

BOPCO, L.P.
201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

RECEIVED OGD

2011 FEB -9 A 11: 22

February 8, 2011

FEDERAL EXPRESS

Bureau of Land Management
620 E. Greene Street,
Carlsbad, Mexico 88201
Attn: Mr. Wesley Ingram

New Mexico State Land Office
Commissioner of Public Lands
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501
Attention: Mr. Pete Martinez

New Mexico Oil Conservation Division
1220 St. Francis
Santa Fe, New Mexico 87505
Attention: William Jones

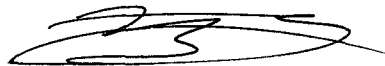
Re: Determination of Non-Commerciality
Morrow Formation
Big Eddy Unit No. 163
Eddy County, New Mexico

Gentlemen:

Please find attached hereto worksheets and pertinent information explaining that the referenced well is not a commercial producer in the Morrow Formation. Should you be in agreement that the Morrow completion is not commercial, please signify by executing one (1) copy of this letter in the space provided below and returning same to the undersigned at your earliest convenience.

Thank you very much and should you have any questions or comments in regard to the attached commercial determination, please don't hesitate to contact the undersigned.

Very truly yours,



Brad Glasscock

BG:ca

Bureau of Land Management

New Mexico State Land Office

New Mexico Oil Conservation Division

By: _____

By: _____

By: _____

Its: _____

Its: _____

Its: _____

Date: _____

Date: _____

Date: _____

Brian Peeggen
Amanda Jones

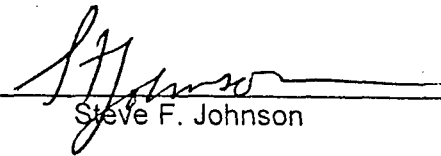
INTER-OFFICE MEMORANDUM
MIDLAND OFFICE

May 13, 2009

TO: FORT WORTH, FILES
FOR: FRANK McCREIGHT
FROM: STEVE F. JOHNSON
RE: COMMERCIAL DETERMINATION
BIG EDDY UNIT NO. 163
GOLDEN LANE (MORROW)
BIG EDDY UNIT
EDDY COUNTY, NEW MEXICO
FILE: 400-WF, BEU163CD.XLS

Attached are the worksheets and necessary attachments for the subject well to be submitted for commercial determination. The Big Eddy Unit #163 was drilled in 2007 to a TD of 12,868' and was completed in the Morrow.

The Big Eddy Unit No. 163 will not be a commercial well and should not receive a participating area. If additional information is required, please advise.


Steve F. Johnson

xc: Ross Sutton
George Hillis

cdp

WORKSHEET FOR COMMERCIAL DETERMINATION AND PARTICIPATING AREA IN FEDERAL UNITS

WELL DATA

WELL _____ BIG EDDY UNIT # 163 _____ FORMATION _____ MORROW _____
 LOCATION _____ G _____ UNIT, _____ 1650 FEET FROM NORTH LINE & _____ 660 FEET FROM WEST LINE
 SECTION _____ 9 _____ TOWNSHIP _____ 21S _____ 29E _____ COUNTY _____ EDDY _____ NEW MEXICO
 SPUD DATE _____ 8/26/2007 _____ COMPLETION DATE _____ 09/16/2008 _____ INITIAL PRODUCTION _____ 09/17/2008
 PERFORATIONS _____ 12768-12840' _____

STIMULATION:

ACID _____

FRACTURE _____ 12768-12840' Frac w/ 84756 gal 40# linerar 70Q Binary foam sytem & 81918# 18/40 Ultraprop _____

POTENTIAL _____ Flowed 0 BO 483 MCF 201 BW _____

(Attach Copy of C-105. Attach Copy of Wellbore Sketch of Completed Well.)

VOLUMETRIC CALCULATION

	SANDS PERFORATED		SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE	
Area (A) proration unit size, acres	320	_____	_____	_____
Porosity (por), %	9%	_____	_____	_____
Water saturation (Sw), %	29%	_____	_____	_____
Net Thickness (h), ft.	34	_____	_____	_____
Temperature (T), Fahrenheit	185	_____	_____	_____
Bottom Hole pressure (P), psia	5,490	_____	_____	_____
Recovery factor (RF), %	75%	_____	_____	_____
Recoverable gas, BCF *(See eq. below)	0.6	_____	_____	_____

*Sometimes unable to match performance due to volumetric uncertainty.

Formula = $(7758)(A)(h)(por)(1-Sw)(RF)/Bg_i$

Bgi = 0.61 RB/MCF

Continued

PERFORMANCE DATA

(If sufficient history exists, attach plot of oil production rate v time.)

CUMULATIVE PRODUCTION TO 03/31/2009 6,063 MCF Gas 0 BBL Oil

INITIAL RATE (qi) 693

ECONOMIC LIMIT (ql) 6

HYPERBOLIC DECLINE RATE, dy b = .6 d = 56.8

REMAINING GAS (Q) = 597,567

ULTIMATE RECOVERABLE GAS (mcf) 603,630

(Attach plat showing proration unit and participating area.)

ECONOMIC

GROSS WELL COST \$ \$4,091,113 (to the depth of formation completed)COMPLETION COST \$ 1,113,276GROSS TOTAL COST \$ \$5,204,389

YEAR	GROSS GAS MMCF	BFIT NET INCOME (\$M)	OPERATING COST (\$M) INCL SEV & AD VAL TAX	5% NET BFIT DISCOUNTED CASH FLOW
ZERO				
1	6.1	30.0	0	-5,174.5
2	105.4	244.4	60.68	174.2
3	130.6	483.9	97.24	354.2
4	80.0	358.1	71.69	249.8
5	55.0	261.2	56.17	170.3
6	40.3	195.7	46.35	118.2
7	31.2	153.3	40.08	85.3
8	24.9	124.7	35.83	63.7
9	20.5	104.3	32.81	48.8
10	17.1	88.7	30.52	37.9
REMAINDER	108	588.7	337.04	133.7
TOTAL	619	2,632.9	808.41	-3,738.5

WELL IS NOT COMMERCIAL

ECONOMIC PROJECTION

Date : 5/13/2009

Lior: 1189078

2:50:34PM

Project Name : Exp of RESERVEPROP

As Of Date : 09/01/2008

Lease Name : 1189078/BIG EDDY UNIT/163/MOR

Partner : All Cases

Discount Rate (%) : 5.00

Reserv Cat. : Proved Producing

Case Type : LEASE CASE

1189078/BIG EDDY UNIT/163/MOR

Field : GOLDEN LANE MORROW GAS

Archive Set : BUD09Q2

Operator : BOPCO

Cum Oil (Mbbbl) : 0.00

Reservoir : MORROW

Cum Gas (MMcf) : 0.00

Co., State : EDDY, NM

Risk: 0.000 Inherited/ 0.000 Compounded

Year	Gross Wet Production		Gross Dry Gas & NGL		Sales		
	Oil (Mbbbl)	Wet Gas (MMcf)	Dry Gas (MMcf)	NGL (Mgal)	Oil (Mbbbl)	Gas (MMcf)	NGL (Mgal)
2008	0.000	6.063	6.063	0.000	0.000	5.122	0.000
2009	0.000	105.418	105.418	0.000	0.000	89.065	0.000
2010	0.000	130.555	130.555	0.000	0.000	110.303	0.000
2011	0.000	79.984	79.984	0.000	0.000	67.577	0.000
2012	0.000	54.996	54.996	0.000	0.000	46.465	0.000
2013	0.000	40.347	40.347	0.000	0.000	34.088	0.000
2014	0.000	31.155	31.155	0.000	0.000	26.322	0.000
2015	0.000	24.912	24.912	0.000	0.000	21.048	0.000
2016	0.000	20.508	20.508	0.000	0.000	17.326	0.000
2017	0.000	17.145	17.145	0.000	0.000	14.485	0.000
Rem	0.000	108.041	108.041	0.000	0.000	91.281	0.000
Total	0.000	619.123	619.123	0.000	0.000	523.082	0.000
Ult.	0.000	619.123					

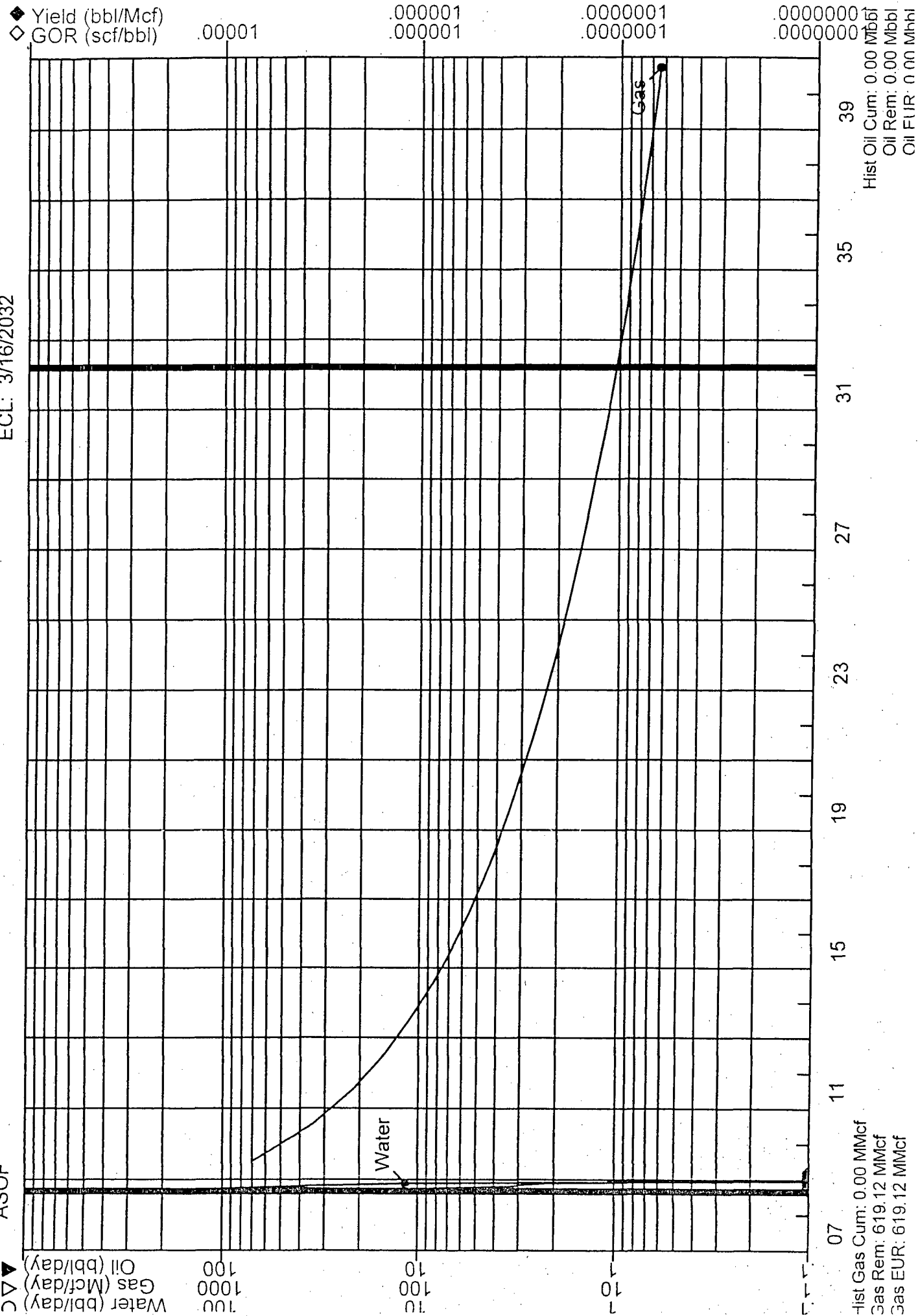
Year	Average Price			Net Revenue			
	Oil (\$/bbl)	Gas (\$/Mcf)	NGL (\$/gal)	Oil (M\$)	Gas (M\$)	NGL (M\$)	Total (M\$)
2008	0.00	5.85	0.00	0.00	29.95	0.00	29.95
2009	0.00	2.74	0.00	0.00	244.44	0.00	244.44
2010	0.00	4.39	0.00	0.00	483.93	0.00	483.93
2011	0.00	5.30	0.00	0.00	358.05	0.00	358.05
2012	0.00	5.62	0.00	0.00	261.18	0.00	261.18
2013	0.00	5.74	0.00	0.00	195.73	0.00	195.73
2014	0.00	5.82	0.00	0.00	153.31	0.00	153.31
2015	0.00	5.92	0.00	0.00	124.66	0.00	124.66
2016	0.00	6.02	0.00	0.00	104.26	0.00	104.26
2017	0.00	6.12	0.00	0.00	88.72	0.00	88.72
Rem	0.00	6.45	0.00	0.00	588.69	0.00	588.69
Total	0.00	5.03	0.00	0.00	2,632.93	0.00	2,632.93

Year	Expenditures				Future Net Revenue			
	Total Sev Taxes (M\$)	Total Adv Taxes (M\$)	Net Investments (M\$)	Total Net Opcosts (M\$)	Annual (M\$)	Cumulative (M\$)	Disc. Ann. CF 5.00 % (M\$)	Cum. Disc. CF 5.00 % (M\$)
2008	0.00	0.00	5,204.39	0.00	-5,174.44	-5,174.44	-5,174.54	-5,174.54
2009	20.02	0.49	0.00	40.17	183.76	-4,990.68	174.17	-5,000.37
2010	39.63	0.97	0.00	56.61	386.72	-4,603.95	354.16	-4,646.21
2011	29.32	0.72	0.00	41.65	286.36	-4,317.59	249.83	-4,396.38
2012	21.39	0.52	0.00	34.26	205.00	-4,112.59	170.32	-4,226.06
2013	16.03	0.39	0.00	29.93	149.38	-3,963.21	118.18	-4,107.88
2014	12.56	0.31	0.00	27.21	113.24	-3,849.98	85.31	-4,022.57
2015	10.21	0.25	0.00	25.37	88.83	-3,761.14	63.74	-3,958.83
2016	8.54	0.21	0.00	24.06	71.45	-3,689.70	48.81	-3,910.02
2017	7.27	0.18	0.00	23.07	58.21	-3,631.49	37.87	-3,872.15
Rem	48.21	1.18	0.00	287.65	251.65	251.65	133.67	133.67
Total	213.18	5.21	5,204.39	589.99	-3,379.84	-3,379.84	-3,738.48	-3,738.48

Maior Phase :	Gas	Working Int :	1.00000000	Present Worth Profile (M\$)	
Perfs :	0 0	Revenue Int :	0.84487636		
Initial Rate :	21.078.75 Mcf/month	Disc. Initial Invest. (m\$) :	5,204.389	5.00% :	-3,738.48
Abandonment :	315.73 Mcf/month	Internal ROR (%) :	>1000.0	9.00% :	-3,939.47
Initial Decline :	56.80 % year b = 0.600	ROI Investment (disc/undisc) :	0.28 / 0.35	10.00% :	-3,981.56
Bea Ratio :	0.00 bbl/Mcf	Years to Pavout :	0.00	12.00% :	-4,058.02
End Ratio :	0.00 bbl/Mcf	Abandonment Date :	03/16/2032	15.00% :	-4,156.64
Forecast Start :	07/01/2009			20.00% :	-4,288.65
		Initial	1st Rev.	30.00% :	-4,474.55
		Working Interest : 1.00000000	0.00000000	40.00% :	-4,599.19
		Revenue Interest : 0.84487636	0.00000000	50.00% :	-4,688.48
		Rev. Date :		60.00% :	-4,755.47

ASOF

ECL: 3/16/2032



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 20075. Lease Serial No.
NMLC063418A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.

NMNM68294X

8. Lease Name and Well No.

BIG EDDY UNIT 163

9. API Well No.

30-015-35348

10. Field and Pool, or Exploratory

GOLDEN LANE (MORROW)

11. Sec., T., R., M., on Block and

Survey or Area SEC9, T21S, R29E

12. County or Parish

EDDY

13. State

NM

17. Elevations (DF, RKB, RT, GL)*

3406' GL

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Otherb. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,

Other

2. Name of Operator

BEPCO, L.P.

3. Address

P.O. BOX 2760 MIDLAND TX 79702-2760

3.a Phone No. (Include area code)

(432)683-2277

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At Surface UL E, 1650' FNL, 660' FWL, LAT. N 32.496361, LONG W 103.99639

At top prod. interval reported below SAME

At total depth SAME

14. Date Spudded

08/26/2007

15. Date T.D. Reached

10/22/2007

16. Date Completed

☐ D & A ☒ Ready to Prod.

09/16/2008

18. Total Depth: MD 12966'

TVD

19. Plug Back T.D.: MD 12868'

TVD

20. Depth Bridge Plug Set: MD

TVD

21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)

LDT-CNL-GR; HLA-CFL-GR

22. Was well cored? ☒ No ☐ Yes (Submit analysis)Was DST run? ☒ No ☐ Yes (Submit analysis)Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
26"	20"	94#	0'	687'		1233 SXS		0' CIRC	
17-1/2"	13-3/8"	48 &	0'	1864'		1750 SXS		0' TOP OUT	
12-1/4"	9-5/8"	54.5#	0'	3143'		1495 SXS		0' CIRC	
8-3/4"	5-1/2"	40#	0"	12950'	7508'	1190 STG 1		7508' CIRC	
		17#				1095 STG 2		1968' TS	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	12750'	12740'						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Morrow	12131'	12899'	12768-12840'	0.380	52	PRODUCING
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
12768-12840'	FRAC W/ 84756 GALS 40# LINEAR 70Q BINARY FOAM SYSTEM & 81981#S 18/40 ULTRPROP

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
09/17/08	09/19/08	24	→	0	483	201			FLOWING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
21/64"	750	700	→				NA	Producing	

Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

: SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones or porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				T/RUSTLER	958'
				T/TANSIL	1655'
				T/CAPITAN REEF	1970'
				T/BELL CANYON	3570'
				T/BONE SPRING	6745'
				T/WOLF CAMP	9994'
				T/STRAWN	11126'
				T/ATOKA	11500'
				T/MORROW	12131'
				T/BARNETT	12900'

32. Additional remarks (include plugging procedure):

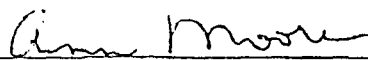
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geological Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
☒ Other Inclination Report

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) ANN MOORETitle SENIOR PRODUCTION CLERK

Signature

Date 09/23/2008

Title 18 U.S.C. Section 101 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 and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DISTRICT I
1525 N. French Dr., Hobbs, NM 88240

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

DISTRICT III
1000 Rio Brazos Ed., Artesia, 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, 2005

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 30-015-35348	Pool Code 77560	Pool Name Golden Lane (Morrow)
Property Code 001776	Property Name BIG EDDY UNIT	Well Number 163
OGRIID No. 001801	Operator Name BEPCO, L.P.	Elevation 3406'

Surface Location

UL or lot No. E	Section 9	Township 21 S	Range 29 E	Lot Idn	Feet from the 1650	North/South line NORTH	Feet from the 660	East/West line WEST	County 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.
------------------------	----------------------	--------------------	-----------

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 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. Signature: <i>[Signature]</i> Date: 10-30-06 Printed Name: STEPHEN M. MARTINEZ
	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. Date Surveyed: 10/30/06 Signature: <i>[Signature]</i> Professional Surveyor Seal: NEW MEXICO PROFESSIONAL SURVEYOR 7977 Certificate No. 7977 Jones

CURRENT WELLBORE DIAGRAM

Lease: **Big Eddy Unit** Well No.: **163**
 Field: **Golden Lane (Morrow)**
 Location: **1650' FNL & 660' FWL, Sec 9-T21S-R29E**
 County: **Eddy** St: **NM** API: **30-015-35348**

KB: 3429.9
 GL: 3404.9
 Spud Date: 8/26/2007
 Compl. Date:

Surface Csg.

Size: 20'
 Wt: 94#
 Grd: K55, Buttress
 Set @: 687'
 Sxs cmt: 833 Prem + HLC
 400 Prem +
 Circ: Y-424 sxs to pit
 TOC: Surface
 Hole Size: 26' to 436'

0 KB
 25 GL

X: 604220.6
 Y: 644349.94
 Lat: N-32.496361°
 Long: W-103.99639°

1st Intermediate Csg.

Size: 13-3/8"
 Wt: 48# & 54.5#
 Grd: H40 & J55
 Set @: 1864'
 Sxs Cmt: 1000 Prem Interfill
 550 Prem +
 Circ: N
 TOC: Surface - Top Out 200 sx
 Hole Size: 17-1/2"

687' 20" Csg

1864' 13 3/8" Csg
 1968' TOC (by TS 10/23/07)
 3143' 9 5/8" Csg
 5455' 1' Marker (by Csg Detail)
 7508' DV Tool (Csg Detail)

2nd Intermediate Csg.

Size: 9 5/8"
 Wt: 40#
 Grd: J55
 Set @: 3143'
 Sxs Cmt: 1495 Prem +
 Circ: Y
 TOC: Surface 210 sxs
 Hole Size: 12-1/4"

11,677' 1' Marker (by Csg Detail)

Production Csg.

Size: 5 1/2"
 Wt: 17#
 Grd: HCP-110
 Set @: 12,950
 Stg #1: 1190 sxs Prem Inter
 Circ: Yes 101 sxs
 Stg #2: 1095 sxs Prem Inter
 Circ: No
 TOC: 1968' (by TS)
 Hole Size: 8 3/4

12740' Baker Model "D" pkr w/ glass disk & WEG
 12768-72' L Morrow Perfs: OA
 12784-90' (52 holes) 2/12/08
 12798-812'
 12832-40'
 12,868' Float Collar (by Csg Detail)
 12,950' 5 1/2" Csg Shoe (by Csg Detail)

Tubing

389 jts 2 3/8" 4.7# L-80, Prof Nipple,
 1 jt 2 3/8" 4.7# L-80 tbg, Anchor seal assem,
 Model D Pkr w/ B guide, tbg sub, Prof Nipple,
 tbg sub, Glass Disk sub, WEG

PBTD: 12868
 TD: 12950
 TD: 12966

(Float Collar)
 (Driller's TD)
 (Logger's TD)

Updated: 10/1/2008
 Author: ezg
 Engr: SSM

BOPCO, L.P.
201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

RECEIVED OCD
2011 FEB -9 A 11: 24

February 8, 2011

FEDERAL EXPRESS

Bureau of Land Management
620 E. Greene Street,
Carlsbad, Mexico 88201
Attn: Mr. Wesley Ingram

New Mexico State Land Office
Commissioner of Public Lands
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501
Attention: Mr. Pete Martinez

New Mexico Oil Conservation Division
1220 St. Francis
Santa Fe, New Mexico 87505
Attention: William Jones

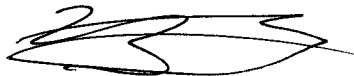
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Big Eddy Unit No. 168
Morrow Formation
Eddy County, New Mexico

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Please find attached hereto worksheets and pertinent information explaining that the referenced well is not a commercial producer in the Morrow Formation. Should you be in agreement that the Morrow completion is not commercial, please signify by executing one (1) copy of this letter in the space provided below and returning same to the undersigned at your earliest convenience.

Thank you very much and should you have any questions or comments in regard to the attached commercial determination, please don't hesitate to contract the undersigned.

Very truly yours,



Brad Glasscock

BG:ca

Bureau of Land Management

New Mexico State Land Office

New Mexico Oil Conservation Division

By: _____

By: _____

By: _____

Its: _____

Its: _____

Its: _____

Date: _____

Date: _____

Date: _____

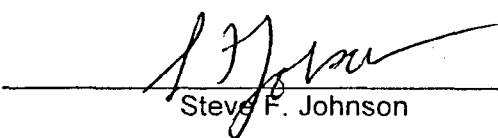
INTER-OFFICE MEMORANDUM
MIDLAND OFFICE

May 21, 2009

TO: FORT WORTH, FILES
FOR: FRANK McCREIGHT
FROM: STEVE F. JOHNSON
RE: COMMERCIAL DETERMINATION
BIG EDDY UNIT NO. 168
BASS (MORROW)
BIG EDDY UNIT
EDDY COUNTY, NEW MEXICO
FILE: 400-WF, BEU168CD.XLS

The Big Eddy Unit #168 was drilled in 2008 to a TD of 12,397' and was completed in the Morrow. The Morrow zone was perforated from 11,928-12,316' and tested.

The Big Eddy Unit No. 168 will not be a commercial well in the Morrow zone and should not receive a participating area. If additional information is required, please advise.



