ZAI Digital Infrastructure

ENERGY COMPUTE INTELLIGENCE

SIGNATURE REPORT · PUBLIC DEMONSTRATION

PECAN 47

Asset Evidence Review

A documented view of historical records, evidence boundaries and the next verification questions.

SUBJECT

PECAN 47 · oil reporting lease
RRC District 08 · Lease 52088

DOCUMENT

Public demonstration
October 16, 2026

STATUS

Self-commissioned sample
Unsigned · no customer transaction

PUBLIC DEMONSTRATION | Self-commissioned sample | No customer transaction

Grounded in Texas records. Designed to earn trust.

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01 Executive assessment

This self-commissioned sample organizes dated public-record evidence associated with the PECAN 47 oil reporting lease. Its purpose is to show which historical observations can be traced to retained records, which limitations govern their interpretation, and what a decision-maker would need to investigate next.

What the retained research establishes

The internal research key O/10/52088 maps to public Railroad Commission of Texas (RRC) District 08, Lease 52088. PECAN #201H (API 42-475-37637) is identified as a known associated well; whether it is the only producing well on the lease is UNKNOWN. The total lease-level well count remains UNKNOWN. [PC-001] [PC-002]

For April–June 2026, the retained Form PR capture reports casinghead-gas production of 6,041 Mcf, 6,009 Mcf, and 6,227 Mcf, respectively. The displayed gas disposition is Code 10 with an AR remark for the reported volumes. No Code 11 row appears in those captured months; its absence is not an independently filed zero. [PC-003] [PC-004]

Across those 91 calendar days, the recorded Code 10 volumes total 18,277 Mcf. The descriptive calculated mean is 200.846154 Mcf/calendar day, derived from the retained reporting window (see page 4). This is not a site measurement or evidence of fuel physically or commercially available. [PC-005]

Decision boundary

The record does not establish an individually attributable production history for well #201H, current usable gas, line pressure, compositional suitability, delivery rights, commercial offtake, or expected project performance. Customer-scope eligibility for this asset has NOT been established.
[PC-002] [PC-007]

Evidence status: This public demonstration summarizes historical public-record observations retained by ZAI. Source files are not attached, and this sample has not been released as a customer deliverable.

02 Asset identity and scope

Field	Documented identification / boundary
Review subject	PECAN 47 — oil reporting lease [PC-001]
Internal research identity	O/10/52088 [PC-001]
Public RRC query identity	District 08 / Oil Lease 52088 [PC-001]
Associated well	PECAN #201H / API 42-475-37637 [PC-002]
Unit of production reporting	Lease; NOT a well-specific allocation
Well count	UNKNOWN — one identified well is not a lease-wide inventory [PC-002]
Scope eligibility	Customer-scope eligibility NOT ESTABLISHED [PC-007]

Identity methodology

The internal district code 10 / public District 08 distinction is recorded in ZAI's dated identity record; it is a crosswalk between source conventions, not evidence of two different leases. Source dates and asset-level granularity must be preserved. [PC-001]

Commercial scope of this sample

The proposed Asset Evidence Review service organizes the target identity, a dated evidence inventory, unresolved documentary contradictions, material unknowns, and requests for further evidence. It does not constitute professional-engineering certification, a site visit, a flow test, current-fuel qualification, or investment approval. Any customer work would require separate service-scope and release authorization.

03 Historical reporting evidence

Source: Railroad Commission of Texas · Form PR (retained September 30, 2026 capture). The April–June 2026 Form PR observations represent the three-month window frozen for the bounded A01 research pilot, not the lease's complete production history. Values are lease-level Mcf and cannot automatically be attributed to any one API well. [PC-003]

Reporting month	Gas production (Mcf)	Displayed gas disposition
April 2026 [PC-003]	6,041 [PC-003]	Code 10; AR remark [PC-004]
May 2026 [PC-003]	6,009 [PC-003]	Code 10; AR remark [PC-004]
June 2026 [PC-003]	6,227 [PC-003]	Code 10; AR remark [PC-004]
Three-month total [PC-005]	18,277 [PC-005]	Captured Code 10 total [PC-005]

Production versus availability

The historical reporting system records quantities and dispositions under regulatory definitions. It does not show that the reported gas could be redirected for computing, that collection rights are available, or that treatment and pressure conditions are sufficient. A future site-specific feasibility study would require separate, current, site-specific evidence.

