



Southern

Rockies

Business

Unit

September 10, 1996

Mr. William J. LeMay, Director
New Mexico Oil Conservation Division
2040 S. Pacheco Street
P. O. Box 6429
Santa Fe, NM 87505

Application for Exception to Rule 303-A
Downhole Commingling
Lodewick Well #1
Unit P Section 18-T27N-R9W
Basin Fruitland Coal and Fulcher Kutz Pictured Cliffs Pools
San Juan County, New Mexico

RECEIVED
SEP 16 1996
OIL CON. DIV.
DIST. 3

Enclosed please find an administrative application form (C-107-A) and attachments for downhole commingling for the captioned well. By copy of this application by certified mail, return receipt requested, Amoco is notifying all offset operators in the formations captioned above as well as all affected interest owners if the ownership of those formations is not common. The Division Director may approve the proposed downhole commingling in the absence of a valid objection from any offset operator or any interest owner in those instances where ownership is not common in the zones to be commingled within 20 days after the receipt of the application if, in his opinion, waste will not result thereby, and correlative rights will not be violated.

Should there be questions concerning this matter, please contact me at (303) 830-5344.

Sincerely,


Pamela W. Staley

Enclosures

cc: Steve Webb
Gail Jefferson
Wellfile
Proration File

Frank Chavez, Supervisor
NMOCD District III
1000 Rio Brazos Road
Aztec, NM 87410

Duane Spencer
Bureau of Land Management
1235 La Plata Hwy.
Farmington, NM 87401

DISTRICT II
811 South First St., Artesia, NM 88210-2835

2040 S. Pacheco
Santa Fe, New Mexico 87505-6429

DISTRICT III
1000 Rio Brazos Rd. Aztec, NM 87410-1893

OIL CONSERVATION DIVISION
APPLICATION FOR DOWNHOLE COMMINGLING

APPROVAL PROCESS:
☒ Administrative ☐ Hearing
EXISTING WELLBORE
☒ YES ☐ NO

Amoco Production Company		P.O. Box 800 Denver, CO 80201	
Operator	1	Address	San Juan
LODEWICK		P-18-27N-9W	
Lease	Well No.	Unit Ltr. - Sec Twp - Rge	County
OGRID NO. 000778	Property Code 000807	API NO. 3004506564	Spacing Unit Lease Types: (check 1 or more) Federal ☒ State ☐ (and/or) Fee ☐

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zone	Lower Zone
1. Pool Name and Pool Code	BASIN FRUITLAND COAL 71629		FULCHER KUTZ PICTURED CLIFFS 77200
2. Top and Bottom of Pay Section (Perforations)	2150' - 2400' EST - TO BE PROVIDED AFTER SIDETRACK		2410' - 2480' EST - TO BE PROVIDED AFTER SIDETRACK
3. Type of production (Oil or Gas)	GAS		GAS
4. Method of Production (Flowing or Artificial Lift)	FLOWING		FLOWING
5. Bottomhole Pressure Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated or Measured Original	a. (Current) 450 PSI (EST) b. (Original) 790 PSI	a. b.	a. 200 PSI (EST) b. 657 PSI
6. Oil Gravity (* API) or Gas BTU Content	1100 BTU		950 BTU
7. Producing or Shut-In?	SIDETRACK PAST DAMAGE		SIDETRACK PAST DAMAGE
Production Marginal? (yes or no) • If Shut-In, give data 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 • If Producing, give date and oil/gas/water rates of recent test (within 60 days)	NO Date: Rates: (EST) 250 MCFD 0 BCPD 0 BWPD	RECEIVED SEP 16 1996 OIL CON. DIV. DIST. 3 Date: Rates:	YES Date: Rates: (EST) 70 MCFD 0 BCPD 0 BWPD
8. Fixed Percentage Allocation Formula -% for each zone	Oil: 0 % Gas 78 %	Oil: % Gas %	Oil: 100 % Gas 22 %

9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.
10. Are all working, overriding, and royalty interests identical in all commingled zones? ☒ Yes ☐ No
If not, have all working, overriding, and royalty interests been notified by certified mail? ☐ Yes ☐ No
Have all offset operators been given written notice of the proposed downhole commingling? ☒ Yes ☐ No
11. Will cross-flow occur? ☒ Yes ☐ No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable. ☒ Yes ☐ No (If No, attach explanation)
12. Are all produced fluids from all commingled zones compatible with each other? ☒ Yes ☐ No
13. Will the value of production be decreased by commingling? ☐ Yes ☒ No (If Yes, attach explanation)
14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States Bureau of Land Management has been notified in writing of this application. ☒ Yes ☐ No SF-047039A
15. NMOCD Reference Cases for Rule 303(D) Exceptions: ORDER NO(S) _____
16. 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. * SIDETRACK WELL
 - * Data to support allocation method or formula. SEE ATTACHED FOR DETAIL
 - * Notification list of all offset operators.
 - * Notification list of working, overriding, and royalty interests for uncommon interest cases.
 - * Any additional statements, data, or documents required to support commingling.

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

SIGNATURE Pamela W. Staley TITLE REGULATORY AFFAIRS REP DATE 9/6/96
TYPE OR PRINT NAME PAMELA W. STALEY TELEPHONE NO. (303) 830-5344

NEW MEXICO
OIL CONSERVATION COMMISSION

Gas Well Plat

Date December 10, 1954

<u>Three States Natural Gas Co.</u>	<u>Lodewick</u>	<u>1</u>
Operator	Lease	Well No.

Name of Producing Formation Pictured Cliffs Pool Kutz-Fulcher

No. Acres Dedicated to the Well 160

Indicate land status and show ownership **Federal**

SECTION 18 TOWNSHIP 27N RANGE 9W

x

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

Name John Carothers
Position Agent
Representing Three States Natural Gas Co.
Address Box 67, Farmington, New Mexico

(over)

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

to Gail Jefferson
Fr. Dorothy - OGD

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Amoco Production Company			Lease Lodewick		Well No. #1
Unit Letter P	Section 18	Township 27N	Range 9W	County NMPM	San Juan
Actual Footage Location of Well: 990' feet from the FSL line and 990' feet from the EWL line E/2					
Ground level Elev. 6478'	Producing Formation Fruitland Coal	Pool Basin Fruitland Coal Gas		Dedicated Acreage: 321.08 Acres	
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.? ☐ Yes ☐ No If answer is "yes" type of consolidation _____ If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, 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.

Signature

J.L. Hampton / Wdk

Printed Name

J.L. Hampton

Position

Sr. Staff Admin. Supr.

Company

Amoco Prod. Co.

Date

8/27/92

SURVEYOR CERTIFICATION

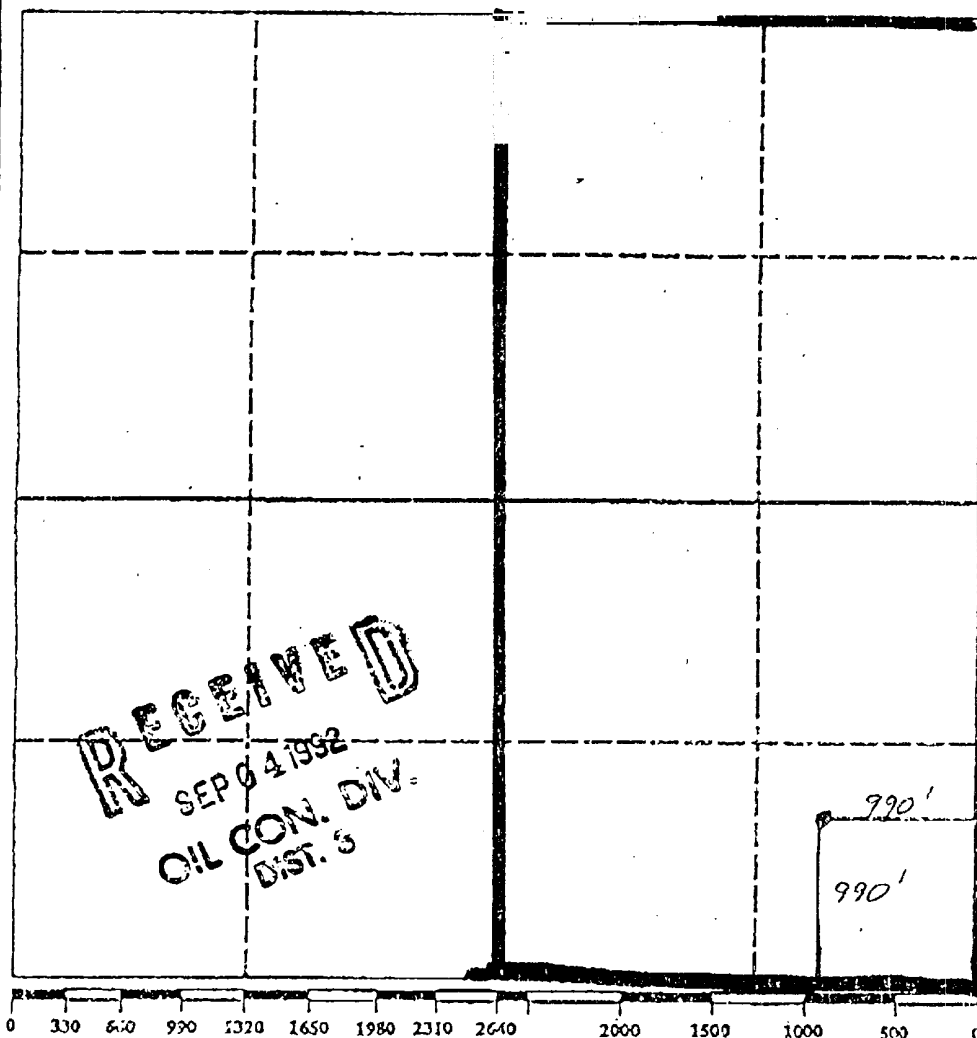
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

"on file"

Signature & Seal of Professional Surveyor

Certificate No.



PRODUCTION ESTIMATES
LODEWICK #1

The production rates for this well were estimated from nearby wells producing from the same formation. Attached are the production curves used in that analysis. As you can see from the analysis, the decline rates from the Fruitland and the Pictured Cliffs are essentially identical (0.085/yr and 0.087/yr respectively). Therefore, the use of the percentage allocation method should be accurate. .

ALLOCATION METHOD
LODEWICK #1

Initial production rates were based on offset analysis and are assumed to have wellhead compression involved. Allocation of all oil/condensate production was made to the Pictured Cliffs formation based on the comparison of Pictured Cliffs and Fruitland BTU values in the area. While the Pictured Cliffs is not anticipated to produce any associated liquids, this allocation was made due to that BTU analysis.

The estimated production rates were used to generate the percentage allocation factors on the form C-107-A. During the completion process the Pictured Cliffs zone will be flowed back after fracture stimulation until stabilized rate and pressures are reached. This rate will be used to assist in the final determination of the percentage allocations for each formation. Upon this determination, the allocation factors will be sent to the NMOCD and the BLM for their records.

BOTTOMHOLE PRESSURE ESTIMATES
LODEWICK #1

PICTURED CLIFFS

Amoco Lodewick #2

P/Z vs. cumulative plot indicates BHP of 230 PSI

Burlington Lodewick #1 P/Z vs. cumulative plot indicates BHP of 203 PSI

Therefore, use **200 PSI** as a conservative estimate

FRUITLAND COAL

Amoco Lodewick #1

6/92 SICP = 390 PSI (Last Production date)

$$\begin{aligned} \text{BHP} &= 390 + .04 (2298' \text{ to midperf}) \\ &= 482 \text{ PSI} \end{aligned}$$

Therefore, use **450 PSI** as a conservative estimate

Lodewick #1 FT/PC Sidetrack					
Commingling Data					
Offset PC Wells					
		Exponential			Exponential
		Decline			Decline
		Rate			Rate
Well Name	Operator	1/yr	Well Name	Operator	1/yr
Hanks #14E	BR	0.065	Angel Peak 24 L 9	Quintana	0.071
Hanks #5	BR	0.102	Angel Peak 24 H 14	Quintana	0.072
Whitley #1	BR	0.102	Angel Peak 13 M 1	Quintana	0.053
Lodewick #2	APC	0.072	Knauff 1	BR	0.102
Knauff #1	BR	0.09	Hanks 500	BR	0.087
Whitley #8	BR	0.091	McAdams A #1	BR	0.164
Riddle #1	BR	0.099	Lodewick #12	BR	0.077
Denman #1	BR	0.071	Lodewick #1	BR	0.073
Lodewick #3	BR	0.079	Reese Federal #1	BR	0.062
Lodewick #2	BR	0.105	Whitley #10	BR	0.117
Lodewick #1	APC	0.09	Hanks #23	BR	0.084
Knauff #2	BR	0.107			
Lodewick #1	BR	0.064			
J.C. Gordon #1	APC	0.057			
Lodewick LS #2	APC	0.081			
Average		0.085	Average		0.087

