

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTN.M. OIL CONSERVATION DIVISION  
811 S. FIRST STREET  
ARTESIA, NM 88202FORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2014**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.**Lease Serial No.  
NM 38342

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

## 1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator  
Pecos River Operating, Inc.3a. Address  
PO box 1433, Roswell, NM 88202-14333b. Phone No. (include area code)  
575 622 10014. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1980 FSL, 990 FEL, Section 9, T7S, R26E

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.  
Helen Collins Federal #29. API Well No.  
30-005-6181410. Field and Pool or Exploratory Area  
Pecos Slope Abo11. County or Parish, State  
Chaves, NM

## 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

We plan to plug this well because it has been producing at un-economic rates for several years. The perforated interval is from 4075 to 4312'.

We propose to plug the well as follows:

Set a CIBP @ 4000' and dump 35' of cement on top to cover the perforated interval. The hole will then be loaded with 9# fluid pursuant to BLM Regulations:

Set a CIBP @ 1730' and dump 35' of cement on top to cover the top of the Glorietta Formation @ 1732' - WOC & Tag

Pump a 50 sx Class C plug @ 1186', the plug should fill approximately 770' of casing to cover squeezed perforations 1118-36, 8 5/8 casing shoe @ 874' and the top of the San Andres formation @ 623'. This plug will be tagged, if it tags deeper than 570' it will be re-pumped and re-tagged.

Finally a plug will be pumped to fill the casing from 60' to surface.

After plugging is complete, a dry hole marker will be installed and the location cleared and leveled.

NOTE: A detailed well bore diagram showing the current wellbore and plugging plan has been attached.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Phelps White

Title President

Signature

Date 09/13/2013

RECEIVED

OCT 21 2013

NMOCD ARTESIA

Accepted for record  
WOC & Tag NMOC 10/22/2013

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/S/ DAVID R. GLASS

Title PETROLEUM ENGINEER

Date SEP 30 2013

Conditions of approval, if any, 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.

Office ROSWELL FIELD 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 States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

APPROVED FOR 3 MONTH PERIOD

ENDING DEC 30 2013

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

Pecos River Operating, Inc.

WELL BORE DIAGRAM

PROPOSED PLUG PROGRAM

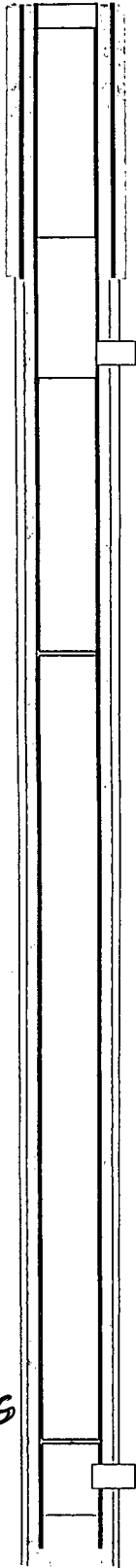
Pump plug @ 60' to fill casing to surface.

Pump 50 sx Plug @ 1186'  
To be tagged no deeper than 570'

Please See  
Stipulations  
CIBP 35' cmt @ 1730'

Note: After setting the first plug @ 4000', the well will be loaded with 9# plug mud

Please See  
Stipulations  
CIBP 35' cmt @ 4000'



Helen Collins Fed #2

Formation Tops

San Andres 623'

8 5/8" 24# J-55 @ 874', cmet w/ 650 sx, circulate 57 sx

Perforate San Andres 1118 to 1136.5, 8/20/83: Squeeze w/ 150 sx  
Re-perforate 1129-31, 8/27/83: re squeeze w/ 150 sx

Glorietta 1732

Abo 3896

Perforations: 4075 to 4312

PBTD 4528

4 1/2 10.5# J-55 @ 4590, 475 sx

**BUREAU OF LAND MANAGEMENT**  
**Roswell Field Office**  
**2909 West Second Street**  
**Roswell, New Mexico 88201**  
**(575) 627-0272**

**Permanent Abandonment of Federal Wells**  
**Conditions of Approval**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. **Plugging operations** shall commence within **ninety (90) days** from the approval date of this Notice of Intent to Abandon. **If you are unable to plug the well by the 90<sup>th</sup> day provide the BLM Roswell Field Office (RFO), prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when the BLM Roswell Field Office can expect the well to be plugged. Failure to do so will result in enforcement action. Unless the well has been properly plugged, the rig shall not be removed from over the hole without prior approval.**

2. **Notification:** Contact the BLM Roswell Field Office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, during office hours or after office hours call (575) 627-0205. Engineer on call during office hours phone (575) 627-0275 or phone (after hours) call (575) 626-5749.

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9090 feet; a 3M system for a well not deeper than 13636 feet; and a 5M system for a well not deeper than 22727 feet.

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at a rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.

5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. In lieu of a cement plug in cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 50 feet of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either class "C" for up to 7500 feet of depth, mixed at 14.8 lbs./gal with 6.3 gallons of fresh water per sack or class "H" for deeper than 7500 feet plugs, mixed at 16.4 lbs./gal with 4.3 gallons of fresh water per sack.

6. **Dry Hole Marker:** All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10 feet in length, 4 feet above the ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: Well name and number, the name of the operator, the lease serial number, the surveyed location (the quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer; such as metes and bounds).

7. **Subsequent Plugging Reporting:** Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to the BLM Roswell Field Office. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

Following the submittal and approval of the Subsequent Report of Abandonment, a Notice of Intent for Final Abandonment with the proposed surface restoration procedure must be submitted for approval.