

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

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505
HOBBS OCD
NOV 16 2011
RECEIVED

Form C-101
Revised August 1, 2011

Permit

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

Operator Name and Address MANZANO, LLC PO BOX 2107 Roswell, NM 88202		OGRID Number 231429
		API Number 30-025-02807
Property Code 38942	Property Name Gambling State	Well No 1

7 Surface Location

UT - T or A	Section 34	Township 16S	Range 35E	T or Idn	Feet from 660'	N/S Line N	Feet From 660	E/W Line E	County Lea
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8 Pool Information

Shoe Bar Bottom Morrow South	85220
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Additional Well Information

Work Type Re-entry	Well Type G	Cable/Rotary N/A	Lease Type S	Ground Level Elevation 3978
Multiple N	Proposed Depth 12,360	Formation Morrow	Contractor N/A	Spud Date N/A
Depth to Ground water 55'		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
Surface	17 1/2"	13 3/8"	48#	335'	350 sx	Surface
Inter	12 1/4"	9 5/8"	36/40#	4984'	2900 sx	Surface
Prod	8 5/8"	7"	23/26/29#	12,380'	400 sx	8568'

Casing/Cement Program: Additional Comments

5605' of 7" casing was pulled out of the hole when plugged. Plans are to tie back into the 7" casing, perforate, and cement to +/-4500'

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
N/A	N/A	N/A	N/A

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

Printed name: Craig Hanagan

Title: Operations Foreman

E-mail Address: craig@manzanoenergy.com

Date: 11/14/11

Phone: 575-623-1996

OIL CONSERVATION DIVISION

Approved By

Title

Approved Date

Expiration Date

Condition of Approval: Per State Land Office, this proration unit will require a Com agreement and COM needs to be added to the Property Name

Permit Expires 2 Years From Approval
Date Unless Drilling Underway
Re-Entr

NOV 30 2011

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-02807	² Pool Code 8522D	³ Pool Name SHOE BAR BEAR Morrow South
⁴ Property Code 38942	⁵ Property Name GRAMBLING State	⁶ Well Number 1
⁷ OGRID No. 231429	⁸ Operator Name MANZANO, LLC	⁹ Elevation 3978'

¹⁰ Surface Location

TL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	34	16S	35E		660'	NORTH	660'	EAST	LEA

¹¹ Bottom Hole Location If Different From Surface

TL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 320	¹³ Joint or Infill N	¹⁴ Consolidation Code	¹⁵ Order No
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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.

<i>1/2 Unit</i> <i>660'</i>				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 or individual owns a working interest or undivided 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. <i>Mike Hanagan</i> 11/23/11 Signature Date MIKE HANAGAN Printed Name MIKE@manzanoenergy.com E-mail Address	
State of NM VB 1435 MANZANO 100%				State of NM VB 1712 MANZANO 100%	
State of NM VB 1435 MANZANO 100%					
				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. Date of Survey Signature and Seal of Professional Surveyor Certificate Number	

NOV 30 2011