

BEU 186

DATE IN 8.12.10	SUSPENSE	ENGINEER WJ	LOGGED IN 8.12.10	TYPE D/K	PTGW APP NO. 1022441357
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



RECEIVED OGD
 BOPCO

AUG 12 A 11:09

Big Eddy #186

ADMINISTRATIVE APPLICATION CHECKLIST

30-015-35753

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

4309

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,
signed certified return receipt copy will be mailed when available
- [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.

Valerie Truax *Valerie Truax* Reg Clerk 8/6/10
 Print or Type Name Signature Title Date
vltruax@busspet.com
 e-mail Address

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

APPLICATION TYPE

District III
1000 Rio Brazos Road, Aztec, NM 87410

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

Single Well
 Establish Pre-Approved Pools
EXISTING WELLBORE
 Yes No

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 186 UL M, Sec 14, T22S, R28E Eddy
Lease Well No. Unit Letter-Section-Township-Range County
OGRID No. 260737 Property Code 305860 API No. 30-015-35753 Lease Type: Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Dublin Ranch (Atoka)		Dublin Ranch (Morrow)
Pool Code	76130		76140
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	11,544'-11,708'		12,126'-12,684'
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)	1036 BTU		1001 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: 07/28/2010 Rates: 0/381/2	Date: Rates:	Date: 07/01/2008 Rates: 0/421/2
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 48 %	Oil % Gas %	Oil 0 % Gas 52 %

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 186

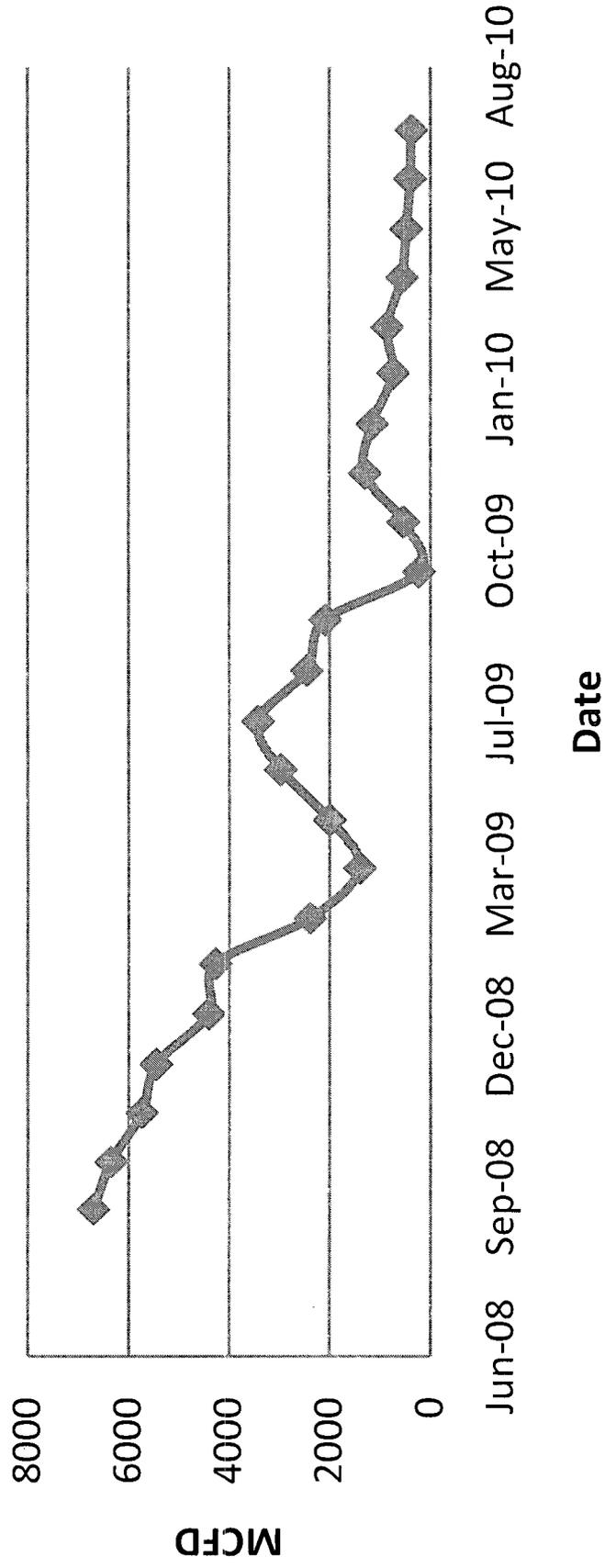
The Big Eddy Unit #186 was originally completed in the Morrow on 2/29/2008. However, production was delayed until installation of a pipeline. Therefore, only 2 months of production are recorded for Morrow pay interval. Subsequently, a graph for that zone is not attached. The last recorded production was 0 BOPD, 2 BWPD and 421 MCFD before being plugged back on 7/1/2008. Therefore, only 4 months of graphs showing BEU #186 Morrow production is attached. The Atoka pay zone was completed and put on production on 7/12/2008. The last recorded production rates for the Atoka were 0 BOPD, 2 BWPD and 381 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 47.5% Atoka and 52.5% Morrow for gas.

