

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

District II
1301 W. Grand Avenue, Artesia, NM 88210-4

District III
1000 Rio Brazos Road, Artec, NM 87410

District IV
1020 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised May 15, 2000

RECEIVED

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

APPLICATION TYPE

☒ Single Well
Establish Pre-Approved Pools
EXISTING WELLBORE
☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING
DIVISION

Lynx Petroleum Consultants, Inc., P.O. Box 1708, Hobbs, NM 88241

Operator Address

Radar 24 Federal 1 C-24-19S-31E Eddy

Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. 13645 Property Code 26688 API No. 30-015-31357 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	W. Lusk Delaware		W. Lusk Bone Spring
Pool Code	97356 41640		41480
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	5297'-5316'		7268'-9696'
Method of Production (Flowing or Artificial Lift)	Pumping		Pumping
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)	Original 2200 psi Current estimated 1000 psi		Original 3500 psi Current estimated 1000 psi
Oil Gravity or Gas BTU (Degree API or Gas BTU)	30° API		38° API
Producing, Shut-In or New Zone	Producing		Shut-In
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: 12-26-04 Rates: 3 BO & 30 BW & 1 MCF	Date: Rates:	Date: Rates: 3 BO & 22 BW & 4 MCF
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil 50 % Gas 20 %	Oil % Gas %	Oil 50 % Gas 80 %

ADDITIONAL DATA

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

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

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

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

NMOCD Reference Case No. applicable to this well: _____

Attachments:

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

PRE-APPROVED POOLS

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

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

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

SIGNATURE Larry R. Scott TITLE President DATE 12-29-04

TYPE OR PRINT NAME Larry R. Scott TELEPHONE NO. (505) 392-6950

Attachments to Application for Downhole Commingling (Form C-107A)

1. C-102 for each zone is attached.
2. Production curves for West Lusk Bone Spring & West Lusk Delaware are attached.
3. Production allocation is based on last well test from the Bone Springs and current well test from the Delaware.
4. All working, royalty, and overriding royalty interests in both zones are common.

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-31357	Pool Code 41540	Pool Name Lusk Delaware West
Property Code 26688	Property Name RADAR "24" FEDERAL	Well Number 1
GRID No. 013645	Operator Name LYNX PETROLEUM CONSULTANTS, INC.	Elevation 3540

