

District I
1625 N. French Drive, Hobbs, NM 88240

District II
1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised June 10, 2003

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

APPLICATION TYPE
☒ Single Well
☐ Establish Pre-Approved Pools
EXISTING WELLBORE
☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

Bass Enterprises Production Co.

P. O. Box 2760 Midland, TX 79702

Operator

Address

JAMES RANCH UNIT

87

SEC 6, T-23-S,R-31-E

EDDY

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 001801 Property Code 001786 API No. 30-015-34277 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	LOS MEDANOS BONE SPRING	LOS MEDANOS WOLFCAMP	
Pool Code	40295	96336	
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	11,002' - 11,016'	11,200' - 11,210'	RECEIVED DEC 7 2005 OCD-ARTESIA
Method of Production (Flowing or Artificial Lift)	FLOWING	FLOWING	
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	NA	NA	
Oil Gravity or Gas BTU (Degree API or Gas BTU)	44.2	44.2	
Producing, Shut-In or New Zone	PRODUCING	PRODUCING	
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: 11/24/2005 Rates: 49/31/2	Date: 11/24/2005 Rates: 24/15/1	Date: / /0000 Rates:
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas 67 % 67 %	Oil Gas 33 % 33 %	Oil Gas % %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes ☒ No ☐
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes ☐ No ☐
Are all produced fluids from all commingled zones compatible with each other? Yes ☒ No ☐
Will commingling decrease the value of production? Yes ☐ No ☒
If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes ☒ No ☐
NMOCD Reference Case No. applicable to this well: R-10558

Attachments:

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

List of other orders approving downhole commingling within the proposed Pre-Approved Pools
List of all operators within the proposed Pre-Approved Pools
Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
Bottomhole pressure data.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Cindi Goodman TITLE Production Clerk DATE 11/29/2005

TYPE OR PRINT NAME Cindi Goodman TELEPHONE NO. () (432)683-2277

E-MAIL ADDRESS cdgoodman@basspet.com

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DISTRICT II
811 South First, Artesia, NM 58210

DISTRICT III
1000 Rio Brazos Rd., Artesia, NM 57410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-34277	Pool Code 40295	Pool Name LOS MEDANOS BONE SPRING
Property Code 001786	Property Name JAMES RANCH UNIT	Well Number 87
OGRID No. 001801	Operator Name BASS ENTERPRISES PRODUCTION COMPANY	Elevation 3301'

Surface Location

UL or lot No. N	Section 6	Township 23 S	Range 31 E	Lot Idn	Feet from the 250	North/South line SOUTH	Feet from the 1980	East/West line WEST	County EDDY
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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
Dedicated Acres 40	Joint or Infill N	Consolidation Code	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

LOT 4 - 40.45 AC.	LOT 3 - 39.90 AC.	LOT 2 - 39.94 AC.	LOT 1 - 39.98 AC.	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. <i>William R. Dannels</i> Signature Printed Name W.R. DANNELS Title DIVISION DRILLING SUPT. Date 11/29/05	
LOT 5 - 40.79 AC.					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. July 28, 2000 Date Surveyed Signature Professional Surveyor GARY L. DANNES NEW MEXICO W.07986. 0426A Certificate No. Gary L. Dannels 7977
LOT 6 - 40.96 AC.					
LOT 7 - 41.13 AC.	<p>LAT - N32°19'37.6" LONG - W103°49'08.9"</p> <p>3300.9' 3302.8' 3301.0' 3300.7'</p> <p>1980' 250'</p>				

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-34277	Pool Code 96336	Pool Name LOS MEDANOS WOLFCAMP
Property Code 001 786	Property Name JAMES RANCH UNIT	Well Number 87
OGRID No. 001801	Operator Name BASS ENTERPRISES PRODUCTION COMPANY	Elevation 3301'

Surface Location

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JAMES RANCH UNIT #87
BASS ENTERPRISES PRODUCTION COMPANY

The 3rd Bone Spring and the Wolfcamp intervals were treated and flow tested together. In order to determine how much production should be attributed to each of the two zones an allocation formula, based on log calculated pay, was developed. The following table shows this breakdown:

	<u>3rd BONE SPRINGS</u>	<u>WOLFCAMP</u>
Net Pay	20	10
Average Porosity	10%	10%
OH	2.0	1.0
Allocation Percentage	67%	33%