

BASS ENTERPRISES PRODUCTION CO.

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

RECEIVED

October 26, 2004

OCT 28 2004

#365

OIL CONSERVATION
DIVISION

FEDERAL EXPRESS

Bureau of Land Management
Roswell District Office
2909 W. 2nd Street
Roswell, New Mexico 88201
Attn: Ms. Alexis Swoboda

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: Roy Johnson

Re: Commercial Determination
Big Eddy Unit #150
Strawn Formation
Eddy County, New Mexico

Gentlemen:

Please find attached hereto one (1) copy of Bass' commercial determination worksheets and exhibits which indicate that the subject well is a commercial well in the Strawn Formation. In the near future, Bass will submit geological information and production data, including subsurface maps in order to create a participating area. Please indicate your concurrence to the above Commercial Determination. 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,


J. Wayne Bailey

JWB:ca

Bureau of Land Management

New Mexico State Land Office

New Mexico Oil Conservation Division

By: _____
Its: _____
Date: _____

By: _____
Its: _____
Date: _____

By: _____
Its: _____
Date: _____

**WORKSHEET FOR COMMERCIAL DETERMINATION
AND PARTICIPATING AREA IN FEDERAL UNITS**

WELL DATA

WELL BIG EDDY UNIT #150 FORMATION STRAWN
 LOCATION UNIT, 1980 FEET FROM SOUTH LINE & 1980 FEET FROM WEST LINE
 SECTION 17 TOWNSHIP 21S, RANGE 28E, COUNTY EDDY, NEW MEXICO
 SPUD DATE 1/28/2004 COMPLETION DATE 6/29/2004 INITIAL PRODUCTION 6/29/2004
 PERFORATIONS 10710-10814'

STIMULATION:

Acid - 1000 gals 15% NEFE

POTENTIAL 154 BOPD, 507 BWPD, 4151 MCFPD, 1520 PSIG TP

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

VOLUMETRIC CALCULATION

	INTERVALS PERFORATED	INTERVALS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE
Area (A) proration unit size, acres	<u>320</u>	_____
Porosity (por), %	<u>8%</u>	_____
Water saturation (Sw), %	<u>30%</u>	_____
Net Thickness (h), ft.	<u>12</u>	_____
Temperature (T), Fahrenheit	<u>165</u>	_____
Bottom Hole pressure (P), psia	<u>3,800</u>	_____
Recovery factor (RF), %	<u>75%</u>	_____
Recoverable gas, BCF *(See eq. below)	<u>1.7</u>	_____

*Sometimes unable to match performance due to volumetric uncertainty.

Formula = $(7758) (A) (h) (por) (1-Sw) (RF) / B_{gi}$

$B_{gi} = 0.73 \text{ RB/MCF}$

Continued

PERFORMANCE DATA

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

CUMULATIVE PRODUCTION TO 8/31/2004 368,301 MCF Gas 15,466 BBL Oil
 INITIAL RATE (qi) 7,000
 ECONOMIC LIMIT (ql) 100
 HYPERBOLIC DECLINE RATE, dy b = 0., d = 56.8%/yr
 REMAINING GAS (Q) = 2,595,059
 ULTIMATE RECOVERABLE GAS (mcf) 2,963,360

(Attach plat showing proration unit and participating area.)

ECONOMIC

GROSS WELL COST \$ \$1,155,448 (to the depth of formation completed)

RECOMPLETION COST \$ 314,989

GROSS TOTAL COST \$ \$1,470,437

YEAR	GROSS GAS MMCF	BFIT NET INCOME (\$M)	OPERATING COST (\$M) INCL SEV & AD VAL TAX	10% NET BFIT DISCOUNTED CASH FLOW
ZERO				0.0
1	1,013.5	5,383.3	736.9	2,824.4
2	1,132.4	5,220.0	761.5	3,848.8
3	489.1	2,254.7	328.9	1,504.3
4	211.3	973.9	142.1	588.0
5	91.4	421.4	61.5	230.2
6	25.7	118.7	17.3	59.7
7	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0
REMAINDER	0	0.0	0.0	0.0
TOTAL	2,963	14,372	2,048	9,055

WELL IS COMMERCIAL

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

State of New Mexico

Form C-102
Revised March 17, 1999

DISTRICT II
511 South First, Artesia, NM 88210

Energy, Minerals and Natural Resources Department

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

OIL CONSERVATION DIVISION

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

BEPKO - WID PRODUCTION
JUL 06 2004
RECEIVED

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-33231	Pool Code 24340	Pool Name Fenton Draw - Strawn
Property Code 001776	Property Name BIG EDDY UNIT	Well Number 150
OGRID No. 001801	Operator Name Bass Enterprises Production Co. NADEL AND GUSSMAN PERMIAN, L.L.C.	Elevation 3196'

Surface Location

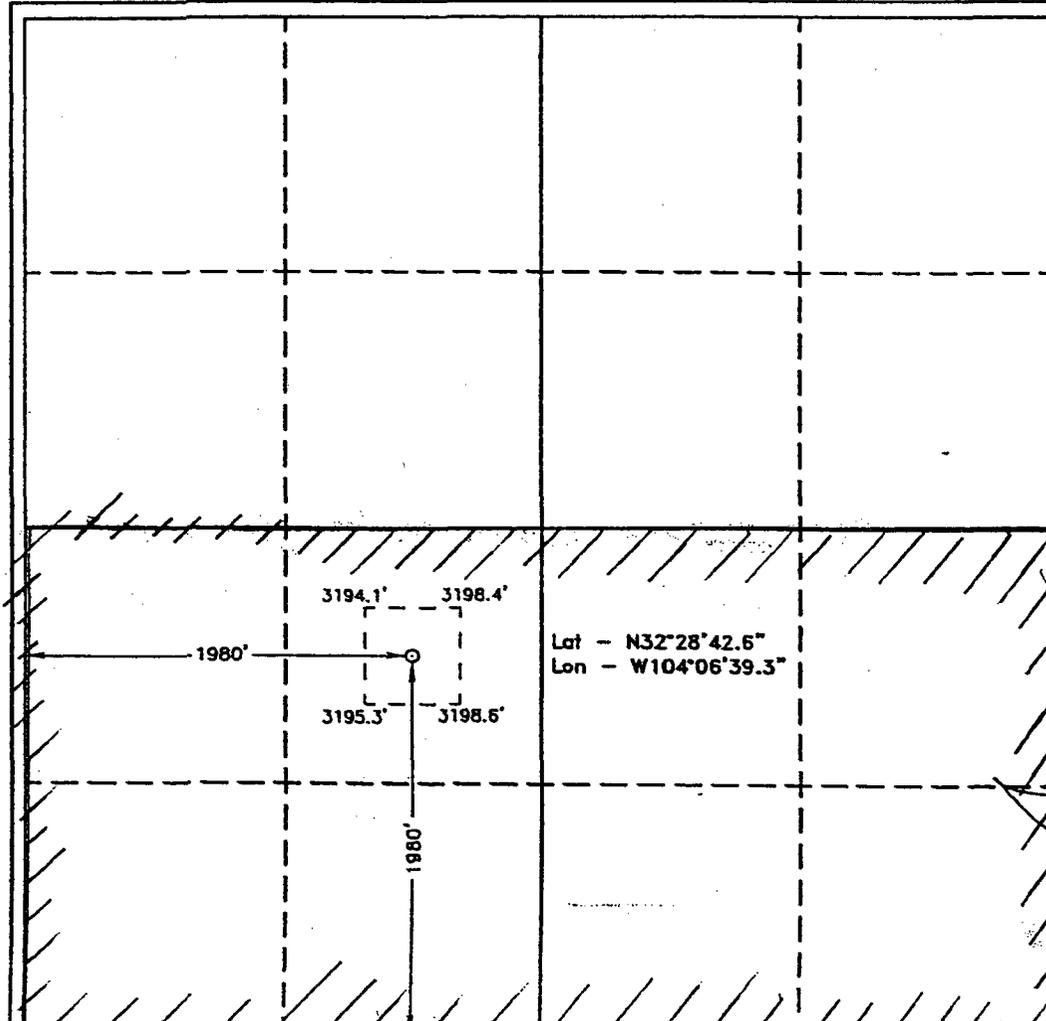
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	17	21 S	28 E		1980	SOUTH	1980	WEST	EDDY

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	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.