HANKS 14--E

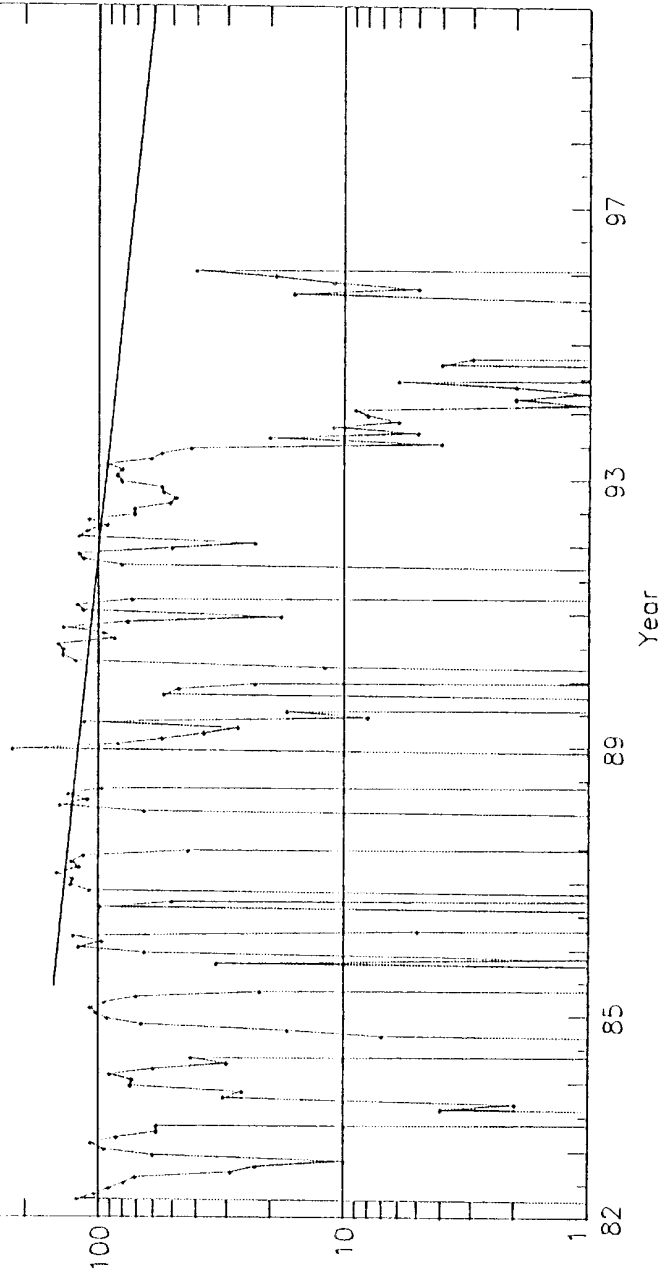
Operator-- SOUTHLAND ROYALTY COMPANY

300452447900 604PCCF

APC_WI - 0.0000000

CumG_70	-	0
CumO_70	-	0
CumGAS	-	241661
CumOIL	-	0

gos, MCFD



Reserves
0.065

DCLN
CurrQ
RemRes
EUR
Fil_date

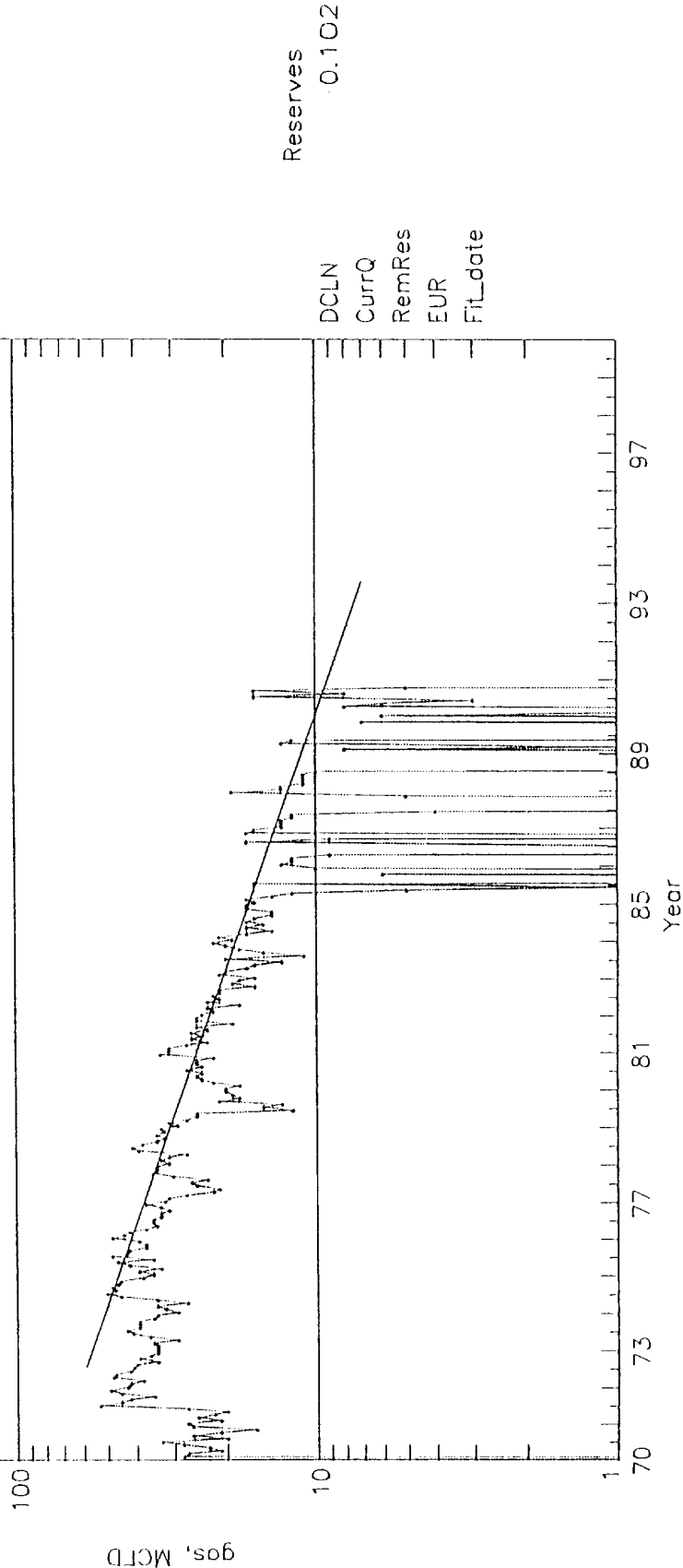
HANKS 5

300450664200 604PCCF

Operator- SOUTHLAND ROYALTY COMPANY

APC_WI - 0.0000000

CumG_70 -	344686
CumO_70 -	0
CumGAS -	522174
CumOIL -	0



HANKS 4

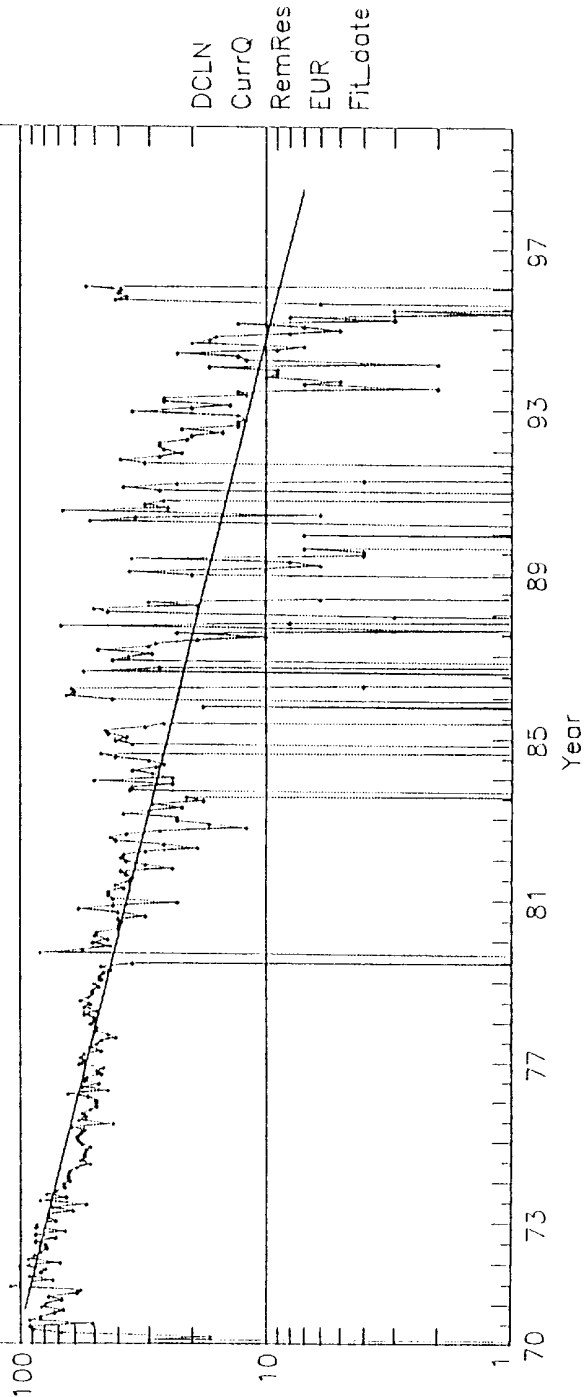
Operator- SOUTHLAND ROYALTY COMPANY

300450661700 604PCCF

APC_WI - 0.0000000

CumG_70	-	300442
CumO_70	-	0
CumGAS	-	657075
CumOIL	-	0

gas, MCFD



Reserves
0.095

DCLN
CurrQ
RemRes
EUR
Fit_date

Last Op. Forecast by None in None

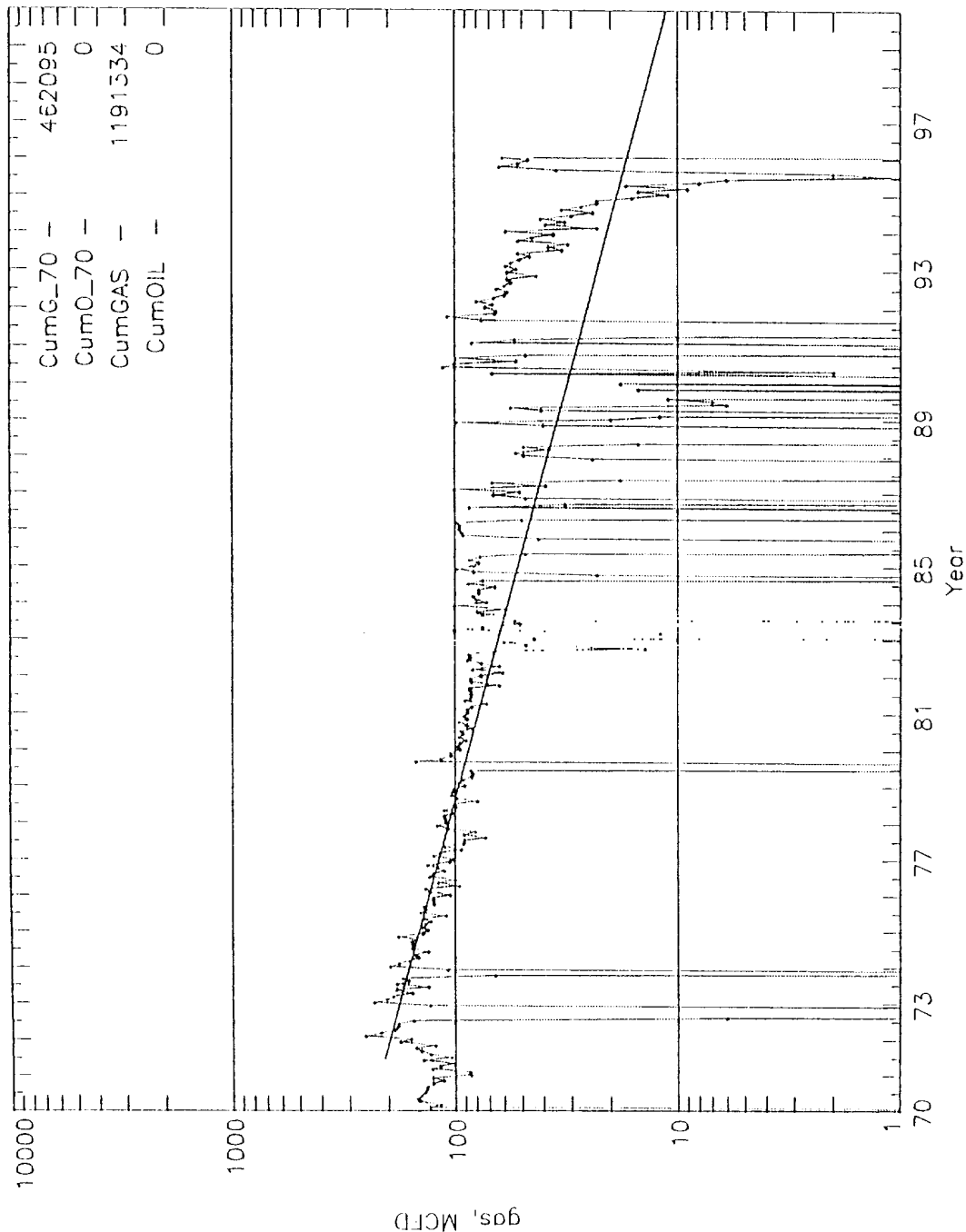
WHITLEY 1

Operator— SOUTHLAND ROYALTY COMPANY

300450653100 604PCCF

APC_WI — 0.0000000

CumG_70 — 462095
 CumO_70 — 0
 CumGAS — 1191334
 CumOIL — 0



Reserves
 0.102

LODEWICK 1-4,4E 002M18

Operator-- AMOCO PRODUCTION COMPANY

300450653700 604PCCF

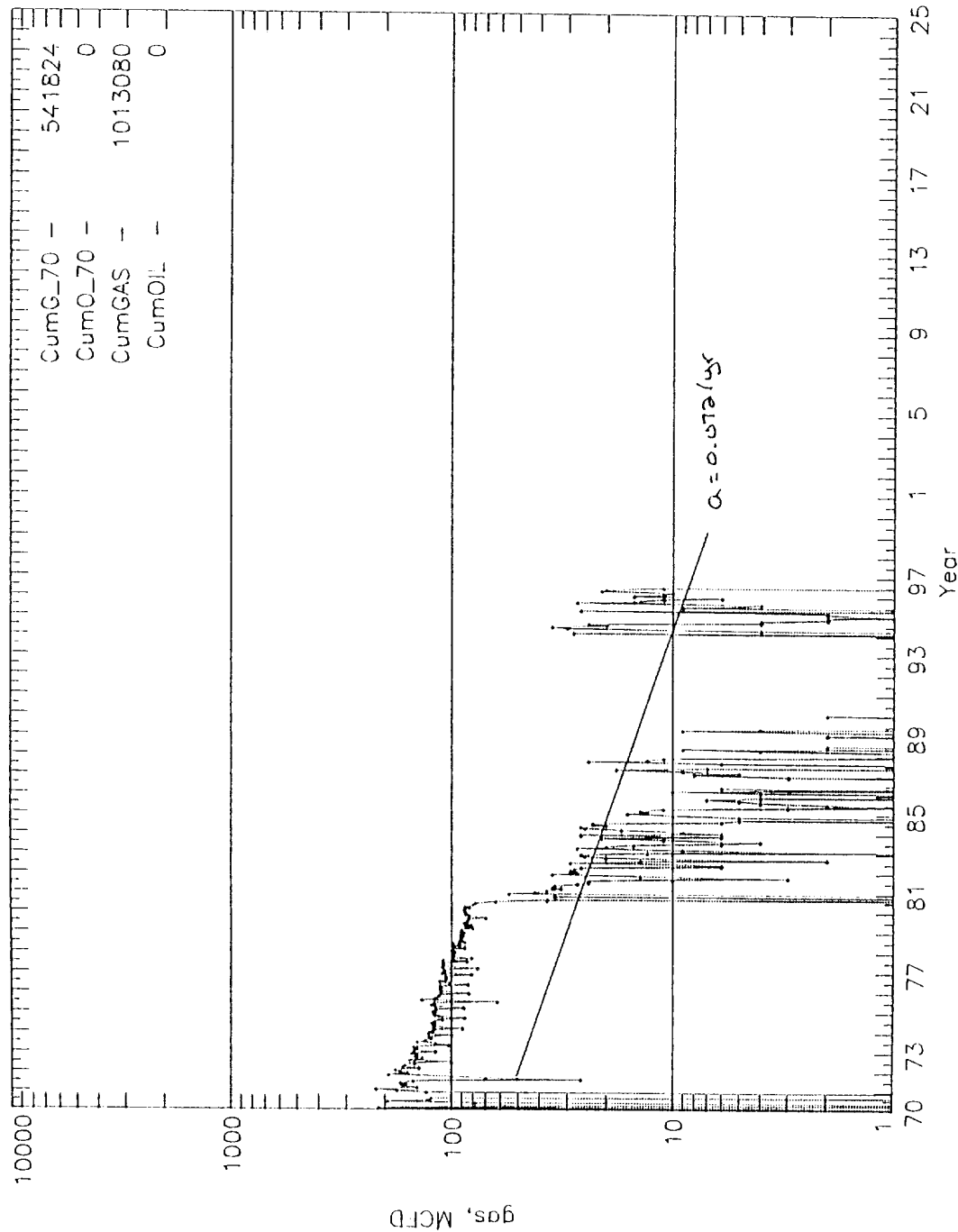
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CumG_70 - 541824

