

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

District II
811 South First Street, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

108530483

State of New Mexico
Energy, Minerals and Natural Resources Department

AMEND DHC

4/12/01

Form C-107A
Revised May 15, 2000

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87505

APPLICATION TYPE

☒ Single Well

Establish Pre-Approved Pools

EXISTING WELLBORE

☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

Operator Bass Enterprises Production Co. Address P. O. Box 2760 Midland, Texas 79702-2760
James Ranch Unit 27 Unit Letter I, Section 36, T22S-R30E Eddy County
Lease Well No. Unit Letter-Section-Township-Range
OGRID No. 001801 Property Code 001786 API No. 30-015-31033 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE Quahada Ridge, SE	INTERMEDIATE ZONE Los Medanos	LOWER ZONE Los Medanos
Pool Name	Delaware	Bone Spring <i>Und.</i>	Wolfcamp <i>Und.</i>
Pool Code	50443	40295	96336
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	7485-7685'	11,120-129'	11,309-318'
Method of Production (Flowing or Artificial Lift)	Artificial Lift	Artificial Lift	Artificial Lift
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)	44.2	44.2	44.2
Producing, Shut-In or New Zone	Producing	Producing	Producing
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: 2/27/01 Rates: 40 Oil, 136 Gas, 90 WTR	Date: 2/27/01 Rates: 22 Oil, 25 Gas, 15 WTR	Date: 2/27/01 Rates: 22 Oil, 25 Gas, 15 WTR
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil 48% Gas 73%	Oil 26% Gas 13.5 %	Oil 26% Gas 13.5 %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes ☒ No ☐
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes ☐ No ☐

Are all produced fluids from all commingled zones compatible with each other? Yes ☒ No ☐

Will commingling decrease the value of production? Yes ☐ No ☒

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes ☒ No ☐

NMOCD Reference Case No. applicable to this well: R-10558

Attachments:

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Tami Wilber TITLE Production Clerk DATE 3/21/01

TYPE OR PRINT NAME Tami Wilber TELEPHONE NO. (915) 683-2277

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

OIL CONSERVATION DIVISION MAR 23 2000

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

MAR 23 2000

CONSERVATION ☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-31033	Pool Code 50443	Pool Name Quahada Ridge (Delaware) SE
Property Code 001786	Property Name JAMES RANCH UNIT	Well Number 27
OGED No. 001801	Operator Name BASS ENTERPRISES PRODUCTION COMPANY	Elevation 3316'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	36	22 S	30 E		1780	SOUTH	200	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
LOT 3	31	22 S	31 E		1980	SOUTH	660	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

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>LAT - N 32°20'46"</p> <p>LONG - W 103°49'35"</p>
	<p>3315.1' 3317.8'</p> <p>200'</p> <p>3312.9' 3314.9'</p>
	<p>1780'</p>
	<p>SEC. 36</p> <p>SEC. 31</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><u>Jami Wilber</u></p> <p>Signature</p> <p><u>Tami Wilber</u></p> <p>Printed Name</p> <p><u>Production Clerk</u></p> <p>Title</p> <p><u>11/20/00</u></p> <p>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><u>November 16, 1999</u></p> <p>Date Surveyed</p> <p><u>[Signature]</u></p> <p>Signature & Seal of Professional Surveyor</p> <p><u>W.O. No. 9407</u></p> <p>W.O. No.</p> <p><u>Certificate No. Gary L. Jones 7977</u></p> <p>Certificate No.</p> <p><u>BASIN SURVEYS</u></p> <p>Basin Surveys</p>

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Instruction on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-31033	Pool Code 40295	Pool Name Los Medanos (Bone Spring) South
Property Code 001786	Property Name JAMES RANCH UNIT	Well Number 27
GRID No. 001801	Operator Name BASS ENTERPRISES PRODUCTION COMPANY	Elevation 3316'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	36	22 S	30 E		1780	SOUTH	200	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
LOT 3	31	22 S	31 E		1980	SOUTH	660	WEST	EDDY

Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
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OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><u>Tami Wilber</u> Signature</p> <p>Tami Wilber Printed Name</p> <p>Production Clerk Title</p> <p>11/20/00 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>November 16, 1999 Date</p> <p><u>[Signature]</u> Signature of State or Professional Surveyor</p> <p>W.O. No. 9487 Certificate No. 7977</p> <p>BASIN SURVEYS</p>
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DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

OIL CONSERVATION DIVISION MAR 23 2001
P.O. Box 2088

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-31033	Pool Code 96336	Pool Name Los Medanos (Wolfcamp) South
Property Code 001786	Property Name JAMES RANCH UNIT	Well Number 27
OGRIID No. 001801	Operator Name BASS ENTERPRISES PRODUCTION COMPANY	Elevation 3316'

Surface Location

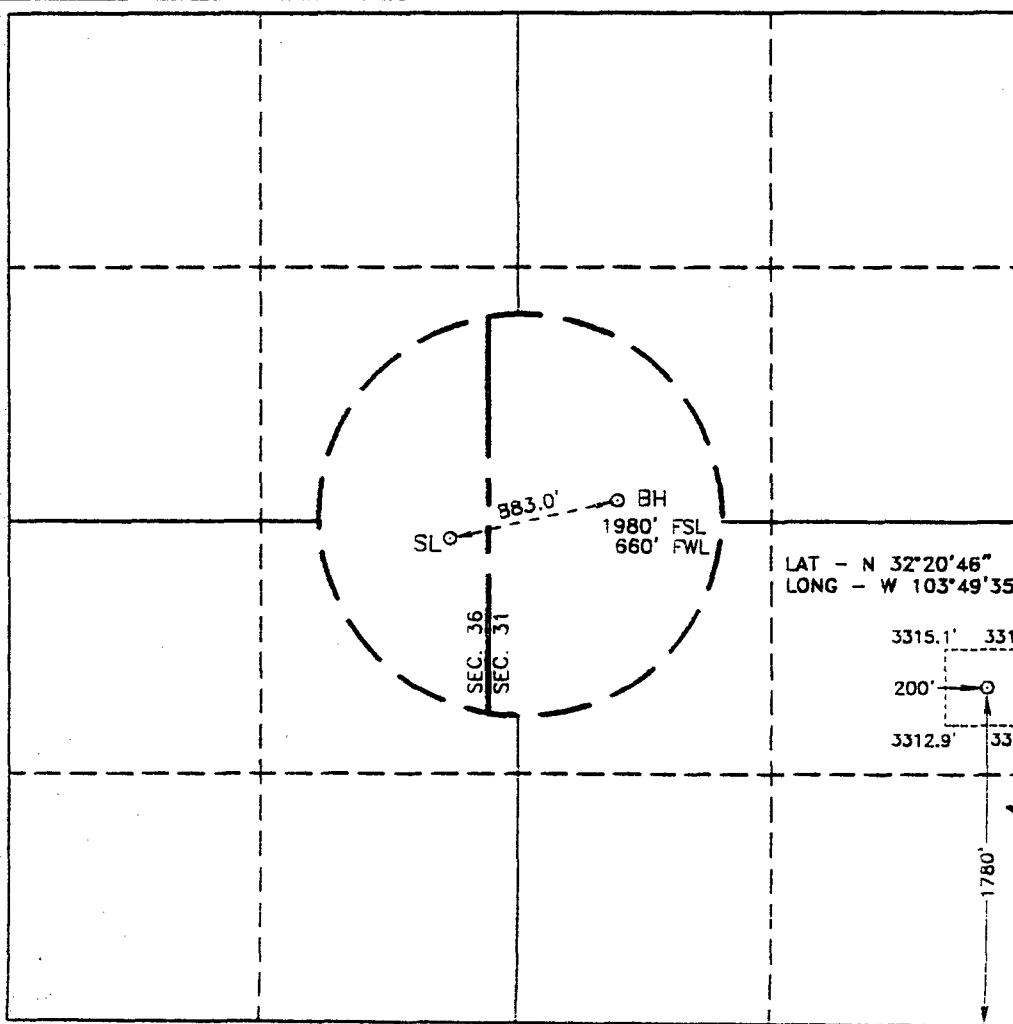
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	36	22 S	30 E		1780	SOUTH	200	EAST	EDDY

