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 Farmland Industries, Inc.

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

Contractor: License # 5676
Name EDCO Drilling Co.

Wellsite Geologist Craig D. Bazzle
Phone 316-442-4629

Designate Type of Completion
X New Well ___ Re-Entry ___ Workover

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

If OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
X Mud Rotary ___ Air Rotary ___ Cable

1-15-85 Spud Date | 2-8-85 Date Reached TD | 11-85 Completion Date

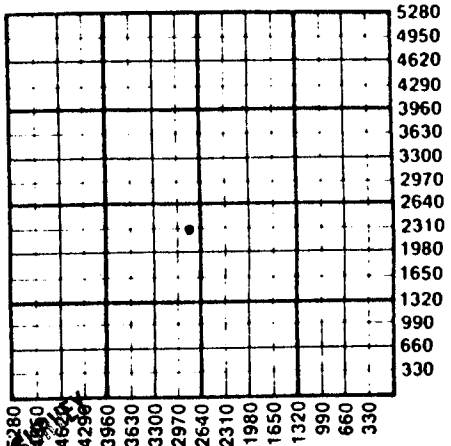
3500 Total Depth | PBTD

Amount of Surface Pipe Set and Cemented at 250 feet
Multiple Stage Cementing Collar Used? ___ Yes X No
If yes, show depth set feet
If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt
Cement Company Name Halliburton
Invoice # 917512

API NO. 15- 191-21,789
County Sumner
C E/2 NE SW Sec. 4 Twp 34S Rge. 2 X East ___ West
2310 Ft North from Southeast Corner of Section
2805 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Rogers Well # 1-A
Field Name
Producing Formation Mississippi
Elevation: Ground KB

Section Plat



APR 07 1986
CONSERVATION DIVISION
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. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 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.

requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have

SIDE TWO

Operator Name PENDULUM PETROLEUM, INC. Lease Name Rogers Well # 1-A

Sec. 4 Twp. 34S Rge. 2 [x] 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 [X] No
Samples Sent to Geological Survey [ ] Yes [X] No
Cores Taken [ ] Yes [X] No

Formation Description
[X] Log [ ] Sample

Name	Top	Bottom
Layton Sd.	2766	2908
Marm. Ls.	3134	3245
Mississippian	3405	3500 TD

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	.83 Bbls	MCF	96% Bbls	--- CFPB	34

METHOD OF COMPLETION

Production Interval

Disposition of gas: [ ] Vented [X] Used on Lease [ ] Sold

[ ] Open Hole [X] Perforation
[ ] Other (Specify) .....
[ ] Dually Completed

CASING RECORD [X] 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	24	250	common	150	3% cc
longstring	7 7/8	4 1/2	10.5	3492	50/50 poz mix	100	18% salt

PERFORATION RECORD Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3417 - 3419	1000 gal. diesel, 15 gal. hyflo	3411
4	3409 - 3411	Acid - 1500 gal. 15% FE	3411
		Acid-1500 gal. 15% NE	
		Fracture 12/20 & 20/40 sand	3411

TUBING RECORD Size 2" Set At 3400 Packer at Liner Run [ ] Yes [X] No

Date of First Production 10-85

Producing Method [ ] Flowing [X] Pumping [ ] Gas Lift [ ] Other (explain).....