

DATE IN 3/16/09	SUSPENSE	ENGINEER W. Jones	LOGGED IN 3/16/09	TYPE DHC 4167	APP NO. PKAA0907553104
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ABOVE THIS LINE FOR DIVISION USE ONLY

**RECEIVED**  
**NEW MEXICO OIL CONSERVATION DIVISION**  
 - Engineering Bureau -  
 2009 MAR 16 12:20 PM  
 1220 South St. Francis Drive, Santa Fe, NM 87505



30-015-36024  
 Poker Lake Unit 290  
 BOPCO LP  
 260737

## ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

### Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]  
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

### [1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication  
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement  
☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify \_\_\_\_\_

### [2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☐ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☒ Notification and/or Concurrent Approval by BLM or SLO  
 U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

### [3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

ANN MOORE  
 Print or Type Name

*Ann Moore*  
 Signature

SR. REGULATORY CLERK  
 Title

3-12-2009  
 Date

camoore@basspet.com  
 e-mail Address

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

DHC-4167

BOPCO, L. P.

P. O. BOX 2760 Midland, TX 79705

Operator

Address

POKER LAKE UNIT

290

UL D, SEC 19, T24S, R30E

EDDY

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 260737 Property Code 306402 API No. 30-015-36024 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
	<u>UNDES</u>		<u>UNDES</u>
Pool Name	Nash Draw (Dela./BS/Ava)		Pierce Crossing (BS) <u>East</u>
Pool Code	47545		96473
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	3410'-8160'		8161'-9250'
Method of Production (Flowing or Artificial Lift)	Pumping		Pumping
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)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)	43.2		44.1
Producing, Shut-In or New Zone	Producing		SI
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: 02/24/2009 Rates: 12/85/185	Date: Rates:	Date: 10/30/2008 Rates: 18/82/79
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 40                      %                      51                      %	Oil                      Gas %                      %	Oil                      Gas 60                      %                      49                      %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?  
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes ☒ No ☐  
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: \_\_\_\_\_

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 Ann Moore TITLE Sr. Regulatory Clerk DATE 03/13/2009

TYPE OR PRINT NAME Ann Moore TELEPHONE NO. ( ) (432)683-2277

E-MAIL ADDRESS camoore@basspet.com

APPLICATION FOR DOWNHOLE COMMINGLE  
POKER LAKE UNIT #290

The Poker Lake Unit #290 was originally completed in the 1<sup>st</sup> and 2<sup>nd</sup> Bonesprings. The last recorded production was 18 BOPD, 94 BWPD and 38 MCFD before being plugged back on 12/10/08. The Avalon Sand and LBC W were completed and turned to production on 12/25/08. The last recorded for the Avalon Sand and LBC W were 12 BOPD, 140 BWPD, and 85 MCFD. Production for the Bonesprings and Avalon Sand/LBCW will be on a 60% Bonesprings and a 40% Avalon Sand/LBC W.

## DISTRICT I

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1301 W. Grand Avenue, Artesia, NM 88210

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## DISTRICT IV

1220 St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

## OIL CONSERVATION DIVISION

1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505Form C-102  
Revised October 12, 2005Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-36024	Pool Code 47545	Pool Name Nash Draw (Delaware, Bone Spring, Avalon Sand)
Property Code 306402	Property Name POKER LAKE UNIT	Well Number 290
OGRED No. 260737	Operator Name BOPCO, L.P.	Elevation 3150'

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 1	19	24 S	30 E		800	NORTH	990	WEST	EDDY

## 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

	<p><b>OPERATOR CERTIFICATION</b></p> <p>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 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.</p> <p><i>Gary E. Gerhard</i> 10/25/07 Signature Date</p> <p>Gary E. Gerhard Printed Name</p>
	<p><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p>JANUARY 05, 2007 Date Surveyed</p> <p><i>Gary L. Jones</i> Signature Professional Surveyor</p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p>

## DISTRICT I

1625 N. French Dr., Hobbs, NM 88240

## DISTRICT II

1501 W. Grand Avenue, Artesia, NM 88210

## DISTRICT III

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State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102

Revised October 12, 2005

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Fee Lease - 3 Copies

## OIL CONSERVATION DIVISION

1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-36024	Pool Code 96473	Pool Name PIERCE CROSSING (BONE SPRING)
Property Code 306402	Property Name POKER LAKE UNIT	Well Number 290
OGRID No. 260737	Operator Name BOPCO, L. P.	Elevation 3150'

## Surface Location

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Dedicated Acres 40	Joint or Infill N	Consolidation Code	Order No.
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OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>LOT 1 40.12 ACRES</p> <p>LOT 2 40.16 ACRES</p> <p>LOT 3 40.20 ACRES</p> <p>LOT 4 40.24 ACRES</p>	<p>80.00 ACRES</p> <p>160.00 ACRES</p> <p>LAT - N32°12'28.9" LONG - W103°55'34.7" (NAD-83)</p>	<p>OPERATOR CERTIFICATION</p> <p>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 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.</p> <p><i>Gary E. Gerhard</i> 10/25/07 Signature Date</p> <p>Gary E. Gerhard Printed Name</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>JANUARY 05, 2007</p> <p>Date Surveyed</p> <p><i>Gary L. Jones</i> Signature</p> <p>GARY L. JONES Professional Surveyor</p> <p>7977</p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p>
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