CumO_70 - 0

CumGAS - 1013080

CumOIL - 0



KNAUFF 1

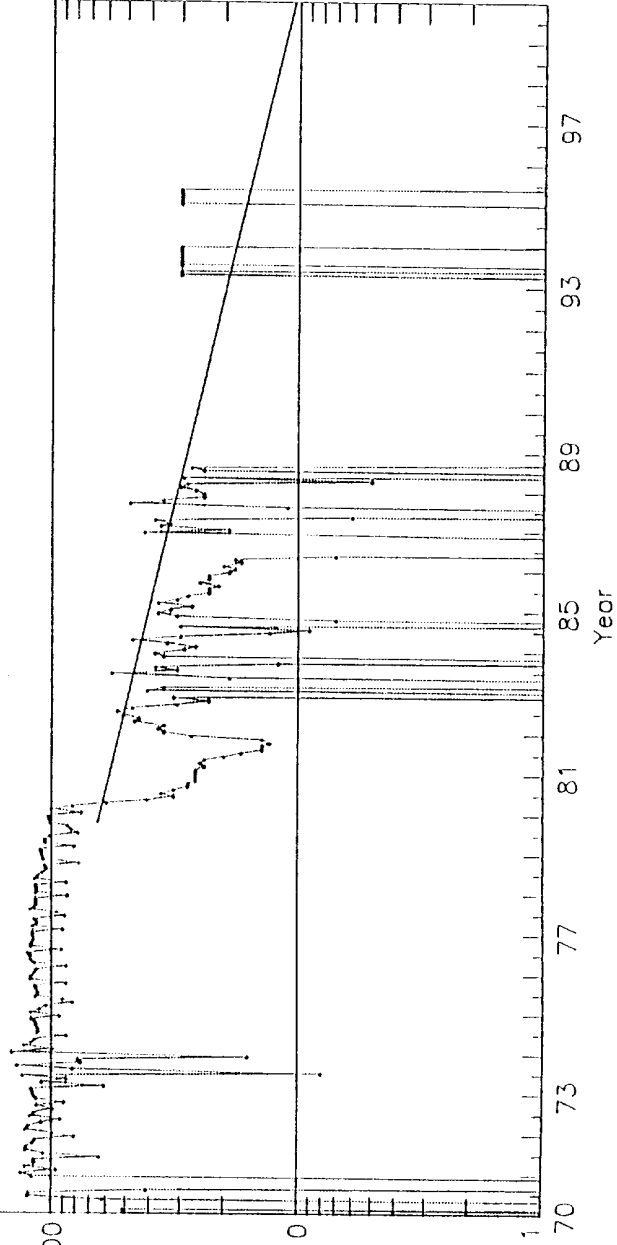
Operator— MERIDIAN OIL INCORPORATED

300450658800 604PCCF

APC_WI — 0.0000000

CumG_70 —	349859
CumO_70 —	0
CumGAS —	812886
CumOIL —	0

gas, MCFD



Reserves
0.090

DCLN
CurrQ
RemRes
EUR
Fit_date

Last Op. Forecast by None in None

Engr: zslw11

WHITLEY 8

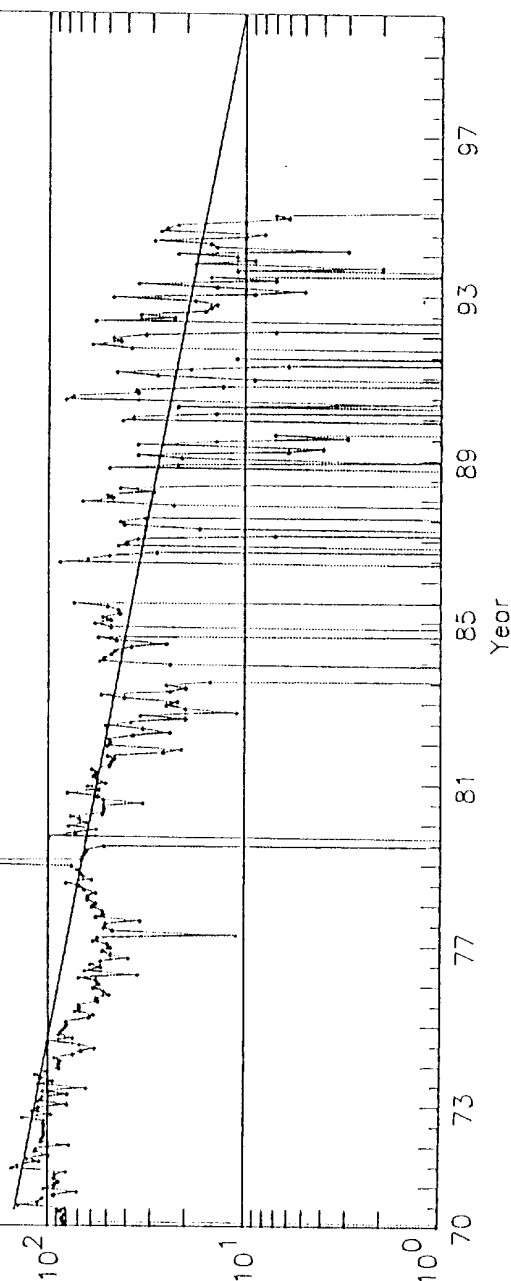
Operator— SOUTHLAND ROYALTY COMPANY

300451173300 604PCCF

APC_WI - 0.0000000

CumG_70 -	164096
CumO_70 -	0
CumGAS -	638424
CumOIL -	0

gas, MCFD



Reserves
0.091

DCLN
CurrQ
RemRes
EUR
Fit_date

Last Op. Forecast by None in None

Engr: zsiw111

RIDDLE 1

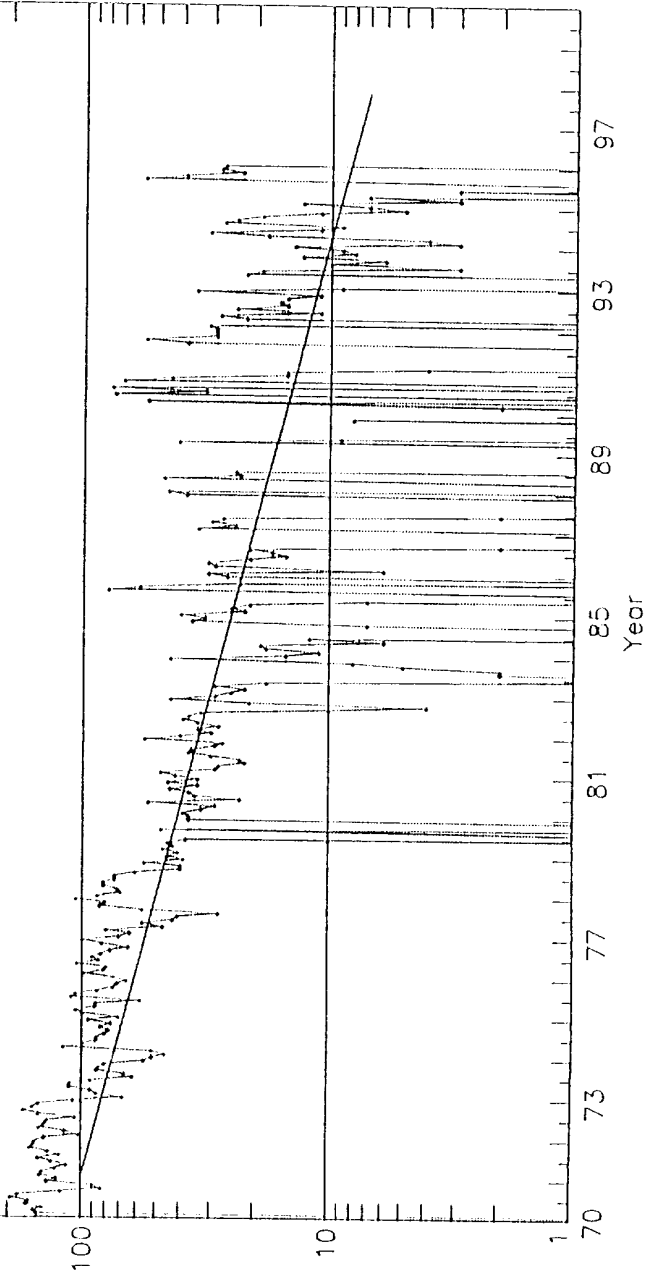
Operator— SOUTHLAND ROYALTY COMPANY

300450646000 604PCCF

APC_WI — 0.0000000

CumG_70 —	316144
CumO_70 —	0
CumGAS —	759130
CumOIL —	0

gas, MCFD



Reserves
0.099

DCLN
CurrQ
RemRes
EUR
FiLdate

Last Op. Forecast by None in None

Engr: zslw11

DENMAN 1