Steve F. Johnson

xc: Ross Sutton
George Hillis
Brad Glasscock


cdp

ECONOMIC PROJECTION

Date: 5/21/2009

Lior: 1189085

1:11:25PM

Project Name: Exp of RESERVEPROP

As Of Date: 01/01/2009

Lease Name: 1189085/BIG EDDY UNIT/168/MOR

r: 99999

Discount Rate (%): 5.00

Reserv Cat.: Proved Producing

Type: LEASE CASE

Custom Selection

Field: FENTON DRAW (MORROW)

Archive Set: BUD09Q2

Operator: BOPCO

Cum Oil (Mbbbl): 0.00

Reservoir: MORROW

Cum Gas (MMcf): 1.20

Co., State: EDDY, NM

Risk: 0.000 Inherited/ 0.000 Compounded
Sales

Year	Gross Wet Production		Gross Dry Gas & NGL				
	Oil (Mbbbl)	Wet Gas (MMcf)	Dry Gas (MMcf)	NGL (Mgal)	Oil (Mbbbl)	Gas (MMcf)	NGL (Mgal)
2009	0.007	15.026	15.026	0.000	0.006	12.378	0.000
2010	0.000	3.349	3.349	0.000	0.000	2.759	0.000
2011	0.000	2.062	2.062	0.000	0.000	1.698	0.000
2012	0.000	1.514	1.514	0.000	0.000	1.247	0.000
2013	0.000	1.073	1.073	0.000	0.000	0.884	0.000

Rem	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total	0.007	23.024	23.024	0.000	0.006	18.966	0.000
Ult	0.007	24.223					

Year	Average Price			Net Revenue			
	Oil (\$/bbl)	Gas (\$/Mcf)	NGL (\$/gal)	Oil (M\$)	Gas (M\$)	NGL (M\$)	Total (M\$)
2009	38.76	3.11	0.00	0.22	38.56	0.00	38.78
	0.00	4.82	0.00	0.00	13.28	0.00	13.28
	0.00	5.57	0.00	0.00	9.46	0.00	9.46
2012	0.00	5.78	0.00	0.00	7.21	0.00	7.21
2013	0.00	5.79	0.00	0.00	5.12	0.00	5.12

Rem	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	38.76	3.88	0.00	0.22	73.62	0.00	73.85

Year	Expenditures				Future Net Revenue			
	Total Sev Taxes (M\$)	Total Adv Taxes (M\$)	Net Investments (M\$)	Total Net Opcosts (M\$)	Annual (M\$)	Cumulative (M\$)	Disc. Ann. CF 5.00 % (M\$)	Cum. Disc. CF 5.00 % (M\$)
2009	2.06	0.05	4,027.98	21.59	-4,012.91	-4,012.91	-4,012.90	-4,012.90
2010	1.09	0.03	0.00	18.80	-6.63	-4,019.54	-6.15	-4,019.04
2011	0.77	0.02	0.00	18.49	-9.83	-4,029.37	-8.69	-4,027.73
2012	0.59	0.01	0.00	18.36	-11.76	-4,041.13	-9.91	-4,037.64
2013	0.42	0.01	0.00	16.21	-11.52	-4,052.64	-9.27	-4,046.91

Rem	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	4.94	0.12	4,027.98	93.45	-4,052.64	-4,052.64	-4,046.91	-4,046.91

Major Phase: Gas
 Perfs: 0 0
 Initial Rate: 5,715.00 Mcf/month
 Abandonment: 92.47 Mcf/month
 Decline: 100.00 % year b = 1.100
 Ratio: 0.00 bbl/Mcf
 End Ratio: 0.00 bbl/Mcf
 Forecast Start: 01/01/2009

Working Int: 1.00000000
 Revenue Int: 0.82375000
 Disc. Initial Invest. (m\$): 4,027.983
 Internal ROR (%): >1000.0
 ROI Investment (disc/undisc): 0.00 / 0.00
 Years to Payout: 0.00
 Abandonment Date: 11/19/2013

Present Worth Profile (M\$)

5.00%: -4,046.91
 9.00%: -4,043.14
 10.00%: -4,042.29
 12.00%: -4,040.70
 15.00%: -4,038.53
 20.00%: -4,035.42
 30.00%: -4,030.66
 40.00%: -4,027.25
 50.00%: -4,024.74
 60.00%: -4,022.84

Initial 1st Rev. 2nd Rev.
 Working Interest: 1.00000000 0.00000000 0.00000000
 Revenue Interest: 0.82375000 0.00000000 0.00000000

Rev. Date:

Ver: 5/21/2009

Field: FENTON DP^W (MORROW)
No Initial Data Found

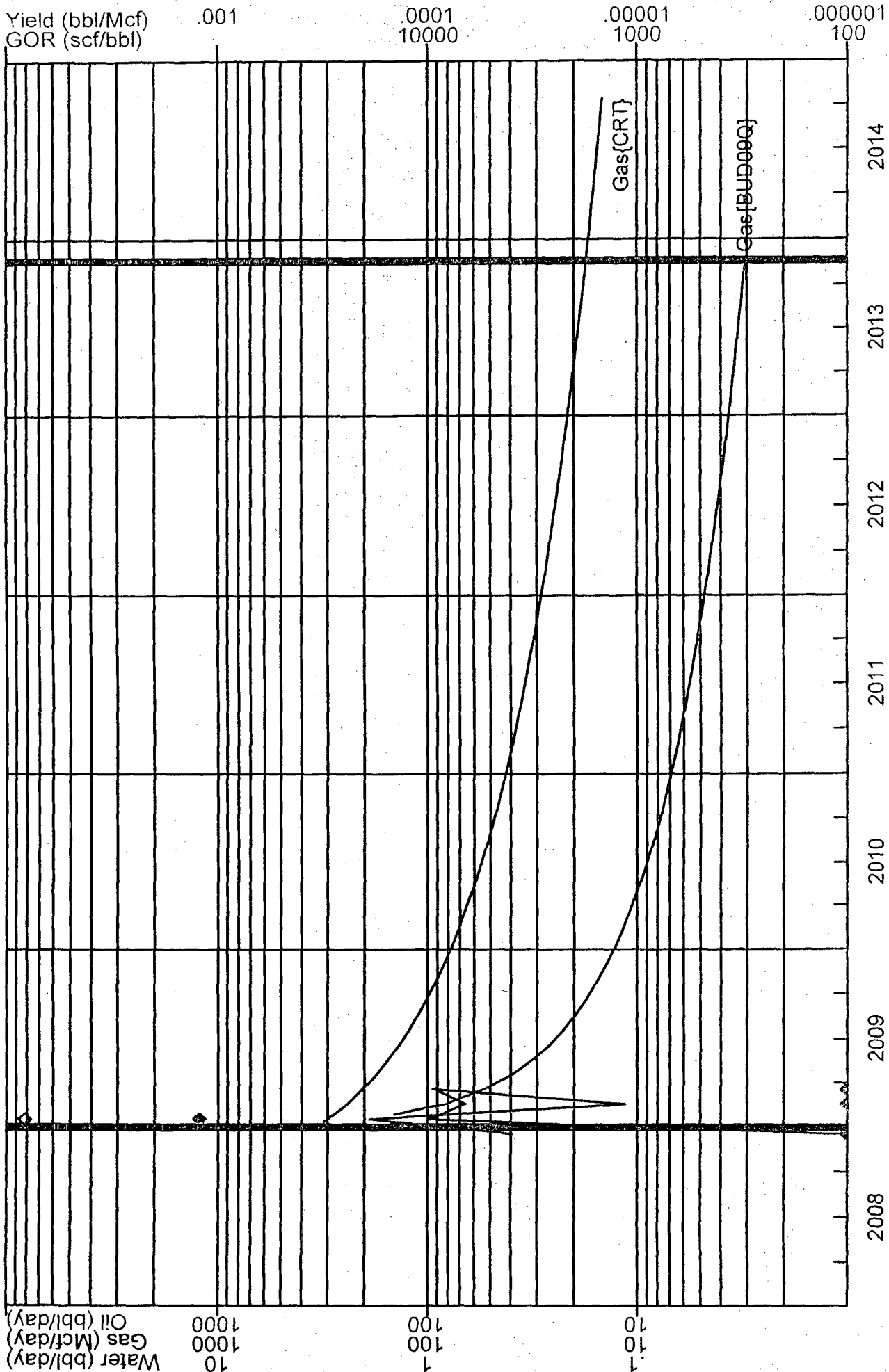
1189085/BIG ENERGY UNIT/168/MOR
Major Phase: (

Testing the Morrow, till
Atoka perms added

ECL: 11/19/2013

ASOF: 1/1/2009

◆ Yield (bbl/Mcf)
◇ GOR (scf/bbl)



Hist Oil Cum: 0.00 Mbbl
Oil Rem: 0.01 Mbbl
Oil EUR: 0.01 Mbbl

Hist Gas Cum: 1.20 MMcf
Gas Rem: 23.02 MMcf
Gas EUR: 24.22 MMcf

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1600 Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505		Form C-105 July 17, 2008	
		1. WELL API NO.		30-015-36021	
		2. Type of Lease		☒ STATE ☐ FEE ☐ FED/INDIAN	
		3. State Oil & Gas Lease No.		E-5550	
WELL COMPLETION OR RECOMPLETION REPORT AND LOG					
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)				5. Lease Name or Unit Agreement Name	
				BIG EDDY UNIT	
				6. Well Number:	
				168	
7. Type of Completion:					
☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER					
8. Name of Operator				9. OGRID	
BOPCO, L. P.				260737	
10. Address of Operator				11. Pool name or Wildcat	
P. O. BOX 2760 Midland, TX 79705				BASS (MORROW)	
12. Location	Unit Ltr	Section	Township	Range	Lot
Surface:	O	16	21S	28E	
BH:		SAME			
13. Date Spudded	14. Date T.D. Reached	15. Date Rig Released		16. Date Completed (Ready to Produce)	
04/04/2008	05/15/2008	05/18/2008		12/29/2008	
17. Elevations (DF and RKB, RT, GR, etc.)		3255'			
18. Total Measured Depth of Well		19. Plug Back Measured Depth		20. Was Directional Survey Made?	
12397'		12370		NO	
21. Type Electric and Other Logs Run					
LDT-CNL-GR; HLA-CFL-GR					
22. Producing Interval(s), of this completion - Top, Bottom, Name					
MORROW, 11928'-12084'					
CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
12 1/2"	54.5 & 48#	1005'	17-1/2"	910 SXS	NA
9 5/8"	36#	2585'	12-1/4"	400 SXS STG 1	NA
				300 SXS STG 2 DVT @1300	
5-1/2"	17#	12385'	8-3/4"	1060 SXS STG 1	NA
				1340 SXS STG 2 DVT @7496'	
24. LINER RECORD			25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE
					NA"
26. Perforation record (interval, size, and number)			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.		
11928-12084' (74 TOTAL SHOTS)			DEPTH INTERVAL		
12268-12316' (156 TOTAL SHOTS)			AMOUNT AND KIND MATERIAL USED		
			11928-12084'		
			Frac'd w/112226 gals 40# Binary		
			700 foam + 43500 #'s Ultraprop		
			12268-12316'		
			NO STIMULATION		
PRODUCTION					
28. Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)		Well Status (Prod. or Shut-in)	
12/29/2008		FLOWING		PRODUCING	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF
01/10/2009	24	WO		0	408
Water - Bbl.	Gas - Oil Ratio				
5	NA				
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.
NA	391 FCP		0	408	5
Oil Gravity - API - (Corr.)					
NA					
29. Disposition of Gas (Sold, used for fuel, vented, etc.)					30. Test Witnessed By
SOLD					
31. List Attachments					
C-102, INCLINATION REPORT, ELECTRIC LOGS					
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.					
33. If an on-site burial was used at the well, report the exact location of the on-site burial:					
Latitude		Longitude		NAD 1927 1983	
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief					
Signature		Printed Name		Title	
		Ann Moore		Sr. Regulatory Clerk	
E-mail Address		Date			
camoore@basspet.com		01/26/2009			

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

BASIN SURVEYS

03/30/2009 15:44 FAX 432 687 0329

BASS ENTERPRISES

003/008

Submit To: Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 1501 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Bravo Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505		Form C-105 July 17, 2008	
		1. WELL API NO.		30-015-36021	
		2. Type of Lease		☒ STATL ☐ FEE ☐ FED/INDIAN	
		3. State Oil & Gas Lease No.		E-5550	
WELL COMPLETION OR RECOMPLETION REPORT AND LOG					
4. Reason for filing.		5. Lease Name or Unit Agreement Name			
☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33, attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)		BIG EDDY UNIT 6. Well Number: 168			
7. Type of Completion.					
☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER					
8. Name of Operator		9. OGRID			
BOPCO, L. P.		260737			
10. Address of Operator		11. Pool name or Wildcat			
P O. BOX 2760 Midland, TX 79705		BASS (MORROW) 71640			
12. Location	Unit Ltr	Section	Township	Range	Lot
Surface:	O	16	21S	28E	
BH:		SAME			
13. Date Spudded	14. Date T.D. Reached	15. Date Rig Released	16. Date Completed (Ready to Produce)	17. Elevations (DF and KKB, RT, GR, etc.)	
04/04/2008	05/15/2008	05/18/2008	12/29/2008	3255'	
18. Total Measured Depth of Well	19. Plug Back Measured Depth	20. Was Directional Survey Made?	21. Type Electric and Other Logs Run		
12397'	12370	NO	LDT-CNL-GR, HLA-CFL-GR		
22. Producing Interval(s), of this completion - Top, Bottom, Name					
MORROW, 11928'-12084'					
23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LBS/FT	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5 & 48#	1005'	17-1/2"	910 SXS	NA
9-5/8"	36#	2585'	12-1/4"	400 SXS STG 1	NA
				300 SXS STG 2 DVT @1300	
5-1/2"	17#	12385'	8-3/4"	1060 SXS STG 1	NA
				1340 SXS STG 2 DVT @7496'	
24. LINER RECORD			25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE
					NA"
26. Perforation record (interval, size, and number)			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.		
11928-12084' (74 TOTAL SHOTS)			DEPTH INTERVAL: AMOUNT AND KIND MATERIAL USED		
12268-12316' (156 TOTAL SHOTS)			11928-12084' Frac'd w/112226 gals 40# Binary		
			70Q foam + 43500 #'s Ultraprop		
			12268-12316' NO STIMULATION		
28. PRODUCTION					
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)		Well Status (Prod. or Shut-in)	
12/29/2008		FLOWING		PRODUCING	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF
01/10/2009	24	WO		0	408
Flow Tubing Press	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl
NA	391 FCP		0	408	5
29. Disposition of Gas (Sold, used for fuel, vented, etc.)				30. Test Witnessed By	
SOLD					
31. List Attachments					
C-102, INCLINATION REPORT, ELECTRIC LOGS					
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit					
33. If an on-site burial was used at the well, report the exact location of the on-site burial					
Latitude Longitude NAD 1983					
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.					
Signature		Printed Name		Title	
		Ann Moore		Sr Regulatory Clerk	
E-mail Address		Date			
camoore@bassnet.com		01/26/2009			

DISTRICT I

1625 N. French Dr., Hobbs, NM 88240

DISTRICT II

131 Grand Avenue, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

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 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-36021	Pool Code 71640	Pool Name Bass (Morrow)
Property Code 305860	Property Name BIG EDDY UNIT	Well Number 168
OGRID No. 260737	Operator Name BOPCO, L. P.	Elevation 3255'

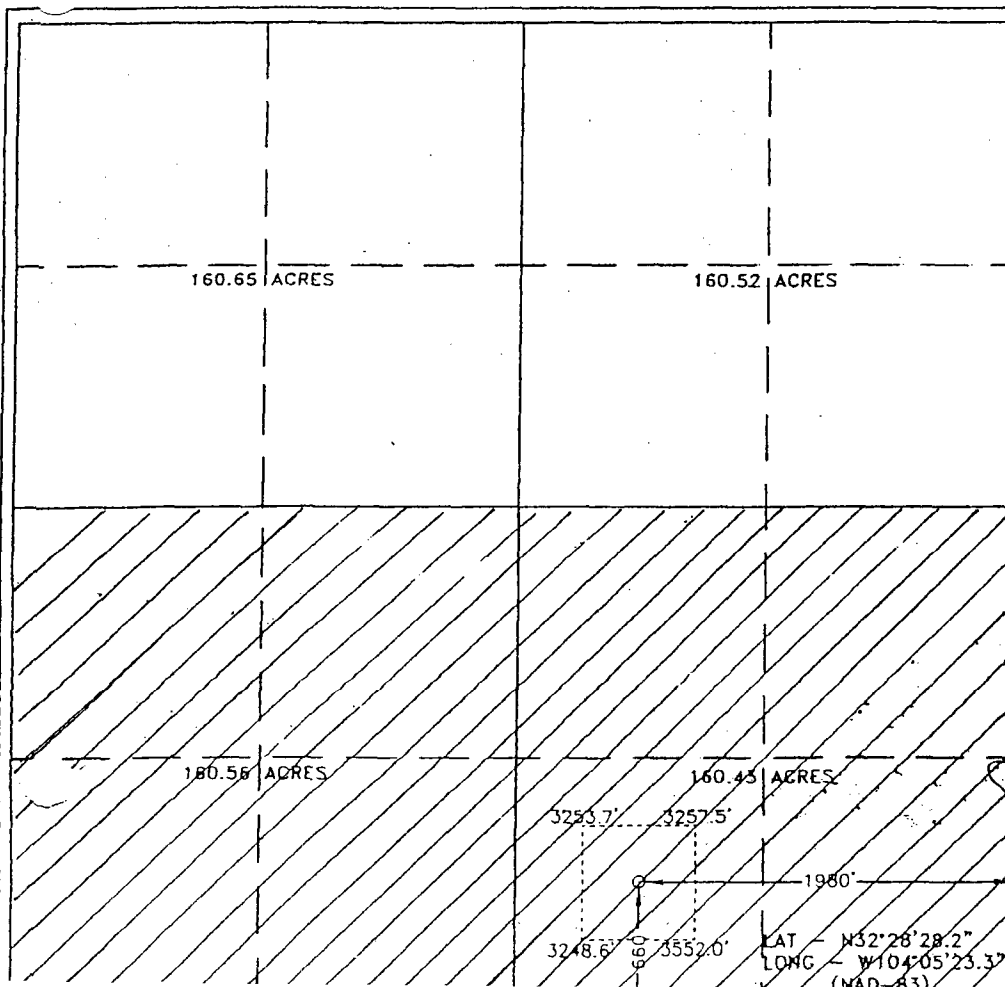
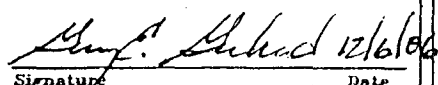
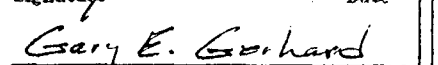
Surface Location

UL or lot No. 0	Section 16	Township 21 S	Range 28 E	Lot Idn	Feet from the 660	North/South line SOUTH	Feet from the 1980	East/West line EAST	County 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.						

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 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.  Signature _____ Date 12/6/06  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. OCTOBER 02, 2006 Date Surveyed Signature of _____ Professional Surveyor 7977 W.O. No. 6588 Certified by _____ Jones 7977					

BOPCO, L.P.
201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

RECEIVED OGD

2011 FEB -9 A 11: 25

February 8, 2011

FEDERAL EXPRESS

Bureau of Land Management
620 E. Greene Street,
Carlsbad, Mexico 88201
Attn: Mr. Wesley Ingram

New Mexico State Land Office
Commissioner of Public Lands
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501
Attention: Mr. Pete Martinez

New Mexico Oil Conservation Division
1220 St. Francis
Santa Fe, New Mexico 87505
Attention: William Jones

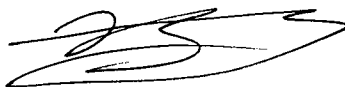
Re: Determination of Non-Commerciality
Atoka Formation
Big Eddy Unit No. 156
Eddy County, New Mexico

Gentlemen:

Please find attached hereto worksheets and pertinent information explaining that the referenced well is not a commercial producer in the Atoka Formation. Should you be in agreement that the Atoka completion is not commercial, please signify by executing one (1) copy of this letter in the space provided below and returning same to the undersigned at your earliest convenience.

Thank you very much and should you have any questions or comments in regard to the attached commercial determination, please don't hesitate to contact the undersigned.

Very truly yours,



Brad Glasscock

BG:ca

Bureau of Land Management

New Mexico State Land Office

New Mexico Oil Conservation Division

By: _____

By: _____

By: _____

Its: _____

Its: _____

Its: _____

Date: _____

Date: _____

Date: _____

CDP

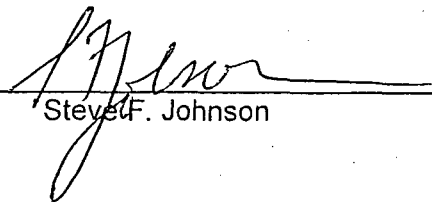
INTER-OFFICE MEMORANDUM
MIDLAND OFFICE

June 29, 2009

TO: FORT WORTH, FILES
FOR: FRANK McCREIGHT
FROM: STEVE F. JOHNSON
RE: COMMERCIAL DETERMINATION
BIG EDDY UNIT NO. 156
INDIAN FLATS (ATOKA)
BIG EDDY UNIT
EDDY COUNTY, NEW MEXICO
FILE: 100-WF, BEU156A.XLS

Attached are the worksheets and necessary attachments for the subject well to be submitted for commercial determination. The Big Eddy Unit #156 was drilled in 2007 to a TD of 12,730' and was completed in the Morrow. The well was recompleted to the Atoka in November, 2008. The well is producing from perforations 11,514-11,527'.

The Big Eddy Unit No. 156 will not be a commercial well and should not receive a participating area. If additional information is required, please advise.


Steve F. Johnson

BSD
xc: Ross Sutton
George Hillis
Brad Glasscock
Amanda Jones
Brian Pregger

CDP
cdp

ECONOMIC PROJECTION

Date: 6/29/2009

Lior: 1189077

4:38:17PM

Project Name: Exp of RESERVEPROP

As Of Date: 11/01/2008

Lease Name: 1189077/BIG EDDY UNIT/156/ATO

Case Type: LEASE CASE

Discount Rate (%): 5.00

Reserv Cat.: Proved Producing

Archive Set: BUD09Q2

1189077/BIG EDDY UNIT/156/ATO

Field: INDIAN FLATS (ATOKA)

Cum Oil (Mbbbl): 0.00

Operator: BOPCO

Cum Gas (MMcf): 0.00

Reservoir: ATOKA

Co., State: EDDY, NM

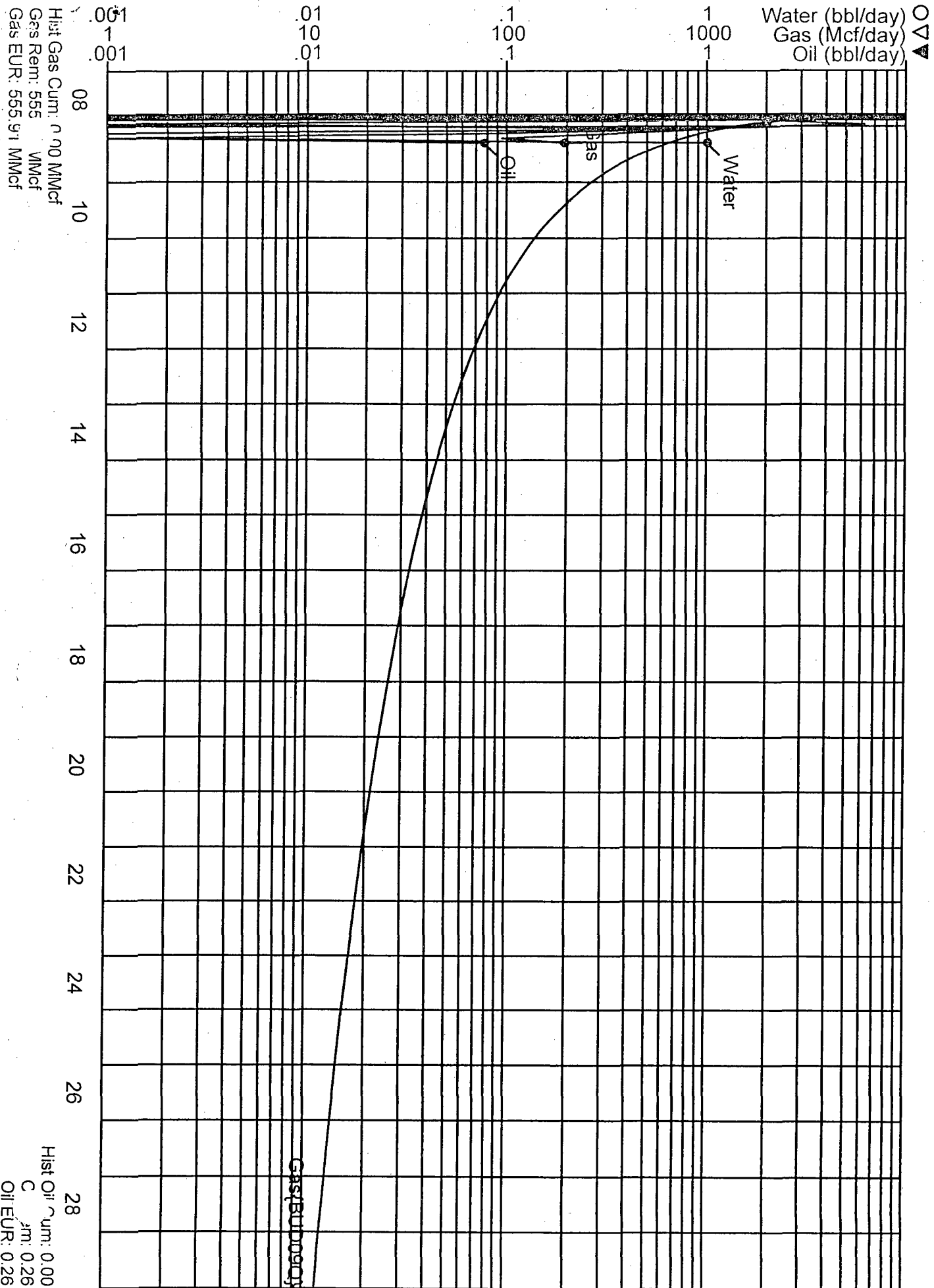
Risk: 0.000 Inherited/ 0.000 Compounded

Year	Gross Wet Production		Gross Dry Gas & NGL		Sales		
	Oil (Mbbbl)	Wet Gas (MMcf)	Dry Gas (MMcf)	NGL (Mgal)	Oil (Mbbbl)	Gas (MMcf)	NGL (Mgal)
2008	0.224	110.280	110.280	0.000	0.189	93.173	0.000
2009	0.035	146.069	146.069	0.000	0.030	123.410	0.000
2010	0.000	68.343	68.343	0.000	0.000	57.741	0.000
2011	0.000	40.946	40.946	0.000	0.000	34.595	0.000
2012	0.000	29.028	29.028	0.000	0.000	24.525	0.000
2013	0.000	22.252	22.252	0.000	0.000	18.800	0.000
2014	0.000	18.002	18.002	0.000	0.000	15.210	0.000
2015	0.000	15.070	15.070	0.000	0.000	12.732	0.000
2016	0.000	12.964	12.964	0.000	0.000	10.953	0.000
2017	0.000	11.299	11.299	0.000	0.000	9.546	0.000
Rem	0.000	81.653	81.653	0.000	0.000	68.986	0.000
Total	0.259	555.907	555.907	0.000	0.219	469.673	0.000
Ult.	0.259	555.907					