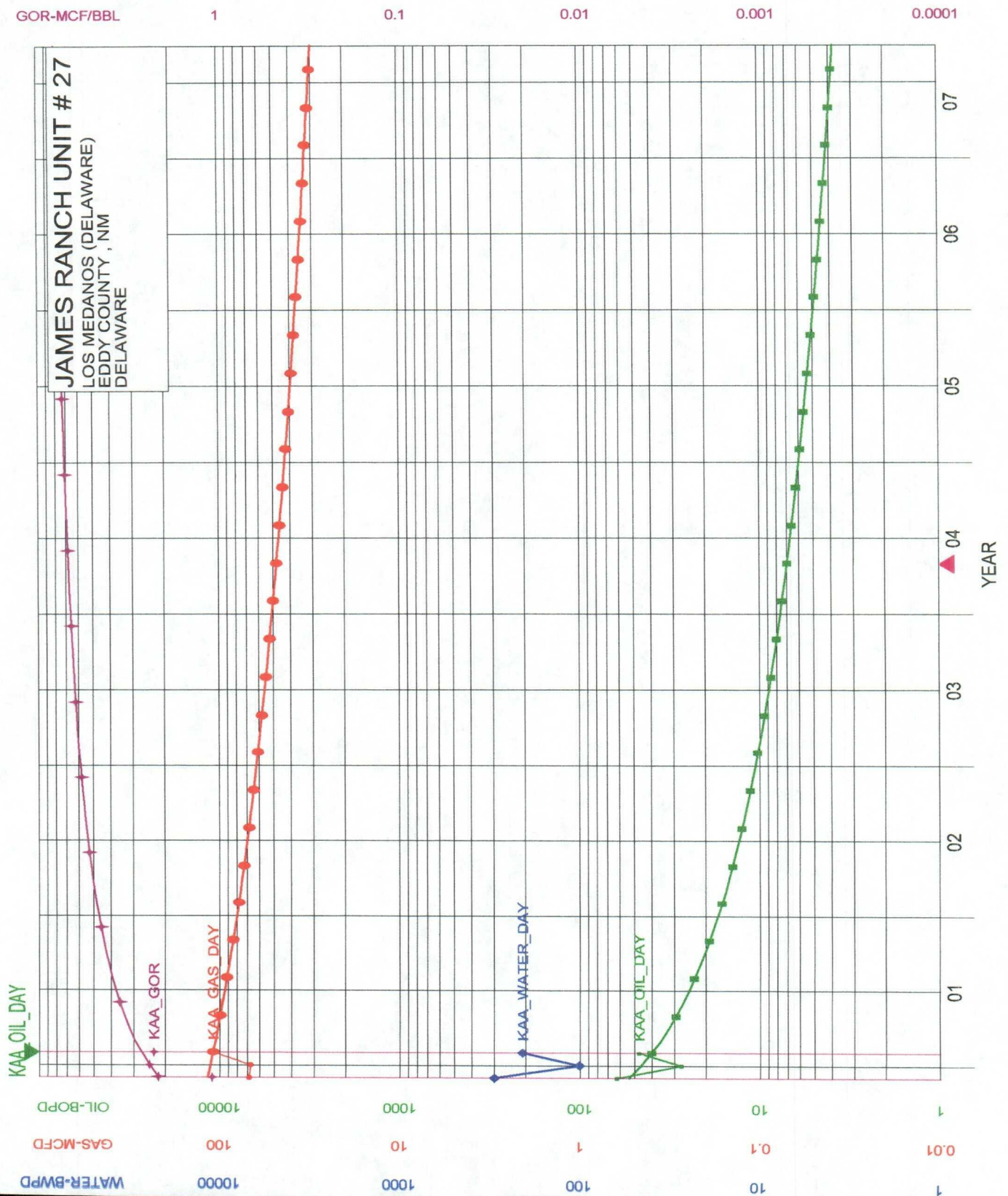
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 3	31	22 S	31 E		1980	SOUTH	660	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