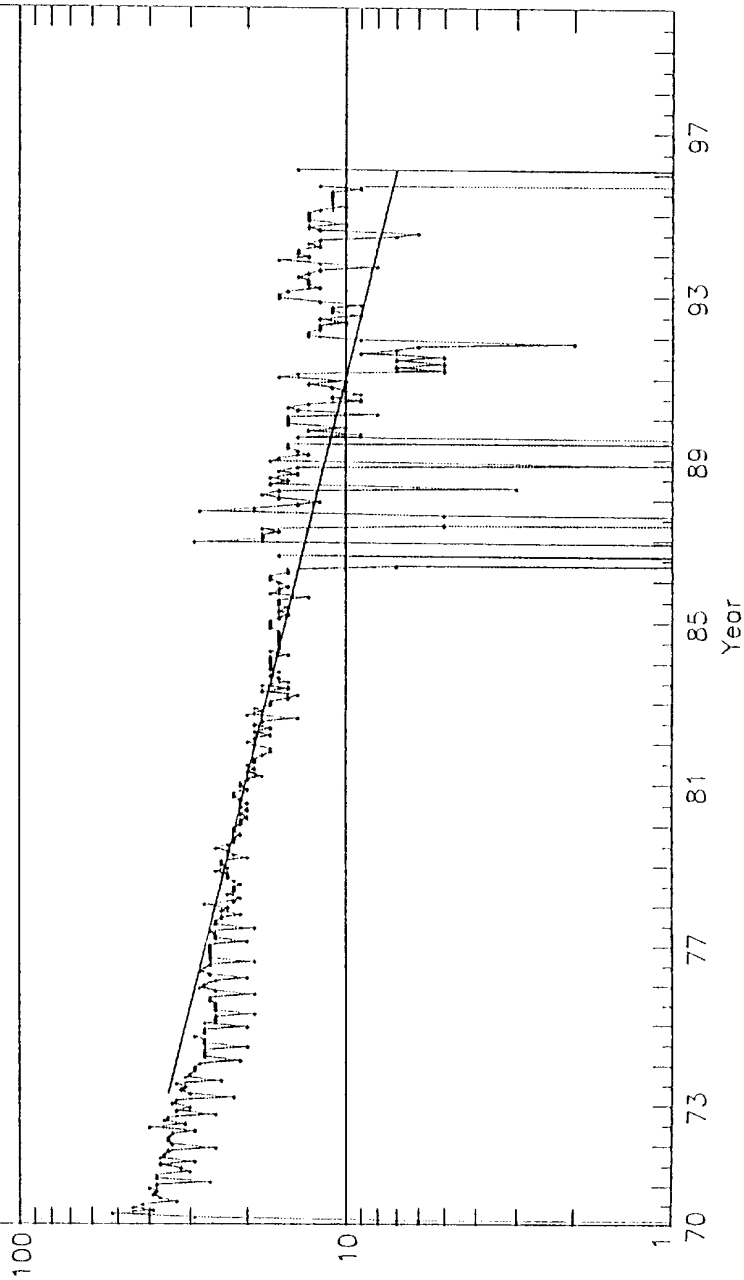
Operator— MERIDIAN OIL INCORPORATED

300450638900 604PCCF

APC_WI — 0.0000000

CumG_70 —	125522
CumO_70 —	0
CumGAS —	310108
CumOIL —	0

gas, MCFD



Reserves
0.071

DCLN
CurrQ
RemRes
EUR
Fit_date

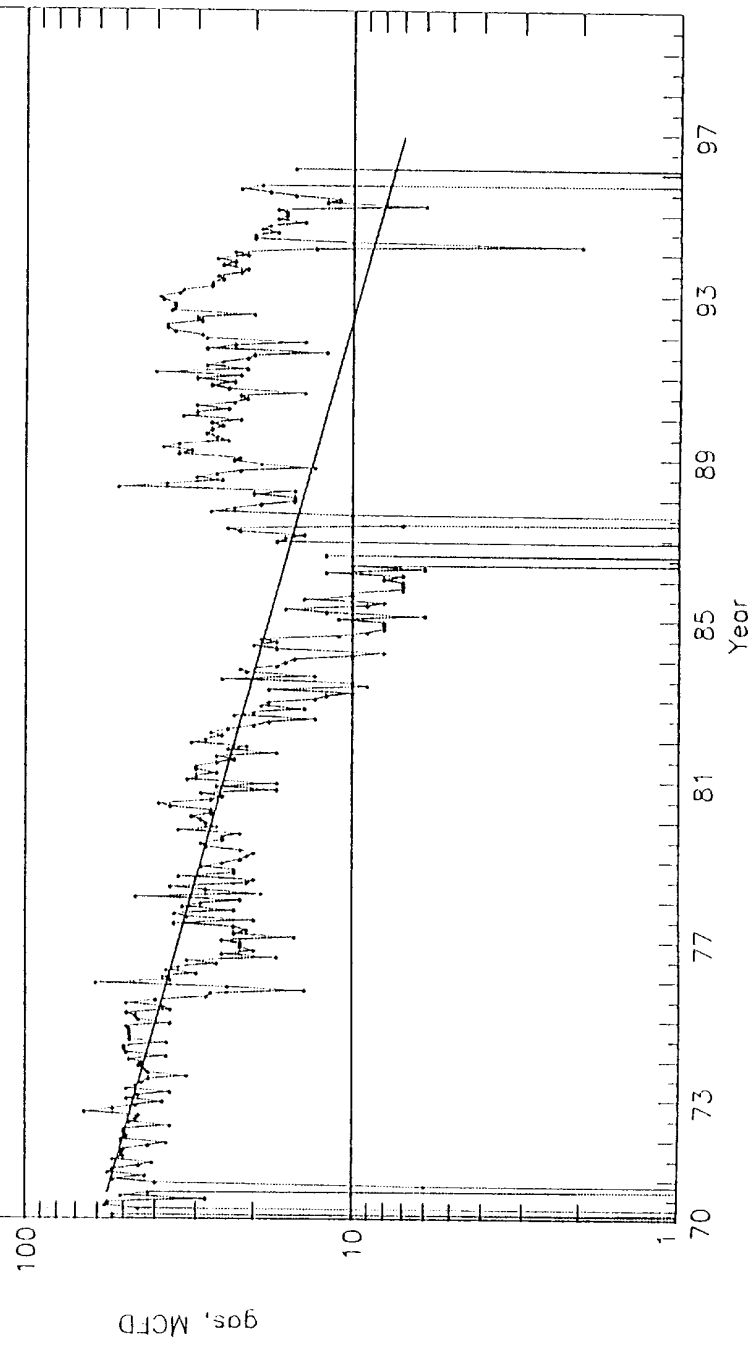
LODEWICK—FED 3

300450633100 604PCCF

Operator— MERIDIAN OIL INCORPORATED

APC_WI — 0.0000000

CumC_70 —	129562
CumO_70 —	0
CumGAS —	383466
CumOIL —	0



Engr: zslw11

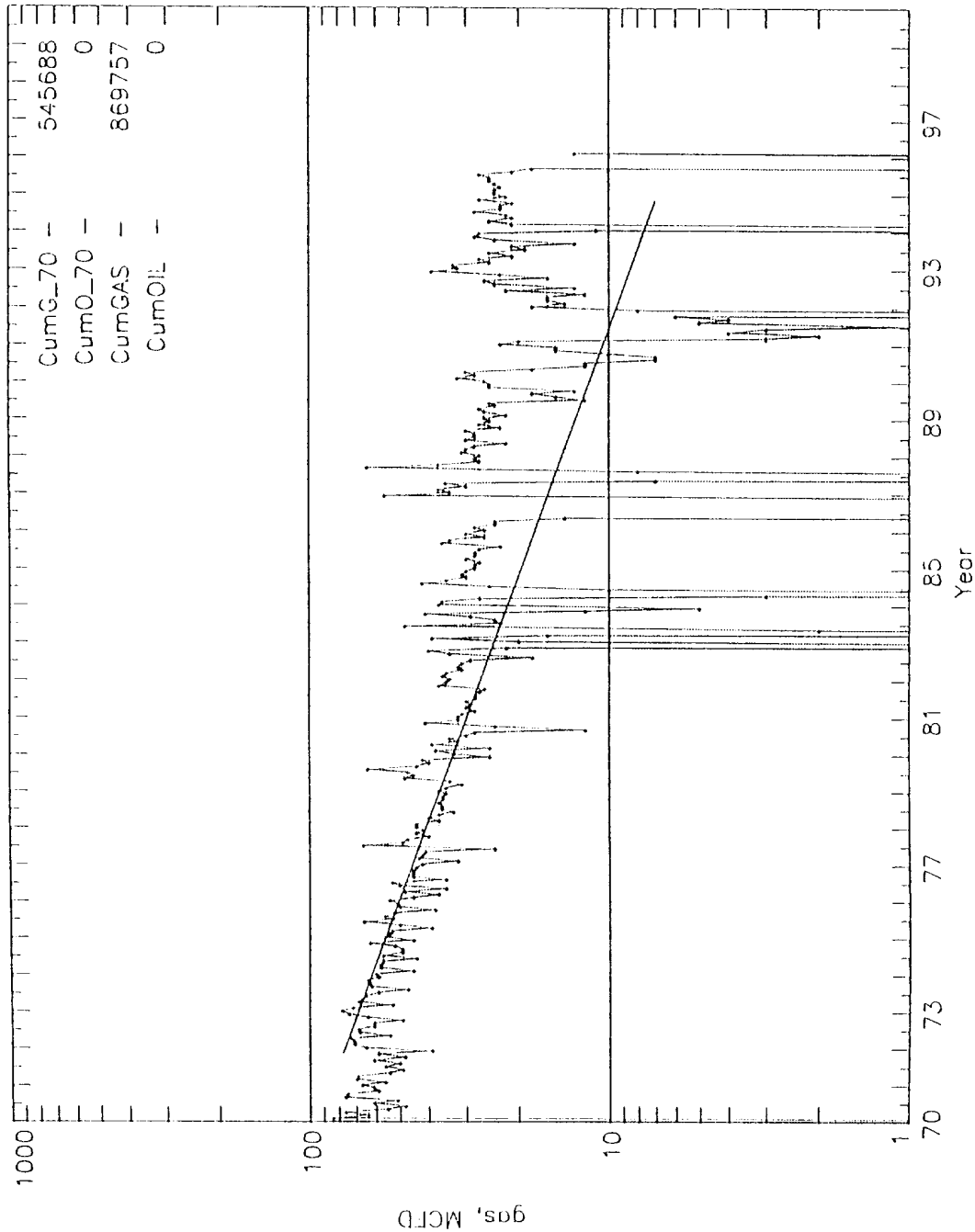
LODEWICK 2

Operator— MERIDIAN OIL INCORPORATED

300450641700 604PCCF

APC_WI — 0.0000000

CumG_70 — 545688
 CumO_70 — 0
 CumGAS — 869757
 CumOIL — 0



Reserves 0.105

DCLN
 CurrQ
 RemRes
 EUR
 Fit_date

Engr: zsiw1 1

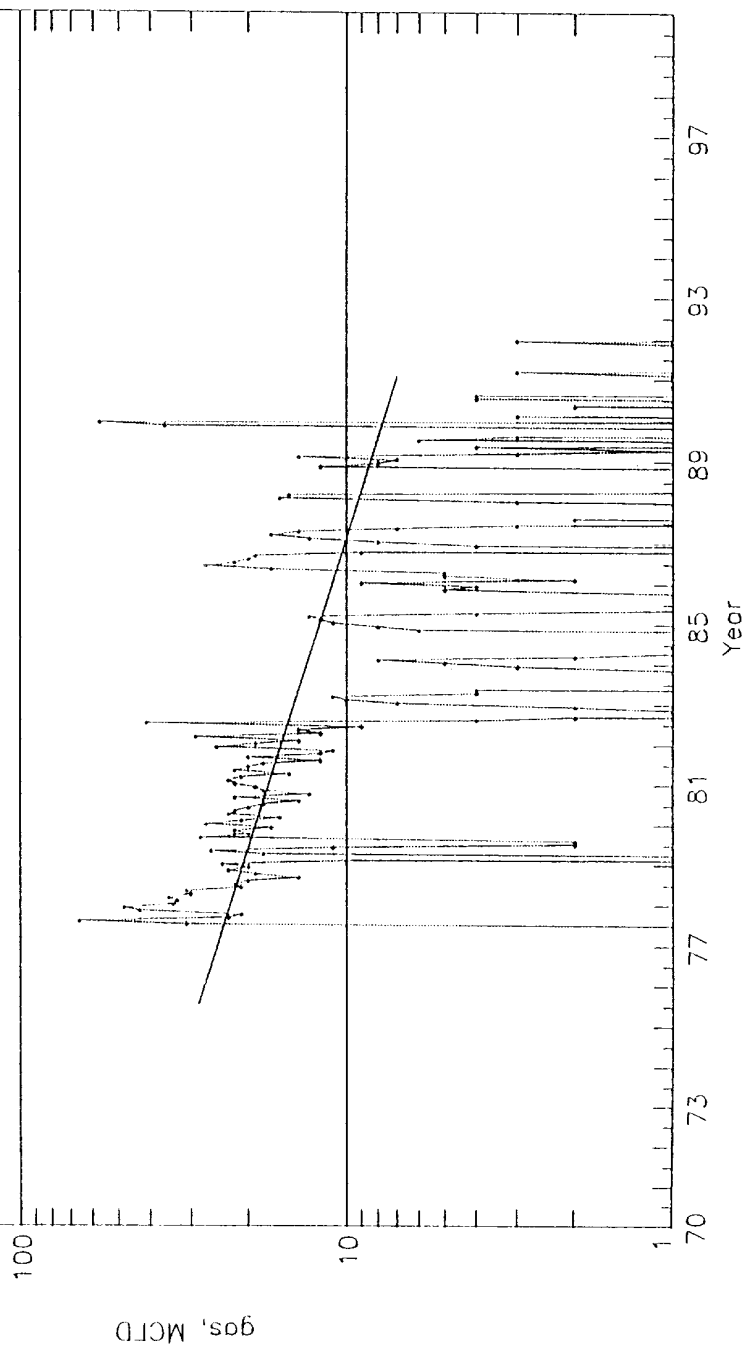
LODEWICK 1-4,4E 001P18

Operator- AMOCO PRODUCTION COMPANY

300450646300 604PCCF

APC_WI - 0.50000000

CumG_70 -	185981
CumO_70 -	0
CumGAS -	244228
CumOIL -	0



Reserves
0.090

DCLN
CurrQ
RemRes
EUR
