

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised June 10, 2003

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

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

District III
1000 Rio Brazos Road, Aztec, NM 87410

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

APPLICATION FOR DOWNHOLE COMMINGLING

BOPCO, L.P.

P.O. Box 2760 Midland, TX 79702

Operator

Address

Big Eddy Unit

159

UL I, Sec 9, T22S, R28E

Eddy

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 260737 Property Code 305860 API No. 30-015-35145 Lease Type: Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Dublin Ranch (Atoka)		Indian Flats SW (Morrow)
Pool Code	76130		79100
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	11,110'-11,372'		11,850'-12,223'
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)	971 BTU		1015 BTU
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: 07/27/2010 Rates: 0/444/1	Date: Rates:	Date: 12/17/2010 Rates: 0/532/71
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil 100 % Gas 45 %	Oil % Gas %	Oil 0 % Gas 54 %

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: _____

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 Valerie Truax TITLE Regulatory Clerk DATE 08/06/2010

TYPE OR PRINT NAME Valerie Truax TELEPHONE NO. () (432)683-2277

E-MAIL ADDRESS vltruax@basspet.com

APPLICATION FOR DOWNHOLE COMMINGLE

BIG EDDY UNIT 159

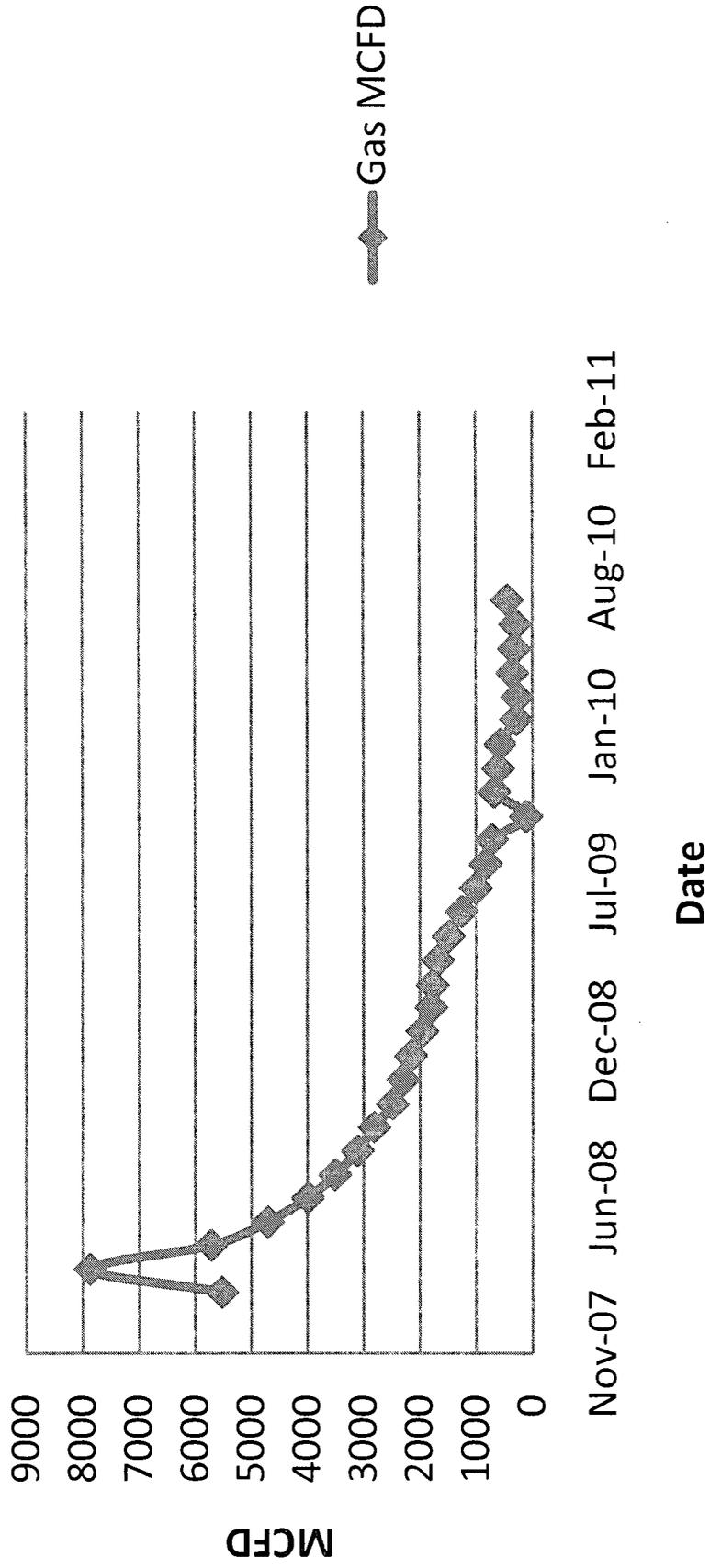
The Big Eddy Unit #159 was originally completed in the Morrow on 5/12/2007. The last recorded production was 0 BOPD, 1 BWPD and 444 MCFD before being plugged back on 12/17/2007. Therefore, only 6 months of graphs showing BEU #159 Morrow production is attached. The Atoka pay zone was completed and put on production on 12/28/2007. The last recorded production rates for the Atoka were 0 BOPD, 71 BWPD and 532 MCFD. No oil production has occurred in the last year but oil shows have only occurred during production of the Atoka. Therefore, production for the Morrow and Atoka will be on a 100% Atoka and 0% Morrow for oil. Production for the Morrow and Atoka will be 45.5% Atoka and 54.5% Morrow for gas.