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OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><u>Tami Wilber</u></p> <p>Signature</p> <p>Tami Wilber</p> <p>Printed Name</p> <p>Production Clerk</p> <p>Title</p> <p>11/20/00</p> <p>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>November 16, 1999</p> <p>Date Surveyed</p> <p><u>W.D. Jones</u></p> <p>Signature of Professional Surveyor</p> <p>Professional Surveyor</p> <p>W.D. No. 7977</p> <p>Certificate No. 60840 Jones 7977</p> <p>PROFESSIONAL LAND SURVEYOR</p>



KAA_OIL_DAY	EUR	2/2001	4183	33331	37514	18.077	40.1	59.390261	1.010000	1.5
Qual=	EUR	2/2001	4183	33331	37514	18.077	40.1	59.390261	1.010000	1.5
Ref=	EUR	2/2001	4183	33331	37514	18.077	40.1	59.390261	1.010000	1.5
Cum=	EUR	2/2001	4183	33331	37514	18.077	40.1	59.390261	1.010000	1.5
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Qref=	EUR	2/2001	4183	33331	37514	18.077	40.1	59.390261	1.010000	1.5
De=	EUR	2/2001	4183	33331	37514	18.077	40.1	59.390261	1.010000	1.5
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Qab=	EUR	2/2001	4183	33331	37514	18.077	40.1	59.390261	1.010000	1.5