Year	Average Price			Net Revenue			
	Oil (\$/bbl)	Gas (\$/Mcf)	NGL (\$/gal)	Oil (M\$)	Gas (M\$)	NGL (M\$)	Total (M\$)
2008	40.30	4.68	0.00	7.63	436.04	0.00	443.67
	39.09	3.06	0.00	1.16	378.23	0.00	379.39
	0.00	4.78	0.00	0.00	276.25	0.00	276.25
2011	0.00	5.60	0.00	0.00	193.89	0.00	193.89
2012	0.00	5.83	0.00	0.00	142.96	0.00	142.96
2013	0.00	5.93	0.00	0.00	111.50	0.00	111.50
2014	0.00	6.05	0.00	0.00	92.05	0.00	92.05
2015	0.00	6.18	0.00	0.00	78.75	0.00	78.75
2016	0.00	6.33	0.00	0.00	69.29	0.00	69.29
2017	0.00	6.47	0.00	0.00	61.77	0.00	61.77
Rem	0.00	6.86	0.00	0.00	473.29	0.00	473.29
Total	40.14	4.93	0.00	8.78	2,314.02	0.00	2,322.80

Year	Expenditures				Future Net Revenue			
	Total Sev Taxes (M\$)	Total Adv Taxes (M\$)	Net Investments (M\$)	Total Net Opcosts (M\$)	Annual (M\$)	Cumulative (M\$)	Disc. Ann. CF 5.00 % (M\$)	Cum. Disc. CF 5.00 % (M\$)
2008	29.08	0.66	2,885.04	0.00	-2,471.11	-2,471.11	-2,472.85	-2,472.85
2009	33.54	0.76	0.00	43.19	301.90	-2,169.22	293.33	-2,179.53
2010	24.43	0.55	0.00	20.21	231.06	-1,938.15	213.41	-1,966.11
2011	17.14	0.39	0.00	12.11	164.25	-1,773.91	144.46	-1,821.66
2012	12.64	0.29	0.00	8.58	121.45	-1,652.46	101.70	-1,719.95
2013	9.86	0.22	0.00	6.58	94.83	-1,557.62	75.61	-1,644.34
2014	8.14	0.18	0.00	5.32	78.40	-1,479.23	59.52	-1,584.82
2015	6.96	0.16	0.00	4.46	67.17	-1,412.05	48.57	-1,536.25
2016	6.13	0.14	0.00	3.83	59.19	-1,352.86	40.75	-1,495.50
2017	5.46	0.12	0.00	3.34	52.84	-1,300.02	34.65	-1,460.85
Rem	41.85	0.95	0.00	24.15	406.35	406.35	202.28	202.28
Total	195.24	4.42	2,885.04	131.77	-893.67	-893.67	-1,258.57	-1,258.57

Major Phase:	Gas	Working Int:	1.00000000	Present Worth Profile (M\$)	
Perfs:	0 0	Revenue Int:	0.84487636		
Initial Rate:	45,623.00 Mcf/month	Disc. Initial Invest. (m\$):	2,885.044	5.00%:	-1,258.57
Abandonment:	337.20 Mcf/month	Internal ROR (%):	>1000.0	9.00%:	-1,440.34
Decline:	99.86 % year b = 0.900	ROI Investment (disc/undisc):	0.56 / 0.69	10.00%:	-1,476.41
Ratio:	0.00 bbl/Mcf	Years to Payout:	0.00	12.00%:	-1,540.24
Loss Ratio:	0.00 bbl/Mcf	Abandonment Date:	11/05/2030	15.00%:	-1,619.53
Forecast Start:	11/01/2008			20.00%:	-1,720.88
		Initial	1st Rev.	30.00%:	-1,856.31
		Working Interest:	0.00000000	40.00%:	-1,944.27
		Revenue Interest:	0.84487636	50.00%:	-2,007.03
		Rev. Date:		60.00%:	-2,054.59



CDP

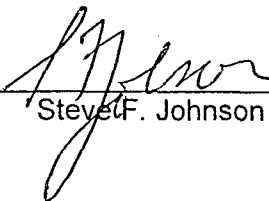
INTER-OFFICE MEMORANDUM
MIDLAND OFFICE

June 29, 2009

TO: FORT WORTH, FILES
FOR: FRANK McCREIGHT
FROM: STEVE F. JOHNSON
RE: COMMERCIAL DETERMINATION
BIG EDDY UNIT NO. 156
INDIAN FLATS (ATOKA)
BIG EDDY UNIT
EDDY COUNTY, NEW MEXICO
FILE: 100-WF, BEU156A.XLS

Attached are the worksheets and necessary attachments for the subject well to be submitted for commercial determination. The Big Eddy Unit #156 was drilled in 2007 to a TD of 12,730' and was completed in the Morrow. The well was recompleted to the Atoka in November, 2008. The well is producing from perforations 11,514-11,527'.

The Big Eddy Unit No. 156 will not be a commercial well and should not receive a participating area. If additional information is required, please advise.


Steve F. Johnson


xc: Ross Sutton
George Hillis
Brad Glasscock
Amanda Jones
Brian Pregger


cdp

ECONOMIC PROJECTION

Date: 6/29/2009

Lior: 1189077

4:38:17PM

Project Name: Exp of RESERVEPROP

As Of Date: 11/01/2008

Lease Name: 1189077/BIG EDDY UNIT/156/ATO

Case Type: LEASE CASE

Discount Rate (%): 5.00

Reserv Cat.: Proved Producing

Archive Set: BUD09Q2

1189077/BIG EDDY UNIT/156/ATO

Field: INDIAN FLATS (ATOKA)

Cum Oil (Mbbbl): 0.00

Operator: BOPCO

Cum Gas (MMcf): 0.00

Reservoir: ATOKA

Co., State: EDDY, NM

Risk: 0.000 Inherited/ 0.000 Compounded

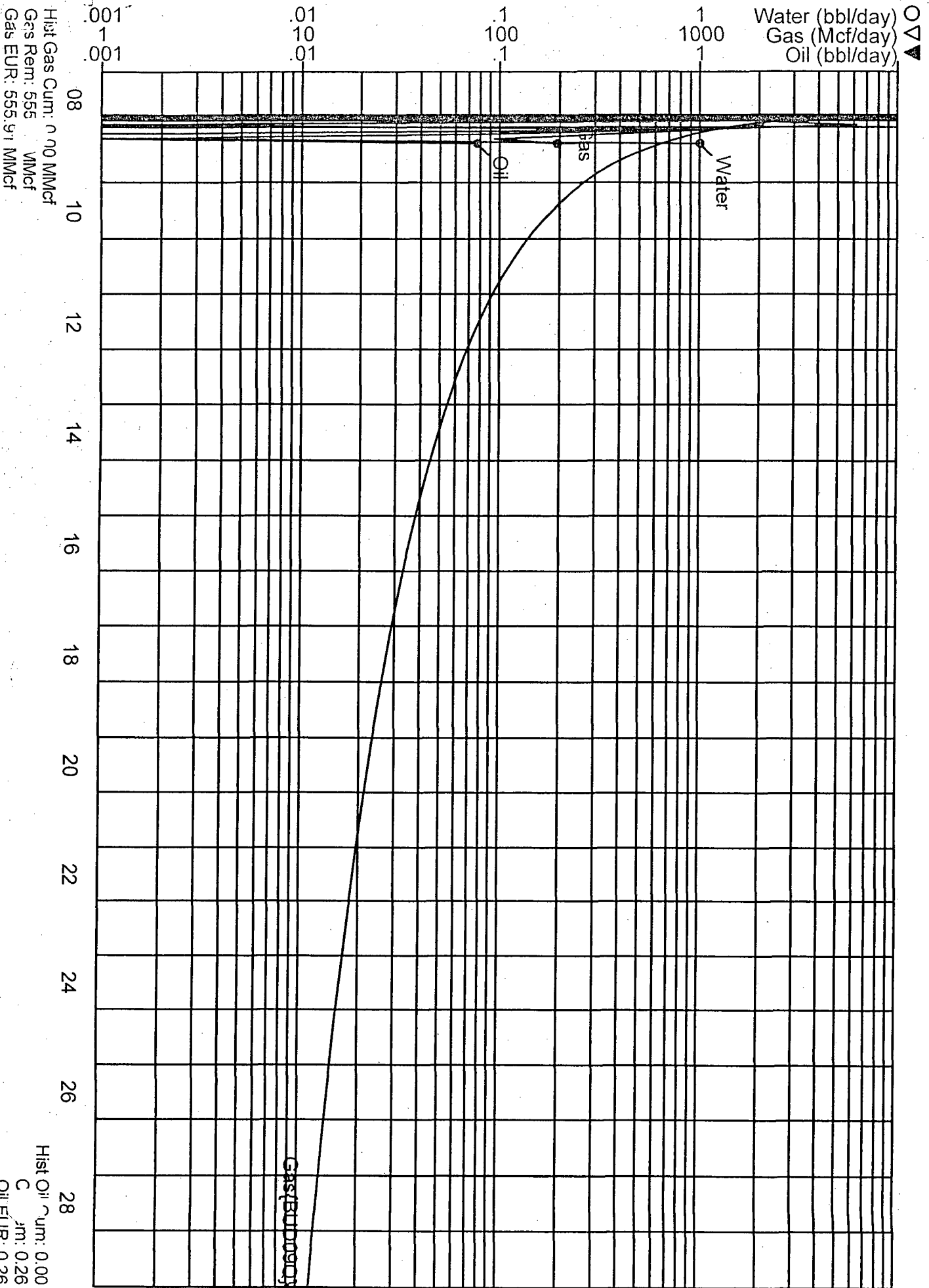
Year	Gross Wet Production		Gross Dry Gas & NGL		Sales		
	Oil (Mbbbl)	Wet Gas (MMcf)	Dry Gas (MMcf)	NGL (Mgal)	Oil (Mbbbl)	Gas (MMcf)	NGL (Mgal)
2008	0.224	110.280	110.280	0.000	0.189	93.173	0.000
2009	0.035	146.069	146.069	0.000	0.030	123.410	0.000
2010	0.000	68.343	68.343	0.000	0.000	57.741	0.000
2011	0.000	40.946	40.946	0.000	0.000	34.595	0.000
2012	0.000	29.028	29.028	0.000	0.000	24.525	0.000
2013	0.000	22.252	22.252	0.000	0.000	18.800	0.000
2014	0.000	18.002	18.002	0.000	0.000	15.210	0.000
2015	0.000	15.070	15.070	0.000	0.000	12.732	0.000
2016	0.000	12.964	12.964	0.000	0.000	10.953	0.000
2017	0.000	11.299	11.299	0.000	0.000	9.546	0.000

Rem	0.000	81.653	81.653	0.000	0.000	68.986	0.000
Total	0.259	555.907	555.907	0.000	0.219	469.673	0.000
Ult	0.259	555.907					

Year	Average Price			Net Revenue			
	Oil (\$/bbl)	Gas (\$/Mcf)	NGL (\$/gal)	Oil (M\$)	Gas (M\$)	NGL (M\$)	Total (M\$)
2008	40.30	4.68	0.00	7.63	436.04	0.00	443.67
	39.09	3.06	0.00	1.16	378.23	0.00	379.39
	0.00	4.78	0.00	0.00	276.25	0.00	276.25
2011	0.00	5.60	0.00	0.00	193.89	0.00	193.89
2012	0.00	5.83	0.00	0.00	142.96	0.00	142.96
2013	0.00	5.93	0.00	0.00	111.50	0.00	111.50
2014	0.00	6.05	0.00	0.00	92.05	0.00	92.05
2015	0.00	6.18	0.00	0.00	78.75	0.00	78.75
2016	0.00	6.33	0.00	0.00	69.29	0.00	69.29
2017	0.00	6.47	0.00	0.00	61.77	0.00	61.77
Rem	0.00	6.86	0.00	0.00	473.29	0.00	473.29
Total	40.14	4.93	0.00	8.78	2,314.02	0.00	2,322.80

Year	Expenditures				Future Net Revenue			
	Total Sev Taxes (M\$)	Total Adv Taxes (M\$)	Net Investments (M\$)	Total Net Opcosts (M\$)	Annual (M\$)	Cumulative (M\$)	Disc. Ann. CF 5.00 % (M\$)	Cum. Disc. CF 5.00 % (M\$)
2008	29.08	0.66	2,885.04	0.00	-2,471.11	-2,471.11	-2,472.85	-2,472.85
2009	33.54	0.76	0.00	43.19	301.90	-2,169.22	293.33	-2,179.53
2010	24.43	0.55	0.00	20.21	231.06	-1,938.15	213.41	-1,966.11
2011	17.14	0.39	0.00	12.11	164.25	-1,773.91	144.46	-1,821.66
2012	12.64	0.29	0.00	8.58	121.45	-1,652.46	101.70	-1,719.95
2013	9.86	0.22	0.00	6.58	94.83	-1,557.62	75.61	-1,644.34
2014	8.14	0.18	0.00	5.32	78.40	-1,479.23	59.52	-1,584.82
2015	6.96	0.16	0.00	4.46	67.17	-1,412.05	48.57	-1,536.25
2016	6.13	0.14	0.00	3.83	59.19	-1,352.86	40.75	-1,495.50
2017	5.46	0.12	0.00	3.34	52.84	-1,300.02	34.65	-1,460.85
Rem	41.85	0.95	0.00	24.15	406.35	406.35	202.28	202.28
Total	195.24	4.42	2,885.04	131.77	-893.67	-893.67	-1,258.57	-1,258.57

Major Phase:	Gas	Working Int:	1.00000000	Present Worth Profile (M\$)	
Perfs:	0 0	Revenue Int:	0.84487636		
Initial Rate:	45,623.00 Mcf/month	Disc. Initial Invest. (m\$):	2,885.044	5.00%:	-1,258.57
Abandonment:	337.20 Mcf/month	Internal ROR (%):	>1000.0	9.00%:	-1,440.34
Decline:	99.86 % year b = 0.900	ROI Investment (disc/undisc):	0.56 / 0.69	10.00%:	-1,476.41
Ratio:	0.00 bbl/Mcf	Years to Payout:	0.00	12.00%:	-1,540.24
Ratio:	0.00 bbl/Mcf	Abandonment Date:	11/05/2030	15.00%:	-1,619.53
Forecast Start:	11/01/2008			20.00%:	-1,720.88
		Initial	1st Rev.	30.00%:	-1,856.31
		Working Interest:	0.00000000	40.00%:	-1,944.27
		Revenue Interest:	0.84487636	50.00%:	-2,007.03
		Rev. Date:		60.00%:	-2,054.59



BOPCO, L.P.
201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

RECEIVED OCD

2011 FEB -9 A 11: 26

February 8, 2011

FEDERAL EXPRESS

Bureau of Land Management
620 E. Greene Street,
Carlsbad, Mexico 88201
Attn: Mr. Wesley Ingram

New Mexico State Land Office
Commissioner of Public Lands
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501
Attention: Mr. Pete Martinez

New Mexico Oil Conservation Division
1220 St. Francis
Santa Fe, New Mexico 87505
Attention: William Jones

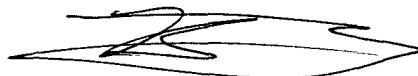
Re: Determination of Non-Commerciality
Morrow Formation
Big Eddy Unit No. 166
Eddy County, New Mexico

Gentlemen:

Please find attached hereto worksheets and pertinent information explaining that the referenced well is not a commercial producer in the Morrow Formation. Should you be in agreement that the Morrow completion is not commercial, please signify by executing one (1) copy of this letter in the space provided below and returning same to the undersigned at your earliest convenience.

Thank you very much and should you have any questions or comments in regard to the attached commercial determination, please don't hesitate to contact the undersigned.

Very truly yours,



Brad Glasscock

BG:ca

Bureau of Land Management New Mexico State Land Office New Mexico Oil Conservation Division

By: _____ By: _____ By: _____

Its: _____ Its: _____ Its: _____

Date: _____ Date: _____ Date: _____

INTER-OFFICE MEMORANDUM
MIDLAND OFFICE

June 10, 2009

TO: FORT WORTH, FILES
FOR: FRANK McCREIGHT
FROM: STEVE F. JOHNSON
RE: COMMERCIAL DETERMINATION
BIG EDDY UNIT NO. 166
SAND POINT (MORROW)
BIG EDDY UNIT
EDDY COUNTY, NEW MEXICO
FILE: 400-WF, BEU166CD.XLS

The Big Eddy Unit #166 was drilled in 2008 to a TD of 12,530' and was completed in the Morrow. The Morrow zone was perforated from 12,055-12,448' and tested.

The Big Eddy Unit No. 166 will not be a commercial well in the Morrow zone and should not receive a participating area. If additional information is required, please advise.

Steve F. Johnson

xc: Ross Sutton
George Hillis
Brad Glasscock

cdp

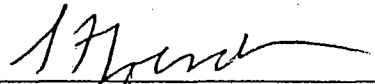
INTER-OFFICE MEMORANDUM
MIDLAND OFFICE

May 20, 2009

TO: FORT WORTH, FILES
FOR: FRANK McCREIGHT
FROM: STEVE F. JOHNSON
RE: COMMERCIAL DETERMINATION
BIG EDDY UNIT NO. 166
SAND POINT (MORROW)
BIG EDDY UNIT
EDDY COUNTY, NEW MEXICO
FILE: 400-WF, BEU166CD.XLS

The Big Eddy Unit #166 was drilled in 2008 to a TD of 12,530' and was completed in the Morrow. The Morrow zone was perforated from 12,055-12,448' and tested.

The Big Eddy Unit No. 166 will not be a commercial well in the Morrow zone and should not receive a participating area. If additional information is required, please advise.



Steve F. Johnson

xc: Ross Sutton
George Hillis
Brad Glasscock

cdp
cdp

ECONOMIC PROJECTION

Date: 5/20/2009

Lior: 1189084

1:14:06PM

Project Name: Exp of RESERVEPROP
er: 99999As Of Date: 01/01/2009
Discount Rate (%): 5.00Lease Name: 1189084/BIG EDDY UNIT/166/MOR
Reserv Cat.: Proved Producing

Type: LEASE CASE

Field: SANDPOINT (MORROW)

Archive Set: BUD09Q2

Custom Selection

Operator: BOPCO

Cum Oil (Mbbbl): 0.00

Reservoir: MORROW

Cum Gas (MMcf): 0.00

Co., State: EDDY, NM

Risk: 0.000 Inherited/ 0.000 Compounded
Sales

Year	Gross Wet Production		Gross Dry Gas & NGL				
	Oil (Mbbbl)	Wet Gas (MMcf)	Dry Gas (MMcf)	NGL (Mgal)	Oil (Mbbbl)	Gas (MMcf)	NGL (Mgal)
2009	0.000	147.786	147.786	0.000	0.000	122.644	0.000
2010	0.000	190.998	190.998	0.000	0.000	158.504	0.000
2011	0.000	131.943	131.943	0.000	0.000	109.496	0.000
2012	0.000	97.780	97.780	0.000	0.000	81.146	0.000
2013	0.000	75.515	75.515	0.000	0.000	62.668	0.000
2014	0.000	60.531	60.531	0.000	0.000	50.234	0.000
2015	0.000	49.800	49.800	0.000	0.000	41.328	0.000
2016	0.000	41.926	41.926	0.000	0.000	34.793	0.000
2017	0.000	35.693	35.693	0.000	0.000	29.621	0.000
2018	0.000	30.898	30.898	0.000	0.000	25.641	0.000

Rem	0.000	237.130	237.130	0.000	0.000	196.788	0.000
Total	0.000	1,100.000	1,100.000	0.000	0.000	912.864	0.000
Ult.	0.000	1,100.000					

Year	Average Price			Net Revenue			
	Oil (\$/bbl)	Gas (\$/Mcf)	NGL (\$/gal)	Oil (M\$)	Gas (M\$)	NGL (M\$)	Total (M\$)
2009	0.00	3.24	0.00	0.00	397.48	0.00	397.48
	0.00	4.83	0.00	0.00	765.04	0.00	765.04
	0.00	5.57	0.00	0.00	609.82	0.00	609.82
2012	0.00	5.78	0.00	0.00	468.80	0.00	468.80
2013	0.00	5.83	0.00	0.00	365.54	0.00	365.54
2014	0.00	5.89	0.00	0.00	295.81	0.00	295.81
2015	0.00	5.95	0.00	0.00	246.07	0.00	246.07
2016	0.00	6.03	0.00	0.00	209.96	0.00	209.96
2017	0.00	6.13	0.00	0.00	181.47	0.00	181.47
2018	0.00	6.21	0.00	0.00	159.17	0.00	159.17
Rem	0.00	6.38	0.00	0.00	1,255.10	0.00	1,255.10
Total	0.00	5.43	0.00	0.00	4,954.24	0.00	4,954.24

Year	Expenditures				Future Net Revenue			
	Total Sev Taxes (M\$)	Total Adv Taxes (M\$)	Net Investments (M\$)	Total Net Opcosts (M\$)	Annual (M\$)	Cumulative (M\$)	Disc. Ann. CF 5.00 % (M\$)	Cum. Disc. CF 5.00 % (M\$)
2009	32.55	0.79	3,976.93	42.10	-3,654.89	-3,654.89	-3,666.33	-3,666.33
2010	62.66	1.53	0.00	57.97	642.88	-3,012.01	598.16	-3,068.17
2011	49.94	1.22	0.00	43.75	514.90	-2,497.11	456.44	-2,611.73
2012	38.39	0.94	0.00	35.53	393.93	-2,103.18	332.57	-2,279.16
2013	29.94	0.73	0.00	30.17	304.70	-1,798.48	244.96	-2,034.20
2014	24.23	0.59	0.00	26.57	244.43	-1,554.05	187.13	-1,847.07
2015	20.15	0.49	0.00	23.99	201.44	-1,352.62	146.86	-1,700.21
2016	17.20	0.42	0.00	22.09	170.25	-1,182.37	118.20	-1,582.01
2017	14.86	0.36	0.00	20.59	145.65	-1,036.72	96.30	-1,485.71
2018	13.04	0.32	0.00	19.44	126.38	-910.33	79.58	-1,406.14
Rem	102.79	2.51	0.00	262.10	887.70	887.70	414.67	414.67
Total	405.75	9.91	3,976.93	584.30	-22.64	-22.64	-991.46	-991.46

Major Phase : Gas
Perfs : 0 0
Initial Rate : 25,854.17 Mcf/month
Abandonment : 575.22 Mcf/month
Decline : 42.38 % year b = 0.600
Ratio : 0.00 bbl/Mcf
Ratio : 0.00 bbl/Mcf
Forecast Start : 06/01/2009

Working Int : 1.00000000
Revenue Int : 0.82987636
Disc. Initial Invest. (m\$) : 3,976.925
Internal ROR (%) : >1000.0
ROI Investment (disc/undisc) : 0.75 / 0.99
Years to Payout : 0.00
Abandonment Date : 02/01/2036

Present Worth Profile (M\$)
5.00% : -991.46
9.00% : -1,471.52
10.00% : -1,566.99
12.00% : -1,736.32
15.00% : -1,947.47
20.00% : -2,218.85
30.00% : -2,583.18
40.00% : -2,818.69
50.00% : -2,984.45
60.00% : -3,107.80

Initial 1st Rev. 2nd Rev.
Working Interest : 1.00000000 0.00000000 0.00000000
Revenue Interest : 0.82987636 0.00000000 0.00000000
Rev. Date :

Form 3160-4
(April 2004)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 20075. Lease Serial No.
NMLC063516

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.

8. Lease Name and Well No.

BIG EDDY UNIT 166

9. API Well No.

30-015-36019

10. Field and Pool, or Exploratory

SAND POINT (MORROW)

11. Sec., T., R., M., on Block and

Survey or Area SEC. 11, T21S, R2

12. County or Parish

EDDY

13. State

NM

17. Elevations (DF, RKB, RT, GL)*

3327' GL

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Otherb. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,

Other _____

2. Name of Operator

BOPCO, L.P.

3. Address

P.O. Box 2760 Midland TX 79702

3.a Phone No. (Include area code)

(432)683-2277

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At Surface UL L, 2380' FSL, 660' FWL, LAT. N 32.493742, LONG W 104.064028

At top prod. interval reported below SAME

At total depth SAME

14. Date Spudded

03/31/2008

15. Date T.D. Reached

05/03/2008

16. Date Completed

☐ D & A

N/A

☒ Ready to Prod.18. Total Depth: MD 12530'
TVD19. Plug Back T.D.: MD 12492'
TVD20. Depth Bridge Plug Set: MD 12245'
TVD21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)
LDT-CNL-GR; HLA-CFL-GR22. Was well cored? ☒ No ☐ Yes (Submit analysis)Was DST run? ☒ No ☐ Yes (Submit analysis)Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8"	54.5#	0'	760'		665 SXS		0' CIRC	
12-1/4"	9-5/8"	40#	0'	2650'		835 SXS		0' CIRC	
8-3/4"	5-1/2"	17#	0'	12519'	7513'	1100 STG 1		7513' CIRC	
						1330 STG 2		360' TS	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Morrow	11756'	12519'	12055'-12213'	0.380	101	Shut In
B)			12316'-12448'	0.380	80	Beneath CIBP
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
12055'-12213'	Frac perms w/ 105,622 gals 40# Binary N2/CO2 70 Q Foam & 100,000 lbs 20/40 SinterLite.
12055'-12213'	Acidize w/ 2,000 gals 7-1/2% HCl acid spearhead.
12280'	Set CIBP. Beneath CIBP @ 12280' w/ 35' cmt.
12316'-12448'	No stimulations below CIBP.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choice Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choice Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones or porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				T/RUSTLER	500'
				T/SALADO	800'
				T/REEF	1460'
				T/DELAWARE MTN GROUP	2565'
				T/BELL CANYON	2800'
				T/BONE SPRING	6271'
				T/WOLFCAMP	9798'
				T/STRAWN	10929'
				T/ATOKA	11166'
				T/MORROW	11756'
				T/BARNETT	12520'

32. Additional remarks (include plugging procedure):

Well shut in - awaiting recompletion to Atoka.