Gordon Barker
Signature

GORDON BARKER
Printed Name

OPERATIONS MGR
Title

12/8/03
Date

SURVEYOR CERTIFICATION

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

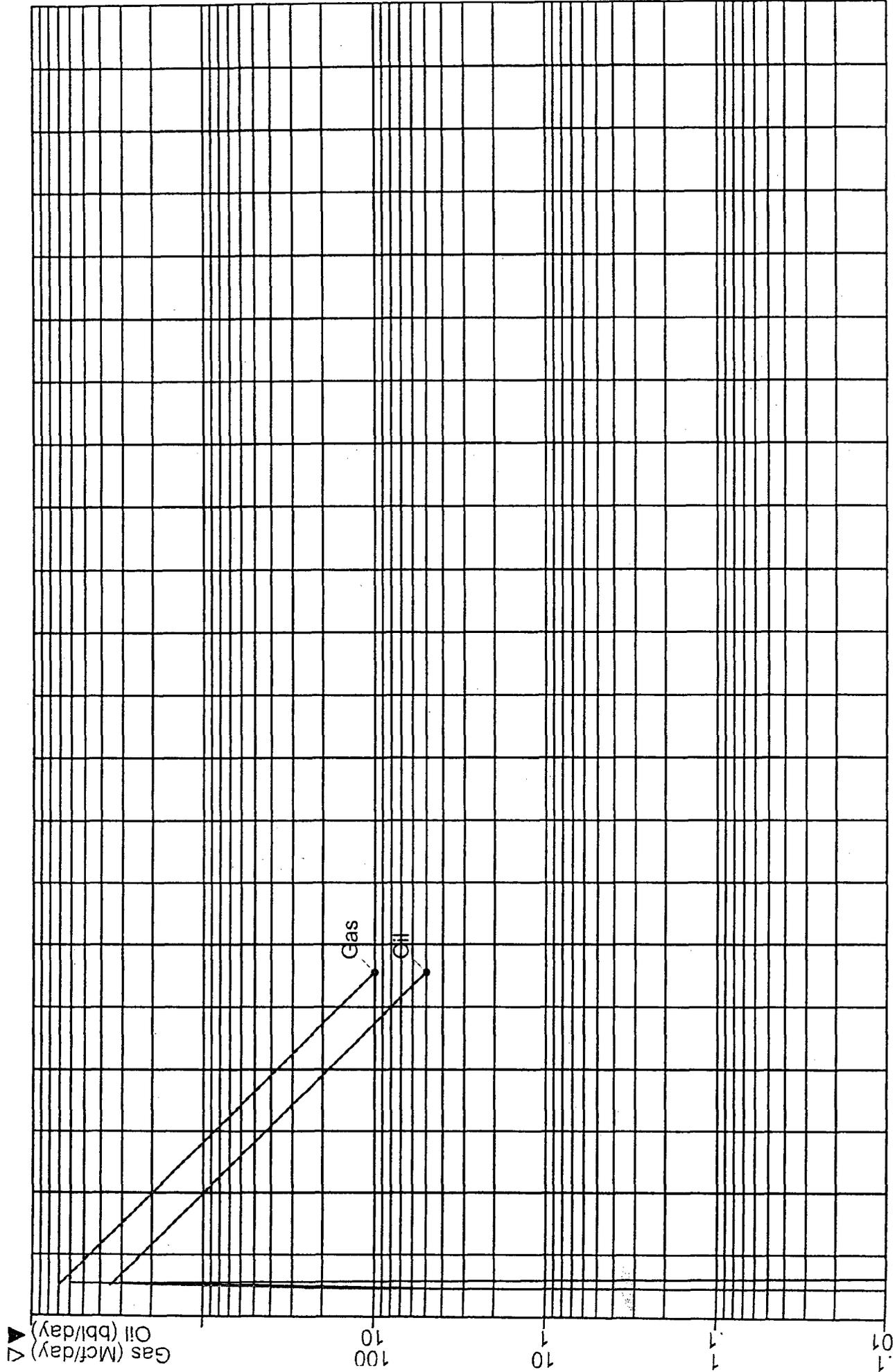
OCTOBER 14, 2003
Date Surveyed

Gary L. Jones
Signature

Professional Surveyor
Seal of ONEs
NEW MEXICO
W.O. No. 274270
Certificate No. Gary L. Jones 7977

BIG EDDY UNIT #150
 FENTON DRAW (STRAWN)
 STRAWN

BEPCO
 EDDY, NM
 Gas



Hist Oil Cum: 9.48 Mbbl
 Oil Rem: 129.78 Mbbl
 Oil EUR: 139.26 Mbbl

Hist Gas Cum: 367.84 MMcf
 Gas Rem: 2,595.52 MMcf
 Gas EUR: 2,963.36 MMcf

ECONOMIC PROJECTION

Date : 09/21/2004

Lior: 1189064

4:07:41PM

Project Name : PROPZONE Extract-Creating new PHDWi
 Partner : All Cases
 Case Type : LEASE CASE
 Archive Set : ENGR

As Of Date : 01/01/2004
 Discount Rate (%) : 10.00
 1189064/BIG EDDY UNIT/STR

Lease Name : 1189064/BIG EDDY UNIT/STR
 Reserv 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)
2004	41.766	1,013.519	1,013.519	0.000	31.325	760.139	0.000
2005	56.618	1,132.352	1,132.352	0.000	42.463	849.264	0.000
2006	24.455	489.093	489.093	0.000	18.341	366.819	0.000
2007	10.563	211.252	211.252	0.000	7.922	158.439	0.000
2008	4.570	91.405	91.405	0.000	3.428	68.554	0.000
2009	1.287	25.739	25.739	0.000	0.965	19.305	0.000

SubTotal	139.258	2,963.359					
Rem	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total	139.258	2,963.359	2,963.359	0.000	104.444	2,222.519	0.000
Ult.	139.258	2,963.359					

Year	Average Price			Net Revenue			
	Oil \$/BBL	Gas \$/MCF	NGL \$/Gal	Oil (M\$)	Gas (M\$)	NGL (M\$)	Total (M\$)
2004	43.68	5.28	0.00	1,368.263	4,015.052	0.000	5,383.315
2005	34.33	4.43	0.00	1,457.795	3,762.239	0.000	5,220.034
2006	34.33	4.43	0.00	629.660	1,625.010	0.000	2,254.671
2007	34.33	4.43	0.00	271.967	701.885	0.000	973.852
2008	34.33	4.43	0.00	117.675	303.692	0.000	421.367
2009	34.33	4.43	0.00	33.137	85.519	0.000	118.656

Rem	0.00	0.00	0.00	0.000	0.000	0.000	0.000
Total	37.13	4.72	0.00	3,878.497	10,493.398	0.000	14,371.895

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 10.00% (M\$)	Cum. Disc. CF 10.00% (M\$)
2004	423.570	10.713	1,470.437	302.591	3,176.004	3,176.004	2,824.367	2,824.367
2005	411.339	10.440	0.000	339.706	4,458.549	7,634.553	3,848.766	6,673.134
2006	177.668	4.509	0.000	146.728	1,925.765	9,560.318	1,504.290	8,177.424
2007	76.740	1.948	0.000	63.376	831.789	10,392.107	587.952	8,765.375
2008	33.204	0.843	0.000	27.421	359.899	10,752.006	230.177	8,995.552
2009	9.350	0.237	0.000	7.722	101.347	10,853.353	59.670	9,055.222

Rem	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total	1,131.871	28.690	1,470.437	887.543	10,853.353	10,853.353	9,055.222	9,055.222

Major Phase : Gas
 Perfs : 0 0
 Initial Rate : 183.01 mmcf/month
 Abandonment : 3.04 mmcf/month
 Initial Decline : 56.81 % year b = 0.000
 Beg Ratio : 0.05 bbl/mmcf
 End Ratio : 0.05

Working Int : 1.00000000
 Revenue Int : 0.75000000
 Disc. Initial Invest. (m\$) : 1,470.437
 Internal ROR (%) : 186.00
 ROI Investment (disc/undisc) : 7.16 / 8.38
 Years to Payout : 0.66
 Abandonment Date : 07/22/2009

Present Worth Profile (M\$)

2.00% :	10,461.47
4.00% :	10,086.64
6.00% :	9,727.90
8.00% :	9,384.38
10.00% :	9,055.22
25.00% :	6,974.01
40.00% :	5,414.75
50.00% :	4,583.64
75.00% :	3,011.42
100.00% :	1,925.86

	Initial	1st Rev.	2nd Rev.
Working Interest :	1.00000000	0.00000000	0.00000000
Revenue Interest :	0.75000000	0.00000000	0.00000000
Rev. Date :			

CURRENT WELLBORE DIAGRAM

Lease: Big Eddy Unit Well No.: 150
 Field: Fenton Draw (Strawn)
 Location: 1980' FSL & 1980' FWL, SEC 17, T21S, R28E
 County: Eddy St: NM API: 30-015-33231

KB: 3217.50
GL: 3196.00
Spud Date: 01/28/2004
Compl. Date: 06/29/2004

Surface Csg.