Fit_date

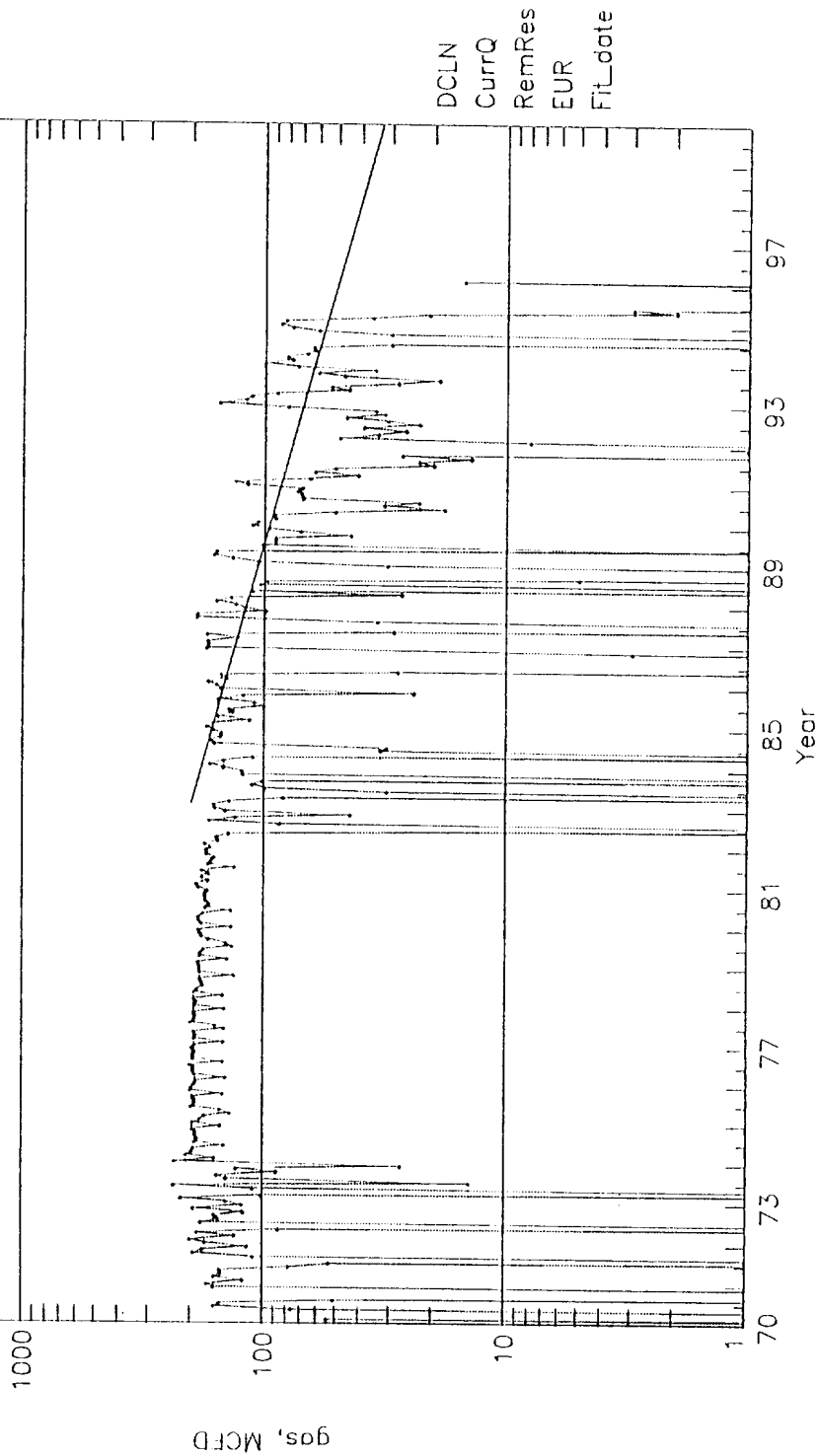
KNAUFF 2

Operator- MERIDIAN OIL INCORPORATED

300450649400 604PCCF

APC_WI - 0.0000000

CumG_70 -	492040
CumO_70 -	0
CumGAS -	1566263
CumOIL -	0



Reserves
0.107

DCLN
CurrQ
RemRes
EUR
FiLdate

LODEWICK 1

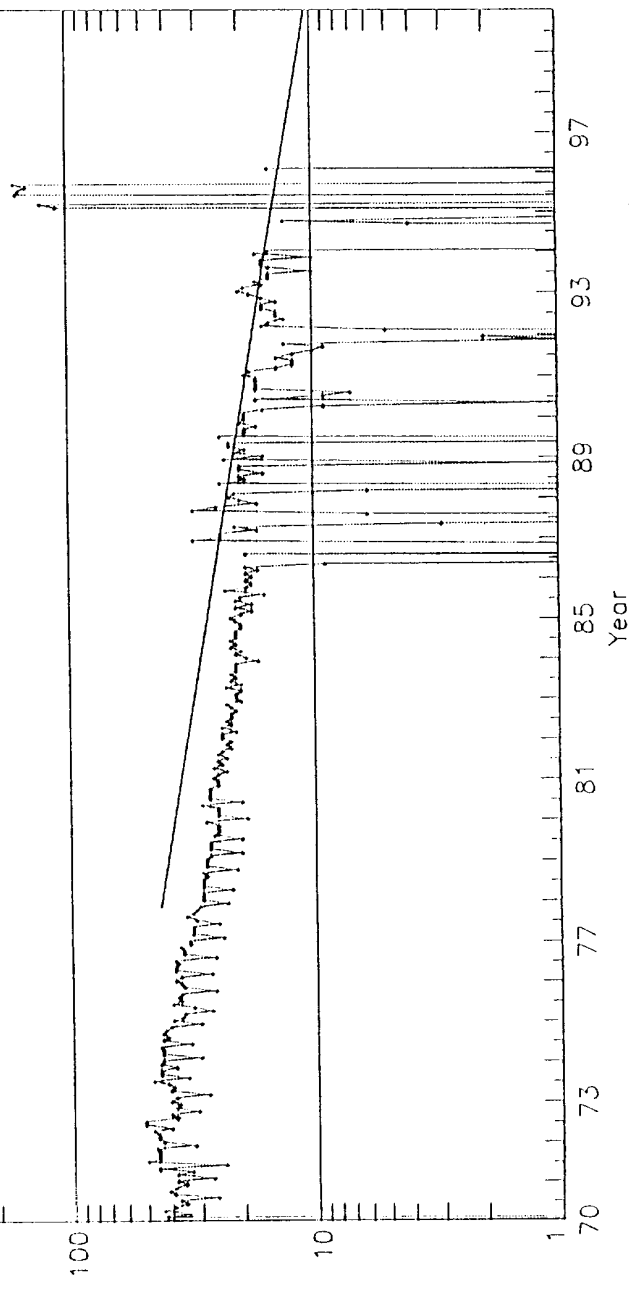
Operator— MERIDIAN OIL INCORPORATED

300450656400 604PCCF

APC_WI — 0.0000000

CumG_70 —	298984
CumO_70 —	0
CumGAS —	547594
CumOIL —	0

gas, MCFD



Reserves
0.064

Engr: zsiw11

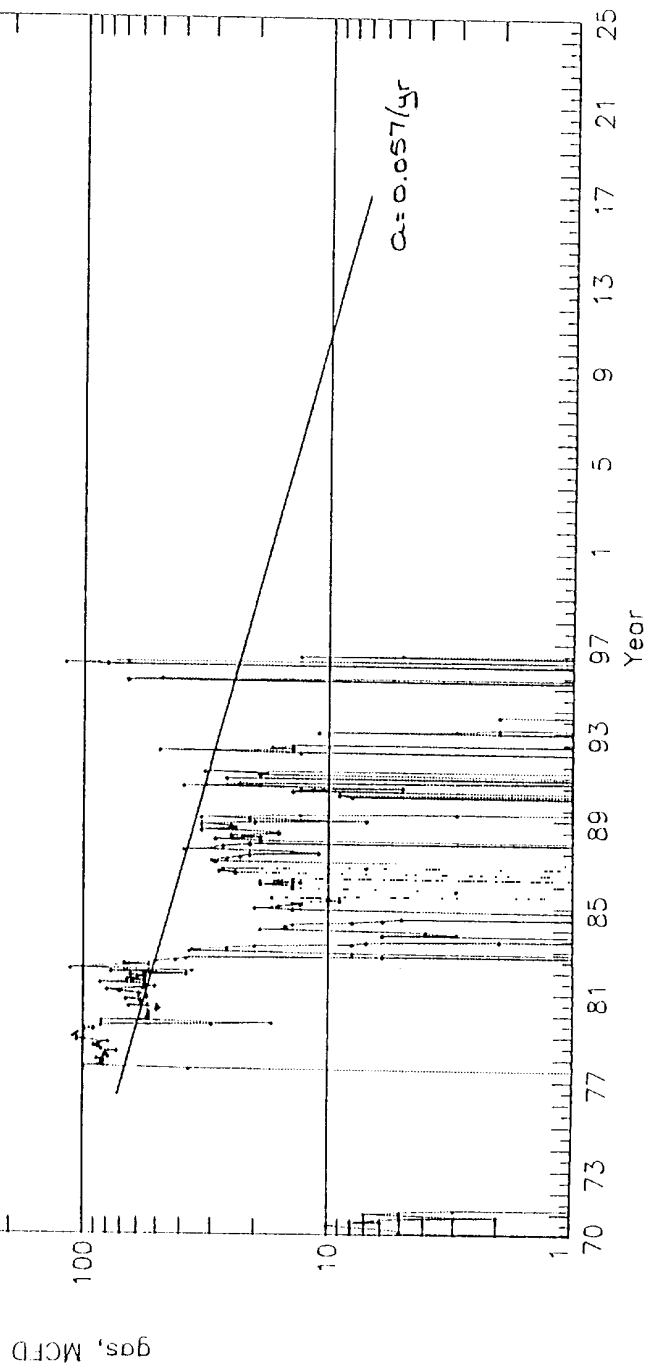
GORDON 1 001A24

Operator-- AMOCO PRODUCTION COMPANY

300450642400 604PCCF

APC_WI - 0.500000000

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CumO_70	-	0
CumGAS	-	463870
CumOIL	-	0



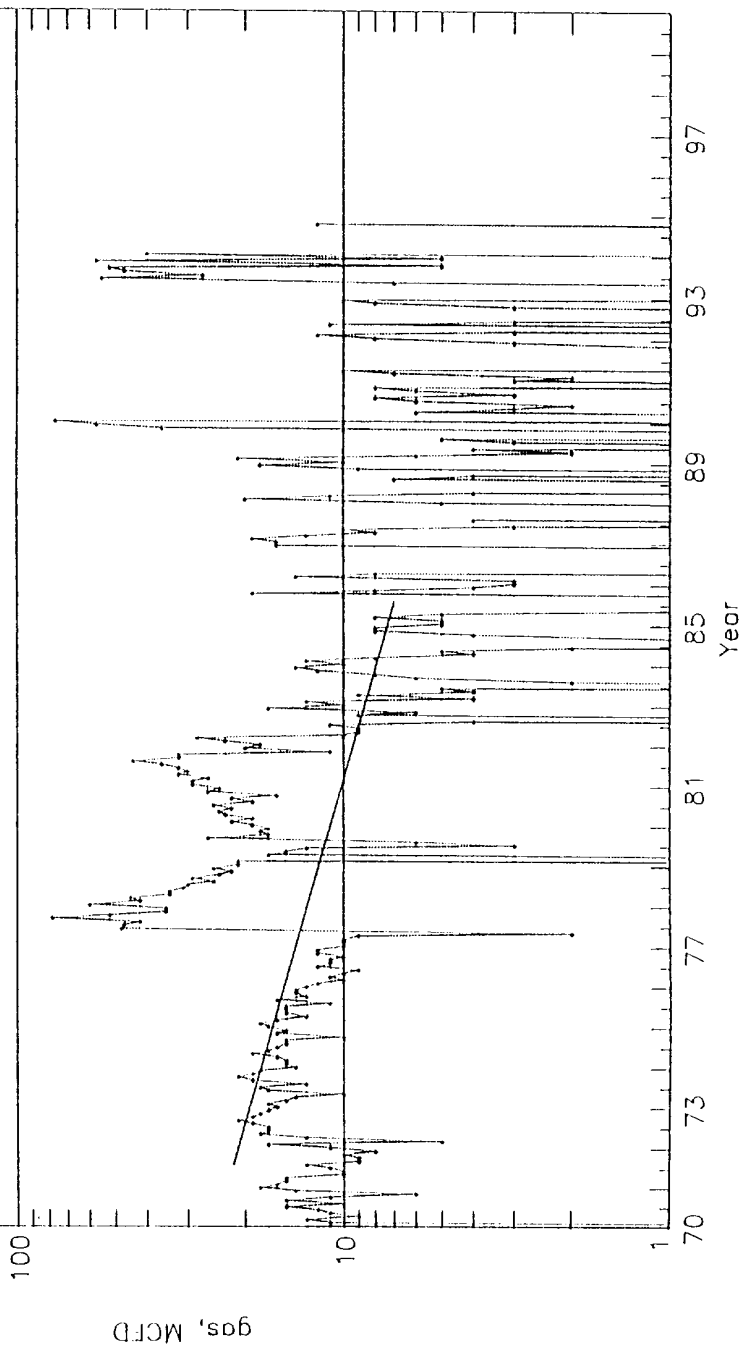
LODEWICK LS 2 002G18

Operator— AMOCO PRODUCTION COMPANY

300450646400 604PCCF

APC_WI — 0.50000000

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CumO_70	—	0
CumGAS	—	370064
CumOIL	—	0



