

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Oil Cons.
DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 20005. Lease Serial No.
NM 022584

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

Sun Federal #5

9. API Well No.

30-005-63311

10. Field and Pool, or Exploratory

Pecos Slope Abo

11. Sec., T., R., M., on Block and
Survey or Area 28-7S-26E

12. County or Parish

13. State

Chaves

NM

17. Elevations (DF, RKB, RT, GL)*

3739' GL

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Otherb. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other

2. Name of Operator

Pecos River Operating, Inc.

3. Address 550 W. Texas Ave., Suite 720
Midland, Texas 797013a. Phone No. (include area code)
(915) 620-8480

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 1980' FNL & 1400' FEL

Sec 28, T-7S, R-26E
At top prod. interval reported below Same

At total depth Same

14. Date Spudded

10-10-01

15. Date T.D. Reached

10-23-01

16. Date Completed

☐ D & A ☒ Ready to Prod.
11-21-0118. Total Depth: MD 5400'
TVD 5400'19. Plug Back T.D.: MD 5195'
TVD 5195'20. Depth Bridge Plug Set: MD
TVD N/A21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
GR-CNL-LDT-Caliper
GR-DLL-MSFL22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4	8 5/8 J5	24	0	954'	NA	620 sx			
						35:65 poz			
						200 sx C	259	Surface	
7 7/8	4 1/2 J5	10.5	0	5400	NA	750 sx			
						PV Light	190	3000' T.S.	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8	4302	NA						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Abo	3984	4634	4062-70	.32"	9	open
B)			4278-86	.32"	9	open
C)			4382-92	.32"	9	open
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
4062 - 4392'	2600 gal 75% MEFE HCl Acid
	66,000 gal 40Q CO2 Foam w/ 102,500# 16/30 Brady Sand

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
11/21/01	11-21	24	→	0	120	5 (load)	NA	.676	Flow
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
48/64	SI 85	120	→	0	120	5	NA	Producing	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

(See instructions and spaces for additional data on reverse side)

ACCEPTED FOR RECORD

FEB 11 2003

ARMANDO A. LOPEZ
PETROLEUM ENGINEER

Fax copy accepted by Armando Lopez on 2/5/02

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
San Andres	739	1865	Dolomite w/ water	San Andres	730
Glorietta	1865	3275	Dolomite /Sand w/ water	Glorietta	1865
Abo	3984	4634	Sand w/ dry gas	Tubb	3275
				Abo	3984
				Wolfcamp	4675
				Penn	5180
				Pre-Cambrian	5285

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- ☒ 1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey
☒ 5. Sundry Notice for plugging and cement verification 6. Core Analysis ☒ 7. Other: Totco Survey

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) William R. Huck

Title VP - Engineering & Production

Signature



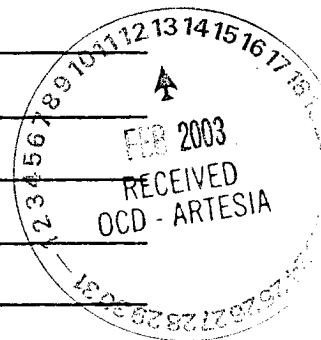
Date 12-11-01

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

WELL NAME AND NUMBER Sun Federal No. 5
LOCATION 1980' FNL & 1400' FEL, Section 28, T7S, R26E, Chaves County NM
OPERATOR Pecos River Operating, Inc.
DRILLING CONTRACTOR United Drilling, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and had conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1/4° 508'</u>	<u>3/4° 3500'</u>	<u> </u>
<u>1/2° 1010'</u>	<u>1/2° 4014'</u>	<u> </u>
<u>1/2° 1512'</u>	<u>3/4° 4516'</u>	<u> </u>
<u>1/2° 2013'</u>	<u>1° 5017'</u>	<u> </u>
<u>3/4° 2514'</u>	<u>1° 5400'</u>	<u> </u>
<u>3/4° 3015'</u>	<u> </u>	<u> </u>
<u>3/4° 3500'</u>	<u> </u>	<u> </u>
<u>1/2° 4014'</u>	<u> </u>	<u> </u>



Drilling Contractor United Drilling, Inc.
By: George A. Aho
Title: Business Manager

Subscribed and sworn to before me this 22nd day of October,
2001.

Karma Tanbursley
Notary Public

My Commission Expires: 9-25-03

Chaves NM
County State