASC	125	

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
2/ft	4" HEC - 12 Shots 4234' to 4330'	1000 gal 15% Fe Acid	4330'

TUBING RECORD	Size	Set At	Packer At	Liner Run	☐ Yes ☐ No
	2 3/8"	4392'			
Date of First, Resumed Production, SMD or Inj.		Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)			
1-1-99					
Estimated Production Per 24 Hours	Oil 10 Bbls.	Gas 125 Mcf	Water 55 Bbls.	Gas-Oil Ratio 1:12.5	Gravity

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☐ Used on Lease
(If vented, submit ACO-18.)☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____4324-4330