

**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) 749-1283 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 204739

**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 30-025-42583
4. Property Code 314847	5. Property Name SOURSOP 5 STATE COM	6. Well No. 002H

**7. Surface Location**

UL - Lot N	Section 5	Township 22S	Range 35E	Lot Idn N	Feet From 200	N/S Line S	Feet From 1700	E/W Line W	County Lea
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**8. Proposed Bottom Hole Location**

UL - Lot C	Section 5	Township 22S	Range 35E	Lot Idn 3	Feet From 330	N/S Line N	Feet From 1700	E/W Line W	County Lea
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**9. Pool Information**

WC-025 G-07 S223505N;BONE SPRING	98136
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**Additional Well Information**

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3602
16. Multiple N	17. Proposed Depth 15000	18. Formation Bone Spring	19. Contractor	20. Spud Date 7/15/2015
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	1875	456	0
Int1	11	8.625	43.5	4000	867	0
Int1	11	8.625	43.5	5500	286	0
Prod	7.875	5.5	20	15000	2510	4500

**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. <b>I further certify I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> , if applicable.</b>  Signature: Printed Name: Electronically filed by Marissa Walters Title: Pertotech Email Address: mwalters@gmtexploration.com Date: 5/21/2015	<b>OIL CONSERVATION DIVISION</b>  Approved By: Paul Kautz Title: Geologist Approved Date: 5/22/2015 Expiration Date: 5/22/2017 Conditions of Approval Attached
Phone: 303-586-9275	

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**Santa Fe, NM 87505**

Form C-102  
 August 1, 2011  
 Permit 204739

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-025-42583	2. Pool Code 98136	3. Pool Name WC-025 G-07 S223505N;BONE SPRING
4. Property Code 314847	5. Property Name SOURSOP 5 STATE COM	6. Well No. 002H
7. OGRID No. 260511	8. Operator Name GMT EXPLORATION COMPANY LLC	9. Elevation 3602

**10. Surface Location**

UL - Lot N	Section 5	Township 22S	Range 35E	Lot Idn N	Feet From 200	N/S Line S	Feet From 1700	E/W Line W	County Lea
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**11. Bottom Hole Location If Different From Surface**

UL - Lot C	Section 5	Township 22S	Range 35E	Lot Idn 3	Feet From 200	N/S Line S	Feet From 1700	E/W Line W	County Lea	
12. Dedicated Acres 162.19			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**

	<b>OPERATOR CERTIFICATION</b>		
	<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:	5/21/2015		
<b>SURVEYOR CERTIFICATION</b>			
<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:	Stephen Johnson		
Date of Survey:	10/10/2014		
Certificate Number:	13468		

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Form APD Comments

Permit 204739

**PERMIT COMMENTS**

Operator Name and Address: GMT EXPLORATION COMPANY LLC [260511] 1560 Broadway Denver, CO 80202	API Number: 30-025-42583
	Well: SOURSOP 5 STATE COM #002H

Created By	Comment	Comment Date
mwalters	I am having trouble uploading my C-102. Will send via email to Paul Kautz.	5/21/2015
mwalters	During this procedure we plan to use a Closed Loop System and haul contents to the required disposal.	5/21/2015

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**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: GMT EXPLORATION COMPANY LLC [260511] 1560 Broadway Denver, CO 80202	API Number: 30-025-42583
	Well: SOURSOP 5 STATE COM #002H

OCD Reviewer	Condition
dmull	Will require a directional survey with the C-104
dmull	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