Surface Location

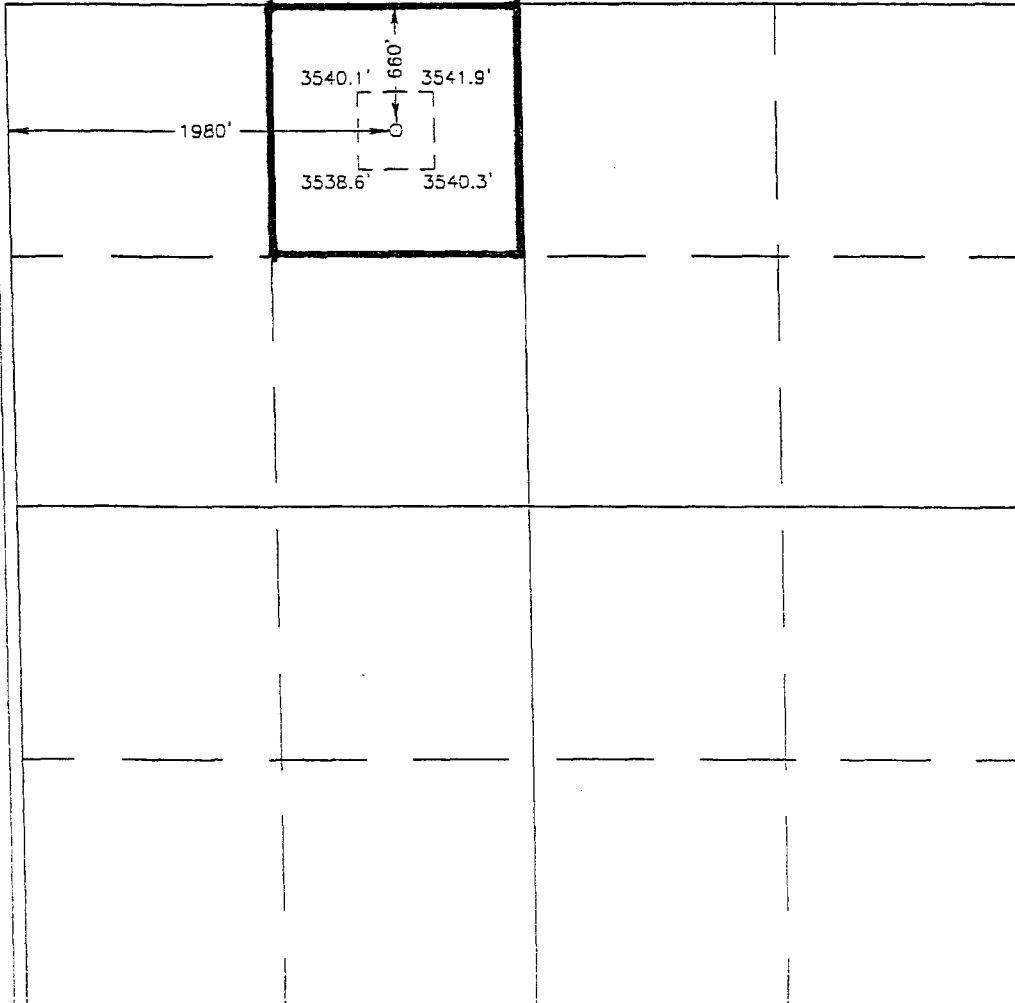
UL or lot No. C	Section 24	Township 19 S	Range 31 E	Lot Idn	Feet from the 660	North/South line NORTH	Feet from the 1980	East/West line WEST	County EDDY
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Bottom Hole Location if Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<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><i>Larry L. Scott</i> Signature Larry Scott Printed Name President Title 12/8/04 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>JULY 18, 2000 Date Surveyed Signature & Seal of Professional Surveyor <i>Ronald J. Eidson</i> 7/19/00 00-15-0864 Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12641 MACON McDONALD 12185</p>
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DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals and Natural Resources Department

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

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

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

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-31357	Pool Code 41480	Pool Name LUSK; BONE SPRING, W.
Property Code 26688	Property Name RADAR "24" FEDERAL	Well Number 1
OGRID No. 013645	Operator Name LYNX PETROLEUM CONSULTANTS, INC.	Elevation 3540