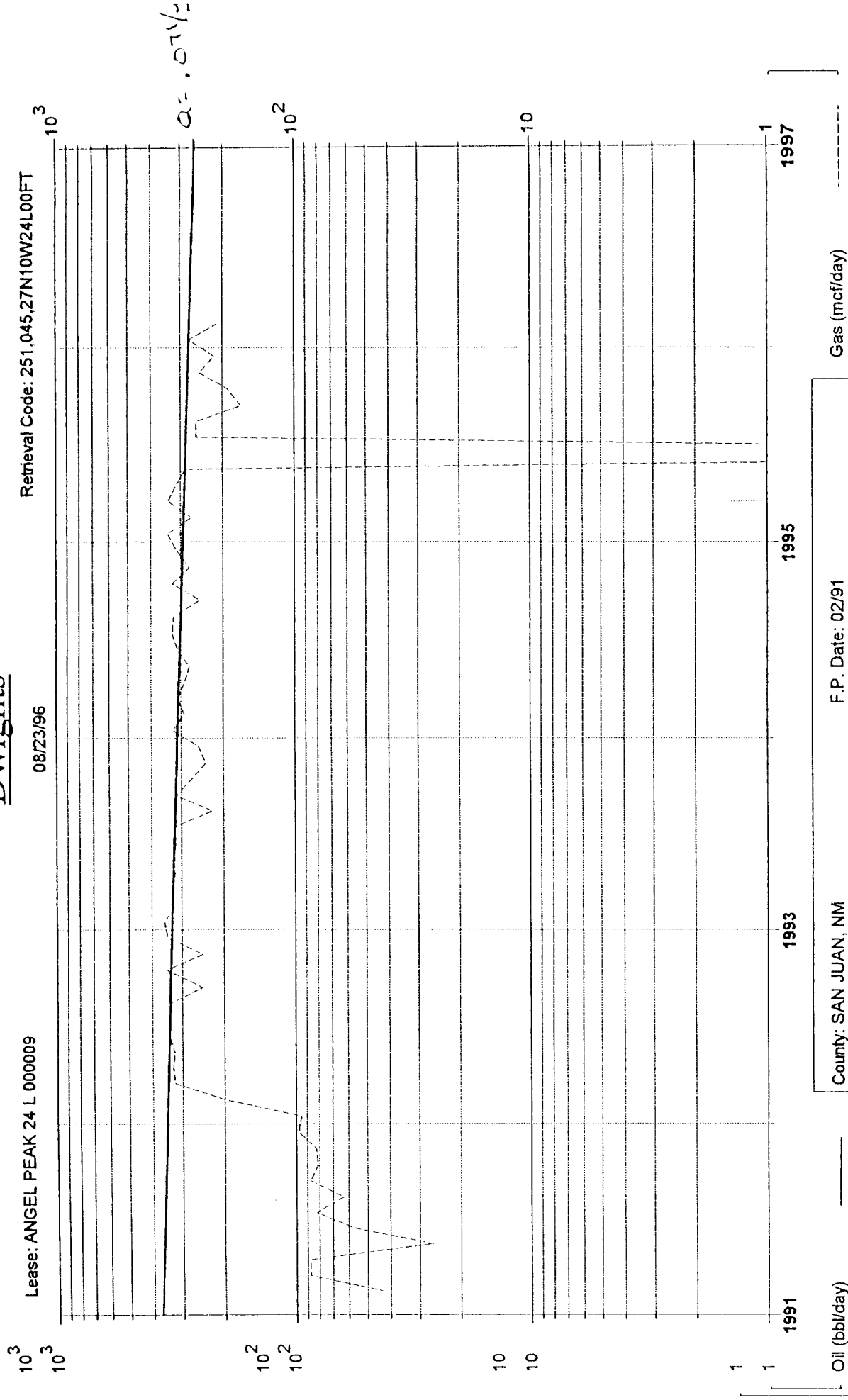
Reserves
0.081

Dwights

Lease: ANGEL PEAK 24 L 000009

08/23/96

Retrieval Code: 251,045,27N10W24L00FT



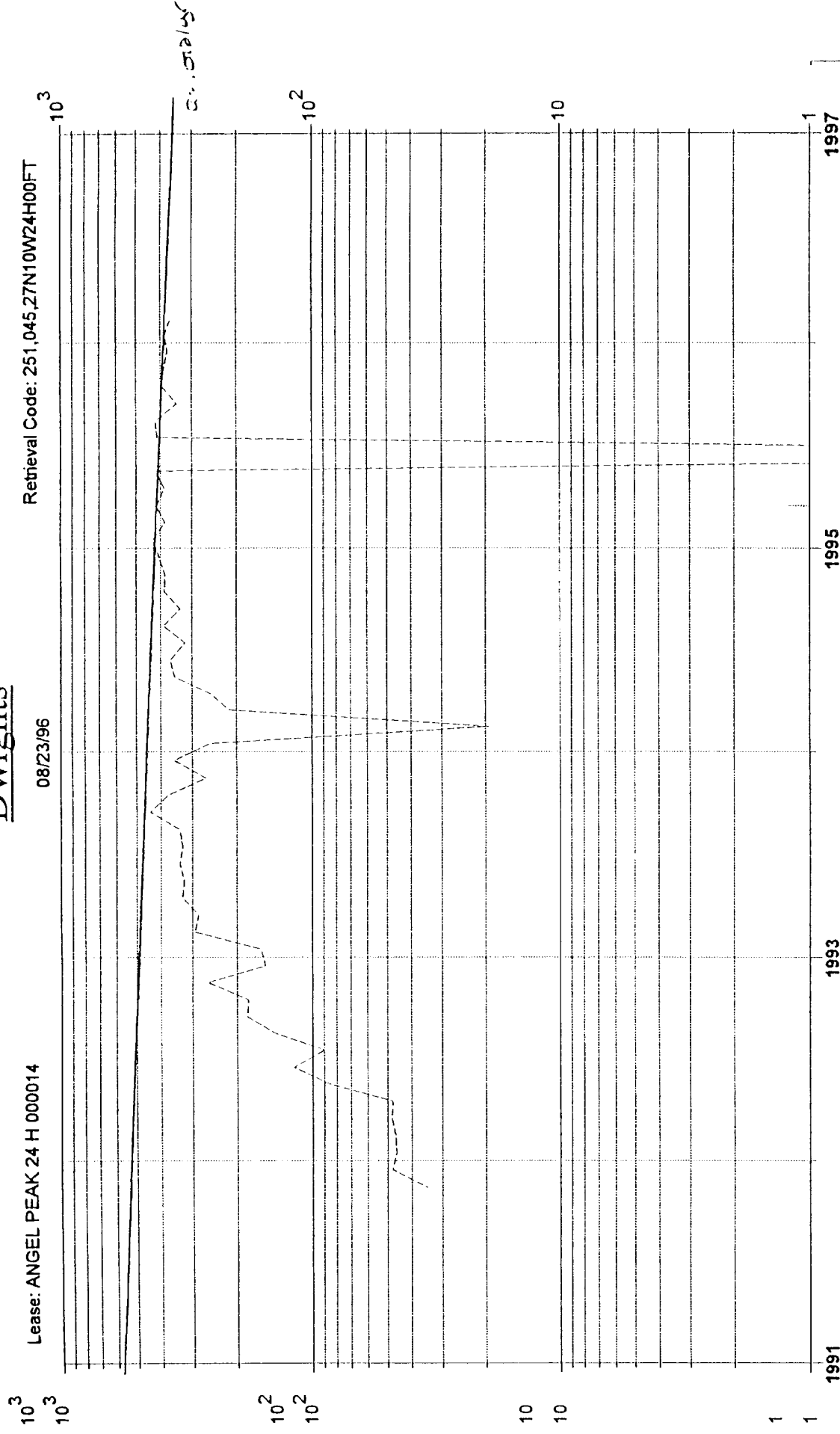
County: SAN JUAN, NM	F.P. Date: 02/91
Field: BASIN (FRUITLAND COAL) FT	Oil Cum: 0 bbl
Reservoir: FRUITLAND COAL	Gas Cum: 451.8 mmcf
Operator: QUINTANA PETROLEUM CORP	Location: 24L 27N 10W

Dwights

Lease: ANGEL PEAK 24 H 000014

08/23/96

Retrieval Code: 251,045,27N10W24H00FT



Gas (mcf/day)

F.P. Date: 11/91

Oil Cum: 0 bbl

Gas Cum: 429.3 mmcf

Location: 24H 27N 10W

County: SAN JUAN, NM

Field: BASIN (FRUITLAND COAL) FT

Reservoir: FRUITLAND COAL

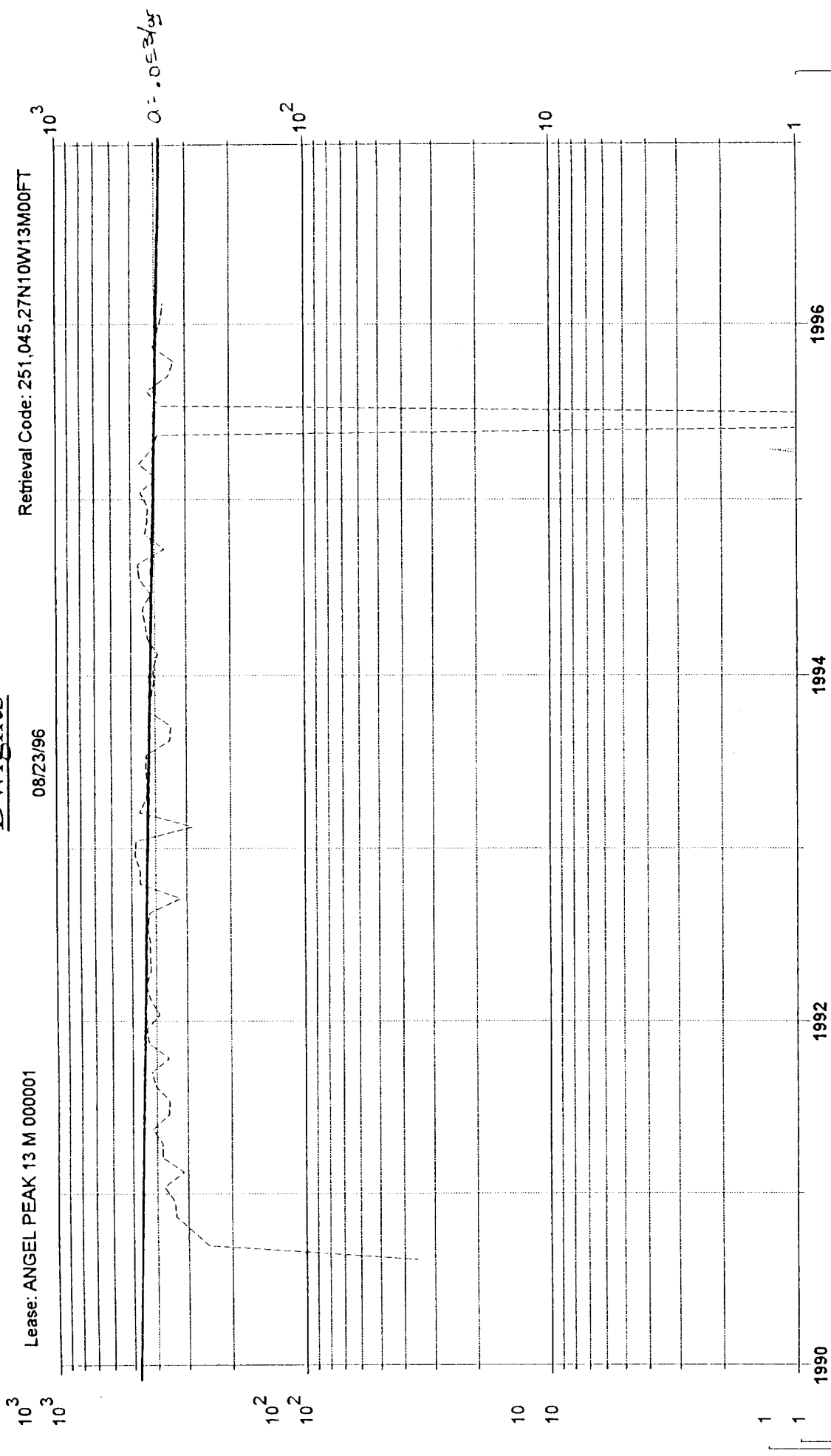
Operator: QUINTANA PETROLEUM CORP

Dwights

Lease: ANGEL PEAK 13 M 000001

08/23/96

Retrieval Code: 251,045,27N10W13M00FT



County: SAN JUAN, NM	F.P. Date: 08/90
Field: BASIN (FRUITLAND COAL) FT	Oil Cum: 0 bbl
Reservoir: FRUITLAND COAL	Gas Cum: 795.2 mmcf
Operator: QUINTANA PETROLEUM CORP	Location: 13M 27N 10W

Oil (bbl/day) _____
Water (bbl/day) _____

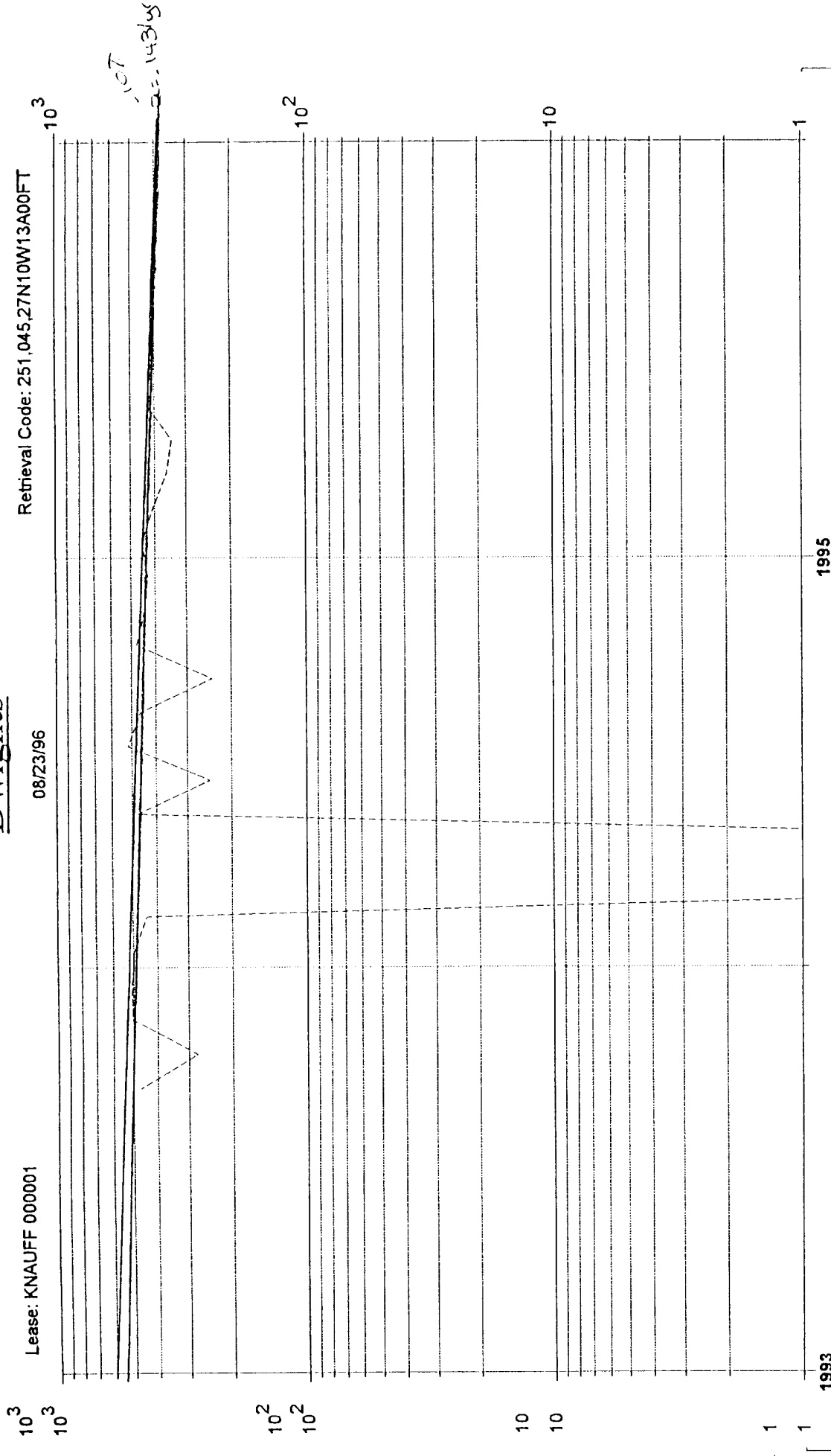
Gas (mcf/day) -----

Dwights

Lease: KNAUFF 000001

08/23/96

Retrieval Code: 251,045,27N10W13A000FT



County: SAN JUAN, NM	F.P. Date: 09/93
Field: BASIN (FRUITLAND COAL) FT	Oil Cum: 0 bbl
Reservoir: FRUITLAND COAL	Gas Cum: 242.2 mmcf
Operator: MERIDIAN OIL INC	Location: 13A 27N 10W

