

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-8161 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) 334-8178 Fax:(505) 334-8170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3482

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 230134

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

1. Operator Name and Address GMT EXPLORATION COMPANY LLC 1560 Broadway Denver, CO 80202		2. OGRID Number 260511
		3. API Number 30-025-43520
4. Property Code 317202	5. Property Name DUCK HUNT 12	6. Well No. 001H

7. Surface Location

UL - Lot B	Section 12	Township 23S	Range 34E	Lot Idn B	Feet From 200	N/S Line N	Feet From 2310	E/W Line E	County Lea
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8. Proposed Bottom Hole Location

UL - Lot O	Section 12	Township 23S	Range 34E	Lot Idn O	Feet From 330	N/S Line S	Feet From 2310	E/W Line E	County Lea
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9. Pool Information

ANTELOPE RIDGE;BONE SPRING, NORTH	2205
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 3357
16. Multiple N	17. Proposed Depth 16050	18. Formation 3rd Bone Spring Sand	19. Contractor	20. Spud Date 10/1/2017
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	17.5	13.375	54.5	1200	850	0
Int1	12.25	8.625	32	5400	400	0
Prod	8.5	5.5	20	16050	700	4400

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	5000	

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: _____ Printed Name: Electronically filed by Marissa Walters Title: Pertotech Email Address: mwalters@gmtexploration.com Date: 12/23/2016	OIL CONSERVATION DIVISION Approved By: Paul Kautz Title: Geologist Approved Date: 12/28/2016 Expiration Date: 12/28/2018 Conditions of Approval Attached
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Form C-102
August 1, 2011
Permit 230134

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-43520	2. Pool Code 2205	3. Pool Name ANTELOPE RIDGE;BONE SPRING, NORTH
4. Property Code 317202	5. Property Name DUCK HUNT 12	6. Well No. 001H
7. OGRID No. 260511	8. Operator Name GMT EXPLORATION COMPANY LLC	9. Elevation 3357

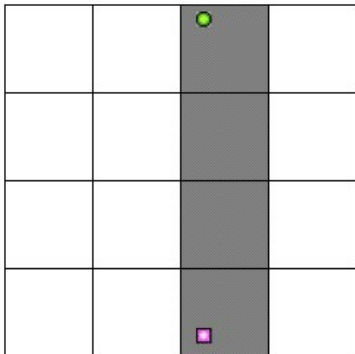
10. Surface Location

UL - Lot B	Section 12	Township 23S	Range 34E	Lot Idn B	Feet From 200	N/S Line N	Feet From 2310	E/W Line E	County Lea
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11. Bottom Hole Location If Different From Surface

UL - Lot O	Section 12	Township 23S	Range 34E	Lot Idn O	Feet From 330	N/S Line S	Feet From 2310	E/W Line E	County Lea
12. Dedicated Acres 160.00	13. Joint or Infill		14. Consolidation Code Communitization				15. Order No.		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> E-Signed By: Marissa Walters Title: Pertotech Date: 12/23/2016 SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> Surveyed By: Gary Jones Date of Survey: 9/6/2016 Certificate Number: 7977
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Form APD Comments

Permit 230134

PERMIT COMMENTS

Operator Name and Address: GMT EXPLORATION COMPANY LLC [260511] 1560 Broadway Denver, CO 80202	API Number: 30-025-43520
	Well: DUCK HUNT 12 #001H

Created By	Comment	Comment Date
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Form APD Conditions

Permit 230134

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: GMT EXPLORATION COMPANY LLC [260511] 1560 Broadway Denver, CO 80202	API Number: 30-025-43520
	Well: DUCK HUNT 12 #001H

OCD Reviewer	Condition
pkautz	Will require a directional survey with the C-104
pkautz	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string
pkautz	If using a pit for drilling and completion operations, must have an approved pit from prior to spudding the well.
pkautz	1) SURFACE & INTERMEDIATE CASING - Cement must circulate to surface -- 2) PRODUCTION CASING - Cement must tie back into intermediate casing --
pkautz	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water
pkautz	Operator shall notify appropriate District office when setting conductor pipe
pkautz	The Operator is to notify NMOCD by sundry (Form C-103) within ten (10) days of spudding a well.
pkautz	It is the operator's responsibility to monitor cancellation dates of approved APDs.
pkautz	If an APD expires and if site construction has occurred, site remediation is required.
pkautz	Submit Gas Capture Plan form prior to spudding or initiating recompletion operations