

ABOVE THIS LINE FOR DIVISION USE ONLY

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



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 _____

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RECEIVED 0001

- [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.

Tracie J Cherry _____ Sr. Regulatory Analyst _____ 11-30-12
 Print or Type Name Signature Title Date

tjcherry@basspet.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 August 1, 2011

District II
811 S. First St., 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

DHC-4597

BOPCO, L.P. Operator P O BOX 2760 MIDLAND, TX 79702 Address

Big Eddy Unit Lease Well No. 154 Unit Letter-Section-Township-Range A-15-22S-28E County Eddy

OGRID No. 260737 Property Code 305860 API No. 30-015-34399 Lease Type: Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	<u>UNDES</u> Dublin Ranch (Atoka)		Dublin Ranch (Morrow)
Pool Code	76130		76140
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	11496 - 11674		12,200 - 12,384
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)	Not Required		Not Required
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1021 BTU/cf		993 BTU/cf
Producing, Shut-In or New Zone	Producing		Shut-In
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: 07/00/2012 Rates: 83 MCF/Day	Date: Rates:	Date: 01/00/2009 Rates: 626 MCF/Day
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 10 %	Oil % Gas %	Oil 0 % Gas 90 %

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.

BOPCO, L. P.
6 DESTA DRIVE, SUITE 3700 (79705)
P. O. BOX 2760
MIDLAND, TEXAS 79702

(432) 683-2277

FAX (432) 687-0329

November 30, 2012

Richard Ezeanyim
New Mexico Oil Conservation Division
1220 S. St. Francis Dr.
Santa Fe, NM 87505

Re: Big Eddy Unit, Well #154
C107A – Dublin Ranch (Atoka) & Dublin Ranch (Morrow)
15-T22S-R28E
30-015-34399

Mr. Ezeanyim:

Enclosed is an original Form C107A (Application for Downhole Commingling) for the referenced well.

BOPCO, L.P. proposes to return the Morrow to production. The Morrow was TA'd by setting a CIBP in the packer tailpipe. BOPCO proposes to perf the tailpipe and commingle the production from the Morrow with the Atoka.

Form 3160-5, Sundry Notices and Reports on Wells has also been submitted to the Bureau of Land Management on this date (copy attached).

Royalty, overriding royalty and working interest owners are the same in each zone.

If you have any questions or need additional information, please call me at 432/683-2277.

Sincerely,



Tracie J Cherry
Sr. Regulatory Analyst

Enclosures

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
611 South First, Artesia, NM 88210

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

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

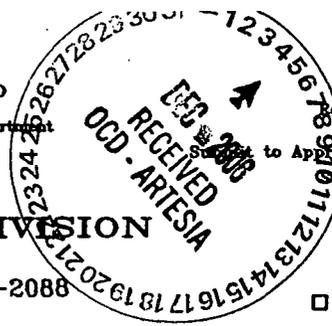
State of New Mexico
Energy, Minerals and Natural Resources Department

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 30-015-34399	Pool Code 76140	Pool Name DUBLIN RANCH MORROW (GAS)
Property Code 001776	Property Name BIG EDDY UNIT	
OGRID No. 001801	Operator Name BEPCO, L.P.	Well Number 154
		Elevation 3131'