33. Indicate which items have been attached by placing a check in the appropriate boxes:

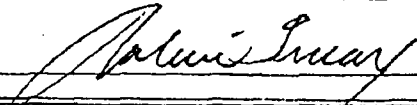
- ☒ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geological Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
☒ Other
 Inclination Report

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Valerie Truax

Title Regulatory Administrative Assistant

Signature



Date 03/19/2009

Title 18 U.S.C. Section 101 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 and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DISTRICT I

1825 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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-36019		Pool Code 84820	Pool Name SAND POINT (MORROW)
Property Code 305860	Property Name BIG EDDY UNIT		Well Number 166
OGRID No. 260737	Operator Name BOPCO, L.P.		Elevation 3327'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	11	21 S	28 E		2380	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

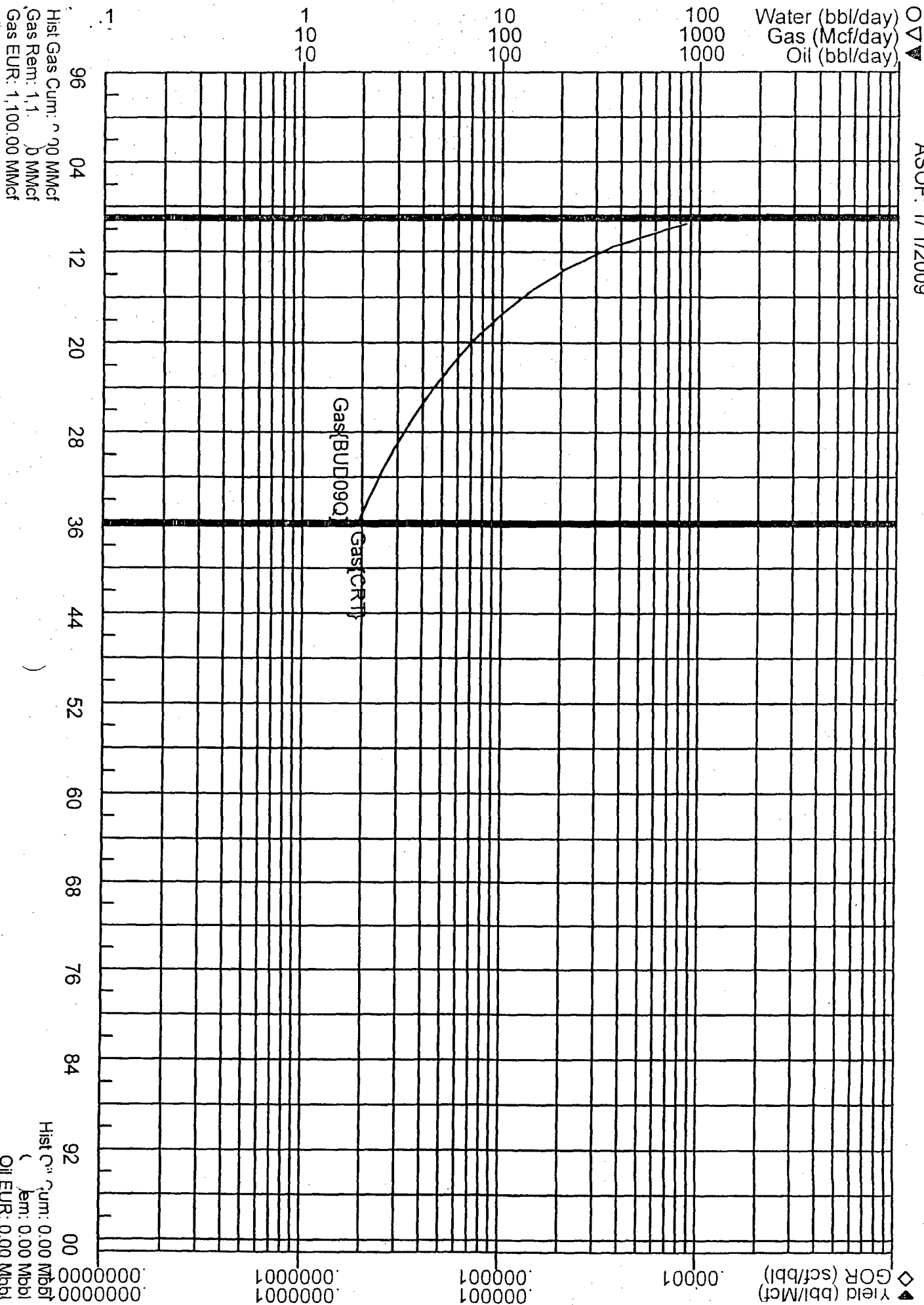
Dedicated Acres 320	Joint or Infill N	Consolidation Code	Order No.
------------------------	----------------------	--------------------	-----------

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

	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. <i>C. K. (Buddy) Jenkins</i> Signature Date 8/19/07 C. K. (Buddy) 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. JUNE 20 2007 Date Surveyed Signature of Surveyor Professional Surveyor Certificate No. Gary L. Jones 7977 BASIN SURVEYS

Major Phase: Gas

ASOF: 1/1/2009



Well is St. Atoka pay to be added. Not currently in the DB

Field: SANDPOINT (MORROW)
No Initial Fluid Data Found

BOPCO, L.P.
201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

RECEIVED OOD

2011 FEB -9 A 11: 27

February 8, 2011

FEDERAL EXPRESS

Bureau of Land Management
620 E. Greene Street,
Carlsbad, Mexico 88201
Attn: Mr. Wesley Ingram

New Mexico State Land Office
Commissioner of Public Lands
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501
Attention: Mr. Pete Martinez

New Mexico Oil Conservation Division
1220 St. Francis
Santa Fe, New Mexico 87505
Attention: William Jones

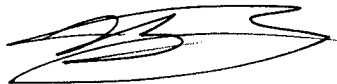
Re: Determination of Non-Commerciality
Morrow Formation
Big Eddy Unit No. 153
Eddy County, New Mexico

Gentlemen:

Please find attached hereto worksheets and pertinent information explaining that the referenced well is not a commercial producer in the Morrow Formation. Should you be in agreement that the Morrow completion is not commercial, please signify by executing one (1) copy of this letter in the space provided below and returning same to the undersigned at your earliest convenience.

Thank you very much and should you have any questions or comments in regard to the attached commercial determination, please don't hesitate to contact the undersigned.

Very truly yours,



Brad Glasscock

BG:ca

Bureau of Land Management New Mexico State Land Office New Mexico Oil Conservation Division

By: _____ By: _____ By: _____

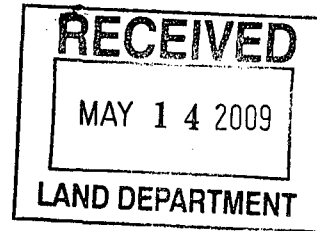
Its: _____ Its: _____ Its: _____

Date: _____ Date: _____ Date: _____

INTER-OFFICE MEMORANDUM
MIDLAND OFFICE

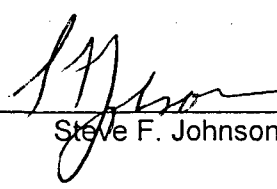
May 7, 2009

TO: FORT WORTH, FILES
FOR: FRANK McCREIGHT
FROM: STEVE F. JOHNSON
RE: COMMERCIAL DETERMINATION
BIG EDDY UNIT NO. 153
QUAHADA RIDGE (MORROW)
BIG EDDY UNIT
EDDY COUNTY, NEW MEXICO
FILE: 400-WF, BEU153CD.XLS



The Big Eddy Unit #153 was drilled in 2005 to a TD of 13,060' and was completed in the Morrow. The Morrow zone was perforated from 12,538-12,638' and produced 18,600 MCF before the well was recompleted to the Atoka in December, 2006.

The Big Eddy Unit No. 153 will not be a commercial well in the Morrow zone and should not receive a participating area. If additional information is required, please advise.



Steve F. Johnson

xc: Wayne Bailey
George Hillis

cdp

BOPCO, L.P.
201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

RECEIVED OOD

2011 FEB -9 A 11: 28

February 8, 2011

FEDERAL EXPRESS

Bureau of Land Management
620 E. Greene Street,
Carlsbad, Mexico 88201
Attn: Mr. Wesley Ingram

New Mexico State Land Office
Commissioner of Public Lands
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501
Attention: Mr. Pete Martinez

New Mexico Oil Conservation Division
1220 St. Francis
Santa Fe, New Mexico 87505
Attention: William Jones

Re: Determination of Non-Commerciality
Morrow Formation
Big Eddy Unit No. 167
Eddy County, New Mexico

Gentlemen:

Please find attached hereto worksheets and pertinent information explaining that the referenced well is not a commercial producer in the Morrow Formation. Should you be in agreement that the Morrow completion is not commercial, please signify by executing one (1) copy of this letter in the space provided below and returning same to the undersigned at your earliest convenience.

Thank you very much and should you have any questions or comments in regard to the attached commercial determination, please don't hesitate to contract the undersigned.

Very truly yours,



Brad Glasscock

BG:ca

Bureau of Land Management

New Mexico State Land Office

New Mexico Oil Conservation Division

By: _____

By: _____

By: _____

Its: _____

Its: _____

Its: _____

Date: _____

Date: _____

Date: _____

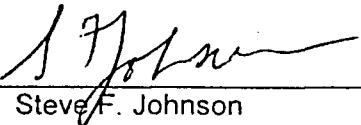
INTER-OFFICE MEMORANDUM
MIDLAND OFFICE

May 21, 2009

TO: FORT WORTH, FILES
FOR: FRANK McCREIGHT
FROM: STEVE F. JOHNSON
RE: COMMERCIAL DETERMINATION
BIG EDDY UNIT NO. 167
INDIAN FLATS SOUTHWEST (MORROW)
BIG EDDY UNIT
EDDY COUNTY, NEW MEXICO
FILE: 400-WF, BEU167CD.XLS

The Big Eddy Unit #167 was drilled in 2008 to a TD of 12,600' and was completed in the Morrow. The Morrow zone was perforated from 12,000-12,278' and tested.

The Big Eddy Unit No. 167 will not be a commercial well in the Morrow zone and should not receive a participating area. If additional information is required, please advise.



Steve F. Johnson

xc: Ross Sutton
George Hillis
Brad Glasscock

cdp
cdp

ECONOMIC PROJECTION

Date: 5/21/2009

Lior: 1189076

10:59:31AM

Project Name: Exp of RESERVEPROP

As Of Date: 01/01/2009

Lease Name: 1189076/BIG EDDY UNIT/167/MOR

Lior: 99999

Discount Rate (%): 5.00

Reserv Cat.: Proved Producing

Case Type: LEASE CASE

Field: INDIAN FLATS MORROW SOUTHWES

Archive Set: BUD09Q2

1189076/BIG EDDY UNIT/167/MOR

Operator: BOPCO

Cum Oil (Mbbbl):

0.00

Reservoir: MORROW

Cum Gas (MMcf):

26.64

Co., State: EDDY, NM

Risk: 0.000 Inherited/ 0.000 Compounded
Sales

Year	Gross Wet Production		Gross Dry Gas & NGL		Sales		
	Oil (Mbbbl)	Wet Gas (MMcf)	Dry Gas (MMcf)	NGL (Mgal)	Oil (Mbbbl)	Gas (MMcf)	NGL (Mgal)
2009	0.044	45.325	45.325	0.000	0.037	37.841	0.000
2010	0.000	36.384	36.384	0.000	0.000	30.376	0.000
2011	0.000	29.972	29.972	0.000	0.000	25.023	0.000
2012	0.000	25.181	25.181	0.000	0.000	21.023	0.000
2013	0.000	21.345	21.345	0.000	0.000	17.820	0.000
2014	0.000	18.370	18.370	0.000	0.000	15.337	0.000
2015	0.000	15.731	15.731	0.000	0.000	13.134	0.000

Rem	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total	0.044	192.308	192.308	0.000	0.037	160.553	0.000
Ult.	0.044	218.948					

Year	Average Price			Net Revenue			
	Oil (\$/bbl)	Gas (\$/Mcf)	NGL (\$/gal)	Oil (M\$)	Gas (M\$)	NGL (M\$)	Total (M\$)
2009	38.76	3.09	0.00	1.42	117.10	0.00	118.52
2010	0.00	4.93	0.00	0.00	149.82	0.00	149.82
2011	0.00	5.68	0.00	0.00	142.02	0.00	142.02
2012	0.00	5.88	0.00	0.00	123.71	0.00	123.71
2013	0.00	5.94	0.00	0.00	105.88	0.00	105.88
2014	0.00	6.00	0.00	0.00	92.00	0.00	92.00
2015	0.00	6.06	0.00	0.00	79.58	0.00	79.58

Rem	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	38.76	5.05	0.00	1.42	810.10	0.00	811.52

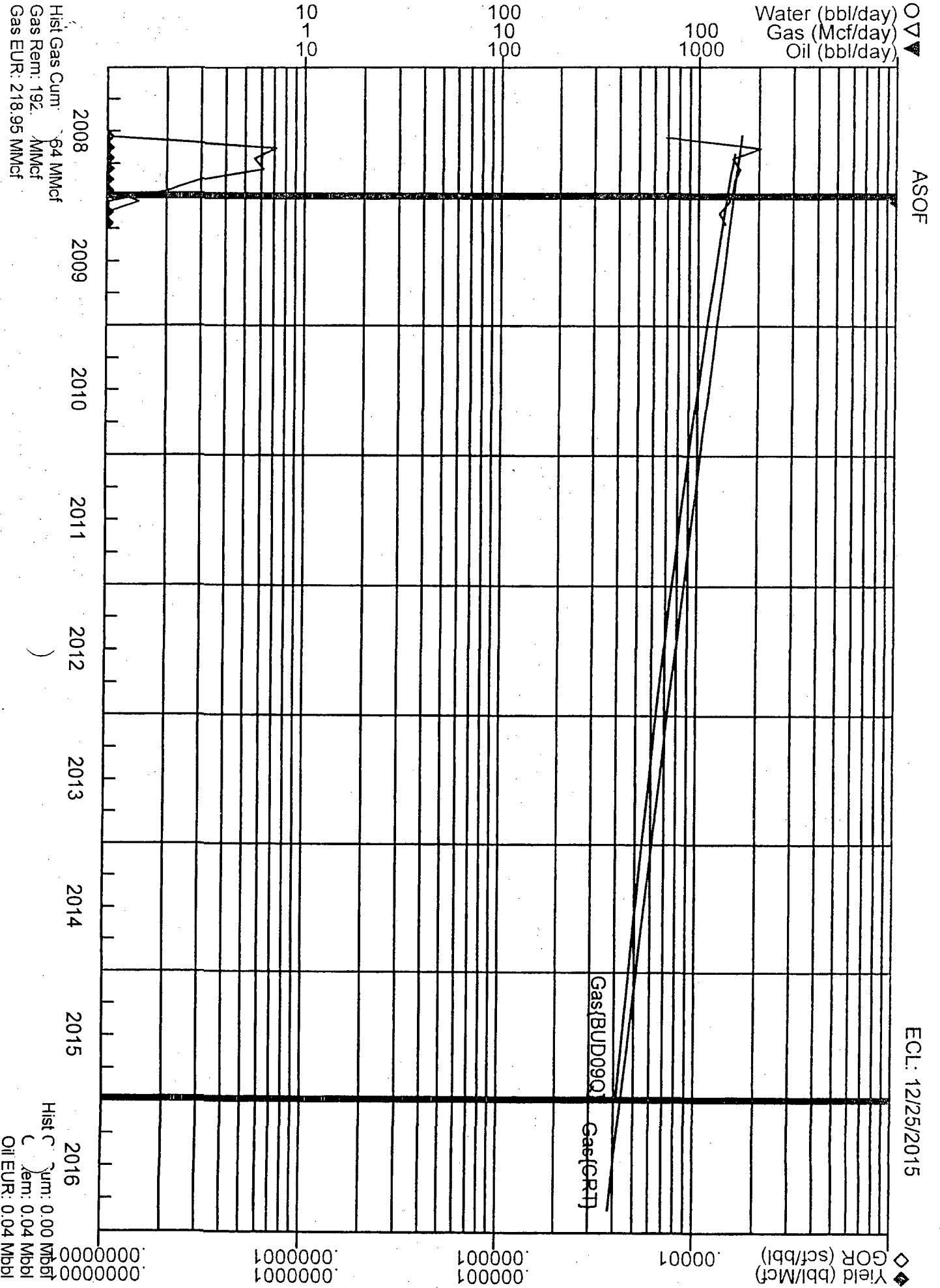
Year	Expenditures				Future Net Revenue			
	Total Sev Taxes (M\$)	Total Adv Taxes (M\$)	Net Investments (M\$)	Total Net Opcosts (M\$)	Annual (M\$)	Cumulative (M\$)	Disc. Ann. CF 5.00 % (M\$)	Cum. Disc. CF 5.00 % (M\$)
2009	9.69	0.24	3,729.52	45.07	-3,665.99	-3,665.99	-3,667.53	-3,667.53
2010	12.27	0.30	0.00	41.86	95.38	-3,570.61	88.67	-3,578.87
2011	11.63	0.28	0.00	39.56	90.54	-3,480.07	80.22	-3,498.64
2012	10.13	0.25	0.00	37.84	75.49	-3,404.58	63.72	-3,434.92
2013	8.67	0.21	0.00	36.46	60.53	-3,344.04	48.66	-3,386.26
2014	7.54	0.18	0.00	35.39	48.89	-3,295.15	37.43	-3,348.82
2015	6.52	0.16	0.00	33.90	39.00	-3,256.16	28.45	-3,320.37

Rem	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	66.45	1.62	3,729.52	270.09	-3,256.16	-3,256.16	-3,320.37	-3,320.37

Major Phase:	Gas	Working Int:	1.00000000	Present Worth Profile (M\$)	
Perfs:	0	Revenue Int:	0.83487636	5.00%:	-3,320.37
Initial Rate:	4,321.00 Mcf/month	Disc. Initial Invest. (m\$):	3,729.515	9.00%:	-3,361.69
Abandonment:	1,248.20 Mcf/month	Internal ROR (%):	>1000.0	10.00%:	-3,370.89
Decline:	21.32 % year b = 0.500	ROI Investment (disc/undisc):	0.11 / 0.13	12.00%:	-3,388.11
Ratio:	0.01 bbl/Mcf	Years to Payout:	0.00	15.00%:	-3,411.32
End Ratio:	0.00 bbl/Mcf	Abandonment Date:	12/25/2015	20.00%:	-3,444.15
Forecast Start:	08/01/2008			30.00%:	-3,493.75
		Initial	1st Rev.	40.00%:	-3,528.96
		Working Interest:	0.00000000	50.00%:	-3,554.96
		Revenue Interest:	0.83487636	60.00%:	-3,574.78
		Rev. Date:			

11890/6RIG EDDY UNIT/167/MOR
Major Phase: Gas

Field: INDIAN FLATS MORROW SOUTHWEST GAS
No Initial Fluid Data Found



Form 3160-1
(April 2004)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTOPERATOR'S COPY
FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
 b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Reserv.
 Other _____

2. Name of Operator
BEP CO, L.P.3. Address
P.O. BOX 2760 MIDLAND TX 79702-27603a. Phone No. (Include area code)
(432)683-2277

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At Surface Utl. 1, 1030' FSL, 1980' FEL, LAT. N 32.475861 E 100.30028

At top prod. interval reported below SAME

At total depth SAME

14. Date Spudded
06/29/200715. Date T.D. Reached
08/03/200716. Date Completed
☐ D & A ☒ Ready to Prod.
07/17/20085. Lease Serial No.
NMLC 069219

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.
NMMN 68294X

8. Lease Name and Well No.

BIG EDDY UNIT 167

9. API Well No.
30-015-35571

10. Field and Pool, or Exploratory

INDIAN FLATS (MORROW)

11. Sec., T., R., M., on Block and Survey or Area
SEC 14, T21S, R12. County or Parish
EDDY13. State
NM17. Elevations (DIF, RKB, RT, GL)*
3297' GL18. Total Depth: MD 12600'
TVD19. Plug Back T.D.: MD 12512'
TVD20. Depth Bridge Plug Set: MD
TVD21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)
LDT-CNL-GR; HLA-MICRO-CFL-HNGS22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8"	48/68#	0'	499'		430 SXS		0'	
12-1/4"	9-5/8"	40#	0'	2768'		875 SXS		0' CIRC.	
8-3/4"	5-1/2"	17#	0'	12598'	6480'	1370 SXS 1		7050' CALC	
						STG.			
						910 SXS 2		2280' TS	
						STG			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	11983'	11965'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MORROW	11756'	12550'	12000-24'	0.380	18	PRODUCING
B)			12106-36'	0.380	24	PRODUCING
C)			12210-78'	0.380	20	PRODUCING
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
12000-12278'	FRAC'D W/105540 40# LINEAR GEL W/70Q CO2 BINARY FOAM/12604 LBS
	18/40 ULTRAPROP

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
07/17/08	08/01/08	24	→	0	316	0			RECEIVED
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
11/64"	1650	50	→					Producing	ACCEPTED FOR RECORD
Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

AUG 23 2008

JERRY FANT
PETROLEUM GEOLOGIST

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones or porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				T/RUSTLER	150'
				T/SALADO	540'
				T/DELAWARE MTN. GROUP	2730'
				T/BONE SPRING	6338'
				T/WOLFCAMP	9790'
				T/STRAWN	10810'
				T/ATOKA	11164'
				T/MORROW	11756'
				T/BARNETT	12550'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geological Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
☒ Other Inclination Report

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Ann MooreTitle PRODUCTION CLERKSignature Ann MooreDate 08/12/2008

Title 18 U.S.C. Section 101 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 and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DISTRICT I

1625 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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

Form C-102

Revised October 12, 2006

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-35571	Pool Code 79080	Pool Name INDIAN FLATS (MORROW)
Property Code 001776	Property Name BIG EDDY UNIT	Well Number 167
OGED No. 001801	Operator Name BEPCO, L.P.	Elevation 3297'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	14	21 S	28 E		1030	SOUTH	1980	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.						

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 released 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. Signature _____ Date 3/2/07 Stephen M. Martinez 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. OCTOBER 31, 2006 Date Surveyed _____ Signature of Surveyor _____ Professional Surveyor Certificate No. Gary L. Jones 7977 BASS SURVEYS

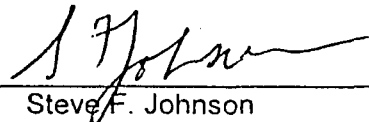
INTER-OFFICE MEMORANDUM
MIDLAND OFFICE

May 21, 2009

TO: FORT WORTH, FILES
FOR: FRANK McCREIGHT
FROM: STEVE F. JOHNSON
RE: COMMERCIAL DETERMINATION
BIG EDDY UNIT NO. 167
INDIAN FLATS SOUTHWEST (MORROW)
BIG EDDY UNIT
EDDY COUNTY, NEW MEXICO
FILE: 400-WF, BEU167CD.XLS

The Big Eddy Unit #167 was drilled in 2008 to a TD of 12,600' and was completed in the Morrow. The Morrow zone was perforated from 12,000-12,278' and tested.

The Big Eddy Unit No. 167 will not be a commercial well in the Morrow zone and should not receive a participating area. If additional information is required, please advise.