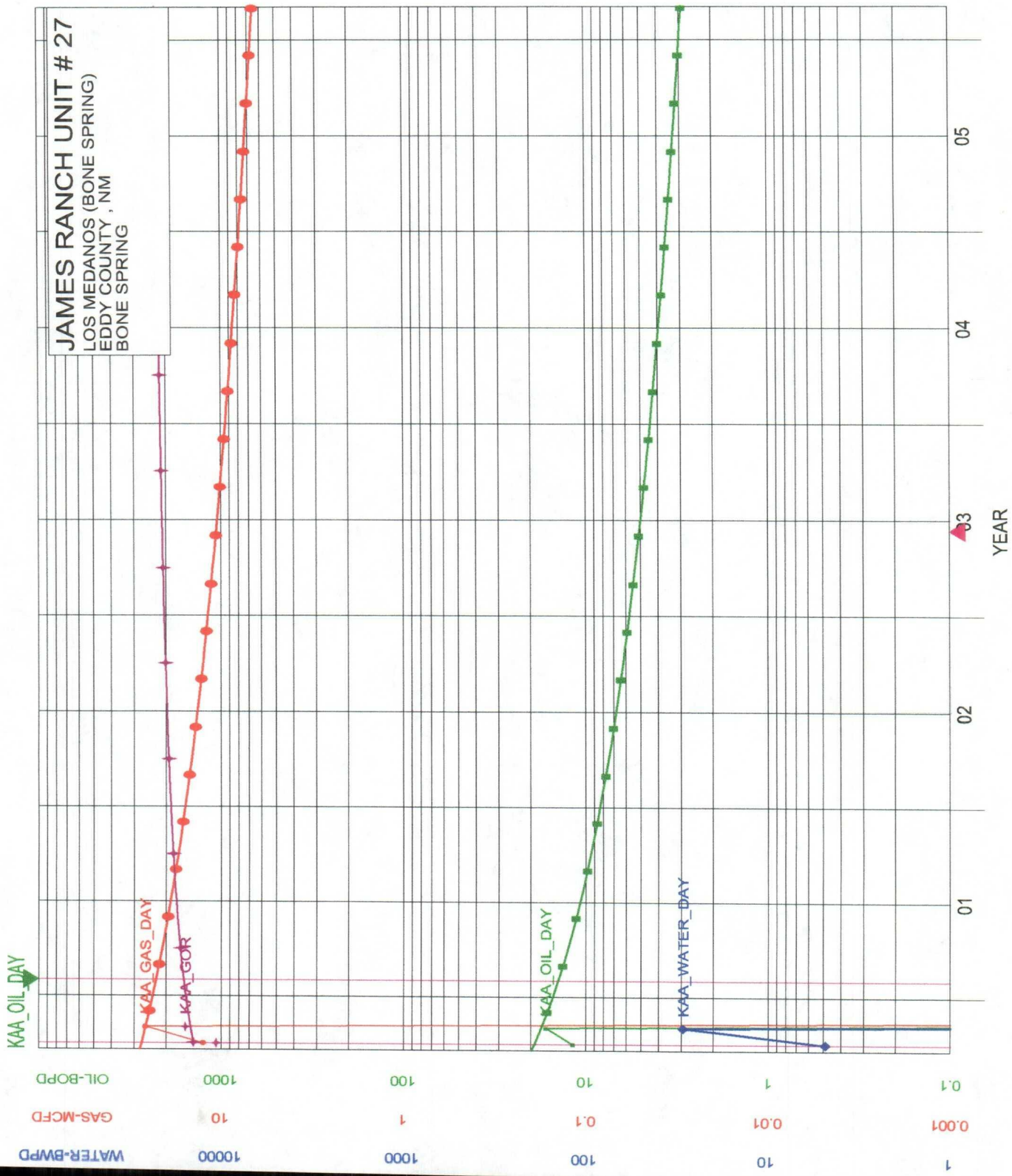
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Qref=	EUR	2/2001	7558	210873	218431	18.079	109.1	28.210000	0.990000	13.4
De=	EUR	2/2001	7558	210873	218431	18.079	109.1	28.210000	0.990000	13.4
b=	EUR	2/2001	7558	210873	218431	18.079	109.1	28.210000	0.990000	13.4
Qab=	EUR	2/2001	7558	210873	218431	18.079	109.1	28.210000	0.990000	13.4

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Rem=	EUR	2/2001	18590.0	18590.0	18590.0	18.079	109.1	28.210000	0.990000	13.4
Yrs=	EUR	2/2001	18590.0	18590.0	18590.0	18.079	109.1	28.210000	0.990000	13.4
Qref=	EUR	2/2001	18590.0	18590.0	18590.0	18.079	109.1	28.210000	0.990000	13.4
De=	EUR	2/2001	18590.0	18590.0	18590.0	18.079	109.1	28.210000	0.990000	13.4
b=	EUR	2/2001	18590.0	18590.0	18590.0	18.079	109.1	28.210000	0.990000	13.4
Qab=	EUR	2/2001	18590.0	18590.0	18590.0	18.079	109.1	28.210000	0.990000	13.4

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Cum=	EUR	2/2001	18.000	0.000000	0.000000	2.7	0.000000	0.000000	0.0	0.0
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Yrs=	EUR	2/2001	18.000	0.000000	0.000000	2.7	0.000000	0.000000	0.0	0.0
Qref=	EUR	2/2001	18.000	0.000000	0.000000	2.7	0.000000	0.000000	0.0	0.0
De=	EUR	2/2001	18.000	0.000000	0.000000	2.7	0.000000	0.000000	0.0	0.0
b=	EUR	2/2001	18.000	0.000000	0.000000	2.7	0.000000	0.000000	0.0	0.0
Qab=	EUR	2/2001	18.000	0.000000	0.000000	2.7	0.000000	0.000000	0.0	0.0