Surface Location

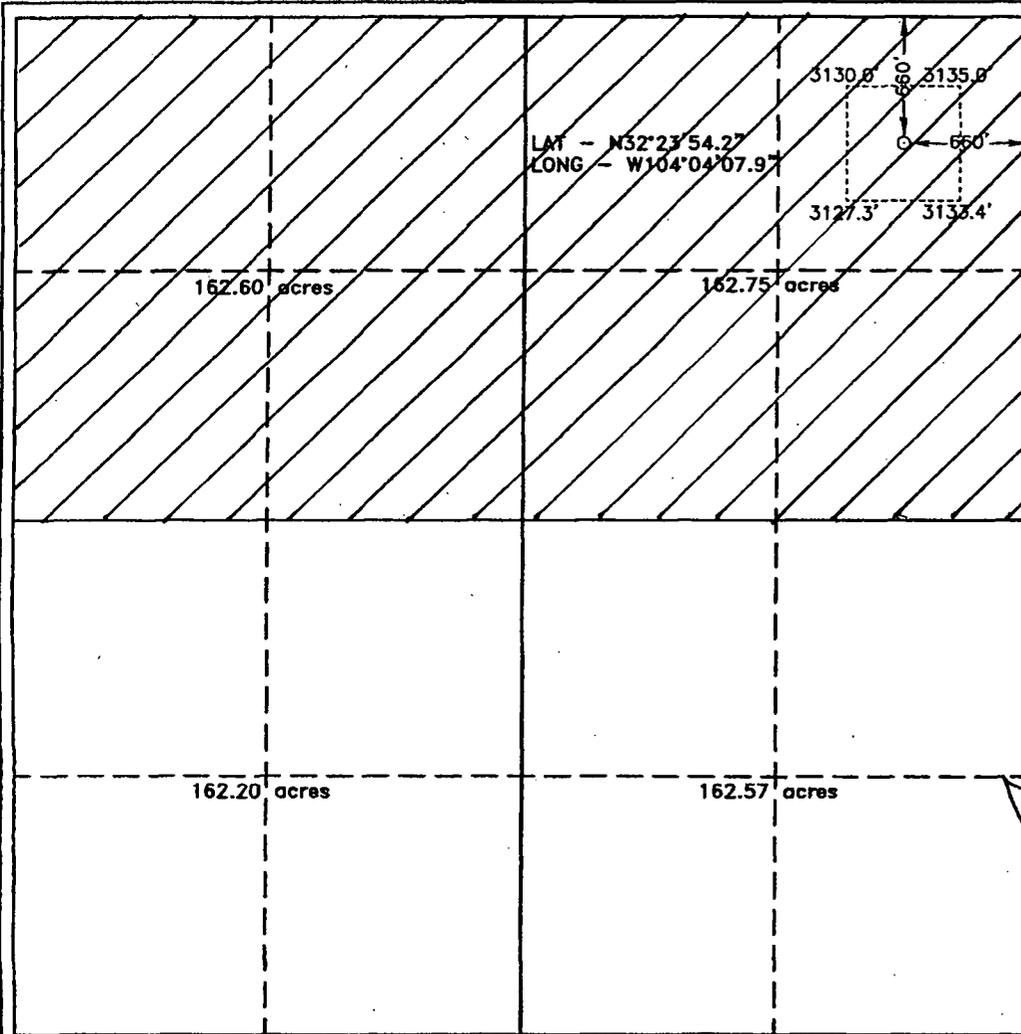
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	15	22 S	28 E		660	NORTH	660	EAST	EDDY

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.

W.R. Dannels
Signature

W.R. DANNELS
Printed Name

DIVISION DRILLING SUPT.
Title

9/7/2005
Date

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 20, 2005
Date Surveyed

W.O. Jones
Signature of Seal of Professional Surveyor

W.O. No. 562
Certificate No. Gory Jones 7977

PROFESSIONAL LAND SURVEYOR
BASIN SURVEYS

DISTRICT I
1825 N. French Dr., Hobbs, NM 88240

DISTRICT II
811 South First, Artesia, NM 88210

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

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 30-015-34399	Pool Code 76130	Pool Name DUBLIN RANCH (ATOKA)
Property Code 305860	Property Name BIG EDDY UNIT	Well Number 154
OGRID No. 260737	Operator Name BOPCO, L.P.	Elevation 3131'