Surface Location

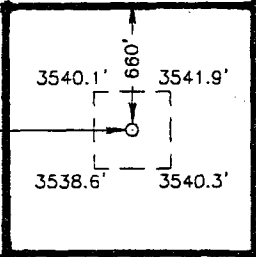
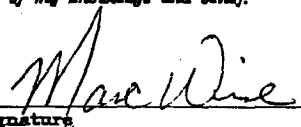
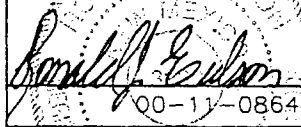
UL or lot No. C	Section 24	Township 19 S	Range 31 E	Lot Idn	Feet from the 660	North/South line NORTH	Feet from the 1980	East/West line WEST	County EDDY
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Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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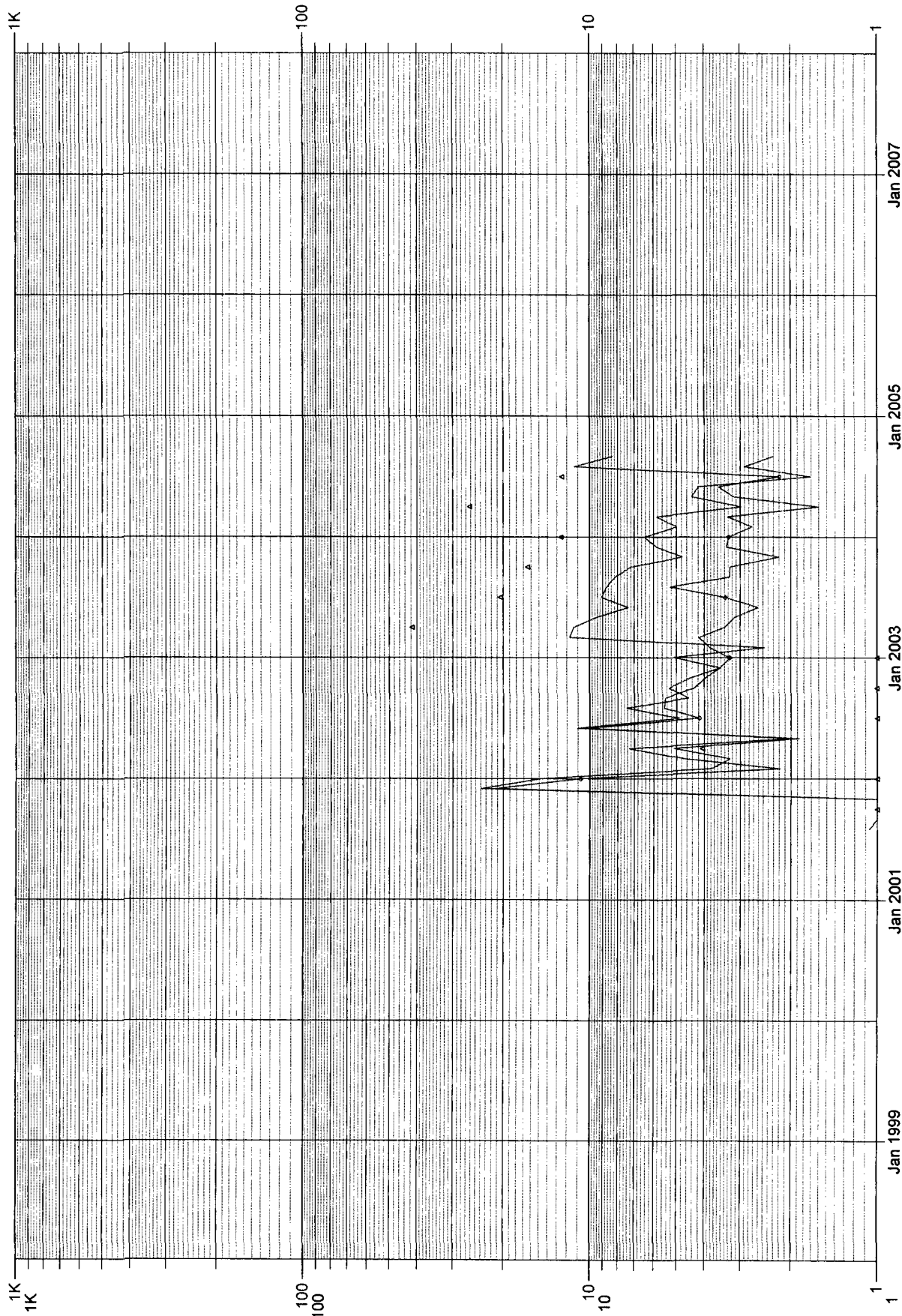
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION <i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Marc Wise Printed Name President Title 9/27/01 Date
	SURVEYOR CERTIFICATION <i>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.</i> JULY 18, 2000 Date Surveyed Signature & Seal of Professional Surveyor  Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12641 MACON McDONALD 12185

Field: LUSK (BONE SPRING, WEST) 41480
Operator: LYNX PETROLEUM CONSULTANTS INC 013645
Lease Name: RADAR 24 FEDERAL 001
LPD ID: 300153135741480
Location: 19S31E24C

County, State: EDDY, NM
Status and Date: ACT 2001/08/02
District: 2, Phase: OIL
Gas Cum: 6782, Oil Cum: 5073



