

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 **HOBBS OCD**

**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

<sup>1</sup> Operator name and Address Caza Operating LLC 200 N. Lorraine St. #1550, Midland, TX 79701		<sup>2</sup> OGRID Number 249099	MAY 16 2018 <b>RECEIVED</b>
		<sup>3</sup> Reason for Filing Code/ Effective Date RT	
<sup>4</sup> API Number 30 - 0	<sup>5</sup> Pool Name 25-44508 WC-025 G-08 S2535340; Bone Spring	<sup>6</sup> Pool Code 97088	
<sup>7</sup> Property Code 317657	<sup>8</sup> Property Name Sioux 36 State	<sup>9</sup> Well Number 5H	

**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
D	36	25S	35E		50	North	330	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
M	36	25S	35E		156	South	625	West	Lea

<sup>12</sup> Lse Code	<sup>13</sup> Producing Method Code	<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

**III. Oil and Gas Transporters**

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
270202	Vitol Inc, 201 NW 10th St, #105, Oklahoma City, OK 73103	O
24650	Versado Gas Processors Targa Midstream Services, LLC 100 Louisiana, # 4300, Houston TX 77002	G
36401 C133-329	Quality Transportation 7 Crawford Lane, Jal NM 88252 <i>(New Mexico Water Transporter)</i>	W

**IV. Well Completion Data**

<sup>21</sup> Spud Date 3/18/2018	<sup>22</sup> Ready Date 05/16/2018	<sup>23</sup> TD 16905	<sup>24</sup> PBDT 16721	<sup>25</sup> Perforations 12325-16721	<sup>26</sup> DHC, MC
<sup>27</sup> Hole Size 17.5	<sup>28</sup> Casing & Tubing Size 13.375	<sup>29</sup> Depth Set 814	<sup>30</sup> Sacks Cement 735		
12.25	9.625	8978	2080		
8.5	5.5	16971	2105		

**V. Well Test Data**

<sup>31</sup> Date New Oil	<sup>32</sup> Gas Delivery Date	<sup>33</sup> Test Date	<sup>34</sup> Test Length	<sup>35</sup> Tbg. Pressure	<sup>36</sup> Csg. Pressure
<sup>37</sup> Choke Size	<sup>38</sup> Oil	<sup>39</sup> Water	<sup>40</sup> Gas		<sup>41</sup> Test Method

<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:	OIL CONSERVATION DIVISION Approved by: Title: <i>Staff Mgr</i> Approval Date: <i>5-16-18</i>
Printed name: Steve Morris	
Title: Contract Engineer	
E-mail Address: steve.morris@mojoenergy.com	
Date: 05/15/2018	Phone: 432-201-3031

Pending BLM approvals will subsequently be reviewed and scanned

Provide 24-hr OPT and tubing detail when available

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.  
NMNM0897

6. If Indian, Allottee or Tribe Name

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
BLACK & TAN FEDERAL COM 308H

2. Name of Operator  
APACHE CORPORATION

Contact: ALICIA FULTON  
E-Mail: Alicia.fulton@apachecorp.com

9. API Well No.  
30-025-44045

3a. Address  
303 VETERANS AIRPARK LANE  
MIDLAND, TX 79705

3b. Phone No. (include area code)  
Ph: 432-818-1088  
**HOBBS**

10. Field and Pool or Exploratory Area  
LEA-BONE SPRING

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 27 T20S R34E SESE 215FSL 742FEL

11. County or Parish, State  
LEA COUNTY, NM

MAY 16 2018

**RECEIVED**

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.

Apache completed the following work RR date 2/26/2018

3/11/18 test casing lines  
3/11-3/4/18 WO FRAC CREW  
3/24/18 MIRU PUMPCO FRAC FLEET  
3/25/18-4/2/18 PERF AND FRAC 25 STAGES 11273-15613  
TOTAL SAND 8,647,510  
TOTAL ACID 1,145 BBL  
4/3/18 RDMO  
4/26 PREP FOR DRILL OUT  
4/26-4/27 DRILL OUT PLUGS  
4/30/18 RIH W/WL OPEN WELL UP SET PRODUCTION PACKER @10620

