

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
⁴ Property Code 39594		³ API Number 30-025-40889
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

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

H₂S is not anticipated for this well.

Proposed Blowout Prevention Program

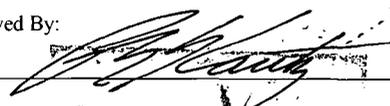
Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	5000	

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 , a general permit , or an (attached) alternative OCD-approved plan .

Printed name: Ashley E Buckner
Title: Production Technician
E-mail Address: abuckner@gmterp.com
Date: 12/14/12 Phone: (303) 580-9280

OIL CONSERVATION DIVISION

Approved By: 
Title: Petroleum Engineer
Approved Date: 12/17/12 Expiration Date:
Conditions of Approval Attached

DEC 19 2012

HOBBS OCD

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DEC 17 2012

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised August 1, 2011

Submit one copy to appropriate
District Office

RECEIVED 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 Grama 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.

[Signature] 12/14/12
 Signature Date
 KEITH KRESS
 Printed Name
 kkr@gmtexploration.com
 Email Address

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.

NOVEMBER 2012
 Date Surveyed
 Signature & Seal of Professional Surveyor
 GARY L. JONES
 CERTIFICATE NO. 7977

Certificate No. Gary L. Jones 7977
 BASIN SURVEYS 26835