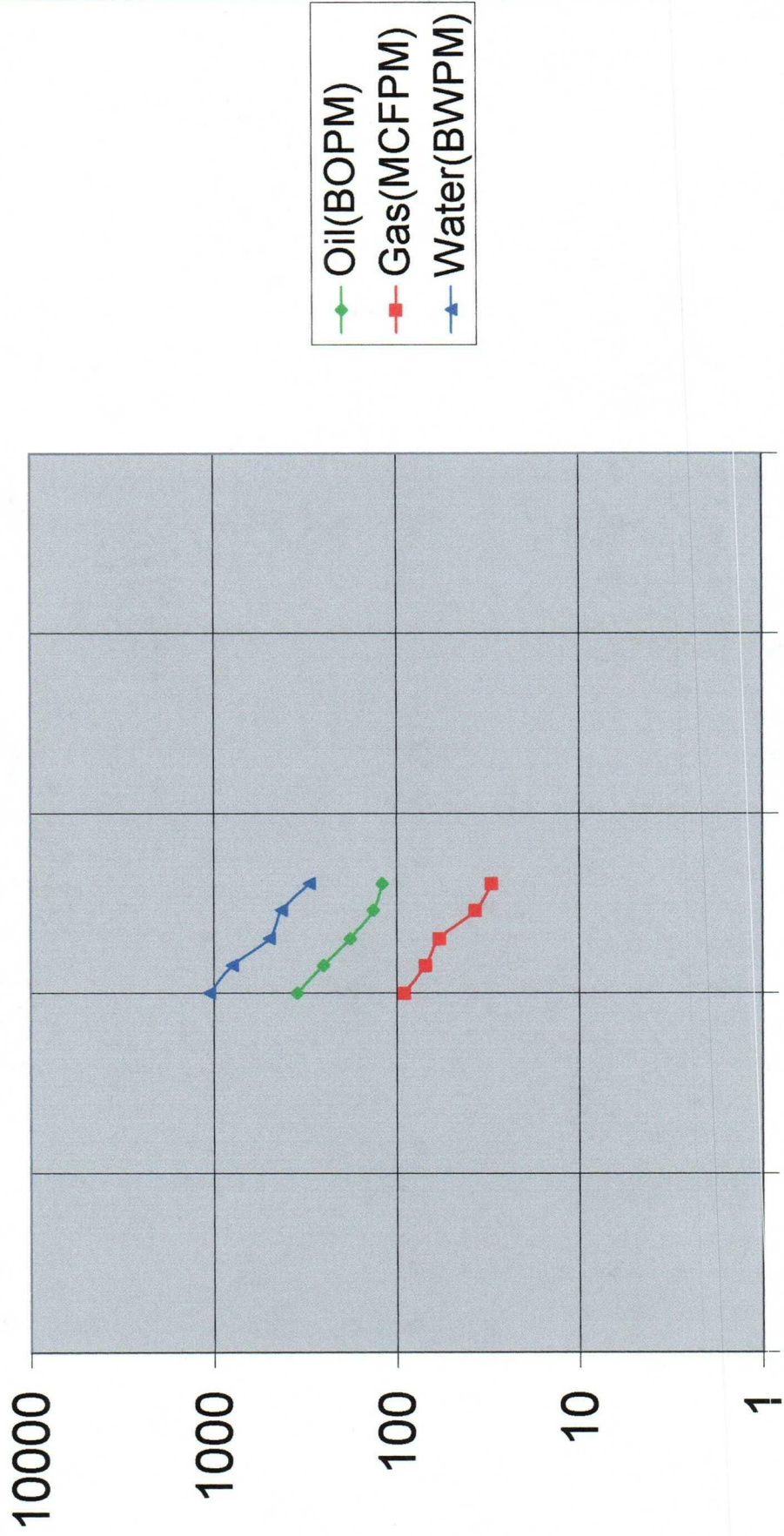
— Monthly Daily Average Gas Produced
▲ Monthly Daily Average Water
Rate Vs Time Graph All Data- Gas, Oil, Water

Monthly Daily Average Oil Produced

Copyright 14:47:06 12/14/04, Lasser, Inc.

CD Date: 2004/09

Radar '24' No. 1 Delaware



Jun-03 Jan-04 Aug-04 Feb-05 Sep-05 Mar-06