GOR-MCF/BBL 1 0.1 0.01 0.001 0.0001

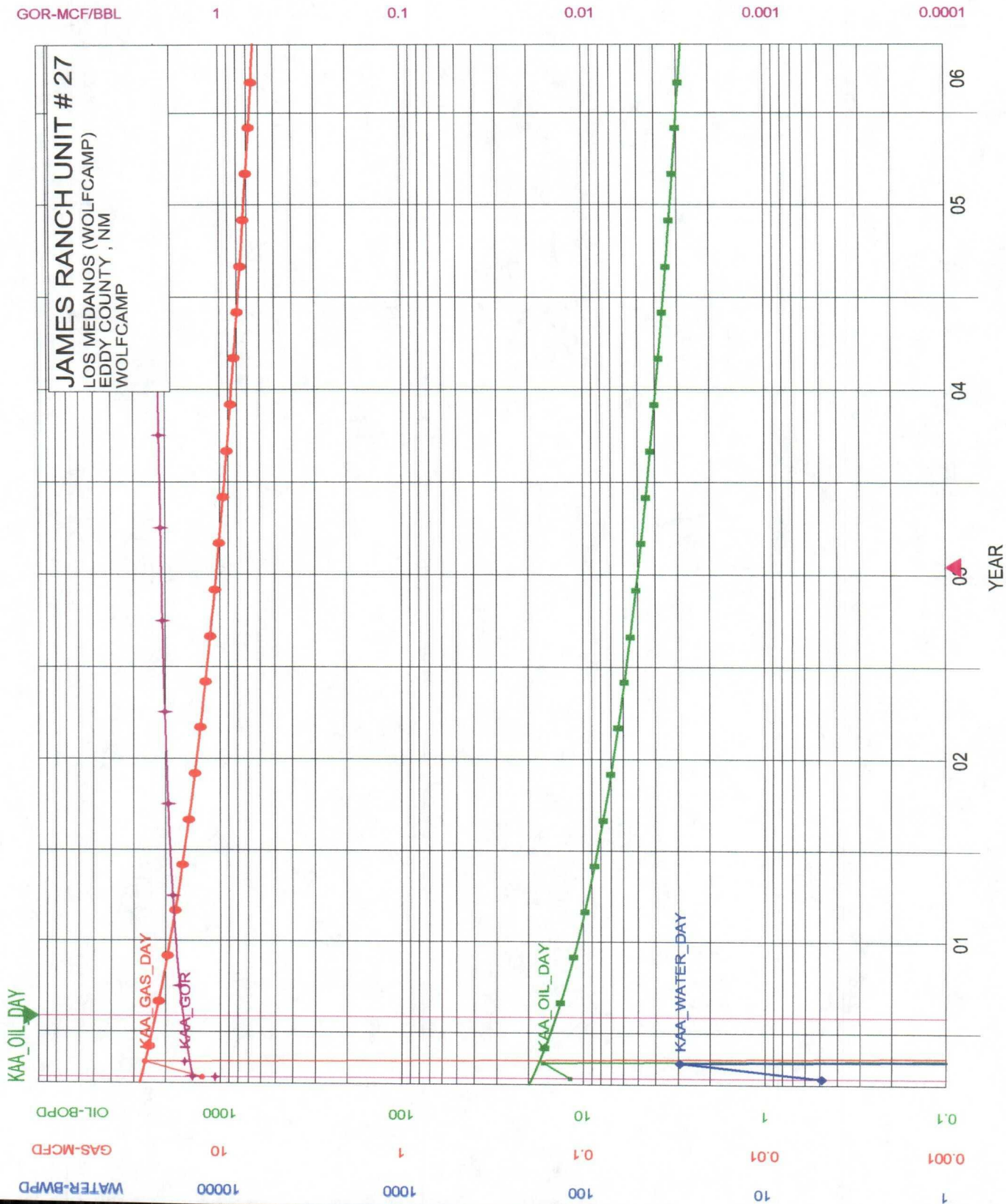
JAMES RANCH UNIT # 27
 LOS MEDANOS (BONE SPRING)
 EDDY COUNTY, NM
 BONE SPRING



KAA_OIL_DAY	EUR
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Cum=	18189
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Qab=	1.0

