

Operator Name Spines Exploration, Inc. Lease Name Pember Well # 1

Sec. 21 Twp. 20S Rge. 24 East West County Ness

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 [X] Yes [] No
Samples Sent to Geological Survey [X] Yes [] No
Cores Taken [] Yes [X] No

Formation Description
[] Log [X] Sample

Table with 3 columns: Name, Top, Bottom. Rows include Anhy., Heebner, Lansing, Stark, B/K.City, Marmaton, Pawnee, Ft. Scott, Cherokee, Mississippi, RTD.

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CASING RECORD, PERFORATION RECORD, TUBING RECORD, Date of First Production, Producing Method, Estimated Production Per 24 Hours

METHOD OF COMPLETION

Production Interval

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

15-135-22745-0000

MAR 14 1985

State Geological Survey
WICHITA BRANCH

Re: Pember #1, 21-20-24W, Ness County, Kansas

Completion of Side Two, ACO-1 Form

DST#1 - 4374-4400 - 30/30/30/30, IH 2228, IF 10, FF 14, ISIP 1164,
FF 23 lbs., FSI 1005, FHS 2223, Rec. 10 ft. oil and water cut mud.

DST#2 - 4383-4416 - 30/60/45/90, IHS 2255, IF 23, FSI 1330, FF 44,
FSI 1166, Rec. 60 ft. of oil cut mud.

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Date: MAY 1 1986
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JUN 05 1986

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RECEIVED
STATE CORPORATION COMMISSION

MAR 12 1985

CONSERVATION DIVISION
Wichita, Kansas