

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 Rosehill Operating Company, LLC 16200 Park Row, Ste 300 Houston, TX 77084		<sup>2</sup> OGRID Number 372320
		<sup>3</sup> Reason for Filing Code/ Effective Date NW 07/13/2018
<sup>4</sup> API Number 30 - 025-44569	<sup>5</sup> Pool Name W-025 G-09 F263504N; Wolfcamp	<sup>6</sup> Pool Code 98117
<sup>7</sup> Property Code 319941	<sup>8</sup> Property Name Tatanka Federal	<sup>9</sup> Well Number 001H

**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
M	11	26S	35E		230	South	790	West	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
D	11	26S	35E		200-219	North	790-797	West	Lea

<sup>12</sup> Lse Code	<sup>13</sup> Producing Method Code Flowing	<sup>14</sup> Gas Connection Date	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date
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**III. Oil and Gas Transporters**

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
667883	Plains Marketing, LP	Oil
255074	ETC Field Services LLC	Gas

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**IV. Well Completion Data**

<sup>21</sup> Spud Date 5/28/2018	<sup>22</sup> Ready Date 06/18/2018	<sup>23</sup> TD 17163	<sup>24</sup> PBD 17069'	<sup>25</sup> Perforations 12845' - 17006'	<sup>26</sup> DHC, MC
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
17 1/2"	13 3/8"	953'	800 SXS CL C		
12 1/4"	10 3/4"	5070'	1025 SXS		
9 7/8"	7 5/8"	11590'	885 SXS		
6 3/4"	5"	17163'	750 SXS		

**V. Well Test Data**

<sup>31</sup> Date New Oil 7/13/20178	<sup>32</sup> Gas Delivery Date Flared	<sup>33</sup> Test Date 7/17/2018	<sup>34</sup> Test Length 24	<sup>35</sup> Tbg. Pressure 0.0	<sup>36</sup> Csg. Pressure 4029
<sup>37</sup> Choke Size 16/64	<sup>38</sup> Oil 311	<sup>39</sup> Water 2246	<sup>40</sup> Gas 374	<sup>41</sup> Test Method F	

<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: *Alva Franco*  
Printed name: Alva Franco  
Title: Regulatory Advisor  
E-mail Address: afranco@rosehillres.com  
Date: 7/17/2018  
Phone: 281/675-3420

OIL CONSERVATION DIVISION  
Approved by: *Karen Sharp*  
Title: *Staff Mgr*  
Approval Date: *7-18-18*

Documents pending BLM approval will subsequently be reviewed and scanned

Provide well data as required by NMOCD Horizontal Rule effective 6-26-18

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

**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.*

5. Lease Serial No.  
NMNM12280

6. If Indian, Allottee or Tribe Name

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

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

8. Well Name and No.  
TATANKA FEDERAL 001H

9. API Well No.  
30-025-44569

10. Field and Pool or Exploratory Area  
WOLFCAMP

11. County or Parish, State  
LEA COUNTY, NM

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
ROSEHILL OPERATING COMPANY, L.L.C. Contact: ALVA FRANCO  
Email: afranco@rosehillres.com

3a. Address  
16200 PARK ROW STE 300  
HOUSTON, TX 77084

3b. Phone No. (include area code)  
Ph: 281-675-3420  
Fx: 281-829-2676

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 11 T26S R35E 230FSL 790FWL  
32.051159 N Lat, 103.344890 W Lon

**12. CHECK THE APPROPRIATE BOX(ES) 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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<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 checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Production Start-up
	<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 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 must 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 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.

6/18/2018 Prep well for completion  
6/26/2018 MIRU begin 28 stage frac  
7/04/2018 Finish perforating and frac-perf 12845'-16856', 3.25" 1008 holes, Frac with 8,201,700 lbs of proppant, 241,262 bbls load fluid  
7/07 to 07/12/2018 Drillout frac plugs  
7/13/2018 Open well to flowback, date of First Production

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**JUL 18 2018**  
**RECEIVED**

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #427406 verified by the BLM Well Information System For ROSEHILL OPERATING COMPANY,LLC, sent to the Hobbs**

Name (Printed/Typed) ALVA FRANCO Title REGULATORY ADVISOR

Signature (Electronic Submission) Date 07/16/2018

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By \_\_\_\_\_ Title \_\_\_\_\_

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 \_\_\_\_\_

*Documents pending BLM approval will subsequently be reviewed and scanned*

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. any department or agency of the United

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

HOBBS OCD

JUL 18 2018

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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5. Lease Serial No. NMMN12280

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. TATANKA FEDERAL 001H

9. API Well No. 30-025-44569

10. Field and Pool, or Exploratory WOLFCAMP

11. Sec., T., R., M., or Block and Survey or Area Sec 11 T26S R35E Mer

12. County or Parish LEA

13. State NM

14. Date Spudded 05/28/2018

15. Date T.D. Reached 06/18/2018

16. Date Completed 06/18/2018  
 D & A  Ready to Prod.

17. Elevations (DF, KB, RT, GL)\* 3064 GL

18. Total Depth: MD 17163 TVD 12531

19. Plug Back T.D.: MD 17069 TVD 12531

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR/CCL

22. Was well cored?  No  Yes (Submit analysis)  
Was DST run?  No  Yes (Submit analysis)  
Directional Survey?  No  Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
6.750	5.000	18.0		17163		750		9830	
17.500	13.375	54.5	0	953		800		0	
12.250	10.750	45.5	0	5070		1025		0	
9.875	7.625	29.7	0	11590		885		875	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	12845	16856	12845 TO 16856	3.250	1008	PRODUCING
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
12845 TO 16856	FRAC W/241,262 BBLs OF FLUID AND 8,201,700 LBS OF PROPPANT

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
07/13/2018	07/17/2018	24	→	311.0	374.0	2246.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
64	SI	4026.0	→				1202		

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas:Oil Ratio	Well Status
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

Documents pending BLM approval will subsequently be reviewed and scanned

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #427689 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			▶						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			▶						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			▶						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			▶						

29. Disposition of Gas(Sold, used for fuel, vented, etc.)  
FLARED

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
CHERRY CANYON	6445	7739	SAND, SALTWATER, SHALE SND, SILTSTONE, SHALE LIMESTONE, SAND, SILTSTONE SHALE, LIMESTONE, O/G CARBONATE	CHERRY CANYON	6446
BRUSHY CANYON	7739	9085		BRUSHY CANYON	7740
BONESPRING 1ST	9085	10249		AVALON SAND	9086
BONESPRING	10249	11988		BONESPRING	10251
WOLFCAMP	12332				

32. Additional remarks (include plugging procedure):

Facility is still under construction. Flaring is due to waiting on approval of the sundry for an amendment to the gas line connection.

33. Circle enclosed attachments:

- |                                                       |                    |               |                       |
|-------------------------------------------------------|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7 Other:      |                       |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #427689 Verified by the BLM Well Information System.  
For ROSEHILL OPERATING COMPANY,LLC, sent to the Hobbs**

Name (please print) ALVA FRANCO Title REGULATORY ADVISOR

Signature (Electronic Submission) Date 07/17/2018

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.