

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

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

MAY 16 2018

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II. ¹⁰ Surface Location

UL or lot no. D	Section 36	Township 25S	Range 35E	Lot Idn	Feet from the 50	North/South Line North	Feet from the 330	East/West line West	County Lea
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¹¹ Bottom Hole Location

UL or lot no. M	Section 36	Township 25S	Range 35E	Lot Idn	Feet from the 156	North/South line South	Feet from the 625	East/West line West	County Lea
¹² Lse Code	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ 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
C133-329	Quality Transportation 7 Crawford Lane, Jal NM 88252 (New Mexico Water Transporter)	W

IV. Well Completion Data

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

V. Well Test Data

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

⁴² 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:
Steve Morris

Title:
Contract Engineer

E-mail Address:
steve.morris@mojoenergy.com

Date:
05/15/2018

Phone:
432-201-3031

OIL CONSERVATION DIVISION

Approved by: _____

Title: _____

Approval Date: _____

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 MANAGEMENTFORM 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

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

SUBMIT IN TRIPLICATE - Other instructions on page 28. Well Name and No.
BLACK & TAN FEDERAL COM 308H9. API Well No.
30-025-4404510. Field and Pool or Exploratory Area
LEA-BONE SPRING11. County or Parish, State
LEA COUNTY, NM1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
APACHE CORPORATION
Contact: ALICIA FULTON
E-Mail: Alicia.fulton@apachecorp.com3a. Address
303 VETERANS AIRPARK LANE
MIDLAND, TX 797053b. Phone No. (include area code)
Ph: 432-818-1088

HOBBS

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 27 T20S R34E SESE 215FSL 742FEL

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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 recompleat 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 recompleat 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 _____
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.

Title

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 will
States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Department or agency of the United

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			5. Lease Serial No. NMNM0897		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			6. If Indian, Allottee or Tribe Name		
2. Name of Operator APACHE CORPORATION			8. Lease Name and Well No. BLACK & TAN 27 FEDERAL COM 308H		
3. Address 303 VETERANS AIRPARK LANE MIDLAND, TX 79705			9. API Well No. 30-025-44045		
4. Location of Well (Report location clearly and in accordance with Federal requirements) At surface SESE Lot P 215FSL 742FEL At top prod interval reported below SESE 569FSL 435FEL At total depth NENE Lot A 298FNL 375FEL			10. Field and Pool, or Exploratory LEA-BONE SPRING		
14. Date Spudded 01/30/2018			11. Sec., T., R., M., or Block and Survey or Area Sec 27 T20S R34E Mer		
15. Date T.D. Reached 02/24/2018 - 3/28/18			12. County or Parish LEA		
16. Date Completed 05/05/2018			13. State NM		
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? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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
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)						

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

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

ELECTRONIC SUBMISSION #420099 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.)
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.

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