Size: 13 3/8
 Wt: 48
 Grd: H-40
 Set @: 512
 Sxs cmt: 450
 Circ: Y
 TOC: Surf
 Hole Size: 17 1/2

1st Intermediate Csg.

Size: 9 5/8
 Wt: Unk
 Grd: N-80
 Set @: 3004
 Sxs Cmt: 1830
 Circ: No
 TOC: Surf By Top Off
 Hole Size: 12 1/4

Production Csg.

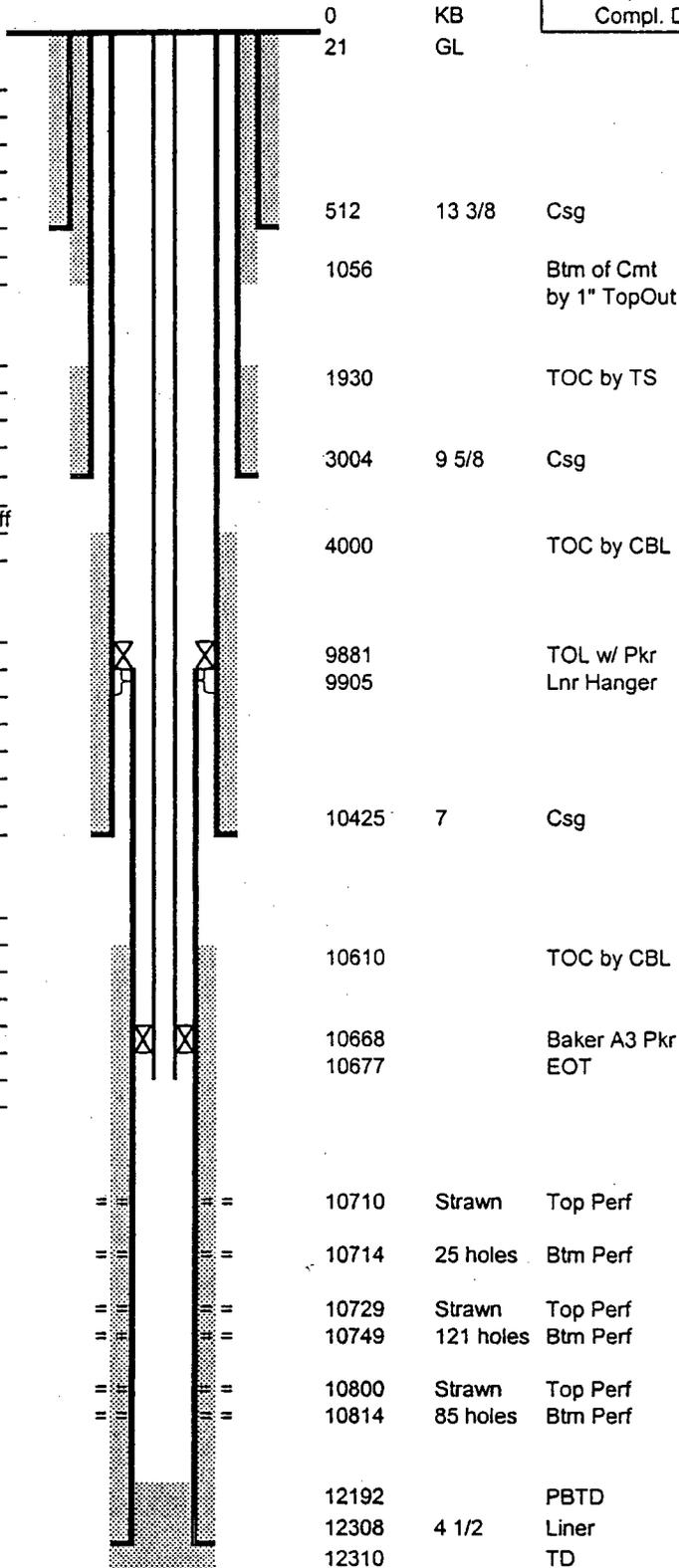
Size: 7
 Wt: 26
 Grd: L80/HC80
 Set @: 10425
 Sxs Cmt: 795
 Circ: N
 TOC: 4000 by CBL
 Hole Size: 8 3/4

Liner

Size: 4 1/2
 Wt: 13.5
 Grd: L-80
 Set @: 9881-12308
 Sxs Cmt: 250
 Circ: N
 TOC: 10610 BY CBL
 Hole Size: 6 1/8 to 12310

Tubing

295 jts 2 7/8" P-110 6.5#
 9:1 Cr - Mb Tbg
 72 jts 2 7/8" 6.4# 85 KSI 13
 Cr Kawasaki Fox Tbg



PBTD: 12192
 TD: 12310

Updated: 09/21/2004
 Author: ELE
 Engr: MWD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OPERATOR'S COPY

CONFIDENTIAL

FORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMLC066067

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. NMMN68294X

8. Lease Name and Well No. BIG EDDY UNIT 150

9. API Well No. 30-015-33231-00-S1

10. Field and Pool, or Exploratory FENTON DRAW

11. Sec., T., R., M., or Block and Survey of Area Sec 17 T21S R28E Mer NMP

12. County or Parish EDDY

13. State NM

17. Elevations (DF, KB, RT, GL)* 3196 GL

14. Date Spudded 01/28/2004

15. Date T.D. Reached 03/25/2004

16. Date Completed D & A Ready to Prod. 06/29/2004

18. Total Depth: MD 12310 TVD

19. Plug Back T.D.: MD 12172 TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR CNL LDT PE GR LL

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

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
17.500	13.375 H-40	48.0	0	512		450		0	
12.250	9.625 N-80	40.0	0	3004		1830		0	
8.750	7.000 L-80/HC	26.0	0	10425		795		4000	
6.125	4.500 L80	14.0	9881	12308		250		10610	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	10677	10668						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) STRAWN	10710	10814	10710 TO 10714	0.470	25	PRODUCING
B)			10729 TO 10749	0.470	121	PRODUCING
C)			10800 TO 10814	0.470	85	PRODUCING
D)						

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

Depth Interval	Amount and Type of Material
10710 TO 10814	2800 GAL 15% DBL INHIBITED NEFE ACID

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
06/30/2004	06/30/2004	24	→	154.0	4151.0	507.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
22/64	SI 1637	100.0	→	154	4151	507		PGW	

28a. 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		→						

ACCEPTED FOR RECORD
JUL 30 2004
ALEXIS C. SWOBODA
PETROLEUM ENGINEER

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #33058 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED **

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.)
CAPTURED

30. Summary of Porous Zones (Include Aquifers):

Show important zones of 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
				DELAWARE	2885
				BONE SPRING	5795
				3RD BONE SPRINGS	8821
				WOLFCAMP	9327
				STRAWN	10590
				ATOKA	11070
				MORROW	11200
				MORROW CLASTICS	11450

32. Additional remarks (include plugging procedure):
NO REMARK PROVIDED

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: | |

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

Electronic Submission #33058 Verified by the BLM Well Information System.
For BASS ENTERPRISES PRODUCTION CO, sent to the Carlsbad
Committed to AFMSS for processing by ARMANDO LOPEZ on 07/27/2004 (04AL0297SE)

Name (please print) CINDI GOODMAN

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 07/27/2004

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

BASS ENTERPRISES PRODUCTION CO.

