

Submit To Appropriate District Office Two Copies <b>District I</b> 1625 N. French Dr., Hobbs, NM 88240 <b>District II</b> 811 S. First St., Artesia, NM 88210 <b>District III</b> 1000 Rio Brazos Rd., Aztec, NM 87410 <b>District IV</b> 1220 S. St. Francis Dr., Santa Fe, NM 87505	<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b> <b>Oil Conservation Division</b> 1220 South St. Francis Dr. Santa Fe, NM 87505 <div style="position: absolute; top: 0; right: 0; transform: rotate(-15deg); font-weight: bold; font-size: 1.2em;">             HOBBBS OCD              MAR 15 2019              RECEIVED           </div>	<b>Form C-105</b> Revised April 3, 2017																																	
<div style="display: flex; justify-content: space-between;"> <div style="width:60%;"> <b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b> </div> <div style="width:35%;">         1. WELL API NO.          30-025-37429          2. Type of Lease  <input checked="" type="checkbox"/> STATE    <input type="checkbox"/> FEE    <input type="checkbox"/> FED/INDIAN          3. State Oil &amp; Gas Lease No.       </div> </div>																																			
<div style="display: flex;"> <div style="width:60%;">         4. Reason for filing:  <input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)  <input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)       </div> <div style="width:40%;">         5. Lease Name or Unit Agreement Name          South Vacuum          6. Well Number: #221       </div> </div>																																			
7. Type of Completion: <input type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input checked="" type="checkbox"/> OTHER Recomplete New Zone																																			
8. Name of Operator                      Pogo Oil and Gas Operating                      ✓																																			
9. OGRID                      372000																																			
10. Address of Operator P.O. Box 3217 Hobbs, NM 88241																																			
11. Pool name or Wildcat WC-025 G-08 S183522N; WOODFORD (98311)																																			
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13. Date Spudded    9/7/2005    14. Date T.D. Reached    11/1/2005    15. Date Rig Released																																			
16. Date Completed (Ready to Produce)    1/25/2006    17. Elevations (DF and RKB, RT, GR, etc.)    3901' Gr																																			
18. Total Measured Depth of Well    14,592'    19. Plug Back Measured Depth    11,865'    20. Was Directional Survey Made?    On File    21. Type Electric and Other Logs Run    On File																																			
22. Producing Interval(s), of this completion - Top, Bottom, Name Woodford    11,460'-11,510'																																			
<b>CASING RECORD (Report all strings set in well)</b>																																			
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27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>11,460'-11,485'</td> <td>5000gal of 15% NE, FE, HCL acid.</td> </tr> <tr> <td>11,485'-11,510'</td> <td>Frac'd w/ 595,000gal of produced fresh slick water. 174,250# of 40/70 sand and 270,000# of 100 Mesh sand</td> </tr> </table>			DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	11,460'-11,485'	5000gal of 15% NE, FE, HCL acid.	11,485'-11,510'	Frac'd w/ 595,000gal of produced fresh slick water. 174,250# of 40/70 sand and 270,000# of 100 Mesh sand																											
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29. Disposition of Gas (Sold, used for fuel, vented, etc.) TSTM																																			
30. Test Witnessed By David Romero																																			
31. List Attachments None																																			
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit. None-Steel Portable																																			
33. Rig Release Date:																																			
34. If an on-site burial was used at the well, report the exact location of the on-site burial: Latitude                      Longitude                      NAD83																																			
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief																																			
Signature     Printed Name    M. Y. Merchant    Title    Production Manager Date 2/21/2019																																			
E-mail Address mymerch@penrocoil.com																																			

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

## OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 3, from.....to.....

No. 2, from.....to.....

No. 4, from.....to.....

## IMPORTANT WATER SANDS

**Include data on rate of water inflow and elevation to which water rose in hole.**

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology