

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 Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

HOBBS OCD

DEC 17 2012

RECEIVED

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

Form C-101
Revised August 1, 2011

Permit

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

¹ Operator Name and Address GMT Exploration Company, LLC 1560 Broadway, Suite 2000 Denver, CO 80202		² OGRID Number 260511
		³ API Number 30-025-40889
⁴ Property Code 39594	⁵ Property Name Asadero State Com	⁶ Well No. 1H

⁷ Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
M	3	21S	34E		200	South	380	West	Lea

⁸ Pool Information

Grama Ridge ; Bone Spring North	28434
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Additional Well Information

⁹ Work Type N	¹⁰ Well Type O	¹¹ Cable/Rotary R	¹² Lease Type S	¹³ Ground Level Elevation 3694'
¹⁴ Multiple NO	¹⁵ Proposed Depth 15,800 MD	¹⁶ Formation Bone Spring	¹⁷ Contractor Unknown	¹⁸ Spud Date 02/01/2013
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

¹⁹ Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17 1/2	13 3/8	48.0	650	335	0
Int	12 1/4	9 5/8	36.0	5660	840	0
Prod	7 7/8	5 1/2	23.0	15800	2700	4660

Casing/Cement Program: Additional Comments

H ₂ S is not anticipated for this well.
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Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	5000	

**Permit Expires 2 Years From Approval
Date Unless Drilling Underway**

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"/> .		OIL CONSERVATION DIVISION	
Printed name: Ashley E Buckner		Approved By:	
Title: Production Technician		Title: Petroleum Engineer	
E-mail Address: abuckner@gmtexploration.com		Approved Date: 12/17/12 Expiration Date: 	
Date: 12/14/12	Phone: (303) 580-9280	Conditions of Approval Attached	

DEC 19 2012

HOBBS OCD

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State of New Mexico
Energy, Minerals and Natural Resources DepartmentForm C-102
Revised August 1, 2011Submit one copy to appropriate
District OfficeRECEIVED OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-40889	Pool Code 28434	Pool Name Grana Ridge; Bone Spring N.
Property Code 39594	Property Name ASADERO STATE COM	Well Number 1H
OGRID No. 260511	Operator Name GMT EXPLORATION CO., LLC	Elevation 3694'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	3	21 S	34 E		200	SOUTH	380	WEST	LEA

Bottom Hole Location If Different From Surface

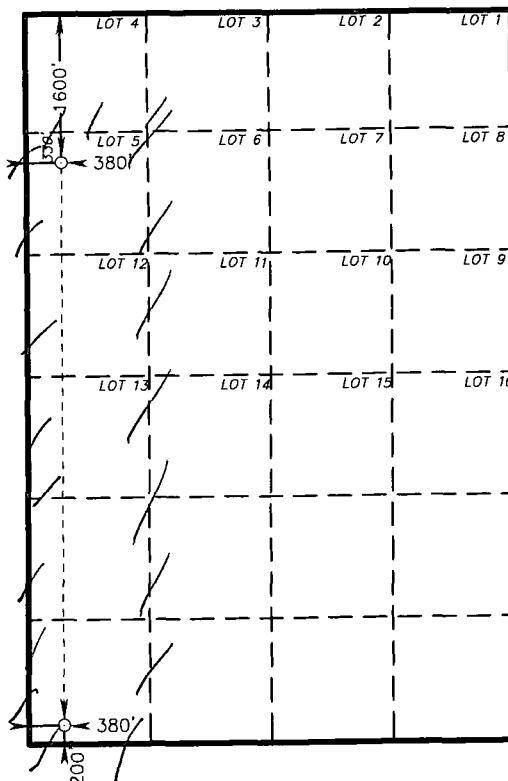
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 5	3	21 S	34 E		1600	NORTH	380	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
200			

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

PROPOSED BOTTOM
HOLE LOCATION

Lat - N 32°31'04.60"
Long - W 103°27'54.39"
NMSPCE- N 553249.14
E 808956.90
(NAD-83)



SURFACE LOCATION

Lat - N 32°30'04.50"
Long - W 103°27'54.37"
NMSPCE- N 547175.782
E 809008.434
(NAD-83)

OPERATOR CERTIFICATION

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 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.

KEITH KRESS 12/14/12
Signature Date
Printed Name
Email Address **kkress@gmtexploration.com**

SURVEYOR CERTIFICATION

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.

GARY L. JONES 12/14/12
Date Surveyed
Signature & Seal of Professional Surveyor
Professional Surveyor
New Mexico
Surveyor License No. 8835

Certificate No. Gary L. Jones 7977

BASIN SURVEYS 26835