201 MAIN ST.

FORT WORTH, TEXAS 76102-3131

817/390-8400

February 1, 2006

FEDERAL EXPRESS

Bureau of Land Management
Roswell District Office
2909 W. 2nd Street
Roswell, New Mexico 88201
Attn: Ms. Alexis Swoboda

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: Commercial Determination
Big Eddy Unit #143
Morrow Formation
Eddy County, New Mexico

Gentlemen:

Please find attached hereto one (1) copy of Bass' commercial determination worksheets and exhibits which indicate that the subject well is a commercial well in the Morrow Formation. Please indicate your concurrence to the above Commercial Determination. Upon your execution hereof, Bass will submit a participating area for the well.

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

Sincerely,



Forest K. Naylor

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

January 11, 2006

TO: FORT WORTH, FILES
FOR: FRANK McCREIGHT
FROM: KEITH E. BUCY
RE: COMMERCIAL DETERMINATION
BIG EDDY UNIT #143
CARLSBAD E. (MORROW)
BIG EDDY UNIT
EDDY COUNTY, NEW MEXICO
FILE: 400-WF, BEU143CD.XLS

Attached are the worksheets and necessary attachments for the subject well to be submitted for commercial determination. The Big Eddy Unit #143 was drilled in 2003 to a TD of 11,994' and was completed in the Morrow zone. The well is producing from perforations 11354'-11985.

The Big Eddy Unit #143 will be a commercial well and should receive a participating area. If additional information is required, please advise.



Keith E. Bucy

xc: Wayne Bailey
George Hillis

KEB/MWD/CDP



**WORKSHEET FOR COMMERCIAL DETERMINATION
AND PARTICIPATING AREA IN FEDERAL UNITS**

WELL DATA

WELL	BIG EDDY UNIT #143		FORMATION	MORROW
LOCATION	UNIT, 660	FEET FROM SOUTH LINE &	1896	FEET FROM WEST LINE
SECTION	19	TOWNSHIP 21S	RANGE 28E	COUNTY EDDY, NEW MEXICO
SPUD DATE	8/23/2003	COMPLETION DATE	1/15/2004	INITIAL PRODUCTION 1/15/2004
PERFORATIONS	11354'-11985'			

COMPLETION:

Perforated and Tested several intervals as follows: 12014-20'- Pmpd 378,000 SCFN2, 11,874-96' - 1000 gal 7 1/2" HCL w/ methanol, 325,000 SCFN2. 11753-60' - 212,000 SCFN2, 1000 gal 7 1/2" HCL w/ methanol + 388,300 SCFN2. 11686-706' - Frac w/2000 gal 7 1/2" HCL, 17430 gal + 467 bbl CO2 + 6596 MSCFN2. 11645-664', acid w/ 1000 gal Isosol, 100,000 SCFN2, + 427,000 SCFN2 w/ 2% KCL. 11354-58' - 1000 gal Isosol, 50,000 SCFN2 flush w/ 2% KCL. 11892-96 11874-81', acid w/ 1000 gal 7 1/2" HCL + 325,000 SCFN2. Set CIBP @ 12,004', Pkr @ 11,912' Perf 11970-11985'. No stimulation. (Natural completion).

POTENTIAL IP = 73 BOPD, 8017 MCFPD, 1 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), %	8%	
Water saturation (Sw), %	30%	
Net Thickness (h), ft.	15	
Temperature (T), Fahrenheit	185	
Bottom Hole pressure (P), psia	5,200	
Recovery factor (RF), %	75%	
Recoverable gas, BCF *(See eq. below)	2.6	

*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	<u>11/30/2005</u>	<u>669,266</u>	MCF Gas	<u>4,189</u>	BBL Oil
INITIAL RATE (qi)		<u>2,232</u>			
ECONOMIC LIMIT (ql)		<u>10</u>			
HYPERBOLIC DECLINE RATE, dy		<u>b = 0.7, d = 26%/yr</u>			
REMAINING GAS (Q) =		<u>283,899</u>			
ULTIMATE RECOVERABLE GAS (mcf)		<u>953,165</u>			

(Attach plat showing proration unit and participating area.)

ECONOMICGROSS WELL COST \$ \$1,107,000 (to the depth of formation completed)COMPLETION COST \$ 100,400GROSS TOTAL COST \$ \$1,207,400

<u>YEAR</u>	<u>GROSS GAS MMCF</u>	<u>BFIT NET INCOME (\$M)</u>	<u>OPERATING COST (\$M) INCL SEV & AD VAL TAX</u>	<u>10% NET BFIT DISCOUNTED CASH FLOW</u>
ZERO				<u>0.0</u>
1	<u>2.7</u>	<u>9.2</u>	<u>13.1</u>	<u>-916.0</u>
2	<u>552.0</u>	<u>1,737.5</u>	<u>132.4</u>	<u>1,329.8</u>
3	<u>130.1</u>	<u>911.0</u>	<u>70.0</u>	<u>622.2</u>
4	<u>111.2</u>	<u>606.7</u>	<u>67.2</u>	<u>372.9</u>
5	<u>60.1</u>	<u>327.9</u>	<u>59.6</u>	<u>165.8</u>
6	<u>41.0</u>	<u>182.4</u>	<u>56.8</u>	<u>68.7</u>
7	<u>28.5</u>	<u>126.9</u>	<u>55.0</u>	<u>34.6</u>
8	<u>20.0</u>	<u>82.6</u>	<u>53.7</u>	<u>11.3</u>
9	<u>7.6</u>	<u>31.6</u>	<u>26.3</u>	<u>1.3</u>
10	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
REMAINDER	<u>0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
TOTAL	953	4,016	534	1,691

WELL IS COMMERCIAL

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

DISTRICT II
811 South First, Artesia, NM 88210

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

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87506

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-32955	Pool Code 73920	Pool Name Carlsbad; Morrow, East (Gas)
Property Code 001776	Property Name BIG EDDY UNIT	Well Number 143
OGRID No. 001301	Operator Name BASS ENTERPRISES PRODUCTION COMPANY	Elevation 3170'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	19	21 S	28 E		660	SOUTH	1896	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

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Tami Wilber</i> Signature</p> <p>Tami Wilber Printed Name</p> <p>Production Clerk Title</p> <p>12/2/03 Date</p>
	<p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>MARCH 28, 2003 Date Surveyed</p> <p><i>Gary L. Jones</i> Signature & Seal of Professional Surveyor</p> <p>NEW MEXICO W.O. No. 3157 Certificate No. Gary L. Jones 7977</p>
	<p>REG. PROFESSIONAL LAND SURVEYOR</p>
	<p>ESASIN SURVEYS</p>



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC059365

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

6. If Indian, Allottee or Tribe Name

2. Name of Operator
BASS ENTERPRISES PRODUCTION CO
Contact: CINDI GOODMAN
E-Mail: CDGOODMAN@BASSPET.COM

7. Unit or CA Agreement Name and No.
NMNM111784

3. Address
P O BOX 2760
MIDLAND, TX 79702

8. Lease Name and Well No.
BIG EDDY UNIT 143

4. Location of Well (Report location clearly and in accordance with Federal requirements)
At surface SESW 660FSL 1896FWL
At top prod interval reported below SESW 660FSL 1896FWL
At total depth SESW 660FSL 1896FWL

RECEIVED
NOV 17 2004
BASS ENTERPRISES PRODUCTION
PH: 432-663-2279

9. API Well No.
30-015-32955-00-S1

10. Field and Pool, or Exploratory
UNKNOWN

11. Sec., T., R., M., or Block and Survey
or Area Sec 19 T21S R28E Mer NMP

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
15. Date T.D. Reached
16. Date Completed
 D & A Ready to Prod.
08/12/2004

17. Elevations (DF, KB, RT, GL)*
3171 GL

18. Total Depth: MD 12114 TVD
19. Plug Back T.D.: MD 11994 TVD
20. Depth Bridge Plug Set: MD 12004 TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
PE:HRLAMCFLGR:P D/M LATERLOG CZ/CN
22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit analysis)
Directional Survey? No Yes (Submit analysis)

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
17.500	13.375 WC40	48.0	0	516		540		0	0
12.250	9.625 J55	40.0	0	2909		980		0	0
8.750	5.500 HCP110	17.0	0	12114		2615		0	0

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	11912	11912	2.375	11974	11925			

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MORROW	11970	11985	11970 TO 11985	3.380	100	PRODUCING
B) MORROW	11970	11985	12014 TO 12020	3.380	37	PRODUCING
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
11970 TO 11985	NO STIMULATION

