

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham
Governor

Sarah Cottrell Propst
Cabinet Secretary

Todd E. Leahy, JD, PhD
Deputy Secretary

Adrienne Sandoval, Division Director
Oil Conservation Division



Notice of C-104 Denial and Request for Information

OCD denies your C-104 – *Request for Allowable and Authorization to Transport* because it is incomplete or conflicts with other information provided to OCD.

The sale or transport of product without a C-104 approved by OCD violates the Oil and Gas Act and the implementing rules, including 19.15.7.15 and 19.15.16.19 NMAC.

To avoid an enforcement action, you must submit the indicated information no later than 30 days after receipt of this notice.

Test Allowable, New Well and Recompleted Well

Amend C-104

- ☒ C-103 (or BLM equivalent) for all casing strings
 - ☐ Spud Notice
 - ☐ Surface Casing
 - ☐ Intermediate Casing (if applicable)
 - ☐ Additional Intermediate Casing (if applicable)
 - ☒ Production Casing or Liner
- ☐ Applicable Order (NSL, NSP, Other _____)
- ☐ Deviation Survey for Vertical Wells
- ☐ Directional Survey
 - ☒ C-102 (As-Drilled Plat for Horizontal Well)

*Please Submit
C-103 hard
copies to
D.C.D. Physical
Office.*

New Well and Recompleted Well Only

- ☒ C-103 Completion Sundry (or BLM equivalent)
- ☒ C-105 Completion Report (or BLM equivalent)
- ☒ All Logs Run on Well

REVISE

If you have any questions please contact the local OCD District Office

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
OIL CONSERVATION
ARTESIA DISTRICT

Form C-104
Revised August 1, 2011

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

NOV 6 1 2019

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Caza Operating LLC 200N. Lorraine St #1550, Midland, TX 79701		² OGRID Number 249099
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30 - 0 15-45372	⁵ Pool Name Purple Sage; Wolfcamp	⁶ Pool Code 98220
⁷ Property Code 320546	⁸ Property Name FOREHAND RANCH NORTH 22 21 STATE	⁹ Well Number 4H

II. ¹⁰ Surface Location

UL or lot no. H	Section 22	Township 23S	Range 27E	Lot Idn	Feet from the 1440	North/South Line north	Feet from the 250	East/West line east	County Eddy
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¹¹ Bottom Hole Location

UL or lot no. D	Section 21	Township 23S	Range 27E	Lot Idn	Feet from the 1014	North/South line north	Feet from the 1251	East/West line west	County Eddy
¹² Lse Code S	¹³ Producing Method Flowing	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 34053	¹⁹ Transporter Name and Address Plains Marketing, LP 333 Clay St #1600, Houston, TX 77002	²⁰ O/G/W O
	Sendero Carlsbad Midstream LLC 1000 Louisiana St. #6900 Carlsbad, NM 77002	G
	Black River Water Management LLC 1 Lincoln Center, 5400 LBJ Freeway #1500, Dallas, TX 75240	W

IV. Well Completion Data

²¹ Spud Date 6/1/2019	²² Ready Date 9/26/2019	²³ TD 18309	²⁴ PBTD 18225	²⁵ Perforations 9567-18225	²⁶ DHC, MC
²⁷ Hole Size 17.5	²⁸ Casing & Tubing Size 13.375" J-55 54.5#	²⁹ Depth Set 450	³⁰ Sacks Cement 504sx		
12.25	9.625" HCL80 40#& HCL-80 47#	7483	2808sx		
8.75	5.5" P-110 20#	18309	4275sx		

V. Well Test Data

³¹ Date New Oil 10/14/2019	³² Gas Delivery Date 10/14/2019	³³ Test Date 10/29/2019	³⁴ Test Length 24hrs	³⁵ Tbg. Pressure 1650	³⁶ Csg. Pressure
³⁷ Choke Size 31/64	³⁸ Oil 726	³⁹ Water 3311	⁴⁰ Gas 1427	⁴¹ Test Method flowing	

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@moorcoreengineering.com

Date:
10/31/2019

Phone:
985-415-9729

Approved by:

Title:

Appr

DENIED

See Attached Cover Sheet

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		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505		Form C-105 Revised August 1, 2011						
		1. WELL API NO. 30-015-45372								
		2. Type of Lease <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN								
		3. State Oil & Gas Lease No.								
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: <input checked="" type="checkbox"/> COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <input type="checkbox"/> C-144 CLOSURE ATTACHMENT (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 Forehand Ranch North 22-21 State Com								
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		6. Well Number: <div style="float: right; text-align: right;"> NM OIL CONSERVATION ARTESIA DISTRICT NOV 6 1 2019 </div> <div style="font-size: 2em; font-weight: bold;">4H</div>								
8. Name of Operator Caza Operating LLC		9. OGRID 249099								
10. Address of Operator 200 N. Lorraine St. #1550, Midland, TX 79701		11. Pool name or Wildcat Purple Sage; Wolfcamp								
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	H	22	23S	27E		1440	North	250	East	Eddy
BH:	D	21	23S	27E		1014	North	1251	West	Eddy
13. Date Spudded 6/1/2019	14. Date T.D. Reached 8/16/2019	15. Date Rig Released 8/18/2019		16. Date Completed (Ready to Produce) 9/26/2019		17. Elevations (DF and RKB, RT, GR, etc.) 3140' GR				
18. Total Measured Depth of Well 18309 ✓		19. Plug Back Measured Depth 18225 ✓		20. Was Directional Survey Made? yes		21. Type Electric and Other Logs Run gamma ray				
22. Producing Interval(s), of this completion - Top, Bottom, Name 9567-18225 Wolfcamp										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13.375		54.5		450		17.5		504sx		
9.625		40/47		7483		12.25		2808sx		
5.5		20		18309		8.75		4275sx		
24. LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		25. TUBING RECORD				
						SIZE	DEPTH SET	PACKER SET		
						2.875	8726	8726		
26. Perforation record (interval, size, and number)						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
28. PRODUCTION										
Date First Production 10/14/2019		Production Method (Flowing, gas lift, pumping - Size and type pump) flowing				Well Status (Prod. or Shut-in) producing				
Date of Test 10/29/2019	Hours Tested 24	Choke Size 33/64	Prod'n For Test Period	Oil - Bbl 7 2 6	Gas - MCF 1427	Water - Bbl. 3311	Gas - Oil Ratio 1.96			
Flow Tubing Press. 1650	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) <div style="text-align: center; font-size: 1.5em;">sold</div>						30. Test Witnessed By K Garret				
31. List Attachments gamma ray										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.										
33. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude _____ Longitude _____ NAD 1927 1983										
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 Steve Morris			Title Contract Engineer			Date 10/31/2019	
E-mail Address steve.morris@morcoreengineering.com										

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	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	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	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	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. 2, from.....to.....

No. 3, 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