

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone: (575) 393-6161 Fax: (575) 393-0720

District II
 811 S. First St., Artesia, NM 88210
 Phone: (575) 748-1283 Fax: (575) 748-9720

District III
 1000 Rio Brazos Road, Aztec, NM 87410
 Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
 1220 S. St. Francis Dr., Santa Fe, NM 87505
 Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico

Form C-101
 Revised July 18, 2013

Energy Minerals and Natural Resources

Oil Conservation Division

AMENDED REPORT

1220 South St. Francis Dr.

Santa Fe, NM 87505

HOBBS OCD
 JAN 14 2019
 RECEIVED

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 JAN 14 2019
 HOBBS OCD

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Pogo Oil & Gas Operating, Inc		² OGRID Number 372000
		³ API Number 30-025-37429
⁴ Property Code 319443	⁵ Property Name South Vacuum	⁶ Well No. 221

⁷ Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
N	22	18-S	35-E		910	South	1650	West	Lea

^{22a} Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
N	22	18-S	35-E		910	South	1650	West	Lea

⁹ Pool Information

⁹ Pool Name WC-025 8-08 5183522N; Woodford	⁹ Pool Code 98311
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Additional Well Information

¹¹ Work Type P	¹² Well Type O	¹³ Cable/Rotary n/a	¹⁴ Lease Type State	¹⁵ Ground Level Elevation 3901'
¹⁶ Multiple No	¹⁷ Proposed Depth 11,925'	¹⁸ Formation Woodford Shale	¹⁹ Contractor	²⁰ Spud Date 08/28/2005
Depth to Ground water		Distance from nearest fresh water well 1500'		Distance to nearest surface water

We will be using a closed-loop system in lieu of lined pits

²¹ Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
	17-1/2"	13-3/8"	48#	416'	630 Sacks	Sur
	12-1/4"	9-5/8"	40#	3,931'	1370 Sacks	Sur
	8-3/4"	7"	26&29#	12,745'	1220 Sacks	5,000'
Liner	6-1/4"	5"	18#	14,592'	250 Sacks	12,720'

Casing/Cement Program: Additional Comments

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²² Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Manual Double BOP	5000psi		

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that I have complied with 19.15.14.9 (A) NMAC <input type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input type="checkbox"/> , if applicable. Signature: <i>[Signature]</i> Printed name: <i>M. G. Merchant</i> Title: <i>Production Manager</i> E-mail Address: <i>mymench@penrcoil.com</i> Date: <i>1/14/19</i>	OIL CONSERVATION DIVISION	
	Approved By: <i>[Signature]</i>	
	Title: Petroleum Engineer	
	Approved Date: <i>01/14/19</i>	Expiration Date: <i>01/14/21</i>
	Conditions of Approval Attached	
	Phone: (575) 492-1236	