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

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
A	11/21/2003	24	→	0.0	36.0	0.0			FLOW FROM WELL NOV 15 2004
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	430 SI 2300	0.0	→	0	36	0		PGW	

ACCEPTED FOR RECORD
LES BABYAK
PETROLEUM ENGINEER
FLOW FROM WELL

28a. 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
B	07/08/2004	24	→	49.0	5646.0	1.0			FLOW FROM WELL
Choke size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	2606 SI	23.0	→	49	5648	1		PGW	

ECONOMIC PROJECTION

Date : 1/11/2006

Lior: 1189062

1:52:31PM

Project Name : PROPZONE
 Partner : 99999
 Case Type : LEASE CASE
 Archive Set : ENGR

As Of Date : 10/01/2003
 Discount Rate (%) : 10.00
 1189062/BIG EDDY UNIT/MOR

Lease Name : 1189062/BIG EDDY UNIT/MOR
 Reserv Cat. : Proved Producing
 Field : CARLSBAD, E. (MORROW)
 Operator : BEPCO
 Reservoir : MORROW
 Co., State : EDDY, NM

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

Year	Gross Wet Production		Gross Dry Gas & NGL		Sales		
	Oil (Mbbl)	Wet Gas (MMCF)	Dry Gas (MMCF)	NGL (MGal)	Oil (Mbbl)	Gas (MMCF)	NGL (MGal)
2003	0.000	2.674	2.674	0.000	0.000	1.666	0.000
2004	3.638	552.027	552.027	0.000	2.266	343.879	0.000
2005	0.773	130.102	130.102	0.000	0.482	81.046	0.000
2006	1.588	111.194	111.194	0.000	0.990	69.267	0.000
2007	0.859	60.098	60.098	0.000	0.535	37.437	0.000
2008	0.585	40.978	40.978	0.000	0.365	25.527	0.000
2009	0.407	28.506	28.506	0.000	0.254	17.757	0.000
2010	0.285	19.959	19.959	0.000	0.178	12.433	0.000
2011	0.109	7.627	7.627	0.000	0.068	4.751	0.000

Rem	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total	8.245	953.165	953.165	0.000	5.136	593.764	0.000
Ult.	8.245	953.165					

Year	Average Price			Net Revenue			
	Oil \$/BBL	Gas \$/MCF	NGL \$/Gal	Oil (M\$)	Gas (M\$)	NGL (M\$)	Total (M\$)
2003	0.00	5.55	0.00	0.000	9.245	0.000	9.245
2004	41.38	4.78	0.00	93.778	1,643.744	0.000	1,737.521
2005	60.69	10.88	0.00	29.222	881.754	0.000	910.976
2006	58.00	7.93	0.00	57.393	549.289	0.000	606.682
2007	58.00	7.93	0.00	31.020	296.878	0.000	327.898
2008	50.00	6.43	0.00	18.233	164.138	0.000	182.371
2009	50.00	6.43	0.00	12.684	114.180	0.000	126.864
2010	50.00	5.93	0.00	8.881	73.729	0.000	82.610
2011	50.00	5.93	0.00	3.394	28.176	0.000	31.570
Rem	0.00	0.00	0.00	0.000	0.000	0.000	0.000
Total	49.57	6.33	0.00	254.604	3,761.132	0.000	4,015.736

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 10.00% (M\$)	Cum. Disc. CF 10.00% (M\$)
2003	0.757	0.018	911.682	13.081	-916.293	-916.293	-916.216	-916.216
2004	141.262	3.475	0.000	132.439	1,460.345	544.052	1,329.846	413.630
2005	74.285	1.822	0.000	69.996	764.874	1,308.926	622.245	1,035.875
2006	49.050	1.213	0.000	67.197	489.221	1,798.146	372.854	1,408.729
2007	26.511	0.656	0.000	59.635	241.096	2,039.243	165.773	1,574.502
2008	14.734	0.365	0.000	56.806	110.467	2,149.709	68.726	1,643.228
2009	10.249	0.254	0.000	54.960	61.401	2,211.110	34.588	1,677.816
2010	6.667	0.165	0.000	53.695	22.082	2,233.192	11.301	1,689.117
2011	2.548	0.063	0.000	26.312	2.646	2,235.839	1.255	1,690.371
Rem	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total	326.063	8.031	911.682	534.121	2,235.839	2,235.839	1,690.371	1,690.371

Major Phase : Gas
 Perfs : 0 0
 Initial Rate : 0.22 mmcf/month
 Abandonment : 1.16 mmcf/month
 Initial Decline : 9.21 % year b = 0.700
 Beg Ratio : 0.00 bbl/mmcf
 End Ratio : 0.01

Working Int : 0.75507830
 Revenue Int : 0.62293947
 Disc. Initial Invest. (m\$) : 911.682
 Internal ROR (%) : 79.81
 ROI Investment (disc/undisc) : 2.85 / 3.45
 Years to Payout : 0.91
 Abandonment Date : 07/02/2011

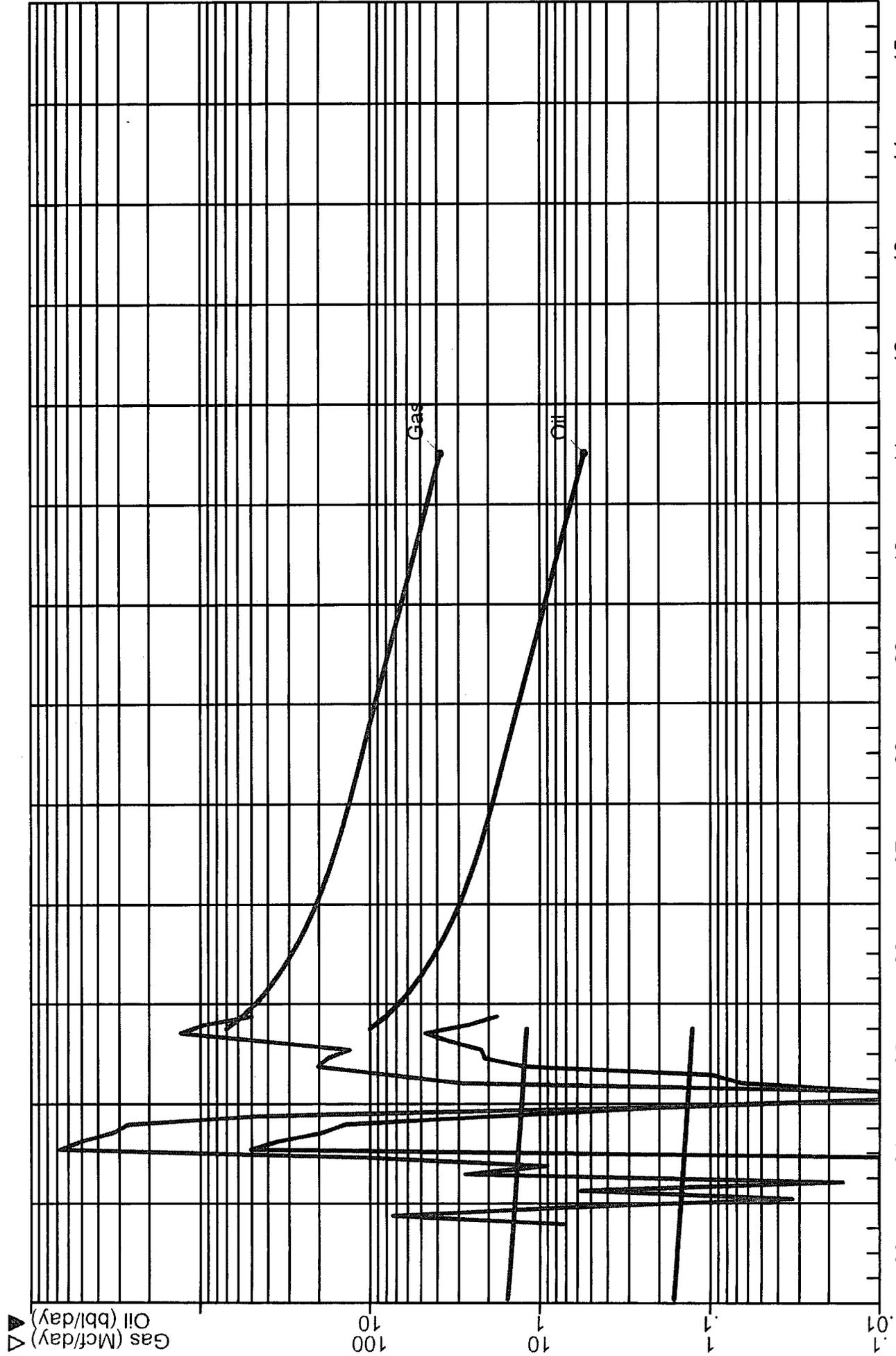
Present Worth Profile (M\$)