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De=	0.000000
b=	0.000000
Qab=	0.0



KAA_OIL_DAY	EUR
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Ref=	888
Cum=	18189
Rem=	19057
EUR=	17.663
Yrs=	14.2
Qref=	43.384774
De=	1.010000
b=	1.0
Qab=	

KAA_GAS_DAY	EUR
Qual=	2/2001
Ref=	1188
Cum=	38236
Rem=	39424
EUR=	17.000
Yrs=	22.8
Qref=	32.695188
De=	1.010000
b=	2.5
Qab=	

KAA_WATER_DAY	EUR
Qual=	2/2001
Ref=	1058.0
Cum=	

KAA_GOR	EUR
Qual=	2/2001
Ref=	0
Cum=	0
Rem=	0
EUR=	17.000
Yrs=	1.6
Qref=	0.000000
De=	0.000000
b=	0.0
Qab=	

James Ranch Unit #27
DHC Allocation Factors

Year	Del Oil	BS Oil	Wfc Oil	Del Oil %	BS Oil %	Wfc Oil %	Del Gas	BS Gas	Wfc Gas	Del Gas %	BS Gas %	Wfc Gas %
2001	8513	3597	3597	54.2%	22.9%	22.9%	31177	6303	6303	71.2%	14.4%	14.4%
2002	4865	2514	2514	49.2%	25.4%	25.4%	25711	4961	4961	72.2%	13.9%	13.9%
2003	3268	1831	1831	47.2%	26.4%	26.4%	20474	3845	3845	72.7%	13.7%	13.7%
2004	2467	1442	1442	46.1%	27.0%	27.0%	17008	3141	3141	73.0%	13.5%	13.5%
2005	1983	1190	1190	45.4%	27.3%	27.3%	14543	2657	2657	73.2%	13.4%	13.4%
2006	1658	1014	1014	45.0%	27.5%	27.5%	12701	2302	2302	73.4%	13.3%	13.3%
2007	1426	883	883	44.7%	27.7%	27.7%	11272	2032	2032	73.5%	13.2%	13.2%
2008	1251	782	782	44.4%	27.8%	27.8%	10131	1818	1818	73.6%	13.2%	13.2%
2009	1114	702	702	44.2%	27.9%	27.9%	9199	1646	1646	73.6%	13.2%	13.2%
2010	1005	637	637	44.1%	28.0%	28.0%	8423	1503	1503	73.7%	13.2%	13.2%
2011	915	583	583	44.0%	28.0%	28.0%	7768	1383	1383	73.7%	13.1%	13.1%
2012	840	538	538	43.9%	28.1%	28.1%	7207	1281	1281	73.8%	13.1%	13.1%
2013	776	499	499	43.8%	28.1%	28.1%	6721	1193	1193	73.8%	13.1%	13.1%
2014	721	465	465	43.7%	28.2%	28.2%	6296	1117	1117	73.8%	13.1%	13.1%
2015	674	436	436	43.6%	28.2%	28.2%	5922	1050	1050	73.8%	13.1%	13.1%
2016	633	410	410	43.6%	28.2%	28.2%	5589	990	990	73.8%	13.1%	13.1%
2017	596	387	387	43.5%	28.2%	28.2%	5292	937	937	73.9%	13.1%	13.1%
2018	563	277	277	50.4%	24.8%	24.8%	5024	884	884	74.0%	13.0%	13.0%
Total	33267	18187	18187	47.8%	26.1%	26.1%	210459	39042	39042	72.9%	13.5%	13.5%