

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
August 1, 2011
Permit 258847

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701		2. OGRID Number 249099
4. Property Code 320546		3. API Number 30-015-45372
5. Property Name FOREHAND RANCH NORTH 22 21 STATE		6. Well No. 004H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	22	23S	27E		1440	N	250	E	Eddy

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
E	21	23S	27E	E	1694	N	270	W	Eddy

9. Pool Information

PURPLE SAGE;WOLFCAMP (GAS)	98220
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Additional Well Information

11. Work Type New Well	12. Well Type GAS	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3140
16. Multiple N	17. Proposed Depth 19978	18. Formation Wolfcamp	19. Contractor	20. Spud Date 12/4/2018
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	26	20	94	400	534	0
Int1	17.5	13.375	54.5	2141	1886	0
Int2	12.25	9.625	40	3800	1275	0
Int2	12.25	9.625	40	7100	670	7100
Int2	12.25	9.625	40	5200	470	3800
Int2	12.25	9.625	47	7461	195	7100
Prod	8.5	5.5	20	19978	3958	0

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	5000	Schaffer
Double Ram	5000	5000	Schaffer

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒ if applicable. Signature:	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Steve Morris	Approved By: Raymond Podany
Title: Engineer	Title: Geologist
Email Address: steve.morris@morcoreengineering.com	Approved Date: 11/9/2018 Expiration Date: 11/9/2020
Date: 11/8/2018 Phone: 432-201-3031	Conditions of Approval Attached

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Form APD Comments

Permit 258847

PERMIT COMMENTS

Operator Name and Address: CAZA OPERATING, LLC [249099] 200 N Loraine St Midland, TX 79701		API Number: 30-015-45372
		Well: FOREHAND RANCH NORTH 22 21 STATE #004H
Created By	Comment	Comment Date
rpodany	Operators request to revise casing design. Cement casing and circ cement at 400'	11/7/2018

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Form APD Conditions

Permit 258847

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address:		API Number:
CAZA OPERATING, LLC [249099]		30-015-45372
200 N Loraine St		Well:
Midland, TX 79701		FOREHAND RANCH NORTH 22 21 STATE #004H
OCD Reviewer	Condition	
rpodany	Will require a directional survey with the C-104	
rpodany	Cement is required to circulate on both surface and intermediate1 strings of casing	