2.00% :	2,114.70
4.00% :	2,000.01
6.00% :	1,891.32
8.00% :	1,788.23
10.00% :	1,690.37
25.00% :	1,092.44
40.00% :	668.38
50.00% :	450.90
75.00% :	56.19
100.00% :	-203.16

	Initial	1st Rev.	2nd Rev.
Working Interest :	0.75507830	0.00000000	0.00000000
Revenue Interest :	0.62293947	0.00000000	0.00000000
Rev. Date :			

CONTROL: 1189062
 County, State: EDDY, NM.
 Reservoir: MORROW :

PROPERTY: BIG EDDY UNIT #143
 Oper: BEPCO
 FIELD_ONLY: CARLSBAD, E.



Hist Gas Cum: 669.27 MMcf
 Gas EUR: 953.17 MMcf
 Gas Rem: 953.17 MMcf
 Hist Oil Cum: 4.19 Mbbbl
 Oil EUR: 8.24 Mbbbl
 Oil Rem: 8.24 Mbbbl

BASS ENTERPRISES PRODUCTION CO.

201 MAIN ST.

FORT WORTH, TEXAS 76102-3131

817/390-8400

February 1, 2006

FEDERAL EXPRESS

Bureau of Land Management
Roswell District Office
2909 W. 2nd Street
Roswell, New Mexico 88201
Attn: Ms. Alexis Swoboda

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: Commercial Determination
Big Eddy Unit #144
Strawn Formation
Eddy County, New Mexico

Gentlemen:

Please find attached hereto one (1) copy of Bass' commercial determination worksheets and exhibits which indicate that the subject well is a commercial well in the Strawn Formation. Please indicate your concurrence to the above Commercial Determination. Upon your execution hereof, Bass will submit a participating area for the well.

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

Sincerely,



Forest K. Naylor

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

January 11, 2006

TO: FORT WORTH, FILES
FOR: FRANK McCREIGHT
FROM: KEITH E. BUCY
RE: COMMERCIAL DETERMINATION
BIG EDDY UNIT NO. 144
E CARLSBAD (STRAWN)
BIG EDDYUNIT
EDDY COUNTY, NEW MEXICO
FILE: 400-WF, BEU144CD.XLS

Attached are the worksheets and necessary attachments for the subject well to be submitted for commercial determination. The Big Eddy Unit #144 was drilled in 2003 to a TD of 12,100 and was completed in the Strawn. The well is producing from perforations 10,648-10,659.

The Big Eddy Unit No. 144 will be a commercial well and should receive a participating area. If additional information is required, please advise.



Keith E. Bucky

xc: Wayne Bailey
George Hillis

KEB/MWD/CDP
cdp
MWD

**WORKSHEET FOR COMMERCIAL DETERMINATION
AND PARTICIPATING AREA IN FEDERAL UNITS**

WELL DATA

WELL _____ BIG EDDY UNIT # 144 _____ FORMATION _____ STRAWN _____
 LOCATION _____ D _____ UNIT, _____ 660 FEET FROM NORTH LINE & _____ 710 FEET FROM WEST LINE
 SECTION _____ 30 TOWNSHIP _____ 21S , RANGE _____ 28E , COUNTY _____ EDDY _____ , NEW MEXICO
 SPUD DATE _____ 11/20/2003 _____ COMPLETION DATE _____ 01/31/2005 _____ INITIAL PRODUCTION _____ 02/02/2005 _____
 PERFORATIONS _____ 11744-11752, 11736-11742, 11613-11618 (MORROW PERFS BEHIND PLUG 1/31-05) _____
 _____ 10.648-659' (STRAWN) Perfed w/ TCP Pure perf gun _____

STIMULATION:

ACID _____
 _____ Acidize perfs (11736-11752) w/ 1000 gals 7.5% HCL. Acidize perfs (11613-618') w/ 500 gal 7.5% HCL (Morrow) _____
FRACTURE _____ Frac 11613-11752 w/ 19563gals gel + 21822gals CO2 + 7398 MCF N2 + 60750 lbs 20-40 Interprop. (Mor _____

POTENTIAL _____ (02/2/2005) 46 BOPD 1641 MCFPD 29 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	<u>320</u>	_____
Porosity (por), %	<u>7%</u>	_____
Water saturation (Sw), %	<u>25%</u>	_____
Net Thickness (h), ft.	<u>19</u>	_____
Temperature (T), Fahrenheit	<u>175</u>	_____
Bottom Hole pressure (P), psia	<u>3,350</u>	_____
Recovery factor (RF), %	<u>75%</u>	_____
Recoverable gas, BCF *(See eq. below)	<u>1.7</u>	_____

*Sometimes unable to match performance due to volumetric uncertainty.

Formula = $(7758) (A) (h) (por) (1-Sw)(RF)/Bsi$ Bgi = 0.73 RB/MCF

Continued

PERFORMANCE DATA

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

CUMULATIVE PRODUCTION TO	<u>11/30/2005</u>	<u>413,418</u>	MCF Gas	<u>8,430</u>	BBL Oil
INITIAL RATE (qi)		<u>2,214</u>			
ECONOMIC LIMIT (qi)		<u>425</u>			
HYPERBOLIC DECLINE RATE, dy		<u>b = .001, d = 25.2</u>			
REMAINING GAS (Q) =		<u>64,665</u>			
ULTIMATE RECOVERABLE GAS (mcf)		<u>478,083</u>			

(Attach plat showing proration unit and participating area.)

ECONOMICGROSS WELL COST \$ \$1,040,629 (to the depth of formation completed)COMPLETION COST \$ 651,393GROSS TOTAL COST \$ \$1,692,022

YEAR	GROSS GAS MMCF	BFIT NET INCOME (\$M)	OPERATING COST (\$M) INCL SEV & AD VAL TAX	10% NET BFIT DISCOUNTED CASH FLOW
ZERO				
1	<u>431.9</u>	<u>2,766.0</u>	<u>171.2</u>	<u>782.2</u>
2	<u>46.2</u>	<u>302.3</u>	<u>34.1</u>	<u>218.3</u>
3	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
4	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
5	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
6	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
7	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
8	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
9	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
10	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
REMAINDER	<u>0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
TOTAL	478	3,068.3	451.5	1,000.5

WELL IS COMMERCIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC059365

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

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
NMNM111785

2. Name of Operator **BASS ENTERPRISES PRODUCTION CO** Contact: CINDI GOODMAN
 E-Mail: CDGOODMAN@BASSPET.COM

8. Lease Name and Well No.
BIG EDDY UNIT 144

3. Address **P O BOX 2760 MIDLAND, TX 79702** Ja. Phone No. (include area code)
 Ph: 432-683-2277

9. API Well No.
30-015-33103-00-S2

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **NWNW 660FNL 710FWL 32.27241 N Lat, 104.07552 W Lon**
 At top prod interval reported below **NWNW 660FNL 710FWL 32.27241 N Lat, 104.07552 W Lon**
 At total depth **NWNW 660FNL 710FWL 32.27241 N Lat, 104.07552 W Lon**

10. Field and Pool, or Exploratory
E CARLSBAD

11. Sec., T., R., M., or Block and Survey
or Area **Sec 30 T21S R28E Mer NMP**

12. County or Parish **EDDY** 13. State **NM**

14. Date Spudded _____ 15. Date T.D. Reached _____ 16. Date Completed
 D & A Ready to Prod. **02/02/2005**

17. Elevations (DF, KB, RT, GL)*
3168 GL

18. Total Depth: **MD 12100 TVD** 19. Plug Back T.D.: **MD 11570 TVD** 20. Depth Bridge Plug Set: **MD 11570 TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
D/M LATERLOG