How the gas was coded

The retained capture displays Code 10 with an AR remark. Its case-specific Rule 32 basis has not been established in this review; no compliance determination is made. A missing Code 11 line must remain CODE_NOT_PRESENT, not be recast as an affirmatively reported zero. [PC-004] [PC-013] [PC-014]

A transparent calculation

6,041 + 6,009 + 6,227 = 18,277 Mcf reported over 91 calendar days. The descriptive mean is 18,277 ÷ 91 = 200.846154 Mcf/calendar day (rounded to six decimal places). This is reported-disposition arithmetic, not field-meter precision, a forecast, or qualified fuel supply. [PC-005]

04 What remains unknown

A useful evidence review should reduce uncertainty without pretending to eliminate it. The questions below determine what further source material would most improve a practical decision.

Unresolved question	Commercial implication / next required record
How many wells contribute to Lease 52088?	Obtain a dated lease-wide API/well census and any applicable allocation or commingling documents.
What precisely explains the AR remark?	Retrieve the applicable dated Rule 32 or disposition support record; do not infer compliance status from the remark.
Is any gas presently accessible and uncommitted?	Confirm current measured flow, contractual rights, gathering/purchaser arrangements, and the actual physical routing.
What current site measurements exist?	A project-specific assessment would require independently documented current flow, composition and pressure.
Can a defined project use the gas?	Only after pressure, composition, treatment, continuous flow, operating permissions, and equipment requirements have been assessed within an authorized scope.

A disciplined separation

Historical gas disposition is not current field availability. Lease-level production is not well-level production. A reported historical disposition is not proof of present-day site flow, accessible fuel or a project-ready supply.

05 Evidence trail and review boundaries

This demonstration summarizes where the historical observations come from and why the evidence boundaries matter. It is not a reproduction of the underlying regulatory source files.

REPORT REFERENCE	SOURCE FAMILY AND LIMITATION
PC-001 / PC-002	RRC District 08, Oil Lease 52088 and associated PECAN #201H identification. Lease-wide producing-well count is not established.
PC-003 / PC-004 / PC-013	RRC Form PR reporting for April–June 2026. Production and gas-disposition data are historical, lease-level records.
PC-005	Calculated total: 18,277 Mcf across the reported 91-day window. The mean of 200.846154 Mcf/day is descriptive arithmetic, not measured usable supply.
PC-007	Customer-scope eligibility has not been established. This public example is not a certified, released client assessment.
PC-014	The Rule 32 basis associated with the AR remark was not established. No compliance finding is made.

Independent verification boundary

Prior bounded research checks do not constitute independent verification of every source cited in this public example. Any client deliverable requires its own scope, source validation and authorized release.

06 Reading this sample

This is a public demonstration of ZAI's evidence-review approach, based on a self-commissioned historical research sample. It was not ordered by a customer and is not a current field assessment.

What a reader can take from it

The report shows how an asset is identified, how dated regulatory observations are organized, and where material uncertainties remain explicit. The historical figures are not a forecast, a well-specific allocation, a compliance conclusion or evidence of fuel available for a project.

What a commissioned engagement would require

A separately agreed scope, review of relevant source records, resolution of material gaps and a controlled customer-specific deliverable.

THE VALUE OF THIS REPORT IS NOT IN WHAT IT PROMISES.
IT IS IN WHAT IT DOCUMENTS — AND WHAT IT MARKS AS UNKNOWN.

PUBLIC DEMONSTRATION | Historical source period: April–June 2026 | Not a customer delivery

SELF-COMMISSIONED PUBLIC DEMONSTRATION

No customer commissioned, signed or received this report. It is an illustrative evidence review, not a professional-engineering certification or site-specific approval.

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