Surface Location

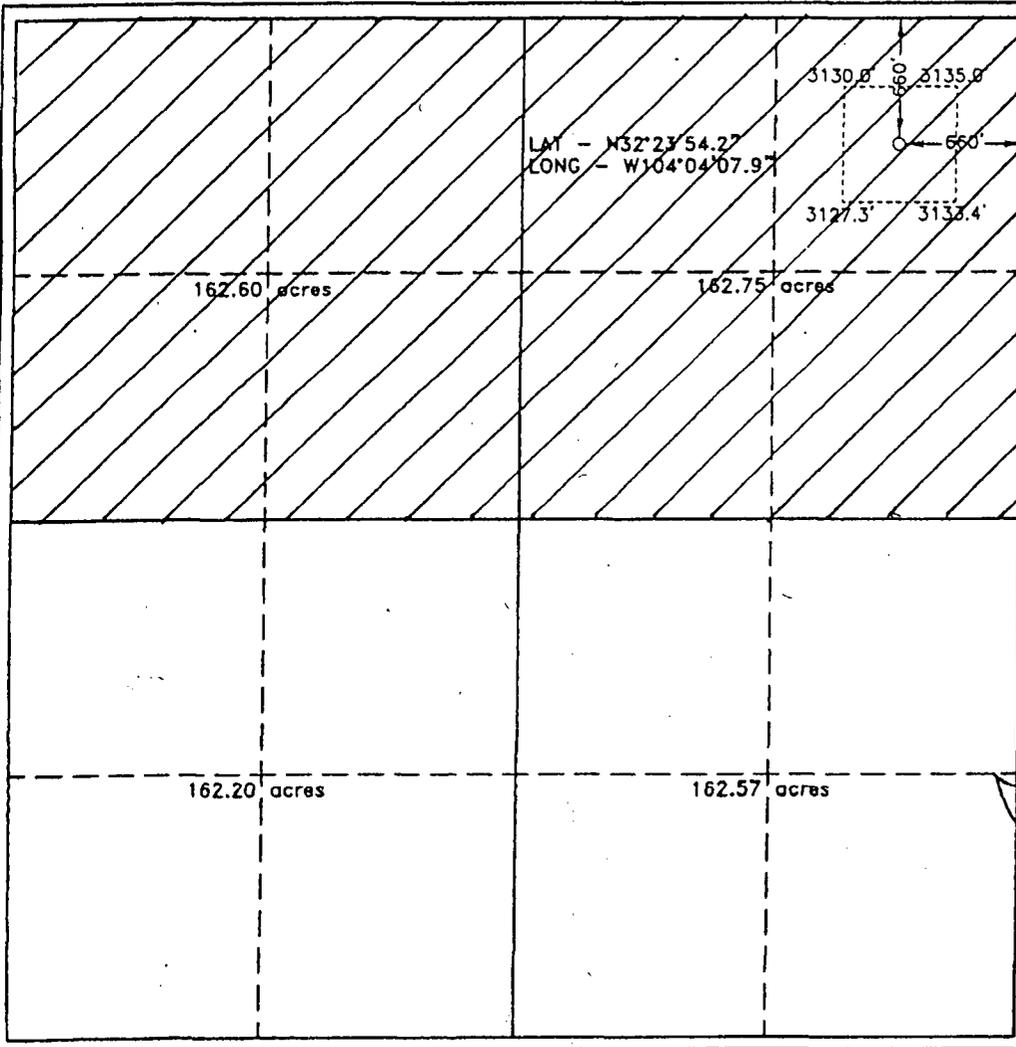
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	15	22 S	28 E		660	NORTH	660	EAST	EDDY

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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W.R. DANNELS
Printed Name
DIVISION DRILLING SUPT.
Title
9/7/2005
Date