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

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
17.500	13.375 H-40	48.0	0	556		540		0	
12.250	9.625 J-55	40.0	0	2900		1080		0	
8.750	5.500 P-110	17.0	0	12093		2135		1966	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	10669	10577						

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) STRAWN	10648	10659	10648 TO 10659	0.470	34	PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material

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
02/02/2005	02/08/2005	24	→	46.0	1641.0	29.0			ACCEPTED FOR RECORD
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
20/64"	SI 961	410.0	→	46	1641	29		PGW	

28a. 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
			→						LE'S BABYAK PETROLEUM ENGINEER
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 reverse side)

ELECTRONIC SUBMISSION #54283 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED **

DISTRICT I
1625 N. French Dr., Hobbs, NM 88248

DISTRICT II
611 South First, Artesia, NM 88210

DISTRICT III
1000 El Brazos Rd., Artesia, NM 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87506

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-33103	Pool Code 73920	Pool Name E CARLSBAD - MORROW
Property Code 001776	Property Name BIG EDDY UNIT	Well Number 144
OGRID No. 001801	Operator Name BASS ENTERPRISES PRODUCTION COMPANY	Elevation 3170'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 1	30	21 S	28 E		660	NORTH	710	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.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>LOT 1 - 37.89 AC.</p> <p>NOTE: TOTAL ACREAGE ESTIMATED FROM US GLO.</p> <p>LOT 2 - 38.03 AC.</p> <p>LOT 3 - 38.17 AC.</p> <p>LOT 4 - 38.31 AC.</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>William R. Dannels</i> Signature</p> <p>W.R. DANNELS Printed Name</p> <p>DIVISION DRILLING SUPT. Title</p> <p>3/31/04 Date</p> <hr/> <p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>MARCH 28, 2003 Date Surveyed</p> <p><i>Gary L. Jones</i> Signature & Seal of Professional Surveyor</p> <p>NEW MEXICO 7977 W.O. No. 3158</p> <p>Certificate No. Gary L. Jones 7977</p> <p>REGISTERED PROFESSIONAL LAND SURVEYOR BASIN SURVEYS</p>
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Submit in duplicate to appropriate district office. See Rule 401 & Rule 1122

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

RECEIVED

Form C-122
Revised October, 1999

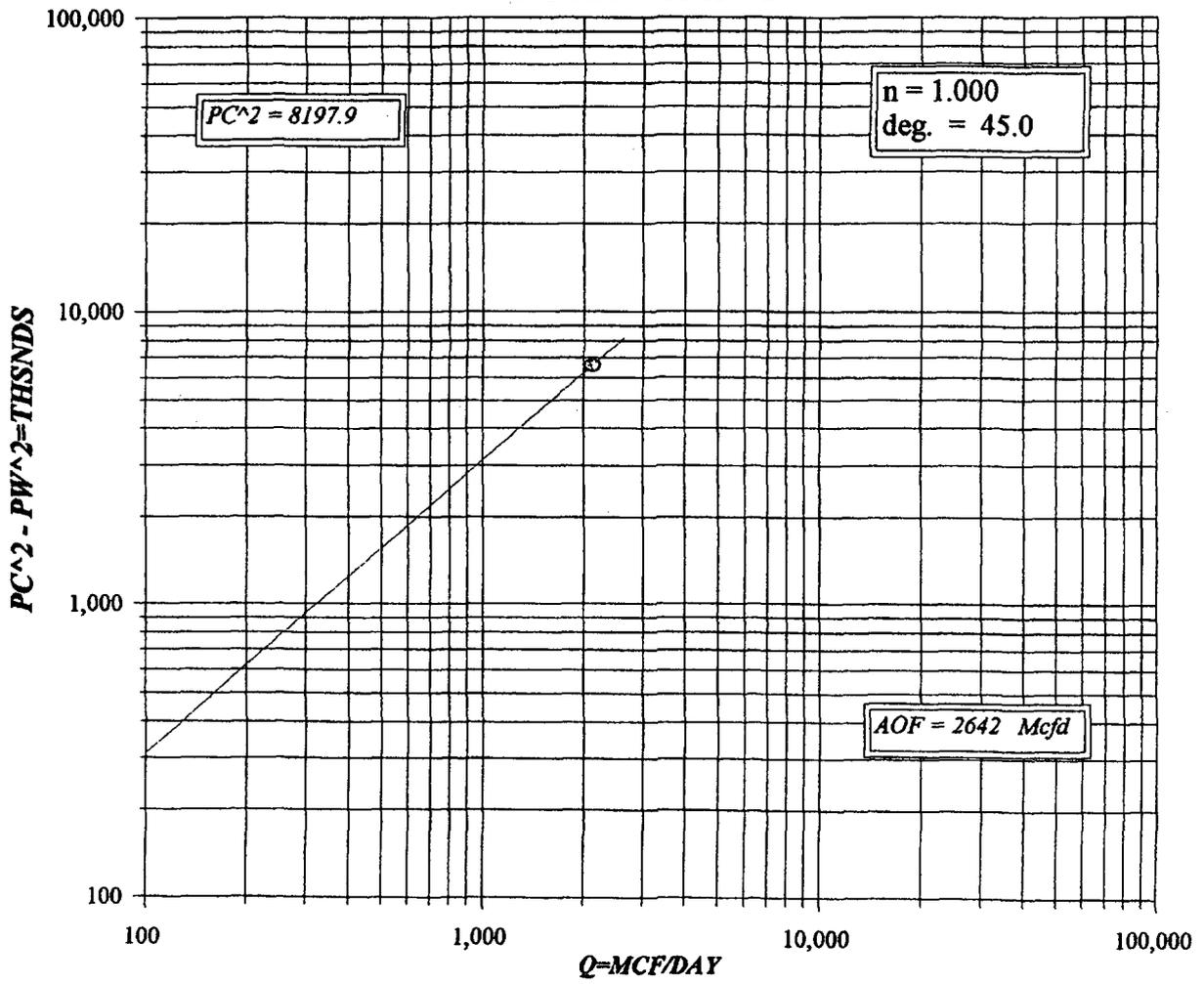
MAR 21 2005

OB-NTESIA

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator		BASS ENTERPRISES PROD CO				Lease or Unit Name		BIG EDDY UNIT		
Type Test						Test Date		Well No.		
<input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special						3/1/2005		144		
Completion Date		Total Depth		Plug Back TD		Elevation		Unit Ltr - Sec - TWP - Rge		
3/9/2004		12093		11968		3168		30 21S 28E		
Csg. Size	Wt.	d	Set At	Perforations:		County				
5 1/2	17	4.892	12093	From: 10648 To: 10659		EDDY				
Tbg. Size	Wt.	d	Set At	Perforations:		Pool				
2 3/8	4.7	1.995	10669	From: To:						
Type Well-Single-Bradenhead-G.G. or G.O. Multiple				Packer Set At		Formation				
SINGLE				10577		STRAWN				
Producing Thru TUBING		Reservoir Temp.		Mean Annual Temp.		Baro. Press.-P _a		Connection		
		180.7		60		13.2		SALES		
L	H	Gg	%CO ₂	%N ₂	%H ₂ S	Prover	Meter Run	Taps		
10669	10669	0.674	0.28	1.85	0	N/A	3.067	FLG		
FLOW DATA				TUBING DATA			CASING DATA			
No.	Prover Line Size	Orifice x Size	Press p.s.i.g.	Diff. h _w	Temp.	Press p.s.i.g.	Temp.	Press p.s.i.g.	Temp.	Duration of Flow
SI						2850				
1		3.067 X 1.000	467	256	85	1200				24 HRS.
2										
3										
4										
5										
RATE OF FLOW CALCULATIONS										
No.	COEFFICIENT (24 Hour)		$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft	Gravity Factor F _g	Super Compress Factor F _{pv}	Rate of Flow Q. Mcfd		
1	9.64							2120		
2	TOTAL		TOTAL	FLOW	METER					
3										
4										
5										
No.	P _r	Temp. R	T _r	Z	Gas Liquid Hydrocarbon Ratio		2.304		Mcf bbl.	
1					A.P. I. Gravity of Liquid Hydrocarbons		56.5 @60		Deg.	
2	TOTAL	FLOW	METER		Specific Gravity Separator Gas		0.674		XXXXXXX	
3					Specific Gravity Flowing Fluid		XXXXXX		GMIX = 1.625	
4					Critical Pressure		672		P.S.I.A. N/A P.S.I.A.	
5					Critical Temperature		378		R. N/A R	
P _c 2863.2		P ₂ 8197.9								
No.	P _t ²	P _w	P _w ²	P _c ² -P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{1.246}{\quad}$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{1.246}{\quad}$					
1		1272.5	1471.9	6578.6	$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{2.642}{\quad}$					
2										
3										
4										
5										
Absolute Open Flow		2.642		Mcf @ 15.025		Angle of Slope (°):		45		Slope, n: 1
Remarks: * WELL MADE 92 BBLS OF 56.5 API GRAVITY CONDENSATE DURING TEST.										
Approved By Division:			Conducted By:			Calculated By:			Checked By:	
			PRO WELL TESTING			MERV BUECKER			MB	

