

N.M. Oil Cons. Division

1625 N. French Dr.
Hobbs, NM 88240

Form 3160-5
(August 1999)

United States
Department of the Interior
Bureau Of Land Management
Sundry Notices And Reports on Wells
Do not use this form for proposals to drill or to re-enter an
Abandoned well. Use form 3160-3 (APD) for such proposals.

Form Approved
OMB No. 1004-0135
Expires November 30, 2000

SUBMIT IN TRIPLICATE - Other Instructions On reverse side		5. Lease Serial No. NMNM14000
1. Type of Well: <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator Pecos Production Company		7. If Unit or CA/Agreement, Name and/or No.
3. Address of Operator 400 W. Illinois, Ste 1070 Midland, Texas 79701		8. Well Name and No. Burluson Fed #3
3b. Phone No. (Include area code) (915) 620-8480		9. API Well No. 30-025-2957300S1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 26, T-18-S, R-32-E G 2310/N + 2310/E		10. Field and Pool, or Exploratory Area Querecho Plains
		11. County or Parish, State Lea Co, NM

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

Type Of Submission	Type Of Action			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Disposal of Water</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

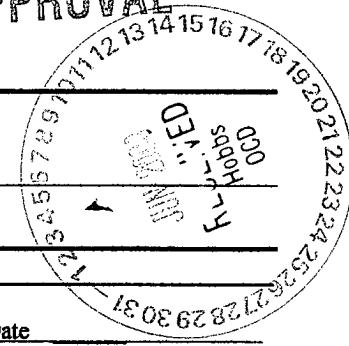
13. Describe proposed or completed operations. (clearly state all pertinent details, starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Request approval to dispose of produced water. Water is produced from the Delaware. A current water analysis is attached. The water will be delivered down stream to the Querecho Plains Central Facility operated by Mewbourne Oil Co., in the SE/4 and SW/4 of Section 23, T-18-S, R-32-E, Lea Co., NM.

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Tom S. Carrans	Title Production Superintendent
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Signature: <i>Tom S. Carrans</i>	Date 4/30/03
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THIS SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by (ORIG. SGD.) DAVID R. GLASS Conditions of approval, JUN 3 2003, are attached. Approval of this notice does not warrant or Certify that the applicant holds legal or equitable title to those rights in the subject lease Which would entitle the applicant to conduct operations thereon.	Title	Date
DAVID R. GLASS	Office	

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 State any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

GWV JUN 05 2003

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South Permian Basin Region
 10520 West I-20 East
 Odessa, TX 79765
 (915) 498-9191
 Lab Team Leader - Sheila Hernandez
 (915) 495-7240

Water Analysis Report by Baker Petrolite

Company:	PECOS PRODUCTION	Sales RDT:	33102
Region:	PERMIAN BASIN	Account Manager:	MIKE EDWARDS (505) 910-9517
Area:	EUNICE, NM	Sample #:	303311
Lease/Platform:	BURLESON FEDERAL	Analysis ID #:	34416
Entity (or well #):	1	Analysis Cost:	\$40.00
Formation:	UNKNOWN		
Sample Point:	HEATER		

Summary		Analysis of Sample 303311 @ 76 °F											
		Anions		mg/l		meq/l		Cations		mg/l		meq/l	
Sampling Date:	5/16/03	Chloride:	167487.0		4724.2	Sodium:	61394.1		2670.49				
Analysis Date:	5/22/03	Bicarbonate:	134.2		2.2	Magnesium:	4347.0		367.6				
Analyst:	ANNA McELANEY	Carbonate:	0.0		0.0	Calcium:	33555.0		1674.4				
TDS (mg/l or g/m3):	269530.3	Sulfate:	887.0		18.47	Strontium:	676.0		15.43				
Density (g/cm3, tonne/m3):	1.186	Phosphate:				Barium:	1.0		0.01				
Anion/Cation Ratio:	1	Borate:				Iron:	10.0		0.36				
		Silicate:				Potassium:	1039.0		26.57				
Carbon Dioxide:	100 PPM	Hydrogen Sulfide:			0 PPM	Aluminum:							
Oxygen:		pH at time of sampling:			6.5	Chromium:							
Comments:		pH at time of analysis:				Copper:							
		pH used in Calculation:			6.5	Lead:							
						Manganese:							
						Nickel:							

Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Gauge Press.	Calcite CaCO ₃		Gypsum CaSO ₄ ·2H ₂ O		Anhydrite CaSO ₄		Celestite SrSO ₄		Barite BaSO ₄		CO ₂ Press
		Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	
°F	psi											psi
80	0	0.79	10.02	0.25	204.49	0.30	184.18	0.11	53.63	0.35	0.27	0.18
100	0	0.86	11.10	0.18	156.01	0.29	180.93	0.09	44.96	0.17	0.27	0.22
120	0	0.92	12.46	0.12	110.51	0.31	189.32	0.09	43.88	0.01	0.00	0.26
140	0	0.98	13.54	0.07	69.34	0.36	206.93	0.10	48.48	-0.13	0.00	0.31

- Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.
- Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.
- Note 3: The reported CO₂ pressure is actually the calculated CO₂ fugacity. It is usually nearly the same as the CO₂ partial pressure.

Scale Predictions from Baker Petrolite

Analysis of Sample 303311 @ 75 °F for PECOS PRODUCTION, 5/22/03