Steve F. Johnson

xc: Ross Sutton
George Hillis
Brad Glasscock

cdp
cdp

ECONOMIC PROJECTION

Date: 5/21/2009

Lior: 1189076

10:59:31AM

Project Name: Exp of RESERVEPROP

As Of Date: 01/01/2009

Lease Name: 1189076/BIG EDDY UNIT/167/MOR

Lior: 99999

Discount Rate (%): 5.00

Reserv Cat: Proved Producing

Case Type: LEASE CASE

Field: INDIAN FLATS MORROW SOUTHWES

Archive Set: BUD09Q2

1189076/BIG EDDY UNIT/167/MOR

Operator: BOPCO

Cum Oil (Mbbbl): 0.00

Reservoir: MORROW

Cum Gas (MMcf): 26.64

Co., State: EDDY, NM

Risk: 0.000 Inherited/ 0.000 Compounded

Year	Gross Wet Production		Gross Dry Gas & NGL		Sales		
	Oil (Mbbbl)	Wet Gas (MMcf)	Dry Gas (MMcf)	NGL (Mgal)	Oil (Mbbbl)	Gas (MMcf)	NGL (Mgal)
2009	0.044	45.325	45.325	0.000	0.037	37.841	0.000
2010	0.000	36.384	36.384	0.000	0.000	30.376	0.000
2011	0.000	29.972	29.972	0.000	0.000	25.023	0.000
2012	0.000	25.181	25.181	0.000	0.000	21.023	0.000
2013	0.000	21.345	21.345	0.000	0.000	17.820	0.000
2014	0.000	18.370	18.370	0.000	0.000	15.337	0.000
2015	0.000	15.731	15.731	0.000	0.000	13.134	0.000

Rem	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total	0.044	192.308	192.308	0.000	0.037	160.553	0.000
Ult.	0.044	218.948					

Year	Average Price			Net Revenue			
	Oil (\$/bbl)	Gas (\$/Mcf)	NGL (\$/gal)	Oil (M\$)	Gas (M\$)	NGL (M\$)	Total (M\$)
2009	38.76	3.09	0.00	1.42	117.10	0.00	118.52
2010	0.00	4.93	0.00	0.00	149.82	0.00	149.82
2011	0.00	5.68	0.00	0.00	142.02	0.00	142.02
2012	0.00	5.88	0.00	0.00	123.71	0.00	123.71
2013	0.00	5.94	0.00	0.00	105.88	0.00	105.88
2014	0.00	6.00	0.00	0.00	92.00	0.00	92.00
2015	0.00	6.06	0.00	0.00	79.58	0.00	79.58

Rem	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	38.76	5.05	0.00	1.42	810.10	0.00	811.52

Year	Expenditures				Future Net Revenue			
	Total Sev Taxes (M\$)	Total Adv Taxes (M\$)	Net Investments (M\$)	Total Net Opcosts (M\$)	Annual (M\$)	Cumulative (M\$)	Disc. Ann. CF 5.00 % (M\$)	Cum. Disc. CF 5.00 % (M\$)
2009	9.69	0.24	3,729.52	45.07	-3,665.99	-3,665.99	-3,667.53	-3,667.53
2010	12.27	0.30	0.00	41.86	95.38	-3,570.61	88.67	-3,578.87
2011	11.63	0.28	0.00	39.56	90.54	-3,480.07	80.22	-3,498.64
2012	10.13	0.25	0.00	37.84	75.49	-3,404.58	63.72	-3,434.92
2013	8.67	0.21	0.00	36.46	60.53	-3,344.04	48.66	-3,386.26
2014	7.54	0.18	0.00	35.39	48.89	-3,295.15	37.43	-3,348.82
2015	6.52	0.16	0.00	33.90	39.00	-3,256.16	28.45	-3,320.37

Rem	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	66.45	1.62	3,729.52	270.09	-3,256.16	-3,256.16	-3,320.37	-3,320.37

Major Phase: Gas
 Perfs: 0 0
 Initial Rate: 4,321.00 Mcf/month
 Abandonment: 1,248.20 Mcf/month
 Decline: 21.32 % year b = 0.500
 Ratio: 0.01 bbl/Mcf
 End Ratio: 0.00 bbl/Mcf
 Forecast Start: 08/01/2008

Working Int: 1.00000000
 Revenue Int: 0.83487636
 Disc. Initial Invest. (m\$): 3,729.515
 Internal ROR (%): >1000.0
 ROI Investment (disc/undisc): 0.11 / 0.13
 Years to Payout: 0.00
 Abandonment Date: 12/25/2015

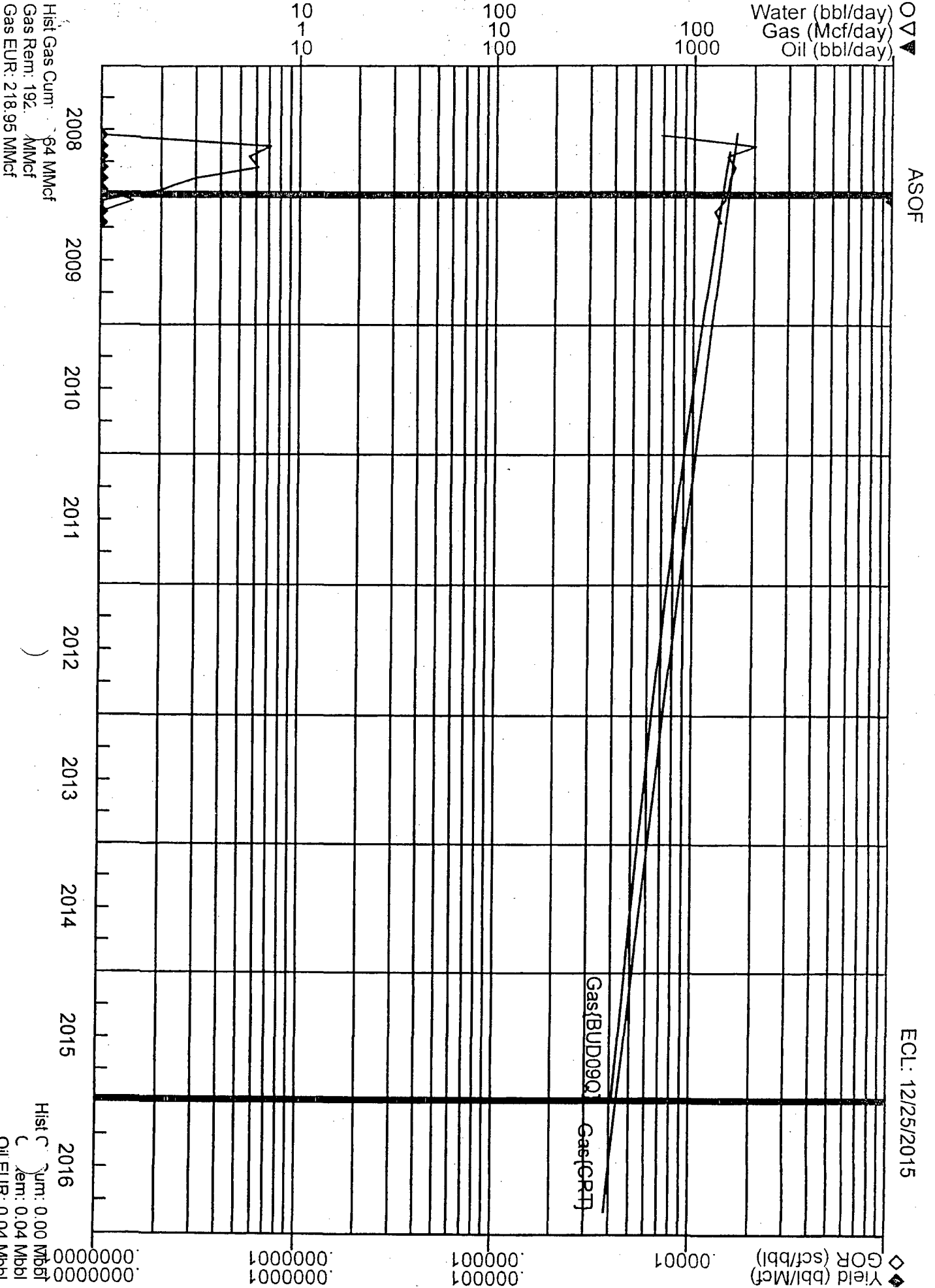
Present Worth Profile (M\$)

5.00%:	-3,320.37
9.00%:	-3,361.69
10.00%:	-3,370.89
12.00%:	-3,388.11
15.00%:	-3,411.32
20.00%:	-3,444.15
30.00%:	-3,493.75
40.00%:	-3,528.96
50.00%:	-3,554.96
60.00%:	-3,574.78

Initial	1st Rev.	2nd Rev.
Working Interest: 1.00000000	0.00000000	0.00000000
Revenue Interest: 0.83487636	0.00000000	0.00000000
Rev. Date:		

11890/6/BIG EDDY UNIT/167/MOR
Major Phase: Gas

Field: INDIAN FLATS MORROW SOUTHWEST GAS
No Initial Fluid Data Found



Form 3160-4
(April 2004)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTOPERATOR'S COPY FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv.,
Other _____

2. Name of Operator
BEPCO, L.P.

3. Address P.O. BOX 2760 MIDLAND TX 79702-2760 3a. Phone No. (Include area code) (432)683-2277

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At Surface U.L. 1, 1030' FSL, 1980' FEL, LAT. N 32.475861 E 100.000000
At top prod. interval reported below SAME
At total depth SAME

5. Lease Serial No.
NMLC 069219

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.
NMNM 68294X

8. Lease Name and Well No.
BIG EDDY UNIT 167

9. API Well No.
30-015-35571

10. Field and Pool, or Exploratory
INDIAN FLATS (MORROW)

11. Sec., T., R., M., on Block and Survey or Arca SEC 14, T21S, R. 10E

12. County or Parish
EDDY

13. State
NM

CONFIDENTIAL

14. Date Spudded 06/29/2007 15. Date T.D. Reached 08/03/2007 16. Date Completed 07/17/2008
☐ D & A ☒ Ready to Prod.

17. Elevations (DIF, RKB, RT, GL)*
3297' GL

18. Total Depth: MD 12600' TVD 19. Plug Back T.D.: MD 12512' TVD 20. Depth Bridge Plug Set: MD TVD

21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)
LDT-CNL-GR; HLA-MICRO-CFL-HNGS

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8"	48/68#	0'	499'		430 SXS		0'	
12-1/4"	9-5/8"	40#	0'	2768'		875 SXS		0' CIRC.	
8-3/4"	5-1/2"	17#	0'	12598'	6480'	1370 SXS 1		7050' CALC	
						STG.			
						910 SXS 2		2280' TS	
						STG			

24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2-3/8"	11983'	11965'							

25. Producing Intervals				26. Perforation Record			
Formation	Top	Bottom		Perforated Interval	Size	No. Holes	Perf. Status
A) MORROW	11756'	12550'		12000-24'	0.380	18	PRODUCING
B)				12106-36'	0.380	24	PRODUCING
C)				12210-78'	0.380	20	PRODUCING
D)							

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.		Amount and Type of Material	
Depth Interval			
12000-12278'		FRAC'D W/105540 40# LINEAR GEL W/70Q CO2 BINARY FOAM/18/40 ULTRAPROP	18/40 ULTRAPROP

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
07/17/08	08/01/08	24	→	0	316	0			RECEIVED

Choke Size 11/64" Tbg. Press. SI 1650 Csg. Press. SI 1650 24 Hr. Rate → Oil BBL Gas MCF Water BBL Gas : Oil Ratio Well Status Producing

Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size Tbg. Press. SI Csg. Press. SI 24 Hr. Rate → Oil BBL Gas MCF Water BBL Gas : Oil Ratio Well Status

ACCEPTED FOR RECORD
AUG 23 2008
JERRY FANT
PETROLEUM GEOLOGIST

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones or porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				T/RUSTLER	150'
				T/SALADO	540'
				T/DELAWARE MTN. GROUP	2730'
				T/BONE SPRING	6338'
				T/WOLFCAMP	9790'
				T/STRAWN	10810'
				T/ATOKA	11164'
				T/MORROW	11756'
				T/BARNETT	12550'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geological Report
 ☐ DST Report
 ☐ Directional Survey
 ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other Inclination Report

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Ann MooreTitle PRODUCTION CLERKSignature Ann MooreDate 08/12/2008

Title 18 U.S.C. Section 101 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 and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DISTRICT I

1625 N. French Dr., Hobbs, NM 88240

DISTRICT II

1501 W. Grand Avenue, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Artesia, NM 87410

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 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-35571	Pool Code 79080	Pool Name INDIAN FLATS (MORROW)
Property Code 001776	Property Name BIG EDDY UNIT	Well Number 167
OGED No. 001801	Operator Name BEPCO, L.P.	Elevation 3297'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	14	21 S	28 E		1030	SOUTH	1980	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.
------------------------	----------------------	--------------------	-----------

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

160.03 ACRES	160.01 ACRES	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 released 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 is a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>[Signature]</i> 3/2/07 Signature Date Stephen M. Martinez Printed Name
160.11 ACRES	160.09 ACRES	
EAT - N32°28'33.1" LONG - W104°03'18.1" (NAD-83) 3300.4' 3302.5' 3297.8' 3303.8' 1030' 1980'		
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. OCTOBER 31, 2006 Date Surveyed Signature of Gary L. Jones Professional Surveyor <i>[Signature]</i> Certificate No. Gary L. Jones 7977 BASIN SURVEYS		

BOPCO, L.P.
201 MAIN ST.
FORT WORTH, TEXAS 76102-8131
817/390-8400

RECEIVED OGD

2011 FEB -9 A 11: 29

February 8, 2011

FEDERAL EXPRESS

Bureau of Land Management
620 E. Greene Street,
Carlsbad, Mexico 88201
Attn: Mr. Wesley Ingram

New Mexico State Land Office
Commissioner of Public Lands
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501
Attention: Mr. Pete Martinez

New Mexico Oil Conservation Division
1220 St. Francis
Santa Fe, New Mexico 87505
Attention: William Jones

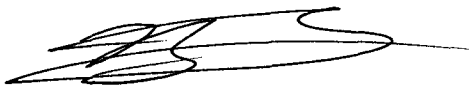
Re: Determination of Non-Commerciality
Atoka Formation
Big Eddy Unit No. 165
Eddy County, New Mexico

Gentlemen:

Please find attached hereto worksheets and pertinent information explaining that the referenced well is not a commercial producer in the Atoka Formation. Should you be in agreement that the Atoka completion is not commercial, please signify by executing one (1) copy of this letter in the space provided below and returning same to the undersigned at your earliest convenience.

Thank you very much and should you have any questions or comments in regard to the attached commercial determination, please don't hesitate to contact the undersigned.

Very truly yours,



Brad Glasscock

BG:ca

Bureau of Land Management

New Mexico State Land Office

New Mexico Oil Conservation Division

By: _____

By: _____

By: _____

Its: _____

Its: _____

Its: _____

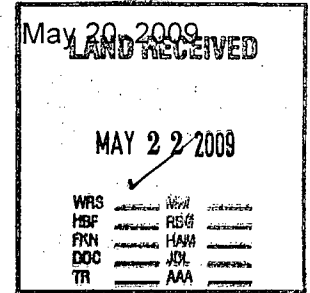
Date: _____

Date: _____

Date: _____

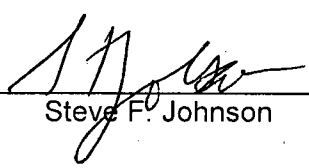
INTER-OFFICE MEMORANDUM
MIDLAND OFFICE

TO: FORT WORTH, FILES
FOR: FRANK McCREIGHT
FROM: STEVE F. JOHNSON
RE: COMMERCIAL DETERMINATION
BIG EDDY UNIT NO. 165
SAND POINT (ATOKA)
BIG EDDY UNIT
EDDY COUNTY, NEW MEXICO
FILE: 400-WF, BEU165CD.XLS



Attached are the worksheets and necessary attachments for the subject well to be submitted for commercial determination. The Big Eddy Unit #165 was drilled in 2008 to a TD of 12,017' and was completed in the Morrow, which after testing was determined to be non-commercial. The well was recompleted to the Atoka zone with perforations 10941-10954".

The Big Eddy Unit No. 165 will not be a commercial well and should not receive a participating area. If additional information is required, please advise.



Steve F. Johnson

xc: Ross Sutton
George Hillis
Brad Glasscock

cdp
cdp

ECONOMIC PROJECTION

Date: 5/20/2009

Lior: 1189073

9:25:40AM

Project Name: Exp of RESERVEPROP

As Of Date: 01/01/2009

Lease Name: 1189073/BIG EDDY UNIT/165/ATO

r: 99999

Discount Rate (%): 5.00

Reserv Cat: Proved Producing

Case Type: LEASE CASE

Field: SAND POINT (ATOKA)

Archive Set: BUD09Q2

Custom Selection

Operator: BOPCO

Cum Oil (Mbbbl): 0.00

Reservoir: ATOKA

Cum Gas (MMcf): 15.57

Co., State: EDDY, NM

Risk: 0.000 Inherited/ 0.000 Compounded Sales

Year	Gross Wet Production		Gross Dry Gas & NGL				
	Oil (Mbbbl)	Wet Gas (MMcf)	Dry Gas (MMcf)	NGL (Mgal)	Oil (Mbbbl)	Gas (MMcf)	NGL (Mgal)
2009	0.008	19.399	19.399	0.000	0.007	16.195	0.000
2010	0.000	8.045	8.045	0.000	0.000	6.717	0.000
2011	0.000	3.723	3.723	0.000	0.000	3.108	0.000

Rem	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total	0.008	31.167	31.167	0.000	0.007	26.020	0.000
Ult.	0.008	46.737					

Year	Average Price			Net Revenue			
	Oil (\$/bbl)	Gas (\$/Mcf)	NGL (\$/gal)	Oil (M\$)	Gas (M\$)	NGL (M\$)	Total (M\$)
2009	39.45	3.03	0.00	0.26	49.07	0.00	49.33
	0.00	4.87	0.00	0.00	32.70	0.00	32.70
	0.00	5.58	0.00	0.00	17.33	0.00	17.33

Rem	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	39.45	3.81	0.00	0.26	99.10	0.00	99.36

Year	Expenditures				Future Net Revenue			
	Total Sev Taxes (M\$)	Total Adv Taxes (M\$)	Net Investments (M\$)	Total Net Opcosts (M\$)	Annual (M\$)	Cumulative (M\$)	Disc. Ann. CF 5.00 % (M\$)	Cum. Disc. CF 5.00 % (M\$)
2009	4.04	0.10	2,821.54	24.12	-2,800.46	-2,800.46	-2,800.85	-2,800.85
2010	2.68	0.07	0.00	18.43	11.52	-2,788.94	10.76	-2,790.09
2011	1.42	0.03	0.00	13.25	2.62	-2,786.32	2.36	-2,787.73

Rem	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	8.13	0.20	2,821.54	55.80	-2,786.32	-2,786.32	-2,787.73	-2,787.73

Major Phase: Gas
 Perfs: 0 0
 Initial Rate: 2.585.00 Mcf/month
 Abandonment: 315.34 Mcf/month
 Decline: 74.39 % year b = 0.500
 Ratio: 0.00 bbl/Mcf
 End Ratio: 0.00 bbl/Mcf
 Forecast Start: 12/01/2008

Working Int: 1.00000000
 Revenue Int: 0.83487636
 Disc. Initial Invest. (m\$): 2,821.543
 Internal ROR (%): >1000.0
 ROI Investment (disc/undisc): 0.01 / 0.01
 Years to Payout: 0.00
 Abandonment Date: 10/19/2011

Present Worth Profile (M\$)

5.00%:	-2,787.73
9.00%:	-2,788.76
10.00%:	-2,789.00
12.00%:	-2,789.47
15.00%:	-2,790.14
20.00%:	-2,791.16
30.00%:	-2,792.94
40.00%:	-2,794.43
50.00%:	-2,795.70
60.00%:	-2,796.79

Initial 1st Rev. 2nd Rev.
 Working Interest: 1.00000000 0.00000000 0.00000000
 Revenue Interest: 0.83487636 0.00000000 0.00000000
 Rev. Date:

ECONOMIC PROJECTION

Date: 5/20/2009

Lior: 1189073

9:24:05AM

Project Name: Exp of RESERVEPROP

As Of Date: 01/01/2009

Lease Name: 1189073/BIG EDDY UNIT/165/MOR

er: 99999

Discount Rate (%): 5.00

Reserv Cat: Proved Producing

Type: LEASE CASE

Field: FENTON DRAW (MORROW)

Archive Set: BUD09Q2

1189073/BIG EDDY UNIT/165/MOR

Operator: BOPCO

Cum Oil (Mbbbl): 0.78

Reservoir: MORROW

Cum Gas (MMcf): 240.53

Co., State: EDDY, NM

Risk: 0.000 Inherited/ 0.000 Compounded

Year	Gross Wet Production		Gross Dry Gas & NGL		Sales		
	Oil (Mbbbl)	Wet Gas (MMcf)	Dry Gas (MMcf)	NGL (Mgal)	Oil (Mbbbl)	Gas (MMcf)	NGL (Mgal)
2009	0.085	122.713	122.713	0.000	0.071	102.451	0.000
2010	0.000	64.096	64.096	0.000	0.000	53.512	0.000
2011	0.000	40.494	40.494	0.000	0.000	33.807	0.000
2012	0.000	28.357	28.357	0.000	0.000	23.675	0.000
2013	0.000	21.059	21.059	0.000	0.000	17.581	0.000
2014	0.000	16.403	16.403	0.000	0.000	13.694	0.000
2015	0.000	13.201	13.201	0.000	0.000	11.022	0.000
2016	0.000	10.923	10.923	0.000	0.000	9.119	0.000
2017	0.000	9.169	9.169	0.000	0.000	7.655	0.000
2018	0.000	7.845	7.845	0.000	0.000	6.550	0.000

Rem	0.000	14.751	14.751	0.000	0.000	12.315	0.000
Total	0.085	349.011	349.011	0.000	0.071	291.381	0.000
Ult.	0.865	589.543					

Year	Average Price			Net Revenue			
	Oil (\$/bbl)	Gas (\$/Mcf)	NGL (\$/gal)	Oil (M\$)	Gas (M\$)	NGL (M\$)	Total (M\$)
2009	39.02	3.01	0.00	2.77	308.07	0.00	310.84
	0.00	4.82	0.00	0.00	257.92	0.00	257.92
	0.00	5.57	0.00	0.00	188.28	0.00	188.28
2012	0.00	5.78	0.00	0.00	136.80	0.00	136.80
2013	0.00	5.83	0.00	0.00	102.57	0.00	102.57
2014	0.00	5.89	0.00	0.00	80.65	0.00	80.65
2015	0.00	5.95	0.00	0.00	65.63	0.00	65.63
2016	0.00	6.03	0.00	0.00	55.03	0.00	55.03
2017	0.00	6.13	0.00	0.00	46.90	0.00	46.90
2018	0.00	6.21	0.00	0.00	40.66	0.00	40.66
Rem	0.00	6.36	0.00	0.00	78.37	0.00	78.37
Total	39.02	4.67	0.00	2.77	1,360.88	0.00	1,363.65

Year	Expenditures				Future Net Revenue			
	Total Sev. Taxes (M\$)	Total Adv. Taxes (M\$)	Net Investments (M\$)	Total Net Opcosts (M\$)	Annual (M\$)	Cumulative (M\$)	Disc. Ann. CF 5.00 % (M\$)	Cum. Disc. CF 5.00 % (M\$)
2009	25.43	0.62	3,976.98	78.64	-3,770.83	-3,770.83	-3,775.30	-3,775.30
2010	21.12	0.52	0.00	47.95	188.32	-3,582.50	175.31	-3,600.00
2011	15.42	0.38	0.00	35.60	136.89	-3,445.61	121.40	-3,478.60
2012	11.20	0.27	0.00	29.24	96.08	-3,349.53	81.15	-3,397.45
2013	8.40	0.21	0.00	25.42	68.54	-3,280.99	55.12	-3,342.33
2014	6.61	0.16	0.00	22.99	50.90	-3,230.09	38.98	-3,303.35
2015	5.37	0.13	0.00	21.31	38.81	-3,191.28	28.31	-3,275.04
2016	4.51	0.11	0.00	20.12	30.30	-3,160.99	21.04	-3,254.00
2017	3.84	0.09	0.00	19.20	23.76	-3,137.22	15.72	-3,238.28
2018	3.33	0.08	0.00	18.51	18.74	-3,118.48	11.81	-3,226.47
Rem	6.42	0.16	0.00	41.59	30.20	30.20	17.61	17.61
Total	111.65	2.73	3,976.98	360.57	-3,088.28	-3,088.28	-3,208.86	-3,208.86

Major Phase:	Gas	Working Int:	1.00000000	Present Worth Profile (M\$)	
Perfs:	0 0	Revenue Int:	0.83487636		
Initial Rate:	14,650.00 Mcf/month	Disc. Initial Invest. (m\$):	3,976.981	5.00%:	-3,208.86
Abandonment:	447.32 Mcf/month	Internal ROR (%):	>1000.0	9.00%:	-3,282.65
Decline:	62.22 % year b = 0.600	ROI Investment (disc/undisc):	0.19 / 0.22	10.00%:	-3,298.71
Ratio:	0.00 bbl/Mcf	Years to Payout:	0.00	12.00%:	-3,328.44
End Ratio:	0.00 bbl/Mcf	Abandonment Date:	05/11/2021	15.00%:	-3,367.86
Forecast Start:	10/01/2008			20.00%:	-3,422.56
		Initial	1st Rev.	30.00%:	-3,503.38
		Working Interest:	0.00000000	40.00%:	-3,560.17
		Revenue Interest:	0.83487636	50.00%:	-3,602.26
		Rev. Date:		60.00%:	-3,634.74

Form 3160-4
(April 2004)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 20075. Lease Serial No.
NMLC 060572A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.
NMNM 68294X

8. Lease Name and Well No.

BIG EDDY UNIT 165

9. API Well No.

30-015-35251

10. Field and Pool, or Exploratory

UNDESIGNATED (ATOKA)

11. Sec., T., R., M., on Block and

Survey or Area SEC 5, T21S, R28

12. County or Parish

EDDY

13. State

NM

17. Elevations (DF, RKB, RT, GL)*

3191' GL

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Otherb. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☒ Plug Back ☐ Diff. Resvr.
Other _____

2. Name of Operator

BEPCO, L.P.

3. Address

P.O. BOX 2760 MIDLAND TX 79702-2760

3.a Phone No. (Include area code)

(432)683-2277

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At Surface UL K, 1980' FSL, 1980' FWL, LAT. N 32.5072 DEG, LONG W 104.1113

At top prod. interval reported below SAME

At total depth SAME

14. Date Spudded

06/10/2008

15. Date T.D. Reached

06/21/2008

16. Date Completed

☐ D & A ☒ Ready to Prod.