BASS
BIG EDDY UNIT # 144



ECONOMIC PROJECTION

Date : 1/11/2006

Lior: 1189063

2:18:09PM

Project Name : PROPZONE
 Partner : 99999
 Case Type : LEASE CASE
 Archive Set : ENGR

As Of Date : 02/01/2005
 Discount Rate (%) : 10.00
 1189063/BIG EDDY UNIT/STR

Lease Name : 1189063/BIG EDDY UNIT/STR
 Reserv Cat. : Proved Producing
 Field : E CARLSBAD-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)
2005	8.799	431.855	431.855	0.000	6.374	312.826	0.000
2006	0.925	46.228	46.228	0.000	0.670	33.486	0.000

Rem	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total	9.723	478.083	478.083	0.000	7.043	346.313	0.000
Ult.	9.723	478.083					

Year	Average Price			Net Revenue			
	Oil (\$/BBL)	Gas (\$/MCF)	NGL (\$/Gal)	Oil (M\$)	Gas (M\$)	NGL (M\$)	Total (M\$)
2005	53.19	7.76	0.00	338.997	2,427.000	0.000	2,765.997
2006	56.38	7.90	0.00	37.758	264.541	0.000	302.299

Rem	0.00	0.00	0.00	0.000	0.000	0.000	0.000
Total	53.49	7.77	0.00	376.755	2,691.541	0.000	3,068.296

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 (M\$)	Cum. Disc. CF (M\$)
2005	217.257	5.393	1,484.755	171.173	887.418	887.418	782.219	782.219
2006	24.339	0.605	0.000	34.092	243.263	1,130.681	218.302	1,000.521

Rem	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total	241.596	5.998	1,484.755	205.265	1,130.681	1,130.681	1,000.521	1,000.521

Major Phase : Gas
 Perfs : 0 0
 Initial Rate : 46.61 mmcf/month
 Abandonment : 11.06 mmcf/month
 Initial Decline : 87.72 % year b = 0.000
 Beg Ratio : 0.03 bbl/mmcf
 End Ratio : 0.02

Working Int : 0.87803398
 Revenue Int : 0.72437803
 Disc. Initial Invest. (m\$) : 1,484.755
 Internal ROR (%) : 124.41
 ROInvestment (disc/undisc) : 1.67 / 1.76
 Years to Payout : 0.53
 Abandonment Date : 04/12/2006

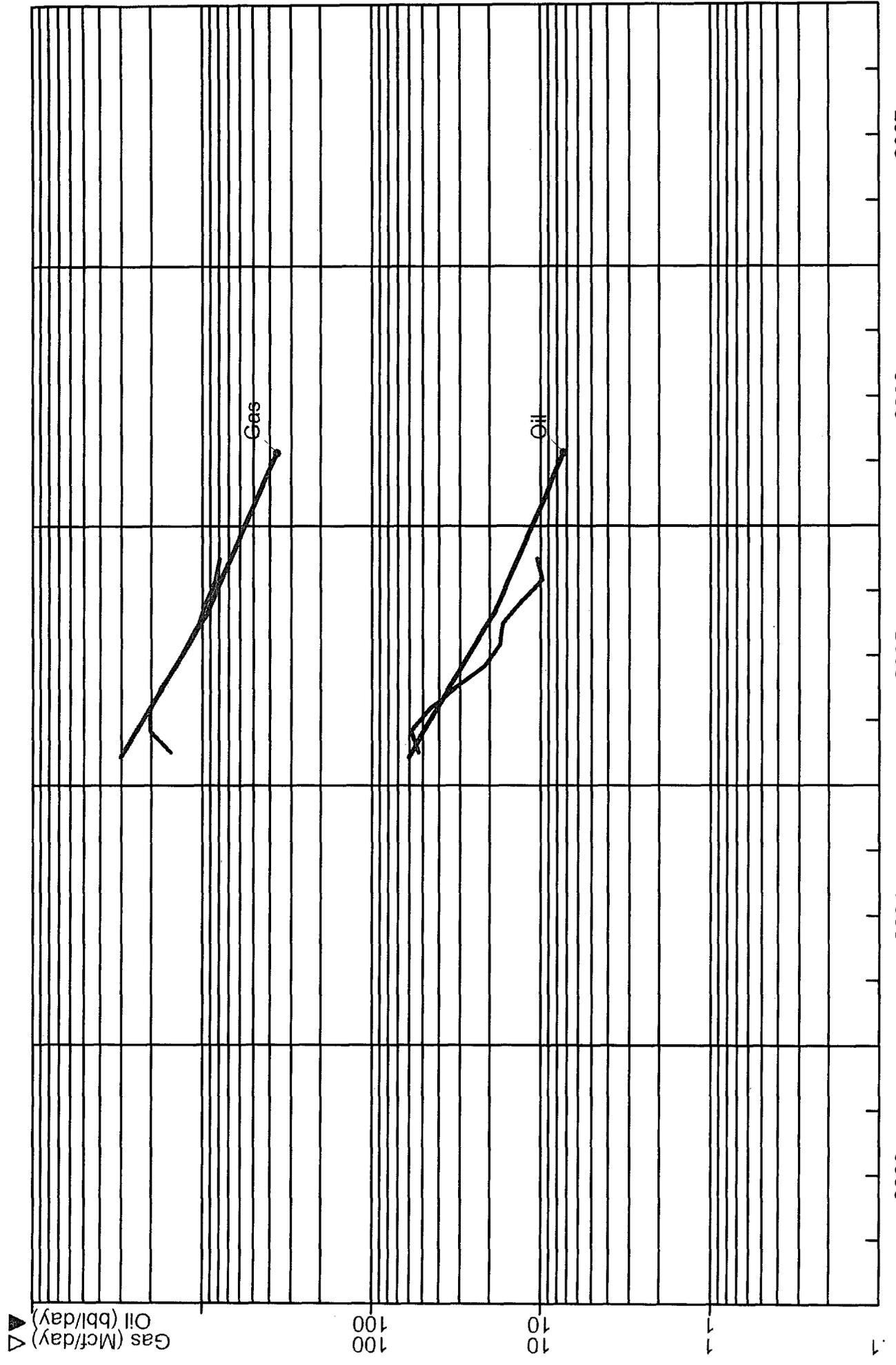
Present Worth Profile (M\$)

2.00% :	1,103.91
4.00% :	1,077.52
6.00% :	1,051.49
8.00% :	1,025.83
10.00% :	1,000.52
25.00% :	821.48
40.00% :	659.90
50.00% :	560.90
75.00% :	340.17
100.00% :	152.26

	Initial	1st Rev.	2nd Rev.
Working Interest :	0.87803398	0.00000000	0.00000000
Revenue Interest :	0.72437803	0.00000000	0.00000000
Rev. Date :			

PROPERTY: BIG EDDY UNIT #144
 Oper: BEPCO
 FIELD_ONLY: CARLSBAD, E.

CONTROL: 1189063
 County, State: EDDY, NM
 Reservoir: STRAWN



2003
 Hist Gas Cum: 413.42 MMcf
 Gas EUR: 478.08 MMcf
 Gas Rem: 478.08 MMcf

2006
 Hist Oil Cum: 8.43 Mbbl
 Oil EUR: 9.72 Mbbl
 Oil Rem: 9.72 Mbbl

2007
 Hist Oil Cum: 8.43 Mbbl
 Oil EUR: 9.72 Mbbl
 Oil Rem: 9.72 Mbbl