OFFICE USE ONLY: Water will be Atoka 1.4% and Morrow 98.6%

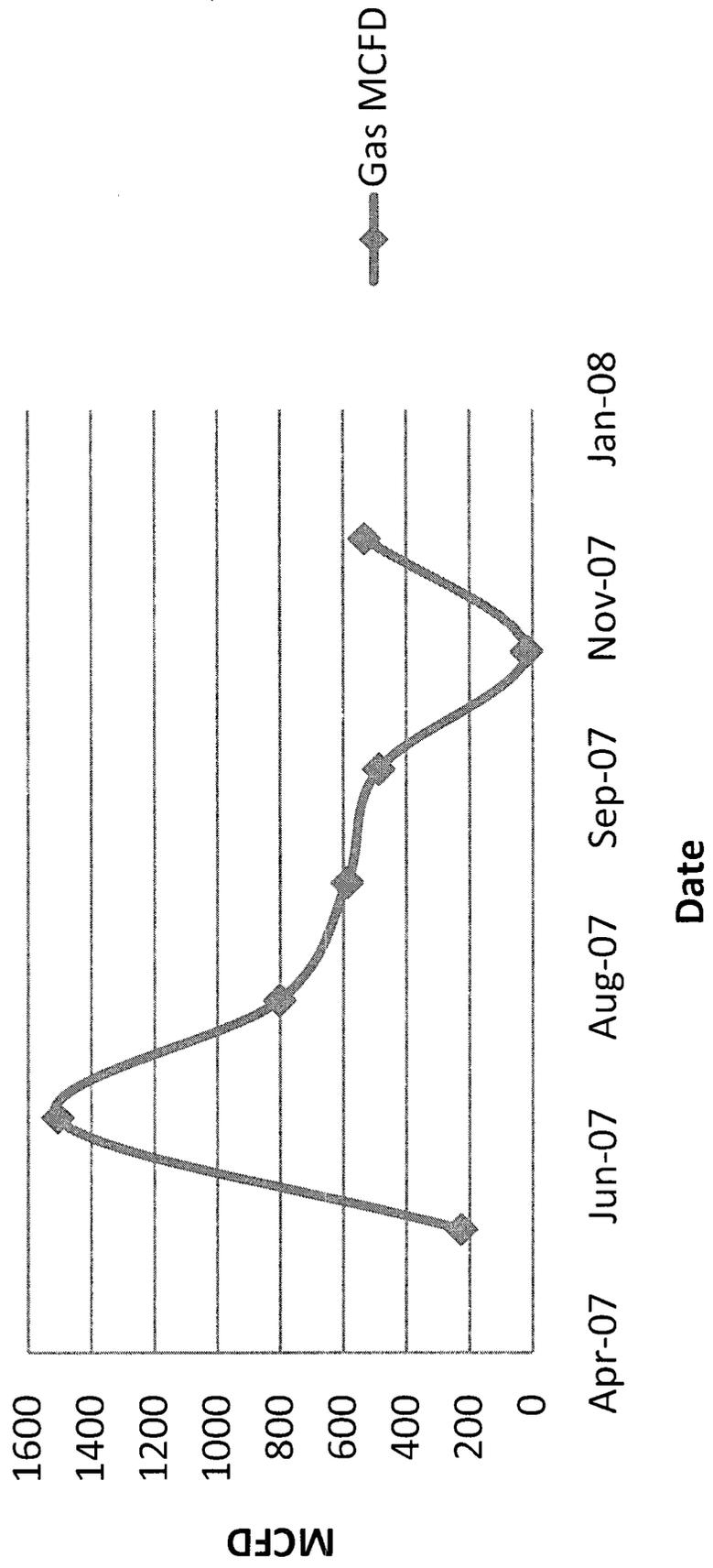
Atoka Gas: $444/(532+444) = 45.5\%$

Morrow Gas: $532/(532+444) = 54.5\%$

BEU #159 Atoka Pay



BEU #159 - Morrow Pay



DISTRICT I
1835 N. French Dr., Hobbs, NM 88340

DISTRICT II
1391 N. Grand Avenue, Artesia, NM 88210

DISTRICT III
1000 Rio Grande Blvd., Aztec, NM 87410

DISTRICT IV
1830 St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised October 12, 2006

Submit to Appropriate District Office
State Lease - 4 Copies
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 30-015-35145	Pool Code 79100	Pool Name INDIAN FLATS SW (MORROW)
Property Code 305860	Property Name BIG EDDY UNIT	Well Number 159
OGRID No. 260737	Operator Name BOPCO, L.P.	Elevation 3128'