Oil (bbl/day) —
Water (bbl/day) —

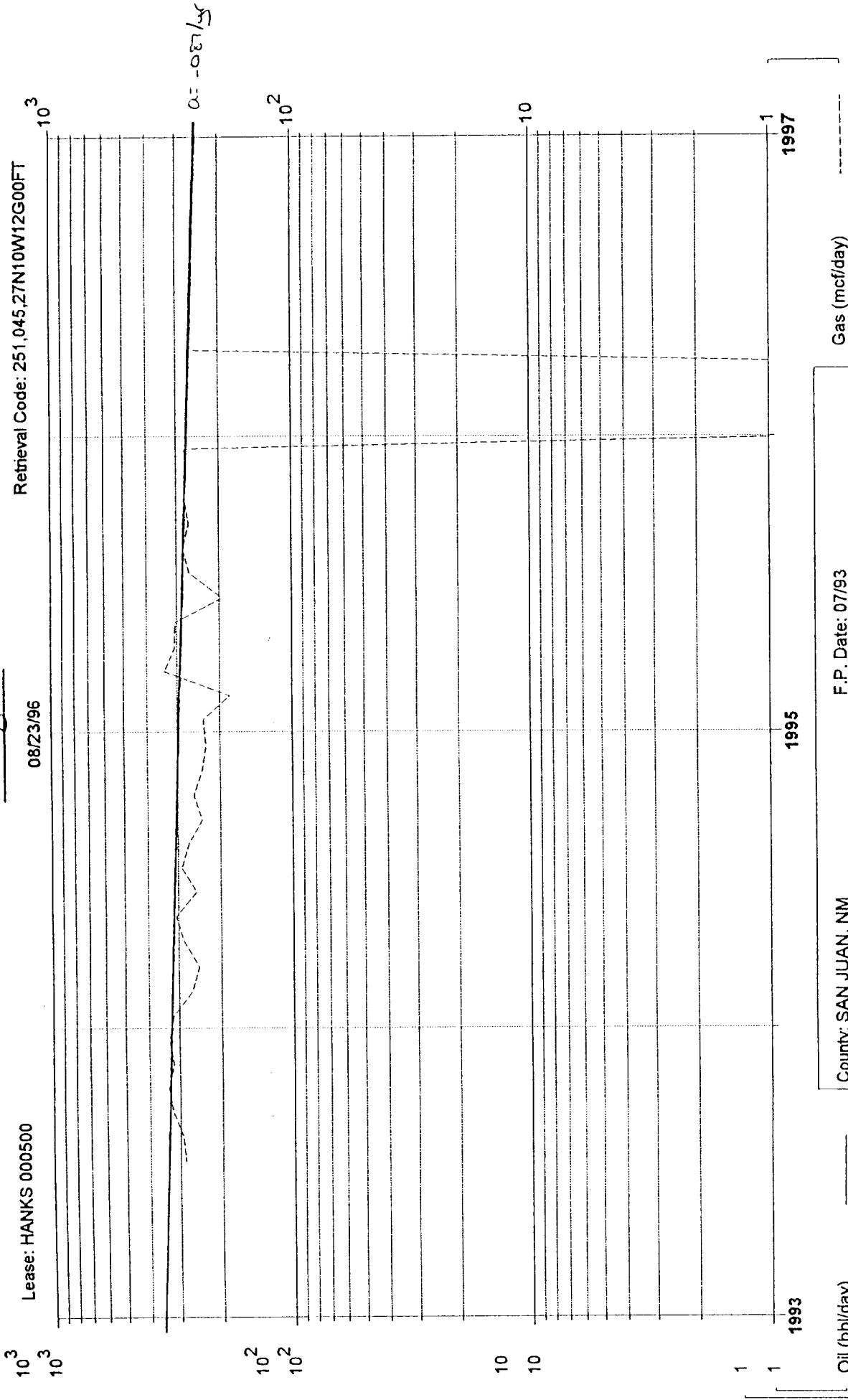
Gas (mcf/day) —

Dwights

Lease: HANKS 000500

08/23/96

Retrieval Code: 251,045,27N10W12G00FT



County: SAN JUAN, NM	F.P. Date: 07/93
Field: BASIN (FRUITLAND COAL) FT	Oil Cum: 0 bbl
Reservoir: FRUITLAND COAL	Gas Cum: 260.5 mmcf
Operator: MERIDIAN OIL INC	Location: 12G 27N 10W

Dwights

Lease: HANKS 501

08/23/96

Retrieval Code: 251,045,0452878571629

10³

10³
10³

10²
10²

10²

No
forecast

10
10

10

1
1

1993
1995
1997

Oil (bbl/day)

Water (bbl/day)

Gas (mcf/day)

County: SAN JUAN, NM

F.P. Date: 06/93

Field: BASIN (FRUITLAND COAL) FT

Oil Cum: 0 bbl

Reservoir: FRUITLAND COAL

Gas Cum: 68.95 mmcf

Operator: MERIDIAN OIL INC

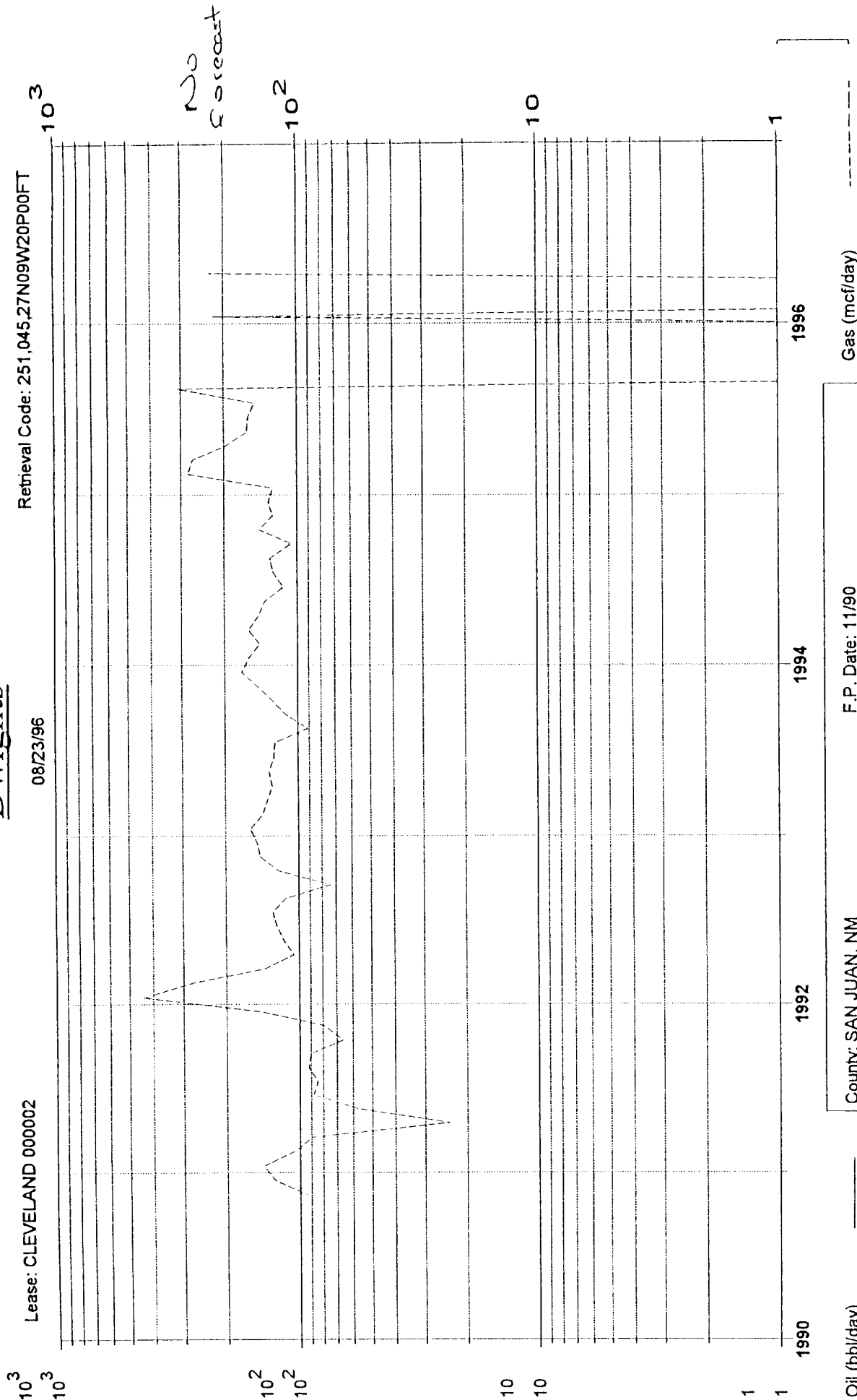
Location: 12E 27N 10W

Dwights

Lease: CLEVELAND 000002

08/23/96

Retrieval Code: 251,045,27N09W20P00FT



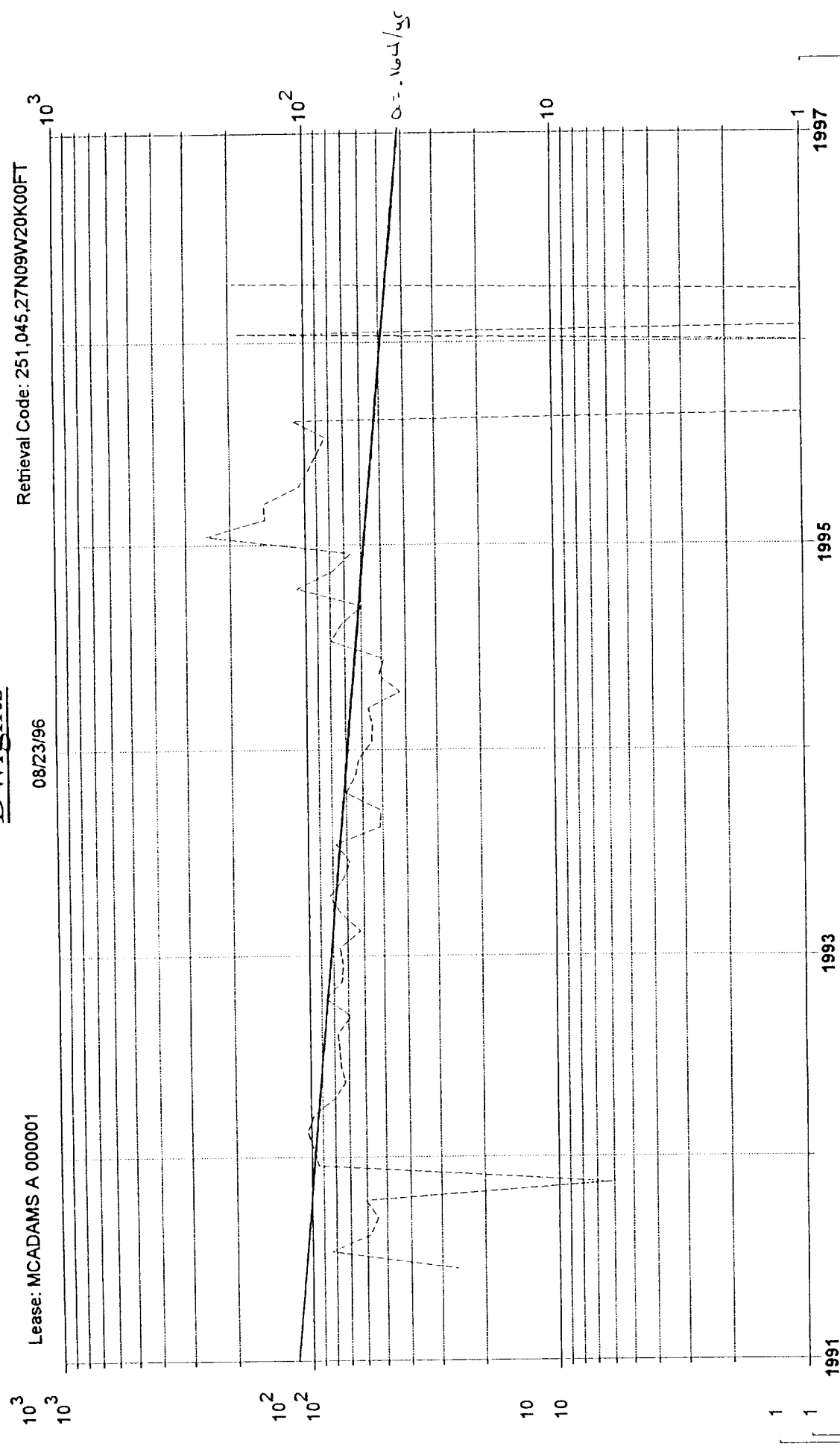
County: SAN JUAN, NM	F.P. Date: 11/90
Field: BASIN (FRUITLAND COAL) FT	Oil Cum: 0 bbl
Reservoir: FRUITLAND COAL	Gas Cum: 259.5 mmcf
Operator: MERIDIAN OIL INC	Location: 20P 27N 9W

