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SIDE ONE

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

Operator: License # 9839
Name Pendulum Petroleum, Inc.
Address P.O. Box 1088
City/State/Zip Arkansas City, KS 67005

Purchaser none

Operator Contact Person Bob G. Bazzle
Phone 316-442-4629

Contractor: License # 5418
Name Allen Drilling Company

Wellsite Geologist Craig Bazzle
Phone 316-442-4629

Designate Type of Completion
☒ New Well ☐ Re-Entry ☐ Workover
☒ Oil ☐ SWD ☐ Temp Abd
☐ Gas ☐ Inj ☐ Delayed Comp.
☒ Dry ☐ Other (Core, Water Supply etc.)
If Old: old well Info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
☒ Mud Rotary ☐ Air Rotary ☐ Cable
12/11/87 12-20-87 12/20/87
Spud Date Date Reached TD Completion Date
4370'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 259 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
If alternate 2 completion, cement circulated
from feet depth to w/ SK cat
Cement Company Name
Invoice #

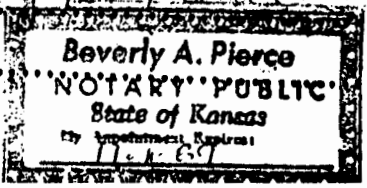
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply.
Information on side two of this form will be held confidential 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 drillers time log shall be attached with this form. 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 *Bob G. Bazzle*
Title PRESIDENT Date 6/27/88

Subscribed and sworn to before me this 27th day of June 1988
Notary Public Beverly A. Pierce

Date Commission Expires



API NO. 15-191-220,34
County Sumner
SW..SE..NE. Sec. 15 Twp. 34 Rge. 1 East
2970
990
Ft North from Southeast Corner of Section
Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

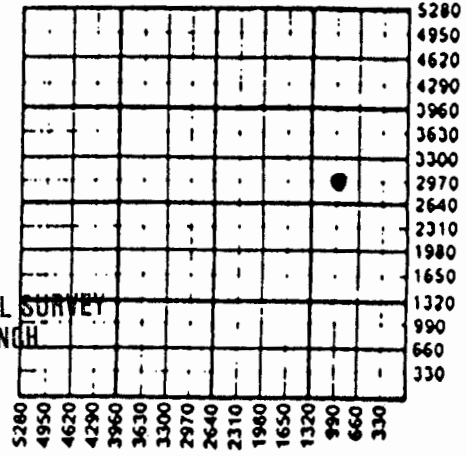
Lease Name Miller "A" Well # 1

Field Name n/a

Producing Formation n/a

Elevation: Ground 1160 KB 1165

Section Plat



JUL 18 1988
KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717
Source of Water:
Division of Water Resources Permit #

Groundwater Ft North from Southeast Corner (Well)
Ft West from Southeast Corner of
Sec Twp Rge East West

Surface Water Ft North from Southeast Corner (Stream, pond etc.)
Ft West from Southeast Corner
Sec Twp Rge East West

X Other (explain) purchased from landowner
(purchased from city, R.W.D. #)

K.C.C. OFFICE USE ONLY

F	Letter of Confidentiality Attached
C	Wireline Log Received
C	Drillers Timelog Received

Distribution

KCC	SWD/Rep	NGPA
KGS	Plug	Other

(Specify)

Sec 15 Twp. 34 Rge. 1 E

Operator NamePendulum Petroleum, Inc..... Lease Name.....Miller, "A".....Well #.....1.....

Sec.....15..... Twp.....34..... Rge.....1..... ☐ East ☒ West County.....Sumner.....

WELL LOG

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
Samples Sent to Geological Survey ☐ Yes ☒ No
Cores Taken ☐ Yes ☒ No

Formation Description
☐ Log ☐ Sample

Name Top Bottom

Mississippi 3961 - 4260

EXCL

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#	259'	60/40 Poz	175	3%cc; 2%gel
Production.....	12 1/4"	4 1/2"	9.5	4369'	50/50 Poz	175	2%cc; 2%gel
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth
2	3992-94			Acid-500 gal. 10% MCA			3994
				Acid-500 gal. 15% MA			3994
TUBING RECORD				Liner Run			
n/a	Size	Set At	Packer at	n/a	☐ Yes ☐ No		
Date of First Production	Producing Method						
n/a	☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....						
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
n/a	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented ☐ Open Hole ☒ Perforation
☐ Sold ☐ Other (Specify)
☒ Used on Lease ☐ Dually Completed
☐ Commingled