Surface Location

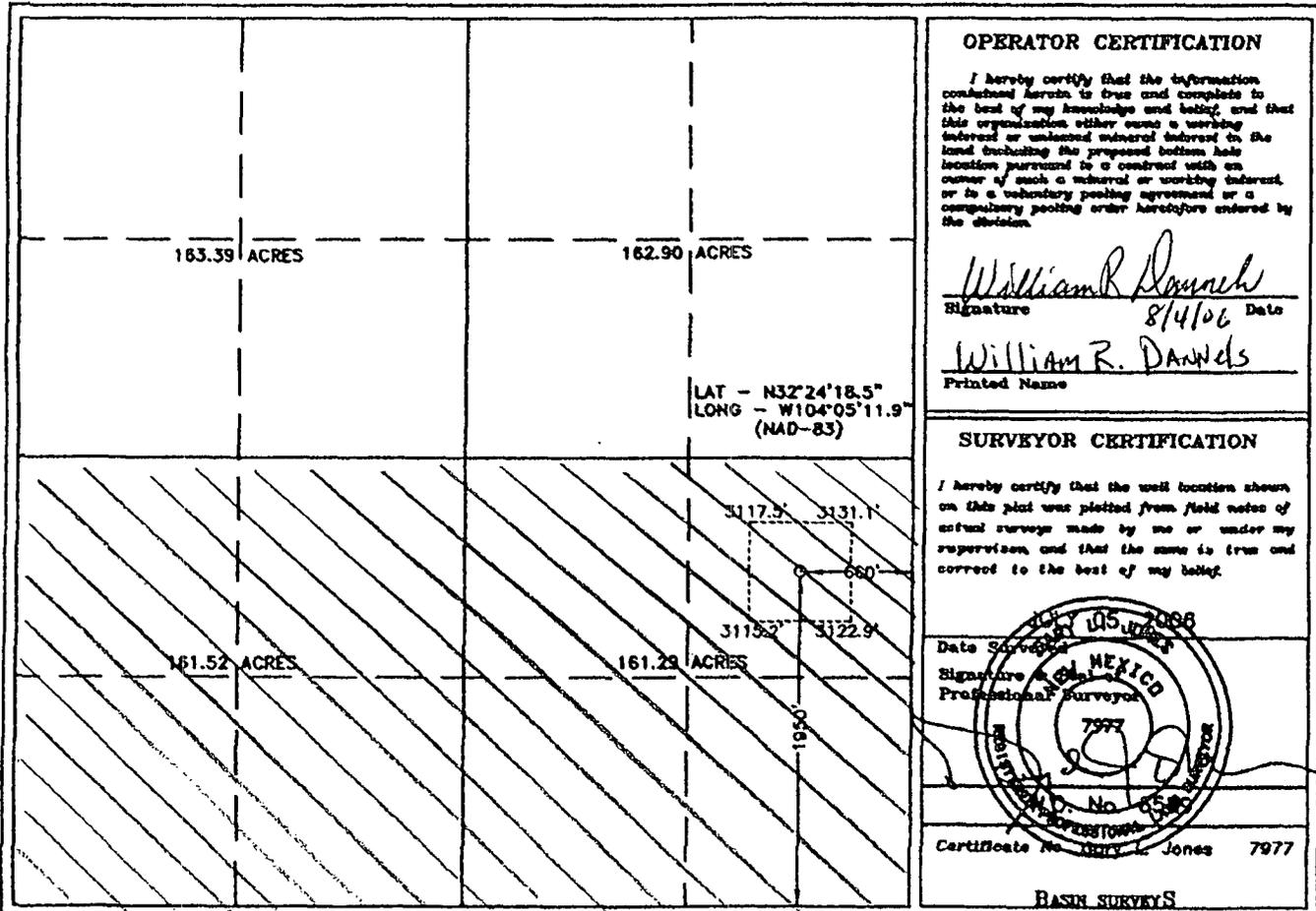
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	9	22 S	28 E		1950	SOUTH	660	EAST	EDDY

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 320	Joint or Infill N	Consolidation Code	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



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 undivided 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.

William R. Daniels
Signature
8/4/06 Date
William R. Daniels
Printed Name

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 14, 2006
Date Surveyed
Signature
Professional Surveyor
7977
Certificate No. 7977 Jones

Basin Surveys

DISTRICT I
1226 N. French St., Hobbs, NM 88248

DISTRICT II
1397 W. Grand Avenue, Artesia, NM 88219

DISTRICT III
1000 E. Espana Rd., Aztec, NM 87419

DISTRICT IV
1220 E. French St., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised October 12, 2006

Submit to Appropriate District Office
State Lease - 4 Copies
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 30-015-35145	Pool Code 76730	Pool Name DUBLIN RANCH (ATOKA) GAS
Property Code 305860	Property Name BIG EDDY UNIT	Well Number 159
OCED No. 260737	Operator Name BOPCO, L.P.	Elevation 3128'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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	<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 information either owns a working interest or undivided 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>William R. Daniels</i> Signature 8/4/06 Date</p> <p>William R. Daniels 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>Date Surveyed Signature Professional Surveyor</p> <p></p> <p>Certificate No. WILLY L. JONES 7977</p> <p>BASIS SURVEYS</p>

Article Number

7110 3701 9846 3454 8033

3: Service type **CERTIFIED MAIL**

4: Restricted Delivery? (Extra Fee) Yes

1: Article Addressed to:

Bureau of Land Management
620 E. Greene Street
Carlsbad, NM 88220-6292

PS Form 3811 January 2005 Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

7: Received by (Please Print Name) *J. H. ...*

8: Signature *J. H. ...*

9: Delivery address different from item 1? YES, enter delivery address below

10: Yes No

186 Comps
159

receipt by BEM
for down hole
coring package
for BEU#186 +
BEU#159