

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-104  
Revised August 1, 2011

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator name and Address Matador Production Company 5400 LBJ Freeway, Ste. 1500, Dallas, TX 75240		<sup>2</sup> GRID Number 228937
		<sup>3</sup> Reason for Filing Code/ Effective Date NW
<sup>4</sup> API Number 30 - 025-44722	<sup>5</sup> Pool Name TOWNSEND; PERMO UPPER PENN	<sup>6</sup> Pool Code 59847
<sup>7</sup> Property Code 322181	<sup>8</sup> Property Name NORTHEAST KEMNITZ	<sup>9</sup> Well Number 233H

II. <sup>10</sup> Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
O	22	16S	34E		155	S	2399	E	LEA

<sup>11</sup> Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	22	16S	34E		86	N	2287	E	LEA
<sup>12</sup> Lse Code S	<sup>13</sup> Producing Method Code P	<sup>14</sup> Gas Connection Date 11/01/18	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

III. Oil and Gas Transporters \* ESP

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
195160	Versado Gas Processors, LLC 1000 LA Street, #4700 Houston, TX 77002	G
214984	Plains Marketing, L.P. 17304 Preston Rd., Ste. 140 Dallas, TX 75252	O

\*Cement in hole 16374' - 16256'

IV. Well Completion Data

<sup>21</sup> Spud Date 05/01/18	<sup>22</sup> Ready Date 10/16/18	<sup>23</sup> TD 11666' - 16374'	<sup>24</sup> PBDT 16357'	<sup>25</sup> Perforations 11840' - 16256'	<sup>26</sup> DHC, MC ---
<sup>27</sup> Hole Size 05/02/18 Surf 17.5 05/06/18 Int1 12.25 05/12/18 Cement 8.75	<sup>28</sup> Casing & Tubing Size 13.375 54.5 J55 9.625 40 J55 0	<sup>29</sup> Depth Set 1672' 4600' 11514'	<sup>30</sup> Sacks Cement 2235 1.347 C 1405 1.35 C 352 0.956 H		
05/12/18 Cement 8.75	0	11514'	352 0.956 H		
05/12/18 Cement 8.75	0	11514'	140 0.99 H		
05/12/18 Cement 8.75	0	11514'	352 0.956 H		
06/26/18 Int2 8.75	7 29.0 P110	11806'	993 1.18 C		
06/26/18 Int2 8.75	7.625 29.7 P110	10823'	993 1.18 C		
06/26/18 Int2 8.75	7.625 29.7 P110	4505'	993 1.18 C		
07/08/18 Prod 6.125	5 18 P110	16357'	441 1.17 H		
07/08/18 Prod 6.125	5.5 23 P110	10710'	441 1.17 H		

V. Well Test Data

<sup>31</sup> Date New Oil 10/16/18	<sup>32</sup> Gas Delivery Date 11/01/18	<sup>33</sup> Test Date 11/03/18	<sup>34</sup> Test Length 24 hrs	<sup>35</sup> Tbg. Pressure ---	<sup>36</sup> Csg. Pressure ---
<sup>37</sup> Choke Size on pump	<sup>38</sup> Oil 564	<sup>39</sup> Water 1705	<sup>40</sup> Gas 668	<sup>41</sup> Test Method pumping	

<sup>42</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name:

Ava Monroe

Title:

Sr. Regulatory Tech

E-mail Address:

amonroe@matadorresources.com

Date:

02/05/19

Phone:

972-371-5218

OIL CONSERVATION DIVISION

Approved by:

Saren Sharp

Title:

Staff Mgr

Approval Date:

2-14-19

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 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> 2220 South St. Francis Dr. Santa Fe, NM 87505				<b>Form C-105</b> Revised April 3, 2017										
		1. WELL API NO. 30-025-44722														
		2. Type of Lease <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN														
		3. State Oil & Gas Lease No.														
<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>																
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)						5. Lease Name or Unit Agreement Name NORTHEAST KEMNITZ  6. Well Number: 233H										
7. Type of Completion: <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER																
8. Name of Operator Matador Production Company						9. OGRID 228937										
10. Address of Operator 5400 LBJ Freeway, Ste. 1500, Dallas, TX 75240						11. Pool name or Wildcat Townsend;Permo Upper Penn (59847)										
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County						
Surface:	O	22	16S	34E		155	S	2399	E	LEA						
BH:	B	22	16S	34E		86	N	2287	E	LEA						
13. Date Spudded 05/01/18	14. Date T.D. Reached 07/06/18		15. Date Rig Released 07/11/18		16. Date Completed (Ready to Produce) 10/16/18			17. Elevations (DF and RKB, RT, GR, etc.) 4084' GR								
18. Total Measured Depth of Well 11666 - 16374'			19. Plug Back Measured Depth 16357'		20. Was Directional Survey Made? Y			21. Type Electric and Other Logs Run GAMMA								
22. Producing Interval(s), of this completion - Top, Bottom, Name 11840' - 16256'; Wolfcamp								Cement in hole 16374 - 16357'								
<b>CASING RECORD (Report all strings set in well)</b>																
	CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED										
5/2/18	13.375/J55	54.5	1672	17.5	2235/C/1.347	0 (SURFACE)										
5/6/18	9.625/J55	40.0	4600	12.25	1405/C/1.35	0 (INT 1)										
5/12/18	0	CEMENT	11514	8.75	352, 0.956/H 140, 0.99/H, 352, 0.956/H; 0											
06/26/18	7/P110	29.0	11806	8.75	993/C/1.18	0 (INT 2)										
06/26/18	7.625/P110	29.7	10823	8.75	993/C/1.18	0 (INT 2)										
06/26/18	7.625/P110	29.7	4505	8.75	993/C/1.18	0 (INT 2)										
07/08/18	5.5/P110	23.0	10710	6.125	441/H/1.17	0 (PROD)										
07/08/18	5.0/P110	18.0	16357	6.125	441/H/1.17	0 (PROD)										
26. Perforation record (interval, size, and number) 11840 - 16256; 129 clusters/156 holes total @ 0.33"				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>11840 - 16256'</td> <td>12,598,270 lbs sand; fracture treat</td> </tr> <tr> <td>TBG: 2 7/8 6.5#</td> <td>EOT: 10,771'</td> </tr> </table>							DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	11840 - 16256'	12,598,270 lbs sand; fracture treat	TBG: 2 7/8 6.5#	EOT: 10,771'
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED															
11840 - 16256'	12,598,270 lbs sand; fracture treat															
TBG: 2 7/8 6.5#	EOT: 10,771'															
<b>PRODUCTION</b>																
Date First Production 10/16/18		Production Method (Flowing, gas lift, pumping - Size and type pump) pumping				Well Status (Prod. or Shut-in) prod.										
Date of Test 11/03/18	Hours Tested 24	Choke Size on pump	Prod'n For Test Period	Oil - Bbl 564	Gas - MCF 668	Water - Bbl. 1705	Gas - Oil Ratio 1184									
Flow Tubing Press. ---	Casing Pressure ---	Calculated 24-Hour Rate	Oil - Bbl. 564	Gas - MCF 668	Water - Bbl. 1705	Oil Gravity - API - (Corr.) 45.3										
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold						30. Test Witnessed By Brian Hebert										
31. List Attachments DS, Logs, C-102																
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.						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		Title			Date									
Ava Monroe		Ava Monroe		Sr. Regulatory Analyst			02/05/19									
E-mail Address amonroe@matadorresources.com    02/05/19																

# 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 1642/1643	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 3782/3784	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 6081/6084	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 9948/9952	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