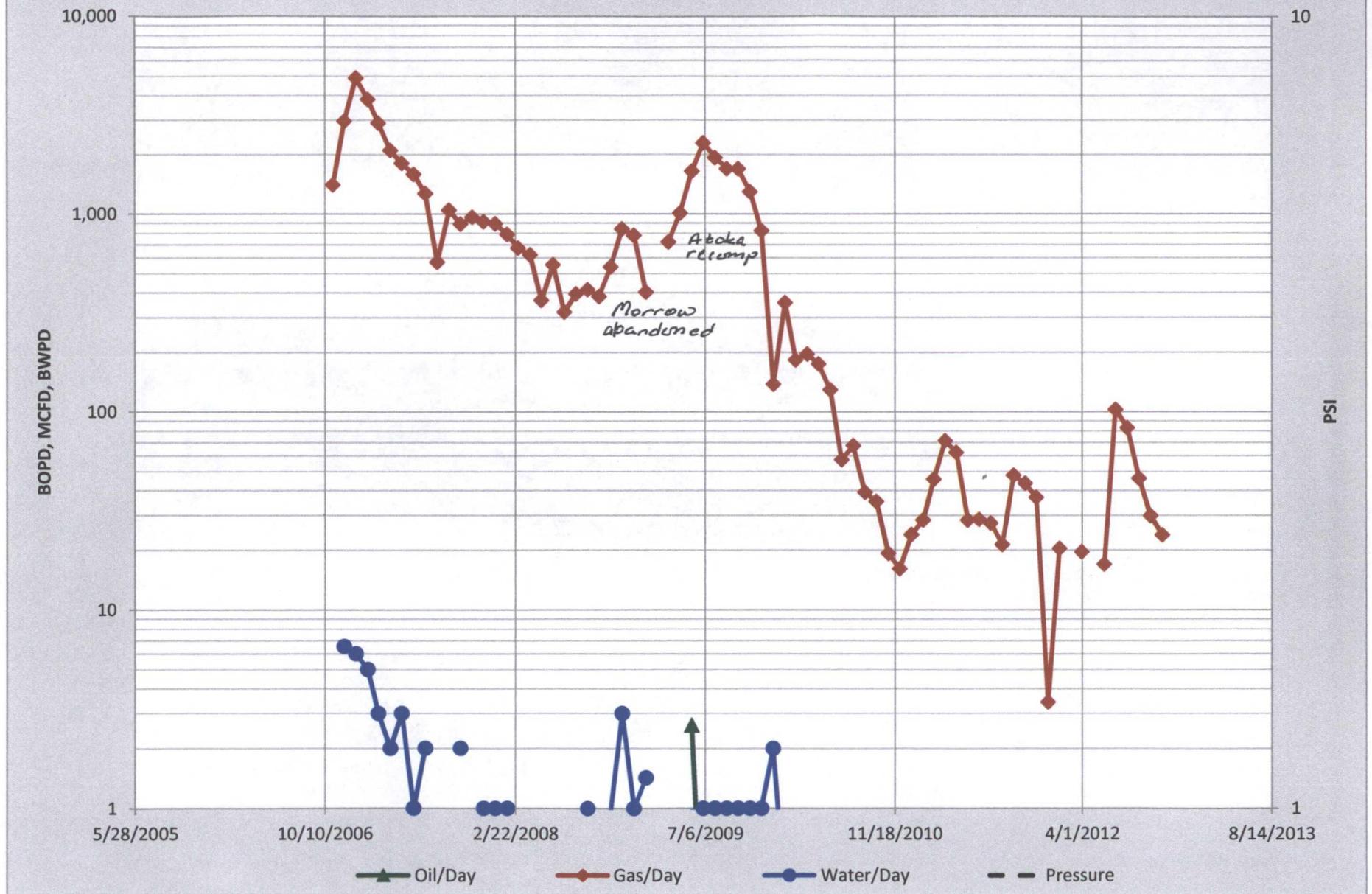
SURVEYOR CERTIFICATION

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 20, 2005
Date Surveyed

[Signature]
Signature of Surveyor
Professional Surveyor
NEW MEXICO
W.O. No. 5621
Certificate No. Gary Jones 7977
PROFESSIONAL LAND SURVEYOR
BASIN SURVEYS

BIG EDDY UNIT #154



APPLICATION FOR DOWNHOLE COMMINGLE
BIG EDDY UNIT #154
30-015-34399
15-T22S-R28E
Eddy County, NM

The Big eddy unit #154 was originally completed in the Morrow in October 2006. On November 14, 2008, BOPCO received permission to temporarily abandon the Morrow and recomplete to the Atoka. The recompletion was done March 11, 2009. The last reported production from the Morrow was January 2009.

No oil production occurred while the well was completed in the Morrow. The Atoka had approximately 115 BO produced during the first 7 months the well was producing from this zone; no oil production has been reported since September 2009. Therefore, production for the Morrow and Atoka will be on a 100% Atoka and 0% Morrow for oil.

Gas production will be 90% Morrow and 10% Atoka for gas. These rates are based on the last full month's daily production for Atoka (July 2012) and last full month's daily average (December 2008) for the Morrow prior to TA.

