

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

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 30-025-39186
4. Property Code 37377	5. Property Name NW RAPTOR	6. Well No. 001

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
I	28	18S	34E	I	1980	S	860	E	LEA

8. Pool Information

LA RICA,MORROW, WEST (GAS)	79830
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Additional Well Information

9. Work Type New Well	10. Well Type GAS	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 4019
14. Multiple N	15. Proposed Depth 14000	16. Formation Morrow	17. Contractor	18. Spud Date 10/1/2008
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> mils thick Clay <input type="checkbox"/> Pit Volume: bbls Drilling Method: Closed Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54.5	1950	1500	0
Int1	12.25	9.625	40	5200	1800	0
Prod	8.5	4.5	13.5	14000	2000	5000

Casing/Cement Program: Additional Comments

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Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	7500	Hydril
DoubleRam	10000	15000	Cameron
Blind	10000	15000	Cameron

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines <input type="checkbox"/> a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> . Printed Name: Electronically filed by Christi Springfield Title: Email Address: clspringfield@gmtexploration.com Date: 9/22/2008   Phone: 720-946-3028	OIL CONSERVATION DIVISION	
	Approved By: Paul Kautz	
	Title: Geologist	
	Approved Date: 10/7/2008	Expiration Date: 10/7/2010

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St Francis Dr., Santa Fe, NM 87505

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**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number	2. Pool Code 91973	3. Pool Name LEA UNDESIGNATED;MORROW (GAS)
4. Property Code	5. Property Name NW RAPTOR	6. Well No. 4328
7. OGRID No. 260511	8. Operator Name GMT EXPLORATION COMPANY LLC	9. Elevation 4019

**10. Surface Location**

UL - Lot I	Section 28	Township 18S	Range 34E	Lot Idn	Feet From 1980	N/S Line S	Feet From 860	E/W Line E	County LEA
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**11. Bottom Hole Location If Different From Surface**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 320.00		13. Joint or Infill		14. Consolidation Code Forced Pooling		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**

<p align="center"><b>BHL</b></p> <p align="center">DEDICATED ACREAGE 5/2 320 ACRES</p> <p align="center">K. G. O'Connell 9/17/08</p>	<p align="center"><b>OPERATOR CERTIFICATION</b></p> <p><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></p> <p>E-Signed By: Christi Springfield Title: Date: 9/8/2008</p>
	<p align="center"><b>SURVEYOR CERTIFICATION</b></p> <p><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></p> <p>Surveyed By: Gary Jones Date of Survey: 7/7/2008 Certificate Number: 7977</p>

## Permit Comments

Operator: GMT EXPLORATION COMPANY LLC , 260511

Well: NW RAPTOR #001

API: 30-025-39186

Created By	Comment	Comment Date
pkautz	can not process APD because operator failed to indicate which 320 acres in section 28 to the LA RICA;Morrow, West (GAS) Pool.	9/15/2008
DMULL	Per Christi Springfield with GMT well number to be #001. Christi is also working on and will send the C-144.	10/2/2008
DMULL	OCD received form C-144 "Pit Registration". OCD Permit Number P1-000543.	10/7/2008