06/21/2008

18. Total Depth: MD 12017'
TVD19. Plug Back T.D.: MD 11451'
TVD20. Depth Bridge Plug Set: MD 11451'
TVD21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)
NONE22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8"	48/54.5#	0'	826'		795		0'	
12-1/4"	9-5/8"	36#	0'	2535'		1575		0' TOP OUT	
8-3/4"	5-1/2"	17#	0'	12016'	8514'	2360		3785' CALC.	
					3558'	590		0' CIRC.	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	10872'	10850'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) ATOKA	10723'	11175'	10941'-54'	0.380	72	PRODUCING
B) MORROW	11176'	12019'	11498'-11656'	0.380	58	BENEATH CIBP @
C)						11466'
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
10941'-54'	ACIDIZED W/ 2500 GALS OF 7.5% NEFE HCL
11498'-11656'	SET 2-3/8" ALPHA 10K CIBP IN TBG SUB @ 11466' TO TEMPORARILY ZONE ABANDON PERFS

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
6/21/08	6/24/08	24	→	0	163	0			FLOWING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
W/O	515	0	→				NA	Producing	

Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

(See Instructions and notes for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones or porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				T/RUSTLER	378'
				T/CAPITAN REEF	1880'
				T/DELAWARE MTN. GROUP	2770'
				T/BONE SPRING LIME	5757'
				T/WOLFCAMP	9252'
				T/STRAWN	10436'
				T/ATOKA	10723'
				T/MORROW	11176'
				T/MISSISSIPPIAN	12020'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geological Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Ann MooreTitle PRODUCTION CLERK

Signature

Ann MooreDate 06/27/2008

Title 18 U.S.C. Section 101 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 and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DISTRICT I

1000 N. French Dr., Hobbs, NM 88240

DISTRICT II

1304 N. Grand Avenue, Artesia, NM 88210

DISTRICT III

1000 N. French Dr., Santa Fe, NM 87505

DISTRICT IV

1200 N. French 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 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-015-35251	Pool Code NA	Pool Name Undesignated (Atoka)
Property Code 001776	Property Name BIG EDDY UNIT	Well Number 165
OGED No. 001801	Operator Name BEPCO, L.P.	Elevation 3191'

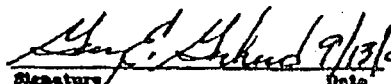
Surface Location

UL or lot No.	Section	Township	Range	Lot 1/4	Feet from the	North/South Line	Feet from the	East/West Line	County
S	5	21 S	28 E		1980	SOUTH	1980	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot 1/4	Feet from the	North/South Line	Feet from the	East/West Line	County
Dedicated Acres 320	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 12 LOT 11 LOT 10 LOT 9 159.96 ACRES 160.06 ACRES				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 information either came from a reliable source or was obtained from a reliable source on 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.  Signature _____ Date 9/13/06 Gary E. Gerhard Printed Name	
LOT 13 LOT 14 LOT 15 LOT 16 160.17 ACRES 160.24 ACRES				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.  Date Surveyed 08/08/06 Signature _____ Professional Surveyor Certificate No. 7977 Certificate for Gary E. Jones 7977	

Form 3160-4
(April 2004)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 20075. Lease Serial No.
NMLC 060572A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.
NMNM 68294X8. Lease Name and Well No.
BIG EDDY UNIT 1659. API Well No.
30-015-3525110. Field and Pool, or Exploratory
FENTON DRAW (MORROW)11. Sec., T., R., M., on Block and
Survey or Area SEC 5, T21S, R28E12. County or Parish
EDDY13. State
NM17. Elevations (DF, RKB, RT, GL)*
3191' GL1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other _____2. Name of Operator
BEPCO, L.P.3. Address
P.O. BOX 2760 MIDLAND TX 79702-27603.a Phone No. (Include area code)
(432)683-22774. Location of Well (Report location clearly and in accordance with Federal requirements)*
At Surface UL K, 1980' FSL, 1980' FWL, LAT. N 32.5072 DEG, LONG W 104.1113
At top prod. interval reported below SAME
At total depth SAME14. Date Spudded
03/09/200715. Date T.D. Reached
05/01/200716. Date Completed
☐ D & A ☒ Ready to Prod.
08/25/200718. Total Depth: MD 12017'
TVD19. Plug Back T.D.: MD 11913'
TVD20. Depth Bridge Plug Set: MD
TVD21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)
LDT-CNL-GR; HLA-CFL-GR22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8"	48/54.5#	0'	826'		795		0'	
12-1/4"	9-5/8"	36#	0'	2535'		1575		0' TOP OUT	
8-3/4"	5-1/2"	17#	0'	12016'	8514'	2360		3785' CALC.	
					3558'	590		0' CIRC.	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	11482'	11451'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MORROW	11498'	11656'	11498-11502	0.380	7	PRODUCING
B)			11538-11544'	0.380	13	PRODUCING
C)			11578-11582'	0.380	7	PRODUCING
D)			11608-11612'	0.380	7	PRODUCING

27. Acid Fracture Treatment Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
11498-11656'	FRAC'D W/18694 GALS 40# LINEAR GEL W/70Q CO2 BINARY FOAM AND 51970 LBS 18/40 ULTRAPROP

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
08/25/07	08/31/07	24	→	11	4160	25			FLOWING
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
24/64"	SI 13500		→	11	4160	25	378181	Producing	

Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones or porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				T/RUSTLER	378'
				T/CAPITAN REEF	1880'
				T/DELAWARE MTN. GROUP	2770'
				T/BONE SPRING LIME	5757'
				T/WOLFCAMP	9252'
				T/STRAWN	10436'
				T/ATOKA	10723'
				T/MORROW	11176'
				T/MISSISSIPPIAN	12020'

32. Additional remarks (include plugging procedure):

ADDITIONAL PERFS:

11636-11647'	0.380	17 SHOTS	PRODUCING
11652-11656'	0.380	7 SHOTS	PRODUCING

33. Indicate which items have been attached by placing a check in the appropriate boxes:

☒ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geological Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
☐ Core Analysis
☐ Other

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Ann MooreTitle PRODUCTION CLERKSignature Ann MooreDate 09/04/2007

Title 18 U.S.C. Section 101 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 and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DISTRICT I

1828 N. French Dr., Hobbs, NM 88240

DISTRICT II

1391 E. Grand Avenue, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Artesia, NM 87410

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 87505

Form C-102
Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-35251	Pool Code 716580	Pool Name Fenton Draw (Morrow)
Property Code 001776	Property Name BIG EDDY UNIT	Well Number 165
OGED No. 001801	Operator Name BEPCO, L.P.	Elevation 3191'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
S	5	21 S	28 E		1980	SOUTH	1980	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	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 12 159.96 ACRES	LOT 11	LOT 10 160.06 ACRES	LOT 9
LOT 13	LOT 14	LOT 15	LOT 16

1/4 COR. 1/4 COR.

3191.6' 3192.8'

1980'

3189.8' 3189.4'

160.17 ACRES 160.24 ACRES

LAT - N32°38'25.8"
LONG - W104°06'40.7"
(NAD-83)

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 released 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.

Gary E. Gerhard 9/13/06
Signature Date

Gary E. Gerhard
Printed Name

SURVEYOR CERTIFICATION

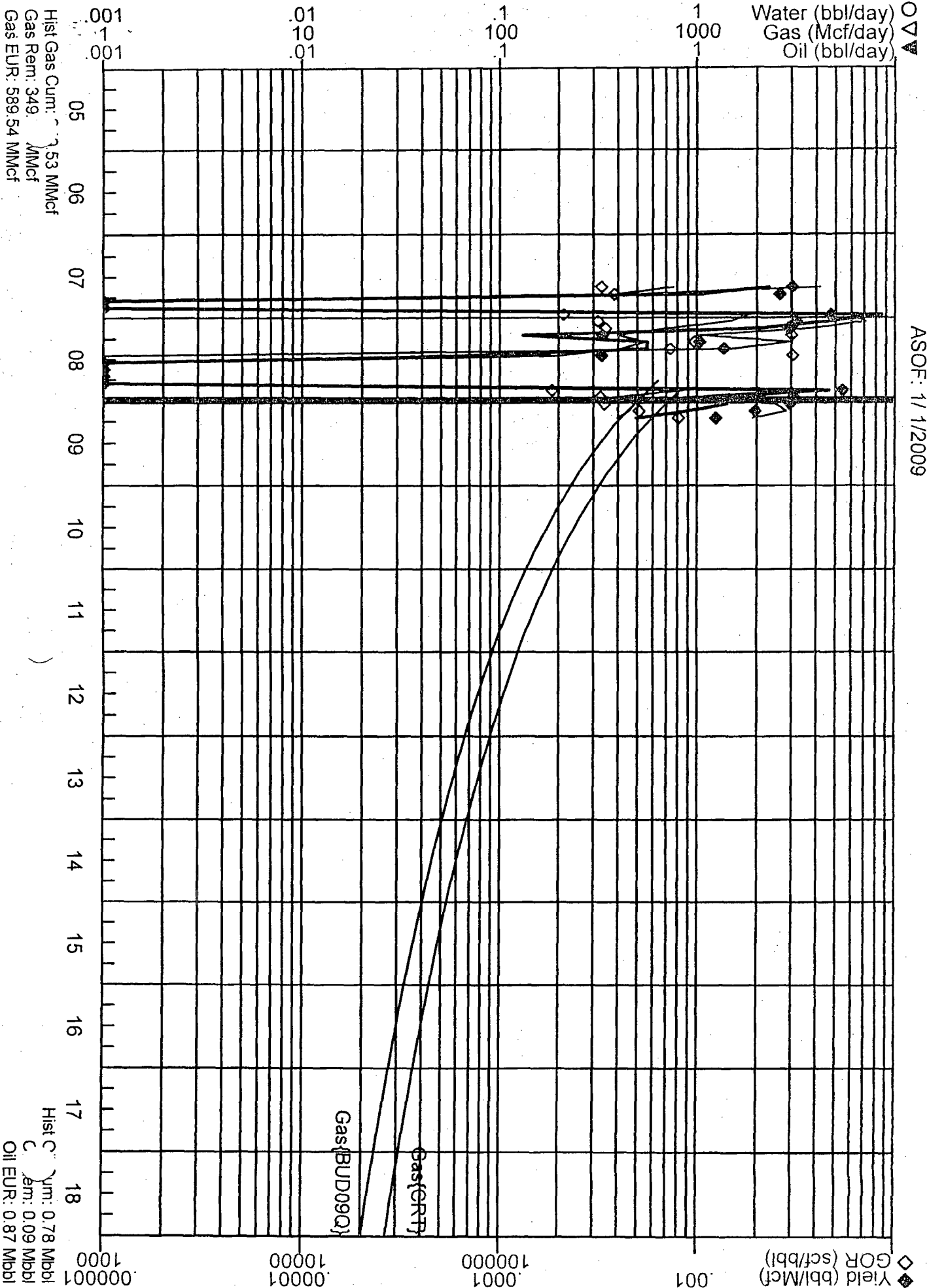
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

DATE SURVEYED: **08-2006**
SIGNATURE: *[Signature]*
PROFESSIONAL SURVEYOR: **7997**
No. **6508**
Certificate No. **6508** Jones 7977

1189073/BIG EDDY UNIT/165/MOR
Major Phase: Gas

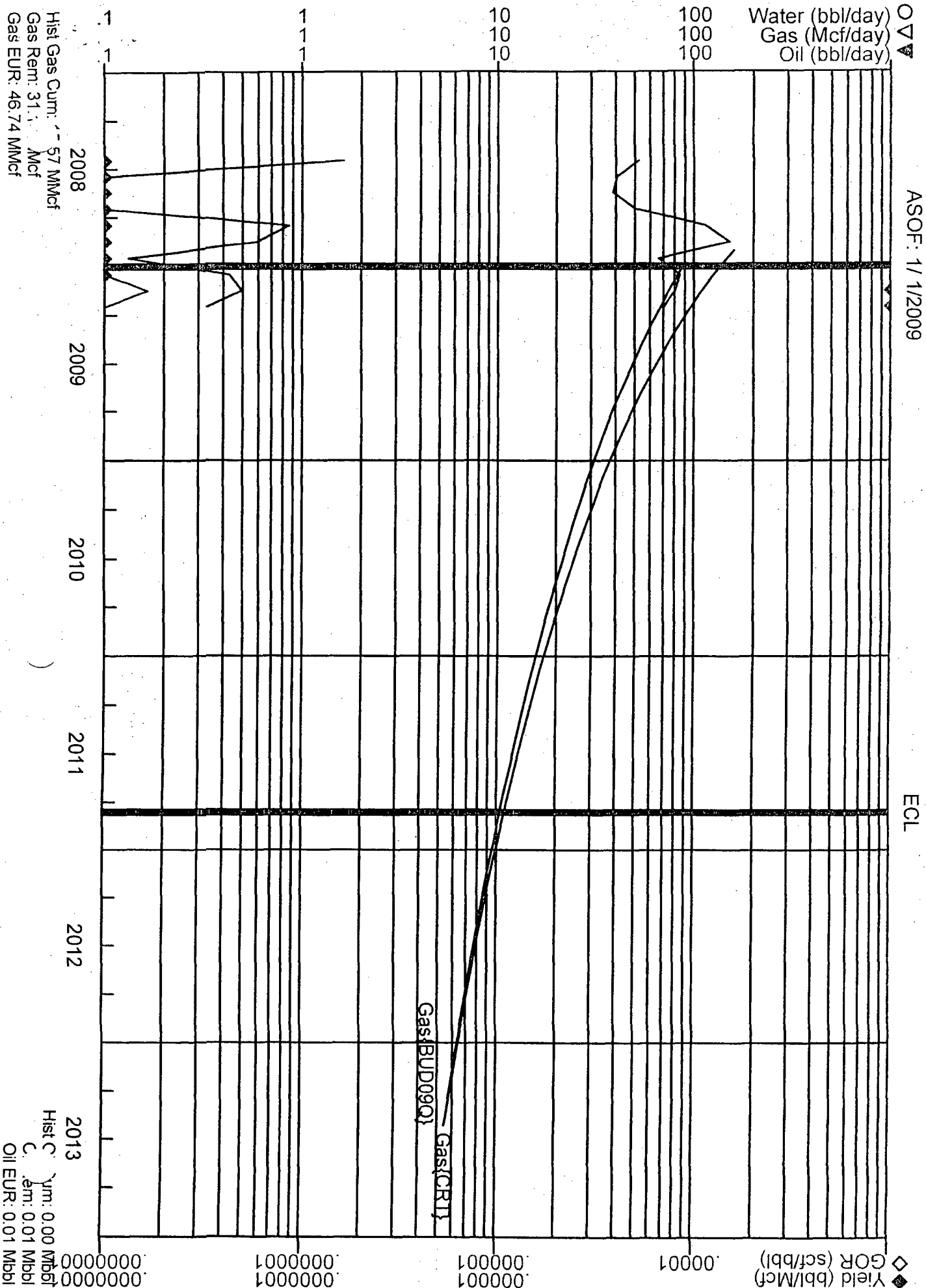
Field: FENTON DRAW (MORROW)
No Initial Fluid Data Found

ASOF: 1/1/2009



1189073/BIG EDDY UNIT/165/ATO
Major Phase: Gas

Field: SAND POINT (ATOKA)
No Initial Fluid Data Found



BOPCO, L.P.
201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

RECEIVED OGD
2011 FEB -9 A 11: 29

February 8, 2011

FEDERAL EXPRESS

Bureau of Land Management
620 E. Greene Street,
Carlsbad, Mexico 88201
Attn: Mr. Wesley Ingram

New Mexico State Land Office
Commissioner of Public Lands
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501
Attention: Mr. Pete Martinez

New Mexico Oil Conservation Division
1220 St. Francis
Santa Fe, New Mexico 87505
Attention: William Jones

Re: Determination of Non-Commerciality
Morrow Formation
Big Eddy Unit No. 169
Eddy County, New Mexico

Gentlemen:

Please find attached hereto worksheets and pertinent information explaining that the referenced well is not a commercial producer in the Morrow Formation. Should you be in agreement that the Morrow completion is not commercial, please signify by executing one (1) copy of this letter in the space provided below and returning same to the undersigned at your earliest convenience.

Thank you very much and should you have any questions or comments in regard to the attached commercial determination, please don't hesitate to contract the undersigned.

Very truly yours,



Brad Glasscock

BG:ca

Bureau of Land Management

New Mexico State Land Office

New Mexico Oil Conservation Division

By: _____

By: _____

By: _____

Its: _____

Its: _____

Its: _____

Date: _____

Date: _____

Date: _____

INTER-OFFICE MEMORANDUM
MIDLAND OFFICE

May 26, 2009

TO: FORT WORTH, FILES
FOR: FRANK McCREIGHT
FROM: STEVE F. JOHNSON
RE: COMMERCIAL DETERMINATION
BIG EDDY UNIT NO. 169
FENTON DRAW (MORROW)
BIG EDDY UNIT
EDDY COUNTY, NEW MEXICO
FILE: 400-WF, BEU169MCD.XLS

Attached are the worksheets and necessary attachments for the subject well to be submitted for commercial determination. The Big Eddy Unit #169 was drilled in 2007 to a TD of 12,121' and was completed in the Strawn. The Morrow was deemed to be non-productive and was not perforated.

The Big Eddy Unit No. 169 will not be a commercial well and should not receive a participating area. If additional information is required, please advise.



Steve F. Johnson

xc: Ross Sutton
George Hillis
Brad Glasscock


cdp

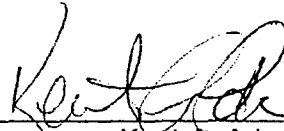
INTER-OFFICE MEMORANDUM
MIDLAND OFFICE

September 6, 2007

TO: FORT WORTH, FILES
FOR: FRANK McCREIGHT
FROM: KENT A. ADAMS
RE: COMMERCIAL DETERMINATION
BIG EDDY UNIT NO. 169
FENTON DRAW (STRAWN)
BIG EDDY UNIT
EDDY COUNTY, NEW MEXICO
FILE: 400-WF, BEU169CD.XLS

Attached are the worksheets and necessary attachments for the subject well to be submitted for commercial determination. The Big Eddy Unit #169 was drilled in 2007 to a TD of 12,121' and was completed in the Strawn. The well is producing from perforations 10,720-10,738'.

The Big Eddy Unit No. 169 will be a commercial well and should receive a participating area. If additional information is required, please advise.



Kent A. Adams

xc: Ross Sutton
George Hillis


cdp

WORKSHEET FOR COMMERCIAL DETERMINATION AND PARTICIPATING AREA IN FEDERAL UNITS

WELL DATA

WELL _____ BIG EDDY UNIT # 169 _____ FORMATION _____ STRAWN _____
 LOCATION _____ C _____ UNIT, _____ 660 FEET FROM NORTH LINE & _____ 1830 FEET FROM WEST LINE
 SECTION _____ 17 _____ TOWNSHIP _____ 21S _____ RANGE _____ 28E _____ COUNTY _____ EDDY _____ NEW MEXICO
 SPUD DATE _____ 1/30/2007 _____ COMPLETION DATE _____ 05/20/2007 _____ INITIAL PRODUCTION _____ 05/20/2007
 PERFORATIONS _____ 10,720-10,738' _____

STIMULATION:

ACID _____ 1860 gal 15% HCL acid w/ additives _____

FRACTURE

POTENTIAL _____ (05/25/2007): 9 BOPD, 857 MCFPD, & 35 BWPD

(Attach Copy of C-105. Attach Copy of Wellbore Sketch of Completed Well.)

VOLUMETRIC CALCULATION

	SANDS PERFORATED	SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE
Area (A) proration unit size, acres	320	
Porosity (por), %	6%	
Water saturation (Sw), %	62%	
Net Thickness (h), ft.	18	
Temperature (T), Fahrenheit	175	
Bottom Hole pressure (P), psia	1,553	
Recovery factor (RF), %	75%	
Recoverable gas, BCF *(See eq. below)	1.5	

*Sometimes unable to match performance due to volumetric uncertainty.

Formula = $(7758) (A) (h) (por) (1-Sw)(RF)/Bsi$

Bgi = 0.18 RB/MCF

BIG EDDY UNIT # 169

Continued

PERFORMANCE DATA

(If sufficient history exists, attach plot of oil production rate v time.)

CUMULATIVE PRODUCTION TO 07/31/2007 51,536 MCF Gas 1450 BBL Oil

INITIAL RATE (qi) 800

ECONOMIC LIMIT (qi) 14

HYPERBOLIC DECLINE RATE, dy b = 0 d = 29.7

REMAINING GAS (Q) = 2,105,272

ULTIMATE RECOVERABLE GAS (mcf) 2,156,808

(Attach plat showing proration unit and participating area.)

ECONOMIC

GROSS WELL COST \$ 2,386,139 (to the depth of formation completed)

COMPLETION COST \$ 906,818

GROSS TOTAL COST \$ 3,292,957

YEAR	GROSS GAS MMCF	BFIT NET INCOME (\$M)	OPERATING COST (\$M) INCL SEV & AD VAL TAX	5% NET BFIT DISCOUNTED CASH FLOW
ZERO				
1	155.6	1,129.7	262.742	-2,400.7
2	194.6	1,606.8	372.168	1,167.8
3	136.4	1,091.4	300.628	712.5
4	95.9	767.5	254.137	440.5
5	67.4	539.7	221.445	260.2
6	47.5	380.3	198.581	141.6
7	33.3	266.6	182.256	62.6
8	19.3	154.6	163.501	13.5
9				
10	0.0	0.0		
REMAINDER	0	0.0		
TOTAL	750	5,936.6	1955.458	398.0

WELL IS COMMERCIAL

ECONOMIC PROJECTION

Date: 9/6/2007

Lior: 1189071

1:58:06PM

Project Name: RESERVEPROP Extract-Creating new PH
 Number: 99999
 Case Type: LEASE CASE
 Archive Set: CURRENT

As Of Date: 05/01/2007
 Discount Rate (%): 5.00
 1189071/BIG EDDY UNIT/STR

Lease Name: 1189071/BIG EDDY UNIT/STR
 Resery Cat.: Proved Producing
 Field: FENTON DRAW (STRAWN)
 Operator: BEPCO
 Reservoir: STRAWN
 Co., State: EDDY, NM

Cum Oil (mbbls): 0.00
 Cum Gas (mmcf): 0.00

Year	Gross Wet Production		Gross Dry Gas & NGL		Sales		
	Oil (Mbbbl)	Wet Gas (MMCF)	Dry Gas (MMCF)	NGL (MGal)	Oil (Mbbbl)	Gas (MMCF)	NGL (MGal)
2007	5.612	155.594	155.594	0.000	4.629	128.346	0.000
2008	7.785	194.621	194.621	0.000	6.422	160.538	0.000
2009	5.456	136.408	136.408	0.000	4.501	112.520	0.000
2010	3.837	95.918	95.918	0.000	3.165	79.121	0.000
2011	2.698	67.447	67.447	0.000	2.225	55.635	0.000
2012	1.901	47.535	47.535	0.000	1.568	39.210	0.000
2013	1.333	33.317	33.317	0.000	1.099	27.482	0.000
2014	0.773	19.320	19.320	0.000	0.637	15.937	0.000

Rem	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total	29.395	750.159	750.159	0.000	24.247	618.789	0.000
Ult.	29.395	750.159					

Year	Average Price			Net Revenue			
	Oil \$/BBL	Gas \$/MCF	NGL \$/Gal	Oil (M\$)	Gas (M\$)	NGL (M\$)	Total (M\$)
2007	64.38	6.48	0.00	298.066	831.654	0.000	1,129.721
2008	60.00	7.61	0.00	385.292	1,221.530	0.000	1,606.822
2009	55.00	7.50	0.00	247.544	843.898	0.000	1,091.442
2010	55.00	7.50	0.00	174.065	593.404	0.000	767.469
2011	55.00	7.50	0.00	122.397	417.263	0.000	539.661
2012	55.00	7.50	0.00	86.263	294.077	0.000	380.340
2013	55.00	7.50	0.00	60.461	206.116	0.000	266.577
2014	55.00	7.50	0.00	35.061	119.525	0.000	154.586

Rem	0.00	0.00	0.00	0.000	0.000	0.000	0.000
Total	58.12	7.32	0.00	1,409.148	4,527.468	0.000	5,936.616

Year	Expenditures				Future Net Revenue			
	Total Sev Taxes (M\$)	Total Adv Taxes (M\$)	Net Investments (M\$)	Total Net Opcosts (M\$)	Annual (M\$)	Cumulative (M\$)	Disc. Ann. CF 5.00 % (M\$)	Cum. Disc. CF 5.00 % (M\$)
2007	89.216	22.594	3,292.957	150.932	-2,425.978	-2,425.978	-2,400.743	-2,400.743
2008	127.322	32.136	0.000	212.710	1,234.653	-1,191.325	1,167.846	-1,232.897
2009	86.641	21.829	0.000	192.158	790.813	-400.512	712.500	-520.396
2010	60.924	15.349	0.000	177.864	513.332	112.820	440.546	-79.850
2011	42.840	10.793	0.000	167.812	318.216	431.036	260.158	180.308
2012	30.192	7.607	0.000	160.782	181.759	612.795	141.586	321.894
2013	21.162	5.332	0.000	155.762	84.321	697.116	62.626	384.520
2014	12.271	3.092	0.000	120.310	18.912	716.029	13.479	397.999

Rem	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total	470.567	118.732	3,292.957	1,338.331	716.029	716.029	397.999	397.999

Major Phase: Gas
 Perfs: 0 0
 Initial Rate: 7.15 mmcf/month
 Abandonment: 1.75 mmcf/month
 Decline: 29.70 % year b = 0.000
 Ratio: 0.03 bbl/mmcf
 Ratio: 0.04

Working Int: 1.00000000
 Revenue Int: 0.82487635
 Disc. Initial Invest. (m\$): 3,252.736
 Internal ROR (%): 13.23
 ROInvestment (disc/undisc): 1.12 / 1.22
 Years to Payout: 3.41
 Abandonment Date: 10/18/2014

Present Worth Profile (M\$)