CURRENT WELLBORE DIAGRAM

Lease: **Big Eddy Unit** Well No.: **154**
 Field: **DUBLIN RANCH (MORROW)**
 Location: **660' FNL & 660' FEL, SEC 15, T22S, R28E**
 County: **EDDY COUNTY** St: **TX** API: **30-015-34399**

KB: 3149
GL: 3129
Spud Date: 6/5/2006
Compl. Date: 12/6/2006

SURFACE CASING

SIZE: 13-3/8"
 WT: 48#
 GRD: H-40
 CSA: 541'
 SX: 560 PREM+
 CIRC Y 200 SX
 TOC: Surf
 HOLE SIZE: 17-1/2" 0-541'

INTERMEDIATE CASING

SIZE: 9-5/8"
 WT: 40#
 GRD: HCN-80
 CSA: 6,220'
 SX: 2350 INTRFL H/PREM+
 CIRC Y 336 sx
 TOC: Surf
 HOLE SIZE: 12-1/4" 541-6219'

PRODUCTION CASING

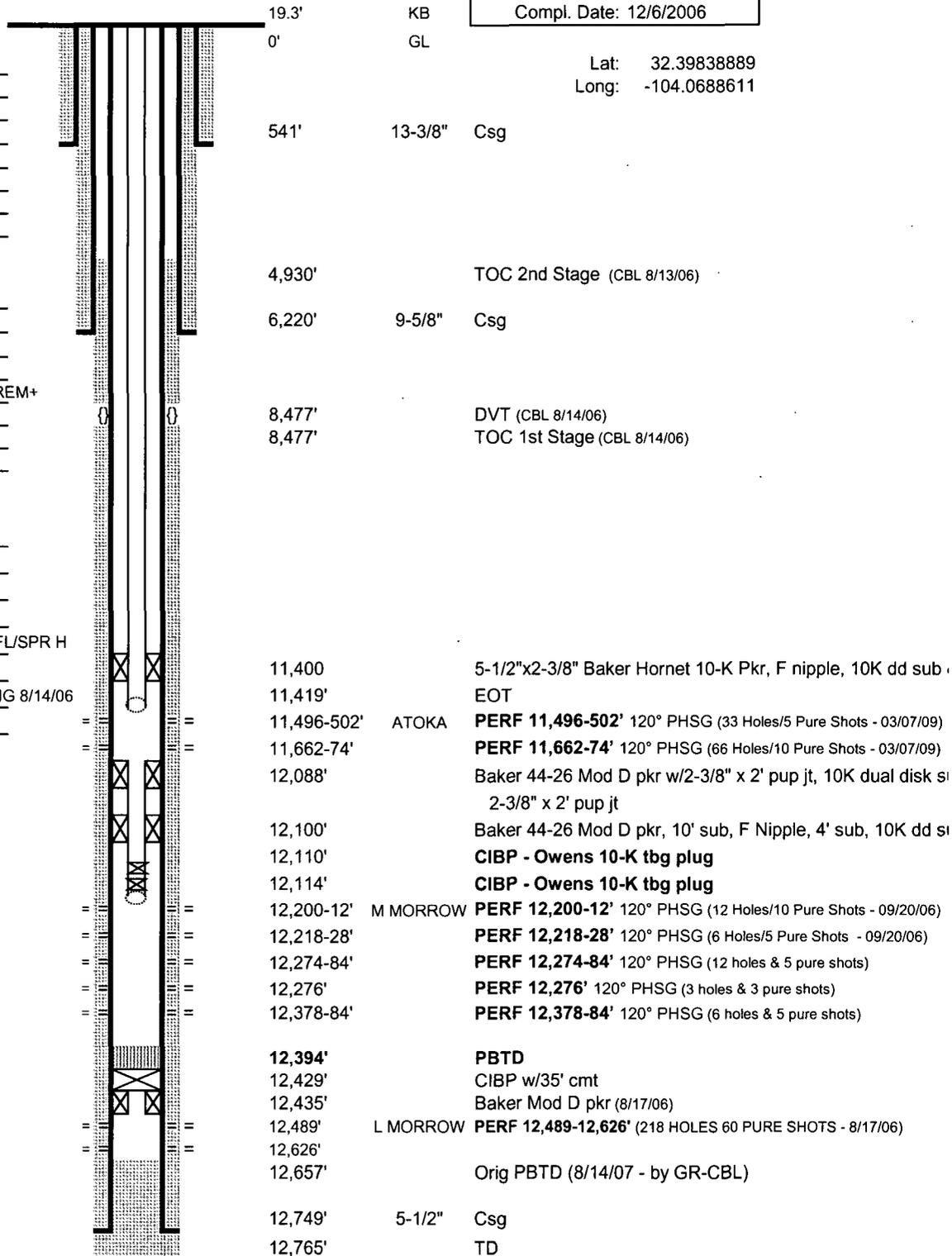
SIZE: 5-1/2"
 WT: 17#
 GRD: HCP-110/LTC
 CSA: 12,749'
 SX: 1885 PREM INTRFL/SPR H
 CIRC N
 TOC: 4,930' CBL/MAPPING 8/14/06
 HOLE SIZE: 8-3/4" 6220-12765'

