

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

X New Well Re-Entry Workover

X Oil SWD Temp Abd  
Gas Inj Delayed Comp.  
X Dry Other (Core, Water Supply etc.)

If OWD: old well info as follows:

Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Methods:

XX 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 SX cat  
Cement Company Name  
Invoice #

ATI D&O

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 290 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.

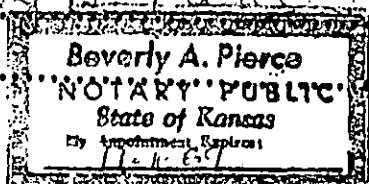
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

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. 15-191-220,34-0000  
County Sumner  
SW..SE..NE. Sec. 15 Twp. 34 Rge 1 East X West

2970 Ft North from Southeast Corner of Section  
990 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

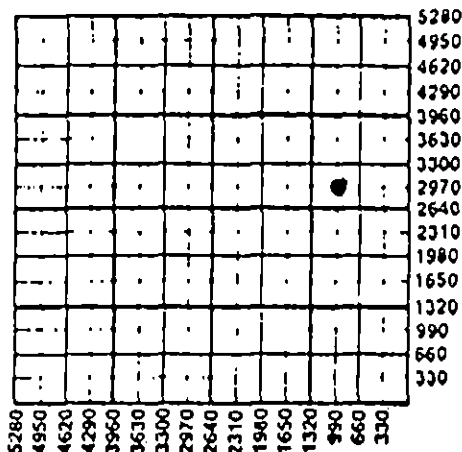
Lease Name Miller "A" Well 1

Field Name n/a

Producing Formation n/a

Elevation: Ground 1160 KB 1165

Section Plat



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  
D Drillers Time Log Received  
Distribution  
KCC SWD/Rep NGPA  
KGS Plug Other  
(Specify)

RECEIVED  
STATE CORPORATION COMMISSION  
CONSERVATION DIVISION  
Wichita, Kansas

Form ACO-1 (5-86)

Sec. 15 Twp. 34 Rge 1 E

Operator Name .....Pendulum 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  
Samples Sent to Geological Survey  
Cores Taken

☐ Yes/  
☐ Yes  
☐ Yes

☒ No  
☒ No  
☒ No

Formation Description  
☐ Log  
☐ Sample

NameTopBottom

Mississippi chert3961 - 4260

KKK

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  
Shots Per FootSpecify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record  
(Amount and Kind of Material Used)Depth

|   |         |                       |      |
|---|---------|-----------------------|------|
| 2 | 3992-94 | Acid-500 gal. 10% MCA | 3994 |
|   |         | Acid-500 gal. 15% MA  | 3994 |

TUBING RECORD  
n/a

SizeSet AtPacker at

Liner Run  
n/a☐ Yes☐ No

Date of First Production  
n/a

Producing Method  
n/a☐ Flowing☐ Pumping☐ Gas Lift☐ Other (explain).....

| Estimated Production Per 24 Hours | Oil      | Gas     | Water    | Gas-Oil Ratio | Gravity |
|-----------------------------------|----------|---------|----------|---------------|---------|
| n/a                               | n/a Bbls | n/a MCF | n/a Bbls | CFPB          |         |

METHOD OF COMPLETION

Production Interval

Disposition of gas:  
☐ Vented  
☐ Sold  
☒ Used on Lease

☐ Open Hole☒ Perforation  
☐ Other (Specify) .....

☐ Dually Completed  
☐ Commingled