5.00%: 398.00
 8.00%: 237.09
 10.00%: 140.18
 12.00%: 50.59
 15.00%: -71.60
 20.00%: -247.58
 30.00%: -520.54
 40.00%: -719.49
 50.00%: -868.59
 60.00%: -982.86

Initial 1st Rev. 2nd Rev.
 Working Interest: 1.00000000 0.00000000 0.00000000
 Revenue Interest: 0.82487635 0.00000000 0.00000000
 Rev. Date:

1189074/BIG EDDY UNIT/STR

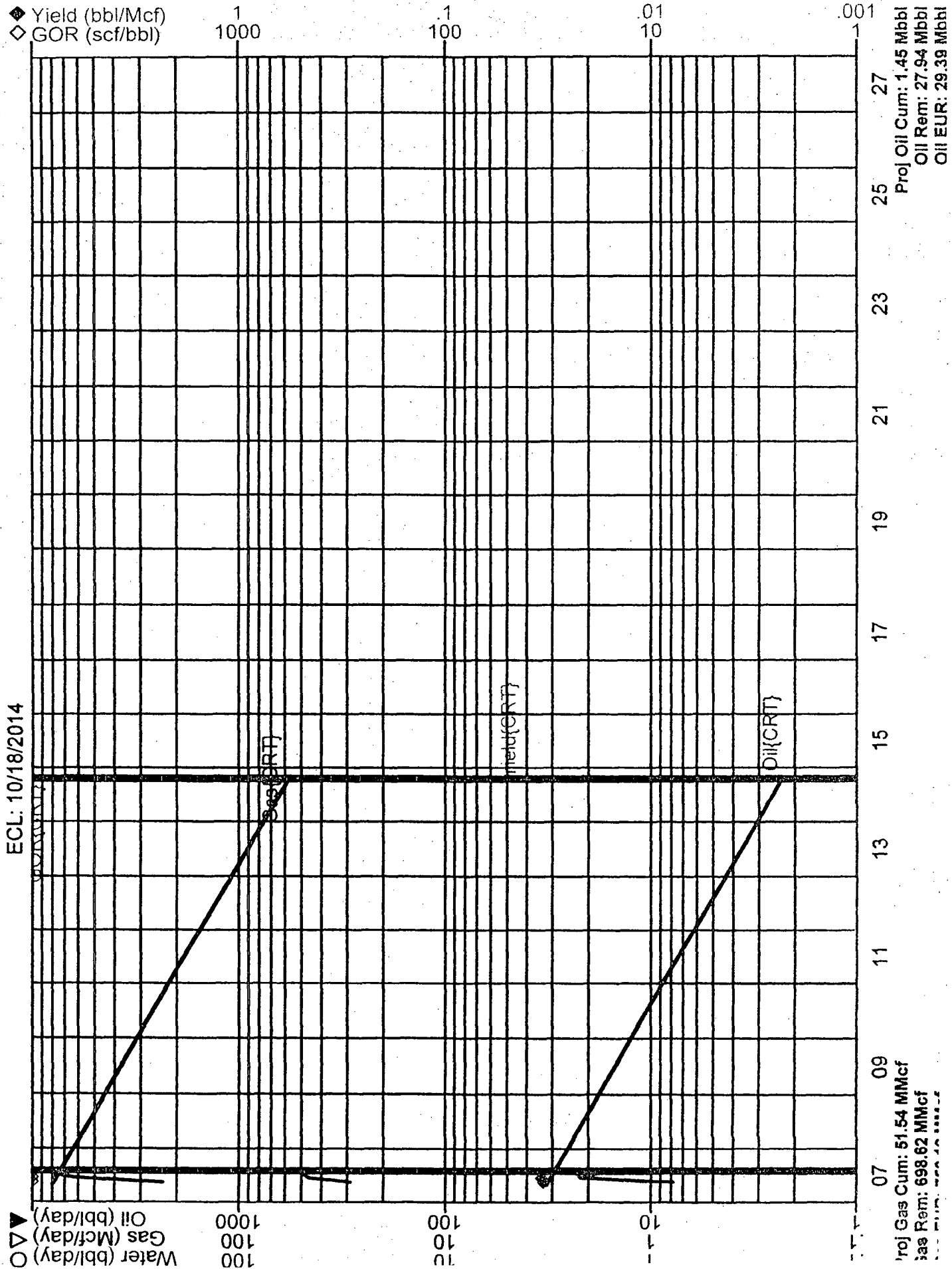
Major Phase: G

APPEUR OIL:

Field: FENTON DRAW

WELL_NAME: BIG EDDY # 169

APPEUR GAS:



Form 3160-4
(April 2004)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

1a. Type of Well ☒ Oil Well ☒ Gas Well ☐ Dry ☐ Other
 b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
 Other _____

2. Name of Operator
BEPCO, L.P.

3. Address
P.O. BOX 2760 MIDLAND TX 79702-2760

3.a Phone No. (Include area code)
(432)683-2277

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At Surface UL C, 660th FNL, 1830' FWL, LAT. N 32.484389 DEG, LONG W 104.111806

At top prod. interval reported below SAME

At total depth SAME

14. Date Spudded
01/30/2007

15. Date T.D. Reached
03/05/2007

16. Date Completed
☐ D & A ☒ Ready to Prod.
05/20/2007

5. Lease Serial No.
NMLC059365

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.
NMNM68294X

8. Lease Name and Well No.

BIG EDDY UNIT 169

9. API Well No.

30-015-35169

10. Field and Pool, or Exploratory
FENTON DRAW (STRAWN)

11. Sec., T., R., M., on Block and
Survey or Area SEC 17, T21S, R28E

12. County or Parish
EDDY

13. State
NM

17. Elevations (DF, RKB, RT, GL)*
3197' GL

18. Total Depth: MD 12121'
TVD

19. Plug Back T.D.: MD 12016'
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)
LDT-CNL-GR; HLA-CFL-GR

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8"	48/54.5#	0'	525"		630		0'	
12-1/4"	9-5/8"	36/40#	0'	2745'		1195		0'	
3-3/4"	5-1/2"	17#	0'	12112'	6361'	2100		1950' TS	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	10669'	10647'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) ATOKA	10720'	10738'	10720'-10738'	0.380	108	PRODUCING
B)						
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
	NO STIMULATION

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
05/20/07	05/25/07	24	→	9	857	35			PUMPING
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
15/64"	SI 350	370	→	9	857	35	95222	Producing	

Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
	SI		→						

(See Instructions and spaces for additional data on page 2)

BOPCO, L.P.
201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

RECEIVED OGD

2011 FEB -9 A 11: 30

February 8, 2011

FEDERAL EXPRESS

Bureau of Land Management
620 E. Greene Street,
Carlsbad, Mexico 88201
Attn: Mr. Wesley Ingram

New Mexico State Land Office
Commissioner of Public Lands
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501
Attention: Mr. Pete Martinez

New Mexico Oil Conservation Division
1220 St. Francis
Santa Fe, New Mexico 87505
Attention: William Jones

Re: Determination of Non-Commerciality
Morrow Formation
Big Eddy Unit No. 160
Eddy County, New Mexico

Gentlemen:

Please find attached hereto worksheets and pertinent information explaining that the referenced well is not a commercial producer in the Morrow Formation. Should you be in agreement that the Morrow completion is not commercial, please signify by executing one (1) copy of this letter in the space provided below and returning same to the undersigned at your earliest convenience.

Thank you very much and should you have any questions or comments in regard to the attached commercial determination, please don't hesitate to contact the undersigned.

Very truly yours,



Brad Glasscock

BG:ca

Bureau of Land Management

New Mexico State Land Office

New Mexico Oil Conservation Division

By: _____

By: _____

By: _____

Its: _____

Its: _____

Its: _____

Date: _____

Date: _____

Date: _____

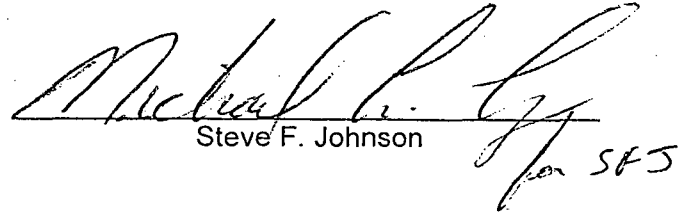
INTER-OFFICE MEMORANDUM
MIDLAND OFFICE

May 19, 2009

TO: FORT WORTH, FILES
FOR: FRANK McCREIGHT
FROM: STEVE F. JOHNSON
RE: COMMERCIAL DETERMINATION
BIG EDDY UNIT NO. 160
INDIAN FLATS SOUTHWEST (MORROW)
BIG EDDY UNIT
EDDY COUNTY, NEW MEXICO
FILE: 400-WF, BEU160CD.XLS

The Big Eddy Unit #16⁹~~4~~ was drilled in 2008 to a TD of 12,630' and was completed in the Morrow. The Morrow zone was abandoned and the well was recompleted to the Atoka.

The Big Eddy Unit No. 160 will not be a commercial well in the Morrow zone and should not receive a participating area. If additional information is required, please advise.


Steve F. Johnson
for SFS

xc: Ross Sutton
George Hillis
Brad Glasscock

cdp

BOPCO, L.P.
201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

RECEIVED OGD

February 8, 2011

2011 FEB -9 A 11: 31

FEDERAL EXPRESS

Bureau of Land Management
620 E. Greene Street,
Carlsbad, Mexico 88201
Attn: Mr. Wesley Ingram

New Mexico State Land Office
Commissioner of Public Lands
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501
Attention: Mr. Pete Martinez

New Mexico Oil Conservation Division
1220 St. Francis
Santa Fe, New Mexico 87505
Attention: William Jones

Re: Determination of Non-Commerciality
Morrow Formation
Big Eddy Unit No. 218
Eddy County, New Mexico

Gentlemen:

Please find attached hereto worksheets and pertinent information explaining that the referenced well is not a commercial producer in the Morrow Formation. Should you be in agreement that the Morrow completion is not commercial, please signify by executing one (1) copy of this letter in the space provided below and returning same to the undersigned at your earliest convenience.

Thank you very much and should you have any questions or comments in regard to the attached commercial determination, please don't hesitate to contract the undersigned.

Very truly yours,



Brad Glasscock

BG:ca

Bureau of Land Management

New Mexico State Land Office

New Mexico Oil Conservation Division

By: _____

By: _____

By: _____

Its: _____

Its: _____

Its: _____

Date: _____

Date: _____

Date: _____

Brian Pessier
Amanda Jones

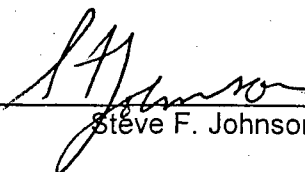
INTER-OFFICE MEMORANDUM
MIDLAND OFFICE

May 13, 2009

TO: FORT WORTH, FILES
FOR: FRANK ~~MC~~CREIGHT
FROM: STEVE F. JOHNSON
RE: COMMERCIAL DETERMINATION
BIG EDDY UNIT NO. 218
GOLDEN LANE (MORROW)
BIG EDDY UNIT
EDDY COUNTY, NEW MEXICO
FILE: 400-WF, BEU218CD.XLS

Attached are the worksheets and necessary attachments for the subject well to be submitted for commercial determination. The Big Eddy Unit #218 was drilled in 2008 to a TD of 12,439' and was completed in the Morrow.

The Big Eddy Unit No. 218 will not be a commercial well and should not receive a participating area. If additional information is required, please advise.


Steve F. Johnson

xc: Ross Sutton
George Hillis

cdp

WORKSHEET FOR COMMERCIAL DETERMINATION AND PARTICIPATING AREA IN FEDERAL UNITS

WELL DATA

WELL _____ BIG EDDY UNIT # 218 _____ FORMATION _____ MORROW _____
 LOCATION _____ D _____ UNIT, _____ 660 _____ FEET FROM NORTH LINE & _____ 660 _____ FEET FROM WEST LINE
 SECTION _____ 17 _____ TOWNSHIP _____ 22S _____ 29E _____ COUNTY _____ EDDY _____ NEW MEXICO
 SPUD DATE _____ 8/31/2007 _____ COMPLETION DATE _____ 12/22/2008 _____ INITIAL PRODUCTION _____ 12/22/2008
 PERFORATIONS _____ 11934-66', 12008-56', 12078-12102' _____

STIMULATION:

ACID _____

FRACTURE _____ 11934-12102' Acidize w/ 2500 gal 7.5% MSA Acid, Frac w/ 70Q CO2 Foam (377 Tons CO2 + 18224 gal 30# water)
 _____ 42500 gal 30# Puregel) + 100,000# 18/40 Versaprop _____

POTENTIAL _____ Flowed 0 BO 1923 MCF 4 BW _____

(Attach Copy of C-105. Attach Copy of Wellbore Sketch of Completed Well.)

VOLUMETRIC CALCULATION

	SANDS PERFORATED		SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE	
Area (A) proration unit size, acres	320	_____	_____	_____
Porosity (por), %	7%	_____	_____	_____
Water saturation (Sw), %	44%	_____	_____	_____
Net Thickness (h), ft.	45	_____	_____	_____
Temperature (T), Fahrenheit	171	_____	_____	_____
Bottom Hole pressure (P), psia	5,131	_____	_____	_____
Recovery factor (RF), %	75%	_____	_____	_____
Recoverable gas, BCF *(See eq. below)	0.8	_____	_____	_____

*Sometimes unable to match performance due to volumetric uncertainty.

Formula = $(7758) (A) (h) (por) (1-Sw)(RF)/Bgi$

Bgi = 0.61 RB/MCF

Continued

PERFORMANCE DATA

(If sufficient history exists, attach plot of oil production rate v time.)

CUMULATIVE PRODUCTION TO 03/31/2009 131,093 MCF Gas 57 BBL Oil

INITIAL RATE (qi) 1,157

ECONOMIC LIMIT (qi) 5

HYPERBOLIC DECLINE RATE, dy b = 1.001 d = 88.8

REMAINING GAS (Q) = 714,533

ULTIMATE RECOVERABLE GAS (mcf) 845,626

(Attach plot showing proration unit and participating area.)

ECONOMIC

GROSS WELL COST \$ 2,663,611 (to the depth of formation completed)

COMPLETION COST \$ 1,464,230

GROSS TOTAL COST \$ 4,127,841

YEAR	GROSS GAS MMCF	BFIT NET INCOME (\$M)	OPERATING COST (\$M) INCL SEV & AD VAL TAX	5% NET BFIT DISCOUNTED CASH FLOW
ZERO				
1	10.4	19.0	0	-5,174.5
2	283.9	324.3	60.53	174.2
3	108.9	207.9	39.48	354.2
4	69.2	159.1	29.54	249.8
5	51.0	124.2	23.93	170.3
6	40.2	100.1	20.31	118.2
7	33.3	84.0	17.95	85.3
8	28.4	72.9	16.3	63.7
9	24.8	64.7	15.08	48.8
10	21.9	58.2	14.11	37.9
REMAINDER	174	485.5	187.65	133.7
TOTAL	846	1,699.8	424.88	-3,738.5

WELL IS NOT COMMERCIAL

ECONOMIC PROJECTION

Date : 5/13/2009

Lior: 1189088

3:28:26PM

Project Name : Exp of RESERVEPROP

As Of Date : 12/01/2008

Lease Name : 1189088/BIG EDDY UNIT/218/MOR

Partner : 99999

Discount Rate (%) : 5.00

Reserv Cat. : Proved Producing

Case Type : LEASE CASE

1189088/BIG EDDY UNIT/218/MOR

Field : DUBLIN RANCH (MORROW)

Archive Set : BUD09Q2

Operator : BOPCO

Cum Oil (Mbbbl) : 0.00

Reservoir : MORROW

Cum Gas (MMcf) : 0.00

Co., State : EDDY, NM

Risk: 0.000 Inherited/ 0.000 Compounded
Sales

Year	Gross Wet Production		Gross Dry Gas & NGL				
	Oil (Mbbbl)	Wet Gas (MMcf)	Dry Gas (MMcf)	NGL (Mgal)	Oil (Mbbbl)	Gas (MMcf)	NGL (Mgal)
2008	0.000	10.427	10.427	0.000	0.000	4.404	0.000
2009	0.411	283.920	283.920	0.000	0.174	119.921	0.000
2010	0.236	108.890	108.890	0.000	0.100	45.993	0.000
2011	0.150	69.226	69.226	0.000	0.063	29.240	0.000
2012	0.111	50.991	50.991	0.000	0.047	21.538	0.000
2013	0.087	40.214	40.214	0.000	0.037	16.985	0.000
2014	0.072	33.275	33.275	0.000	0.030	14.055	0.000
2015	0.062	28.383	28.383	0.000	0.026	11.988	0.000
2016	0.054	24.811	24.811	0.000	0.023	10.480	0.000
2017	0.048	21.932	21.932	0.000	0.020	9.263	0.000

Rem	0.377	173.557	173.557	0.000	0.159	73.306	0.000
Total	1.608	845.626	845.626	0.000	0.679	357.173	0.000
Ult.	1.608	845.626					

Year	Average Price			Net Revenue			
	Oil (\$/bbl)	Gas (\$/Mcf)	NGL (\$/gal)	Oil (M\$)	Gas (M\$)	NGL (M\$)	Total (M\$)
2008	0.00	4.32	0.00	0.00	19.03	0.00	19.03
2009	49.72	2.63	0.00	8.64	315.61	0.00	324.25
2010	60.38	4.39	0.00	6.03	201.82	0.00	207.85
2011	65.66	5.30	0.00	4.17	154.95	0.00	159.12
2012	67.93	5.62	0.00	3.17	121.04	0.00	124.22
2013	69.29	5.74	0.00	2.55	97.50	0.00	100.05
2014	70.73	5.82	0.00	2.16	81.84	0.00	83.99
2015	71.90	5.92	0.00	1.87	70.99	0.00	72.86
2016	73.40	6.02	0.00	1.67	63.04	0.00	64.71
2017	74.84	6.12	0.00	1.50	56.73	0.00	58.23
Rem	75.75	6.46	0.00	12.05	473.46	0.00	485.51
Total	64.52	4.64	0.00	43.81	1,656.00	0.00	1,699.81

Year	Expenditures				Future Net Revenue			
	Total Sev Taxes (M\$)	Total Adv Taxes (M\$)	Net Investments (M\$)	Total Net Opcosts (M\$)	Annual (M\$)	Cumulative (M\$)	Disc. Ann. CF 5.00 % (M\$)	Cum. Disc. CF 5.00 % (M\$)
2008	0.00	0.00	2,063.77	0.00	-2,044.74	-2,044.74	-2,044.79	-2,044.79
2009	20.65	0.51	0.00	39.37	263.72	-1,781.03	257.86	-1,786.93
2010	16.96	0.42	0.00	22.10	168.38	-1,612.65	156.08	-1,630.84
2011	12.99	0.32	0.00	16.23	129.58	-1,483.06	114.40	-1,516.44
2012	10.14	0.25	0.00	13.54	100.29	-1,382.77	84.31	-1,432.13
2013	8.17	0.20	0.00	11.94	79.74	-1,303.03	63.83	-1,368.30
2014	6.86	0.17	0.00	10.92	66.05	-1,236.98	50.35	-1,317.95
2015	5.95	0.15	0.00	10.20	56.57	-1,180.42	41.07	-1,276.88
2016	5.28	0.13	0.00	9.67	49.63	-1,130.78	34.31	-1,242.57
2017	4.75	0.12	0.00	9.24	44.12	-1,086.66	29.04	-1,213.53
Rem	39.63	0.97	0.00	147.05	297.85	297.85	149.47	149.47
Total	131.36	3.22	2,063.77	290.27	-788.81	-788.81	-1,064.06	-1,064.06

Major Phase : Gas
Perfs : 0 0
Initial Rate : 52,642.00 Mcf/month
Abandonment : 204.97 Mcf/month
Initial Decline : 88.81 % year b = 1.001
Bee Ratio : 0.00 bbl/Mcf
End Ratio : 0.00 bbl/Mcf
Forecast Start : 02/01/2009

Working Int : 0.50000000
Revenue Int : 0.42237636
Disc. Initial Invest. (m\$) : 2,063.770
Internal ROR (%) : >1000.0
ROIInvestment (disc/undisc) : 0.48 / 0.62
Years to Payout : 0.00
Abandonment Date : 03/27/2038

Present Worth Profile (M\$)
5.00% : -1,064.06
9.00% : -1,202.04
10.00% : -1,229.53
12.00% : -1,278.30
15.00% : -1,339.06
20.00% : -1,416.93
30.00% : -1,520.94
40.00% : -1,587.98
50.00% : -1,635.27
60.00% : -1,670.69

Initial 1st Rev. 2nd Rev.
Working Interest : 0.50000000 0.00000000 0.00000000
Revenue Interest : 0.42237636 0.00000000 0.00000000
Rev. Date :

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate ↓	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones or porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				T/RUSTLER	NA
				T/SALADO	420'
				T/DELAWARE MTN. GROUP	2425'
				T/BELL CANYON	2510'
				T/BONE SPRING	5892'
				T/WOLFCAMP	9346'
				T/STRAWN	10617'
				T/ATOKA	11010'
				T/MORROW	11610'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geological Report
 ☐ DST Report
 ☐ Directional Survey
 ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other Inclination Report

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Ann MooreTitle Sr. Regulatory ClerkSignature Ann MooreDate 01/16/2009

Title 18 U.S.C. Section 101 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 and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DISTRICT I

1825 N. French Dr., Hobbs, NM 88240

DISTRICT II

1301 W. Grand Avenue, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Artesia, NM 87410

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, 2006

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-36297	Pool Code 76140	Pool Name Dublin Ranch, Morrow
Property Code 1776	Property Name BIG EDDY UNIT	Well Number 218
OGRID No. 001801	Operator Name BOPCO, L. P.	Elevation 3081'

Surface Location

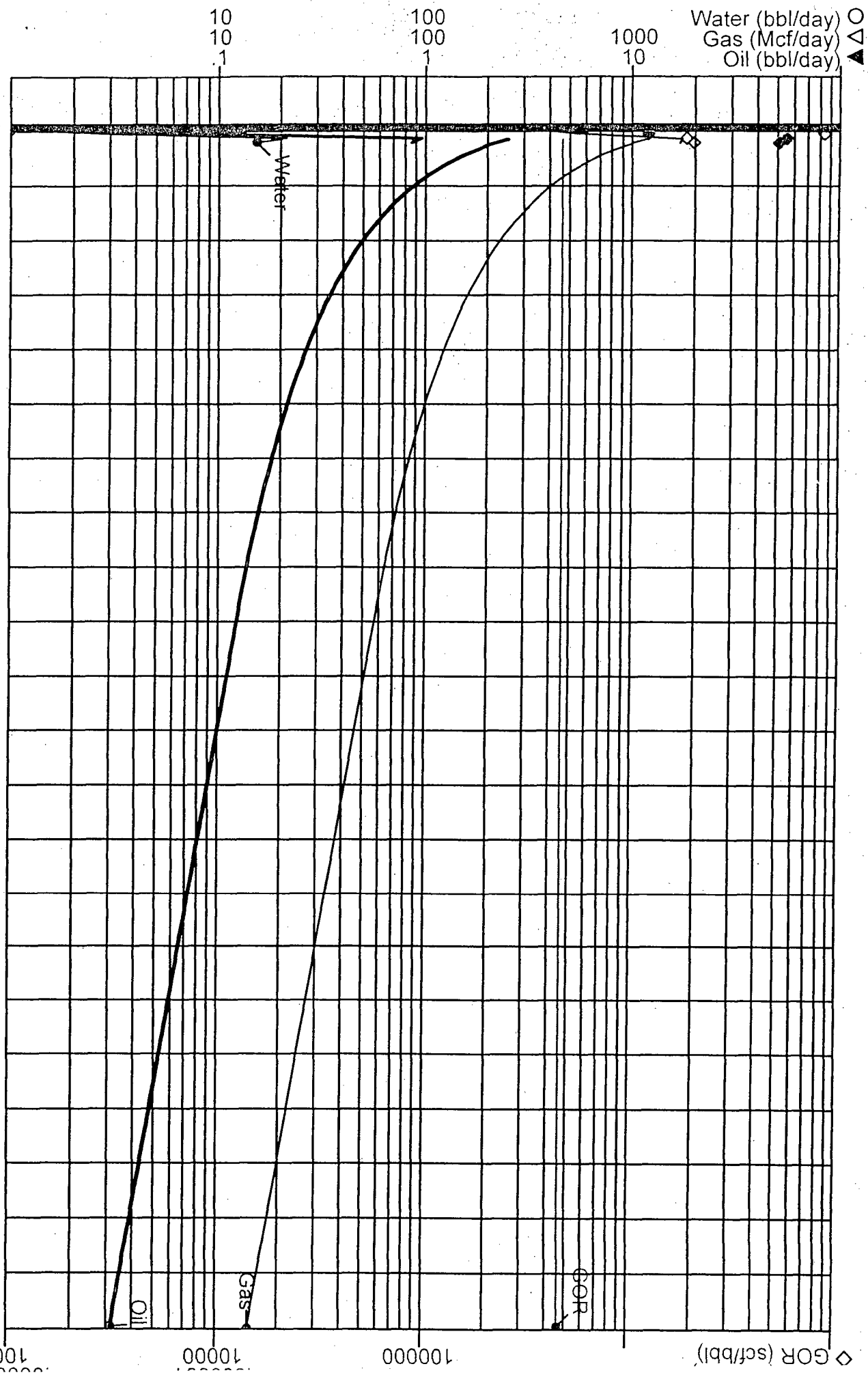
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	17	22 S	28 E		660	NORTH	660	WEST	EDDY

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	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

	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. Signature: <i>[Signature]</i> Date: 2/24/08 Stephen Martinez 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. JANUARY 11, 2008 Date Surveyed: <i>[Signature]</i> Signature of Surveyor: <i>[Signature]</i> Professional Surveyor Certificate No. Gary L. Jones 7977 BASIN SURVEYS



Hist Gas Cum: 0.00 MMcf
 Gas Rem: 845.63 MMcf
 Gas EUR: 845.63 MMcf

Hist Oil Cum: 0.00 Mbt
 Oil Rem: 1.61 Mbt
 Oil EUR: 1.61 Mbt

CURRENT WELLBORE DIAGRAM

Lease: **Big Eddy Unit** Well No.: **218**
 Field: **Dublin Ranch (Morrow) Field**
 Location: **660' FNL & 660' FWL of SEC 17, T22S, R28E**
 County: **Eddy** St: **NM** API: **30-015-36297**

KB: 3099' (est)
 GL: 3081'
 Spud Date: 8/31/2008
 Compl. Date: 12/17/2008

Surface Csg.