TUBING

348 jts 2 3/8" 4.7# L80

FRAC

M Morrow 12200' - 12384' using a 40#
 Linear 70Q Binary frac w/ 38,154 gls
 foam & 62,568 lbs 18/40 Versaprop



PBTD: **12,394'**
 DRILLER TD: **12,758'**
 LOGGER TD: **12,765'**

Updated: **9/17/2012**
 Author: **chr**
 Engr: **TEG**

PROPOSED WELLBORE DIAGRAM

Lease: **Big Eddy Unit** Well No.: **154**
 Field: **DUBLIN RANCH (MORROW)**
 Location: **660' FNL & 660' FEL, SEC 15, T22S, R28E**
 County: **EDDY COUNTY** St: **TX** API: **30-015-34399**

KB: 3149
 GL: 3129
 Spud Date: 6/5/2006
 Compl. Date: 12/6/2006

Lat: 32.39838889
 Long: -104.0688611

SURFACE CASING

SIZE: 13-3/8"
 WT: 48#
 GRD: H-40
 CSA: 541'
 SX: 560 PREM+
 CIRC Y 200 SX
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 HOLE SIZE: 17-1/2" 0-541'

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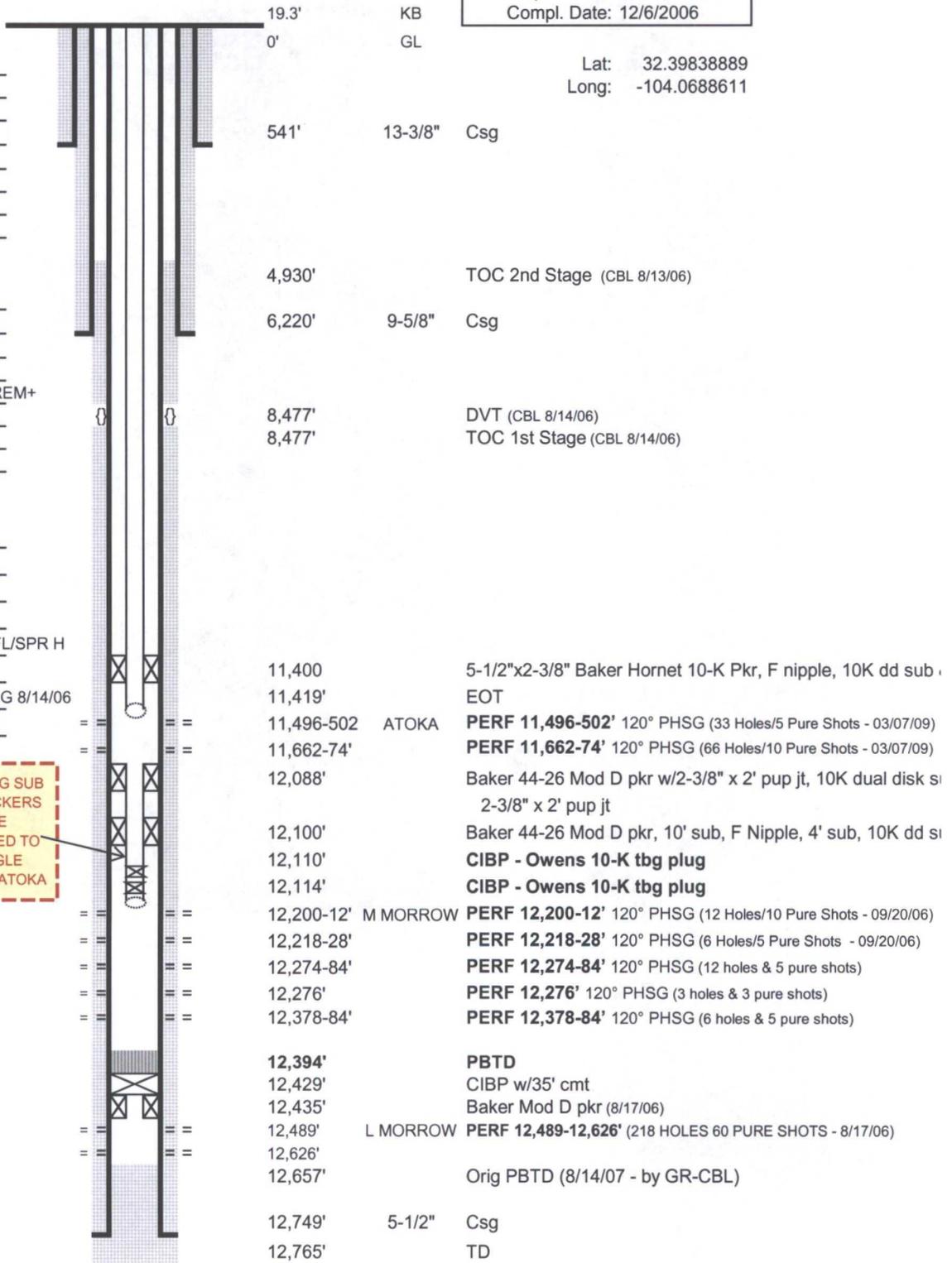
PRODUCTION CASING