OFFICE USE ONLY: Water will be Atoka 50% and Morrow 50%

Atoka Gas: $381/(421+381) = 47.5\%$

Morrow Gas: $421/(421+381) = 52.5\%$

Big Eddy Unit - Atoka Pay - Gas Production



DISTRICT I
1626 N. French Dr., Hobbs, NM 88240

DISTRICT II
1801 V. Grand Avenue, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Artee, NM 87410

DISTRICT IV
1220 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 30-015-35753	Pool Code 76140	Pool Name Dublin Ranch (Atoka)
Property Code 305860	Property Name BIG EDDY UNIT	Well Number 186
OGRID No. 260737	Operator Name BOPCO, L.P.	Elevation 3136'

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	14	22 S	28 E		660	SOUTH	660	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 320 Acs.	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

LAT - N32°23'14.7"
LONG - W104°03'52.8"
(NAD-83)

161.74 ACRES

161.72 ACRES

161.69 ACRES

163.94 ACRES

3131.9'

3136.0'

660'

3133.7'

3138.3'

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 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.

C. K. Jenkins 4/26/07
Signature Date

C. K. Jenkins
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.

APRIL 08, 2007
Date Surveyed

GARY L. JONES
Signature & Title
Professional Surveyor

Certificate No. Gary L Jones 7977

BASIN SURVEYS

MR

DISTRICT I
1626 N. French Dr., Hobbs, NM 88240

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

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

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

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

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Property Code 305860	Property Name BIG EDDY UNIT	Well Number 186
OGRID No. 260737	Operator Name BOPCO, L.P.	Elevation 3136'

Surface Location

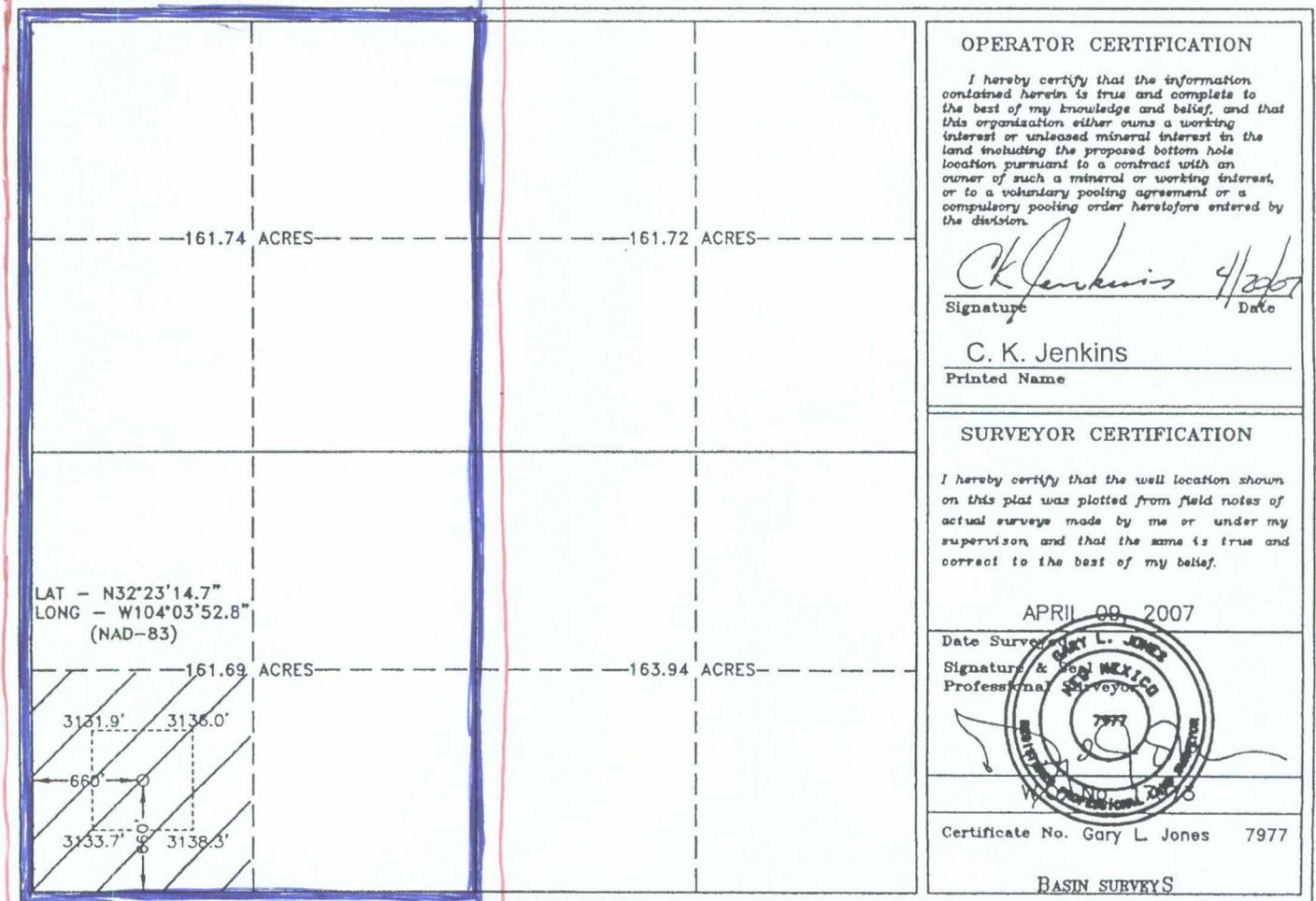
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OPERATOR CERTIFICATION

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C. K. Jenkins 4/20/07
Signature Date

C. K. Jenkins
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.

APRIL 09, 2007

Date Surveyed
Signature of Gary L. Jones
Professional Surveyor



Certificate No. Gary L. Jones 7977

Basin Surveys

MR