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #420091 verified by the BLM Well Information System For APACHE CORPORATION, sent to the Hobbs**

Name (Printed/Typed) ALICIA FULTON Title SR REGULATORY ANALYST

Signature (Electronic Submission) Date 05/14/2018

**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 \_\_\_\_\_

Pending BLM approvals 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 willfully States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Department or agency of the United States

**Additional data for EC transaction #420091 that would not fit on the form**

**32. Additional remarks, continued**

5/1/18 MIRU/SPOT EQUIPMENT SD DUE TO WIND

5/3/18 UNLOAD AND TALLY 328 2 7/8 JTS

5/4/18 RUN 2 7/8 TUBING SET @10629

5/5/18 RU SAND SEPERATOR,MANIFOLD AND FLOWBACK LINE SDFN

5/11/18 SENT IN FIRST FLOW WITH SUNDRY AND PUT WELL ON PRODUCTION

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
NMNM0897

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resrv.  
 Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name  
7. Unit or CA Agreement Name and No.

2. Name of Operator APACHE CORPORATION Contact: ALICIA FULTON  
 E-Mail: Alicia.fulton@apachecorp.com

8. Lease Name and Well No.  
BLACK & TAN 27 FEDERAL COM 308F

3. Address 303 VETERANS AIRPARK LANE MIDLAND, TX 79705  
 3a. Phone No. (include area code) Ph: 432-818-1088

9. API Well No. 30-025-44045

4. Location of Well (Report location clearly and in accordance with Federal requirements) **HOBBS OCD**  
 At surface SESE Lot P 215FSL 742FEL  
 At top prod interval reported below SESE 569FSL 435FEL  
 At total depth NENE Lot A 298FNL 375FEL  
**MAY 16 2018**

10. Field and Pool, or Exploratory  
LEA-BONE SPRING

11. Sec., T., R., M., or Block and Survey  
or Area Sec 27 T20S R34E Mer

12. County or Parish LEA 13. State NM

14. Date Spudded 01/30/2018  
 15. Date T.D. Reached 02/24/2018 - 3/28/18  
 16. Date Completed  D & A  Ready to Prod. 05/05/2018

17. Elevations (DF, KB, RT, GL)\*  
3716 GL

18. Total Depth: MD TVD 15698 11125  
 19. Plug Back T.D.: MD TVD 15650  
 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
CBL-CNL-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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5	0	1735		1100		0	
12.250	9.625 J55	40.0	0	5691		2650		0	
8.750	5.500 P110	17.0	0	15698		1500		0	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	10629	10620						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONESPRING	11273	15613	11273 TO 15613			
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
11273 TO 15613	TOTAL SAND 8,647,510 TOTAL ACID 1145 BBL

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
05/05/2018	05/11/2018	24	→	129.0	45.0	692.0			GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→					POW	

28a. Production - Interval B

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

Pending BLM approvals will subsequently be reviewed and scanned

**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.)**

**SOLD**

**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.

**31. Formation (Log) Markers**

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
QUATERNARY	0	1605	SILTSTONE, SALT, ANHYDRITE	RUSTLER	1605
RUSTLER	1605	1964	ANHYDRITE, DOLOMITE	SALADO	1964
SALADO	1964	3541	ANHYDRITE, SALT, DOLOMITE, SS	TANSILL	3337
TANSILL	3337	3821	ANHYDRITE, SALT, DOLOMITE, SS	YATES	3541
YATES	3541	3821	SANDSTONE, ANHYDRITE, SILTSTONE	SEVEN RIVERS	3821
SEVEN RIVERS	3821	5785	DOLOMITE, SILTSTONE, ANHYDRITE	DELAWARE	5785
DELAWARE	5785	8600	SANDSTONE, SILTSTONE, AND LIME	BONE SPRING	8600
BONE SPRING	8600	15698	LIMESTONE AND SANDSTONE		

**32. Additional remarks (include plugging procedure):**

**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 #420099 Verified by the BLM Well Information System.  
For APACHE CORPORATION, sent to the Hobbs**

Name (please print) ALICIA FULTON Title SR REGULATORY ANALYST

Signature \_\_\_\_\_ (Electronic Submission) Date 05/14/2018

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.