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 SX: 1885 PREM INTRFL/SPR H
 CIRC N
 TOC: 4,930' CBL/MAPPING 8/14/06
 HOLE SIZE: 8-3/4" 6220-12765'

NOTE: 2-3/8" TUBING SUB
 BELOW PACKERS
 WILL BE
 PERFORATED TO
 COMMINGLE
 MORROW & ATOKA

TUBING
 348 jts 2 3/8" 4.7# L80

FRAC
M Morrow 12200' - 12384' using a 40#
 Linear 70Q Binary frac w/ 38,154 gls
 foam & 62,568 lbs 18/40 Versaprop



PBTD: 12,394'
 DRILLER TD: 12,758'
 LOGGER TD: 12,765'

Updated: 9/17/2012
 Author: chr
 Engr: TEG

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NMLC069142A

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

7. If Unit or CA/Agreement, Name and/or No.
NMNM68294

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
BIG EDDY UNIT 154

2. Name of Operator
BOPCO LP
Contact: TRACIE J CHERRY
E-Mail: tjcherry@basspet.com

9. API Well No.
30-015-34399

3a. Address
P O BOX 2760
MIDLAND, TX 79702

3b. Phone No. (include area code)
Ph: 432-221-7379

10. Field and Pool, or Exploratory
DOUBLIN RANCH (ATOKA)

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 15 T22S R28E NENE 660FNL 660FEL

11. County or Parish, and State
EDDY CO. COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Subsurface Commingling
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

BOPCO,LP respectfully request permission to downhole comming the production between the Dublin Ranch (Atoka) and the Dublin Ranch (Morrow) in this wellbore. On a Sundry Noticed approved by the BLM on 11.14.08, BOPCO was granted permission to temporarily abandon the Morrow formation perfs 12200'-12384' by setting a CIBP in the packer tailpipe. The Atoka formation was then perforated @ 11496'-11674' and acidized; the well has been producing only from the Atoka formation.

BOPCO, LP requests permission to perforate the tailpipe of the existing packer and produce both formations simultaneously. The combined producing interval will be 12384'-11496' The interest ownership is the same in both of these zones.

The NMOCD has also been petitioned for approval to downhole commingling these two zones.

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #161475 verified by the BLM Well Information System For BOPCO LP, sent to the Carlsbad

Name (Printed/Typed) TRACIE J CHERRY	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 11/30/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
Office _____		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****