Size: 13-3/8"
 Wt: 48#
 Grd: H-40
 Set @: 424'
 Sxs cmt: 600 sx Class "C"
 Circ: Yes 189 sx
 TOC: Surface
 Hole Size: 17-1/2"

Intermediate Csg.

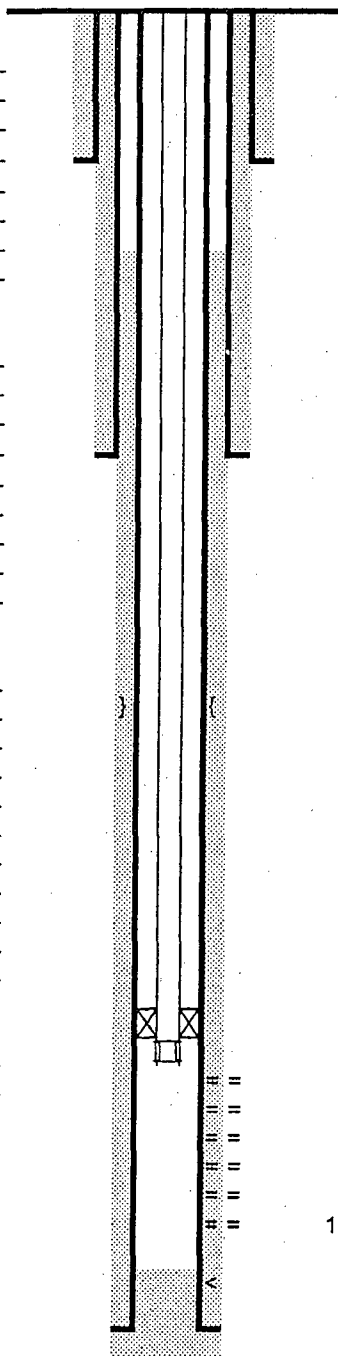
Size: 9-5/8"
 Wt: 40#
 Grd: HCP110 2872.1'
 HCL80 6058.8'
 Set @: 6060'
 Sxs Cmt: 2190 sx Class C & H
 Circ: Yes 490 sx
 TOC: Surface
 Hole Size: 12-1/4"

Production Csg.

Size: 5-1/2"
 Wt: 17# 20#
 Grd: HCP-110 P-110
 Set @: 10,238' 12,431'
 Stage 1: 1125 sx VersaCem
 Circ: Y 291 sx
 TOC: 8887'
 Stage 2: 700 sx Econocem/Versacem
 Circ: Y
 TOC: 5500'
 Hole Size: 8-3/4"

Tubing

1 jt 2-3/8", 4.7# tbg, 8' Pup jt, 4' Pup jt,
 363 jts 2 3/8", 4.7# tbg, On/Off con, Pkr @
 11887.4', 8' Pup jt, SN @ 11903.98', 8' Pup
 jt, Pump Out Plug @ 11913'



X: 567334.7
 Y: 508607.12
 Lat: 32° 23' 53.40" N
 Long: 104° 06' 58.95" W

424' 13-3/8" (Csg Dtl)

5500' TOC

6060' 9-5/8" Csg Detail

8885' DV tool

11887' Baker Hornet Pkr
 11903' SN/ EOT 11913.4'
 11934-48' M Morrow (23 holes)
 11958-66' (14 holes)
 12008-16' (14 holes)
 12046-56' (17 holes)
 12078-84' (11 holes)
 12099-102' (6 holes)
 12349' Float Collar (by Csg Detail)
 12431' 5 1/2" Csg Shoe (by Csg Detail)

PBTD: 12349'
 TD: 12432'
 TD: 12439'

Float Collar
 (Drillers TD)
 (Loggers TD)

Updated: 2/26/2009
 Author: ezg
 Engr: SSM

Brian Ressler
Amanda Jones

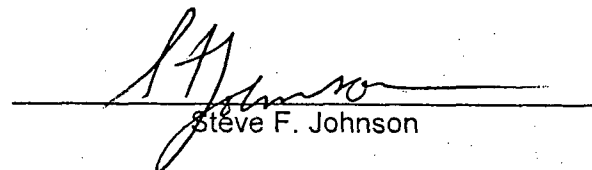
INTER-OFFICE MEMORANDUM
MIDLAND OFFICE

May 13, 2009

TO: FORT WORTH, FILES
FOR: FRANK MCCREIGHT
FROM: STEVE F. JOHNSON
RE: COMMERCIAL DETERMINATION
BIG EDDY UNIT NO. 218
GOLDEN LANE (MORROW)
BIG EDDY UNIT
EDDY COUNTY, NEW MEXICO
FILE: 400-WF, BEU218CD.XLS

Attached are the worksheets and necessary attachments for the subject well to be submitted for commercial determination. The Big Eddy Unit #218 was drilled in 2008 to a TD of 12,439' and was completed in the Morrow.

The Big Eddy Unit No. 218 will not be a commercial well and should not receive a participating area. If additional information is required, please advise.


Steve F. Johnson

xc: Ross Sutton
George Hillis

cdp

WORKSHEET FOR COMMERCIAL DETERMINATION AND PARTICIPATING AREA IN FEDERAL UNITS

WELL DATA

WELL _____ BIG EDDY UNIT # 218 _____ FORMATION _____ MORROW _____
 LOCATION _____ D _____ UNIT, _____ 660 _____ FEET FROM NORTH LINE & _____ 660 _____ FEET FROM WEST LINE
 SECTION _____ 17 _____ TOWNSHIP _____ 22S _____ 29E _____ COUNTY _____ EDDY _____ NEW MEXICO
 SPUD DATE _____ 8/31/2007 _____ COMPLETION DATE _____ 12/22/2008 _____ INITIAL PRODUCTION _____ 12/22/2008 _____
 PERFORATIONS _____ 11934-66', 12008-56', 12078-12102' _____

STIMULATION:

ACID _____

FRACTURE _____ 11934-12102' Acidize w/ 2500 gal 7.5% MSA Acid, Frac w/ 70Q CO2 Foam (377 Tons CO2 + 18224 gal 30# water
 42500 gal 30# Puregel) + 100,000# 18/40 Versaprop _____

POTENTIAL _____ Flowed 0 BO 1923 MCF 4 BW _____

(Attach Copy of C-105. Attach Copy of Wellbore Sketch of Completed Well.)

VOLUMETRIC CALCULATION

	SANDS PERFORATED	SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE
Area (A) proration unit size, acres	320	
Porosity (por), %	7%	
Water saturation (Sw), %	44%	
Net Thickness (h), ft.	45	
Temperature (T), Fahrenheit	171	
Bottom Hole pressure (P), psia	5,131	
Recovery factor (RF), %	75%	
Recoverable gas, BCF *(See eq. below)	0.8	

*Sometimes unable to match performance due to volumetric uncertainty.

Formula = $(7758) (A) (h) (por) (1-Sw)(RF)/Bgi$

Bgi = 0.61 RB/MCF

Continued

PERFORMANCE DATA

(If sufficient history exists, attach plot of oil production rate v time.)

CUMULATIVE PRODUCTION TO 03/31/2009 131,093 MCF Gas 57 BBL Oil

INITIAL RATE (qi) 1,157

ECONOMIC LIMIT (qi) 5

HYPERBOLIC DECLINE RATE, dy b = 1.001 d = 88.8

REMAINING GAS (Q) = 714,533

ULTIMATE RECOVERABLE GAS (mcf) 845,626

(Attach plot showing proration unit and participating area.)

ECONOMIC

GROSS WELL COST \$ 2,663,611 (to the depth of formation completed)

COMPLETION COST \$ 1,464,230

GROSS TOTAL COST \$ 4,127,841

YEAR	GROSS GAS MMCF	BFIT NET INCOME (\$M)	OPERATING COST (\$M) INCL SEV & AD VAL TAX	5% NET BFIT DISCOUNTED CASH FLOW
ZERO				
1	10.4	19.0	0	-5,174.5
2	283.9	324.3	60.53	174.2
3	108.9	207.9	39.48	354.2
4	69.2	159.1	29.54	249.8
5	51.0	124.2	23.93	170.3
6	40.2	100.1	20.31	118.2
7	33.3	84.0	17.95	85.3
8	28.4	72.9	16.3	63.7
9	24.8	64.7	15.08	48.8
10	21.9	58.2	14.11	37.9
REMAINDER	174	485.5	187.65	133.7
TOTAL	846	1,699.8	424.88	-3,738.5

WELL IS NOT COMMERCIAL

ECONOMIC PROJECTION

Date : 5/13/2009

Lior: 1189088

3:28:26PM

Project Name : Exp of RESERVEPROP

As Of Date : 12/01/2008

Lease Name : 1189088/BIG EDDY UNIT/218/MOR

Partner : 99999

Discount Rate (%) : 5.00

Reserv Cat : Proved Producing

Case Type : LEASE CASE

Field : DUBLIN RANCH (MORROW)

Archive Set : BUD09Q2

1189088/BIG EDDY UNIT/218/MOR

Operator : BOPCO

Cum Oil (Mbbbl) : 0.00

Reservoir : MORROW

Cum Gas (MMcf) : 0.00

Co., State : EDDY, NM

Risk: 0.000 Inherited/ 0.000 Compounded

Year	Gross Wet Production		Gross Dry Gas & NGL		Sales		
	Oil (Mbbbl)	Wet Gas (MMcf)	Dry Gas (MMcf)	NGL (Mgal)	Oil (Mbbbl)	Gas (MMcf)	NGL (Mgal)
2008	0.000	10.427	10.427	0.000	0.000	4.404	0.000
2009	0.411	283.920	283.920	0.000	0.174	119.921	0.000
2010	0.236	108.890	108.890	0.000	0.100	45.993	0.000
2011	0.150	69.226	69.226	0.000	0.063	29.240	0.000
2012	0.111	50.991	50.991	0.000	0.047	21.538	0.000
2013	0.087	40.214	40.214	0.000	0.037	16.985	0.000
2014	0.072	33.275	33.275	0.000	0.030	14.055	0.000
2015	0.062	28.383	28.383	0.000	0.026	11.988	0.000
2016	0.054	24.811	24.811	0.000	0.023	10.480	0.000
2017	0.048	21.932	21.932	0.000	0.020	9.263	0.000

Rem	0.377	173.557	173.557	0.000	0.159	73.306	0.000
Total	1.608	845.626	845.626	0.000	0.679	357.173	0.000
Ult.	1.608	845.626					

Year	Average Price			Net Revenue			
	Oil (\$/bbl)	Gas (\$/Mcf)	NGL (\$/gal)	Oil (M\$)	Gas (M\$)	NGL (M\$)	Total (M\$)
2008	0.00	4.32	0.00	0.00	19.03	0.00	19.03
2009	49.72	2.63	0.00	8.64	315.61	0.00	324.25
2010	60.38	4.39	0.00	6.03	201.82	0.00	207.85
2011	65.66	5.30	0.00	4.17	154.95	0.00	159.12
2012	67.93	5.62	0.00	3.17	121.04	0.00	124.22
2013	69.29	5.74	0.00	2.55	97.50	0.00	100.05
2014	70.73	5.82	0.00	2.16	81.84	0.00	83.99
2015	71.90	5.92	0.00	1.87	70.99	0.00	72.86
2016	73.40	6.02	0.00	1.67	63.04	0.00	64.71
2017	74.84	6.12	0.00	1.50	56.73	0.00	58.23
Rem	75.75	6.46	0.00	12.05	473.46	0.00	485.51
Total	64.52	4.64	0.00	43.81	1,656.00	0.00	1,699.81

Year	Expenditures				Future Net Revenue			
	Total Sev Taxes (M\$)	Total Adv Taxes (M\$)	Net Investments (M\$)	Total Net Opcosts (M\$)	Annual (M\$)	Cumulative (M\$)	Disc. Ann. CF 5.00 % (M\$)	Cum. Disc. CF 5.00 % (M\$)
2008	0.00	0.00	2,063.77	0.00	-2,044.74	-2,044.74	-2,044.79	-2,044.79
2009	20.65	0.51	0.00	39.37	263.72	-1,781.03	257.86	-1,786.93
2010	16.96	0.42	0.00	22.10	168.38	-1,612.65	156.08	-1,630.84
2011	12.99	0.32	0.00	16.23	129.58	-1,483.06	114.40	-1,516.44
2012	10.14	0.25	0.00	13.54	100.29	-1,382.77	84.31	-1,432.13
2013	8.17	0.20	0.00	11.94	79.74	-1,303.03	63.83	-1,368.30
2014	6.86	0.17	0.00	10.92	66.05	-1,236.98	50.35	-1,317.95
2015	5.95	0.15	0.00	10.20	56.57	-1,180.42	41.07	-1,276.88
2016	5.28	0.13	0.00	9.67	49.63	-1,130.78	34.31	-1,242.57
2017	4.75	0.12	0.00	9.24	44.12	-1,086.66	29.04	-1,213.53
Rem	39.63	0.97	0.00	147.05	297.85	297.85	149.47	149.47
Total	131.36	3.22	2,063.77	290.27	-788.81	-788.81	-1,064.06	-1,064.06

Major Phase : Gas
 Perfs : 0 0
 Initial Rate : 52,642.00 Mcf/month
 Abandonment : 204.97 Mcf/month
 Initial Decline : 88.81 % year b = 1.001
 Beg Ratio : 0.00 bbl/Mcf
 End Ratio : 0.00 bbl/Mcf
 Forecast Start : 02/01/2009

Working Int : 0.50000000
 Revenue Int : 0.42237636
 Disc. Initial Invest. (m\$) : 2,063.770
 Internal ROR (%) : >1000.0
 ROI Investment (disc/undisc) : 0.48 / 0.62
 Years to Payout : 0.00
 Abandonment Date : 03/27/2038

Present Worth Profile (M\$)

5.00% : -1,064.06
 9.00% : -1,202.04
 10.00% : -1,229.53
 12.00% : -1,278.30
 15.00% : -1,339.06
 20.00% : -1,416.93
 30.00% : -1,520.94
 40.00% : -1,587.98
 50.00% : -1,635.27
 60.00% : -1,670.69

Initial 1st Rev. 2nd Rev.
 Working Interest : 0.50000000 0.00000000 0.00000000
 Revenue Interest : 0.42237636 0.00000000 0.00000000
 Rev. Date :

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other _____

2. Name of Operator
BOPCO, L. P.

3. Address
P. O. BOX 2760 Midland TX 79705

3.a Phone No. (Include area code)
(432)683-2277

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At Surface UL D, 660' FNL, 660' FWL, LAT. N 32.398167, LONG W 104.116375
At top prod. interval reported below SAME
At total depth SAME

14. Date Spudded
08/31/2008

15. Date T.D. Reached
10/20/2008

16. Date Completed
☐ D & A ☒ Ready to Prod.
12/22/2008

18. Total Depth: MD 12439'
TVD

19. Plug Back T.D.: MD 12349'
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)
LDT-CNL-GR; HLA-CFL-GR

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8"	48#	0'	424'		600 SXS		0' CIRC.	
12-1/4"	9-5/8"	36#	0'	6060'		2190 SXS		0' CIRC	
8-3/4"	5-1/2"	17 & 20#	0"	12431'	8885'	1125 STG 1		8885' CIRC	
						700 STG 2		5500'	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
NA								

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Morrow	11610'	12439'	11934-66'	0.380"	37	PRODUCING
B)			12008-56'	0.038"	31	PRODUCING
C)			12078-12102'	0.038"	17	PRODUCING
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
11934'-12102'	STIMULATE PERFS W/ 2500 GALS 7.5% MSA ACID. FRAC W/70Q CO2 FOAM (377 TONS CO2 + 18224 GALS 30# WATER + 42500 GALS 30# PUREGEL) + 100,000#S 18/40 VERSAPROP.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12/22/08	01/14/09	24	→	0	1923	4			FLOWING
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
16/64"	SI	1275	→				NA	Producing	

Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
	SI		→						

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones or porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				T/RUSTLER	NA
				T/SALADO	420'
				T/DELAWARE MTN. GROUP	2425'
				T/BELL CANYON	2510'
				T/BONE SPRING	5892'
				T/WOLFCAMP	9346'
				T/STRAWN	10617'
				T/ATOKA	11010'
				T/MORROW	11610'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geological Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
☒ Other Inclination Report

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Ann MooreTitle Sr. Regulatory ClerkSignature Ann MooreDate 01/16/2009

Title 18 U.S.C. Section 101 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 and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DISTRICT I

1826 N. French Dr., Hobbs, NM 88240

DISTRICT II

1301 W. Grand Avenue, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Artesia, NM 87410

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 87505

Form C-102

Revised October 12, 2006

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-36297	Pool Code 76140	Pool Name Dublin Ranch, Merced
Property Code 1776	Property Name BIG EDDY UNIT	Well Number 218
OGRID No. 001801	Operator Name BOPCO, L. P.	Elevation 3081'

Surface Location

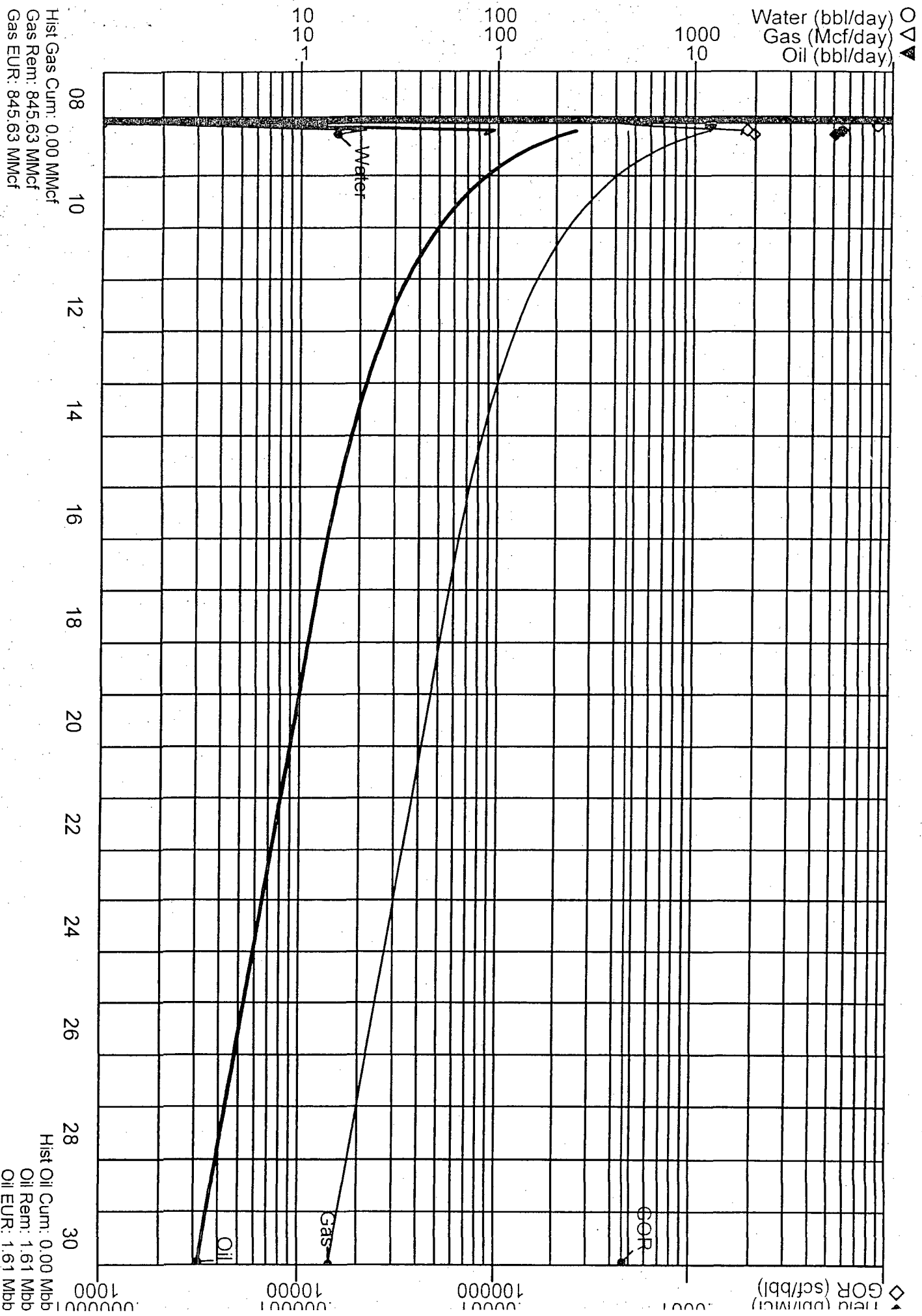
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	17	22 S	28 E		660	NORTH	660	WEST	EDDY

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	Joint or Infill	Consolidation Code	Order No.						
320	N								

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 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. Signature: <u>[Signature]</u> Date: <u>2/2/08</u> Stephen Martinez 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. JANUARY 11 2008 Date Surveyed: <u>[Signature]</u> Signature: <u>[Signature]</u> Professional Surveyor Certificate No. Gary L. Jones 7977 BASIN SURVEYS



CURRENT WELLBORE DIAGRAM

Lease: **Big Eddy Unit**

Well No.: **218**

Field: **Dublin Ranch (Morrow) Field**

Location: **660' FNL & 660' FWL of SEC 17, T22S, R28E**

County: **Eddy** St: **NM**

API: **30-015-36297**

KB: 3099' (est)
GL: 3081'
Spud Date: 8/31/2008
Compl. Date: 12/17/2008

Surface Csg.

Size: 13-3/8"
Wt 48#
Grd. H-40
Set @: 424'
Sxs cmt: 600 sx Class "C"
Circ: Yes 189 sx
TOC: Surface
Hole Size: 17-1/2"

Intermediate Csg.

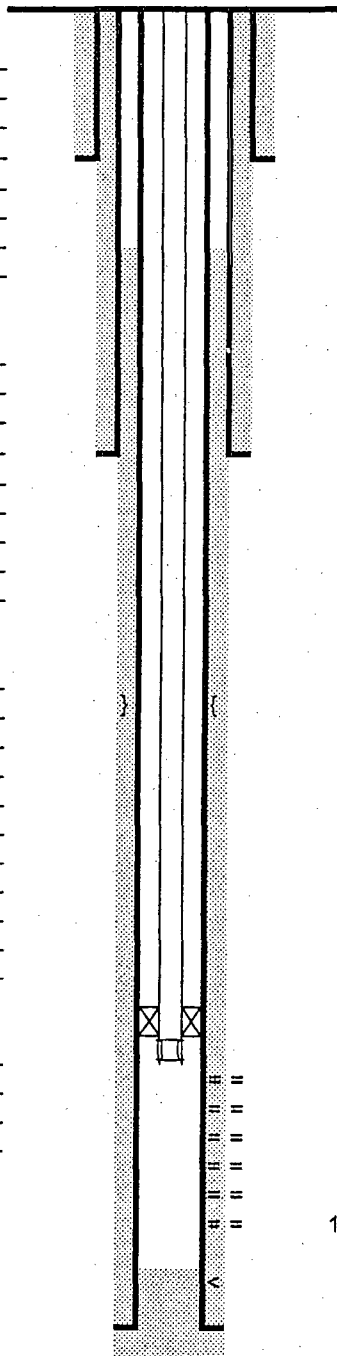
Size: 9-5/8"
Wt 40#
Grd HCP110 2872.1'
HCL80 6058.8'
Set @: 6060'
Sxs Cmt: 2190 sx Class C & H
Circ: Yes 490 sx
TOC: Surface
Hole Size: 12-1/4"

Production Csg.

Size: 5-1/2"
Wt 17# 20#
Grd HCP-110 P-110
Set @: 10,238' 12,431'
Stage 1: 1125 sx VersaCem
Circ: Y 291 sx
TOC: 8887'
Stage 2: 700 sx Econocem/Versacem
Circ: Y
TOC: 5500'
Hole Size: 8-3/4"

Tubing

1 jt 2-3/8", 4.7# tbg, 8' Pup jt, 4' Pup jt,
363 jts 2 3/8", 4.7# tbg, On/Off con, Pkr @
11887.4', 8' Pup jt, SN @ 11903.98', 8' Pup
jt, Pump Out Plug @ 11913'



424' 13-3/8" (Csg Dtl) X: 567334.7
Y: 508607.12
Lat: 32° 23' 53.40" N
Long: 104° 06' 58.95" W

5500' TOC

6060' 9-5/8" Csg Detail

8885' DV tool

11887' Baker Hornet Pkr

11903' SN/ EOT 11913.4'

11934-48' M Morrow (23 holes)

11958-66' (14 holes)

12008-16' (14 holes)

12046-56' (17 holes)

12078-84' (11 holes)

12099-102' (6 holes)

12349' Float Collar (by Csg Detail)

12431' 5 1/2" Csg Shoe (by Csg Detail)

PBTD: 12349'

TD: 12432'

TD: 12439'

Float Collar
(Drillers TD)
(Loggers TD)

Updated: 2/26/2009

Author: ezg

Engr: SSM