

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 ... Koch Oil Co.  
Wichita, Ks.

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 Completion  
 Dry  Other (Core, Water Supply etc.)

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

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

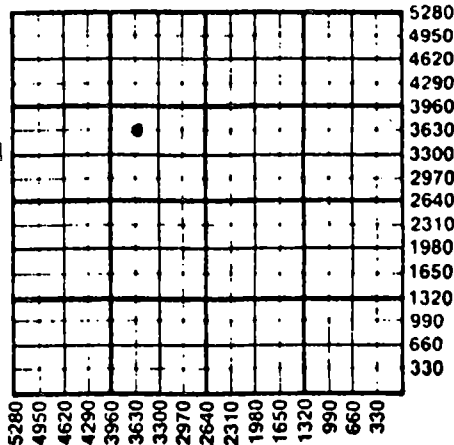
5/14/88... 5/19/88... 6/8/88...  
Spud Date Date Reached TD Completion Date  
...3450'  
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 260 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/...SX cmt  
Cement Company Name  
Invoice #

API NO. 15-185-22514  
County...Stafford  
NW..SE NW.. Sec. 3.. Twp. 21 Rge. 11.. East  
West  
3630... Ft North from Southeast Corner of Section  
3630... Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name...Snider B. Well #1  
Field Name...Snider  
Producing Formation...Kansas City  
Elevation: Ground...1780 1775 KB...1750

Section Plat



RECEIVED  
STATE CORPORATION COMMISSION  
DEC 30 1988  
CONSERVATION DIVISION  
Wichita, Kansas

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

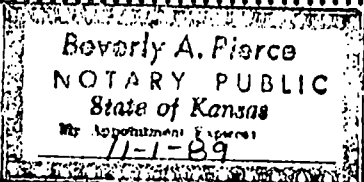
Other (explain) Supplied by Drilling Co.  
(purchased from city, R.W.D. #)

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 ... 11/25/88

Subscribed and sworn to before me this 25th day of November 19...88.  
Notary Public...Beverly A. Pierce  
Beverly A. Pierce  
Date, Commission Expires



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)  
12-30-88 X(1)  
Form ACO-1 (5-86)

Sec 3, Twp 21, Rge 11, E

Operator Name Pendulum Petroleum, Inc. Lease Name Snider B Well # 1

Sec. 3 Twp. 21 Rge. 11  East  West County Stafford

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

Douglas Sand

Total Depth 2948

Packer Depth 2935, 2941  
 30 min, 30 min, 60 min, 60 min,  
 final second closed in 700.1 lbs.  
 recovered-85' of gassy mud  
 120' of gassy water  
 205' total fluids

Name Top Bottom

Kansas City 3073 - 3274

CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> 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 1/2"	8 5/8"	23#	260'	60/40 Poz	175	2% gel, 3% cc
Production		4 1/2"	10.5#	3440'	50/50 Poz	200	18% salt
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	3162-64			Acid-250 gal. 15% Fe			3164
2	3148-50			Acid-750 gal. 15% FE			3150
2	3144-46			Acid-500 gal. 15% NE			3146
2	3137-39			Acid-2500 gal. 15% retarded			3139
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Size	Set At	Packer at			
6-8-88		2 3/8"	3150	n/a			
Date of First Production		Producing Method					
6-8-88		<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
14 Bbls		0 MCF	65 Bbls		CFPB		

METHOD OF COMPLETION

Production Interval

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