Dwights

Lease: MCADAMS A 000001

Retrieval Code: 251,045,27N09W20K00FT

08/23/96



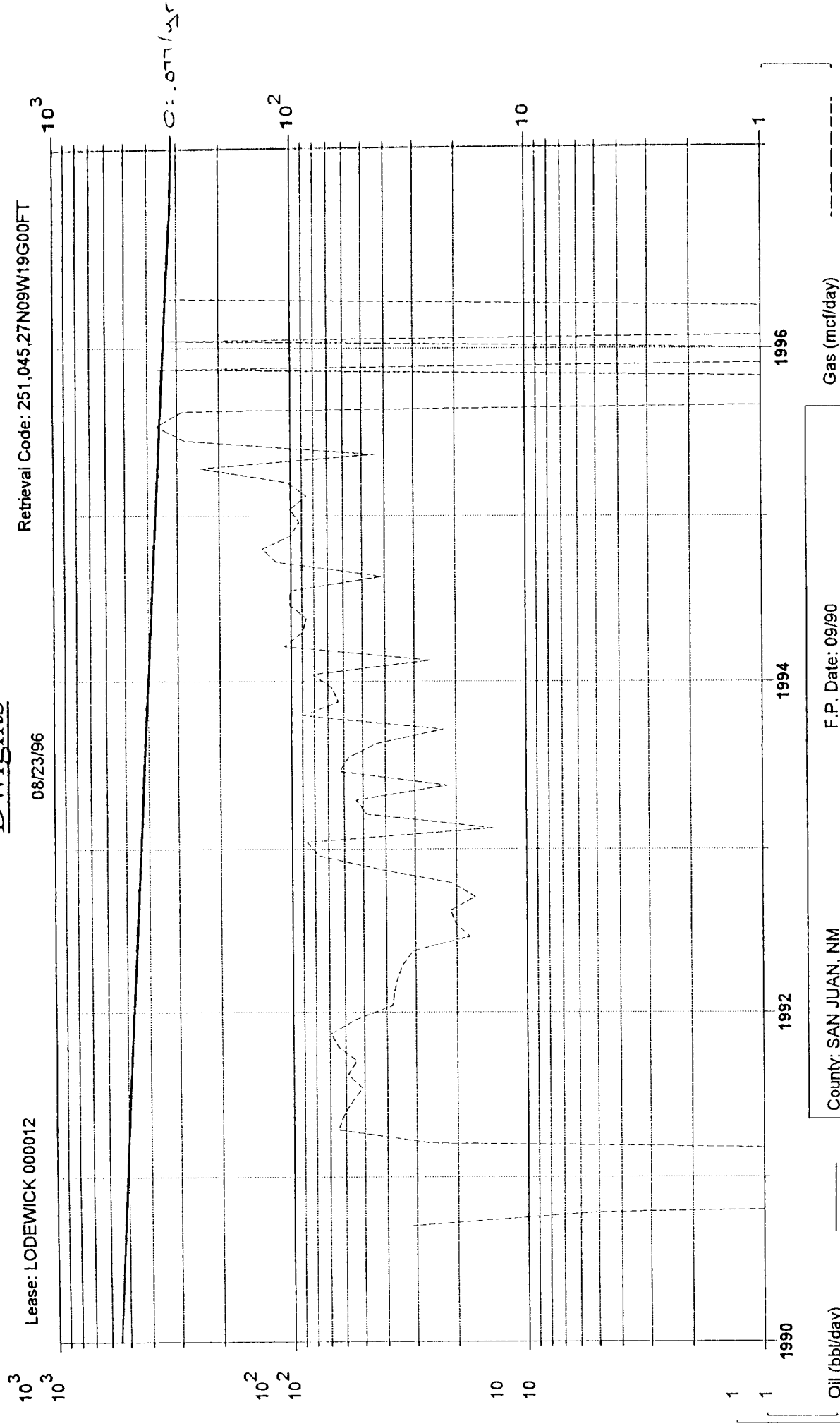
County: SAN JUAN, NM	F.P. Date: 06/91
Field: BASIN (FRUITLAND COAL) FT	Oil Cum: 0 bbl
Reservoir: FRUITLAND COAL	Gas Cum: 132.6 mmcf
Operator: MERIDIAN OIL INC	Location: 20K 27N 9W

Dwights

Lease: LODEWICK 000012

08/23/96

Retrieval Code: 251,045,27N09W19G00FT



Oil (bbl/day)

Water (bbl/day)

Gas (mcf/day)

County: SAN JUAN, NM	F.P. Date: 09/90
Field: BASIN (FRUITLAND COAL) FT	Oil Cum: 0 bbl
Reservoir: FRUITLAND COAL	Gas Cum: 159.2 mmcf
Operator: MERIDIAN OIL INC	Location: 19G 27N 9W

Dwights

Lease: LODEWICK 13

08/23/96

Retrieval Code: 251,045,0452771771629

10³
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1996

1997

Oil (bbl/day)

Water (bbl/day)

Gas (mcf/day)

County: SAN JUAN, NM

F.P. Date: 01/96

Field: BASIN (FRUITLAND COAL) FT

Oil Cum: 0 bbl

Reservoir: FRUITLAND COAL

Gas Cum: 26.54 mmcf

Operator: MERIDIAN OIL INC

Location: 19N 27N 9W

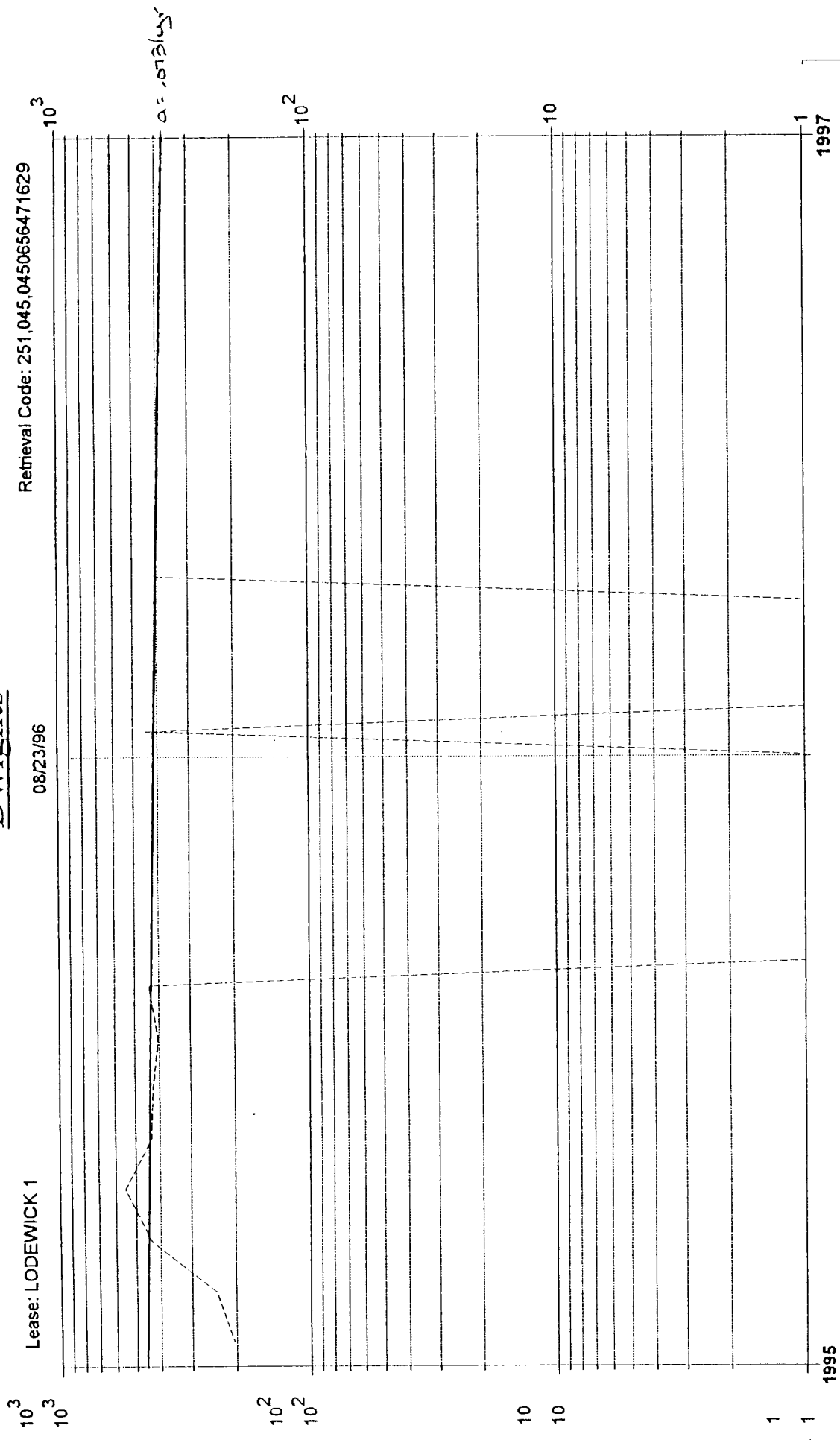
120
Forecast

Dwights

Lease: LODEWICK 1

08/23/96

Retrieval Code: 251,045,0450656471629



County: SAN JUAN, NM	F.P. Date: 01/95
Field: BASIN (FRUITLAND COAL) FT	Oil Cum: 0 bbl
Reservoir: FRUITLAND COAL	Gas Cum: 120.8 mmcf
Operator: MERIDIAN OIL INC	Location: 18 27N 9W

Oil (bbl/day)

Water (bbl/day)

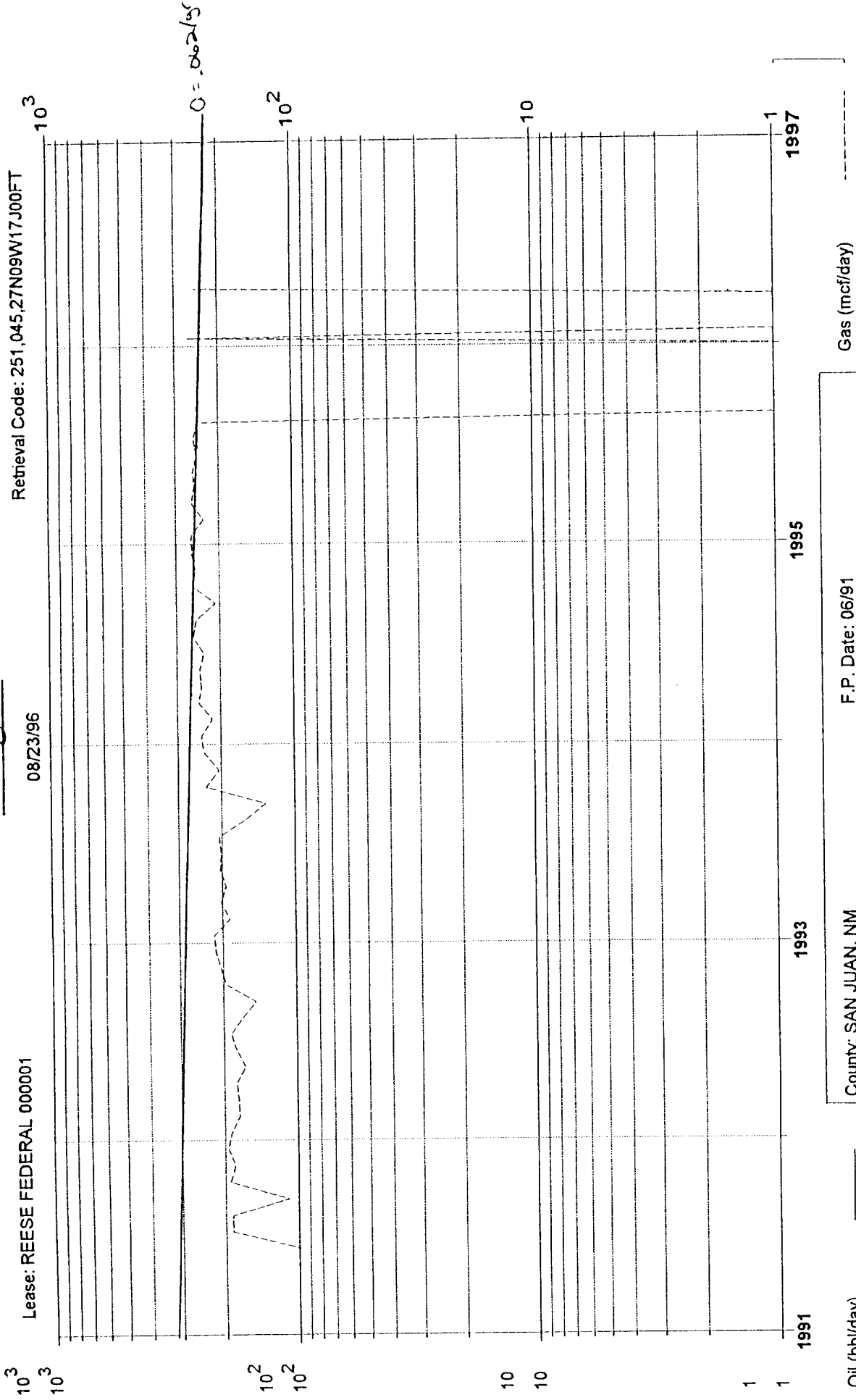
Gas (mcf/day)

Dwights

Lease: REESE FEDERAL 000001

08/23/96

Retrieval Code: 251,045,27N09W17J00FT



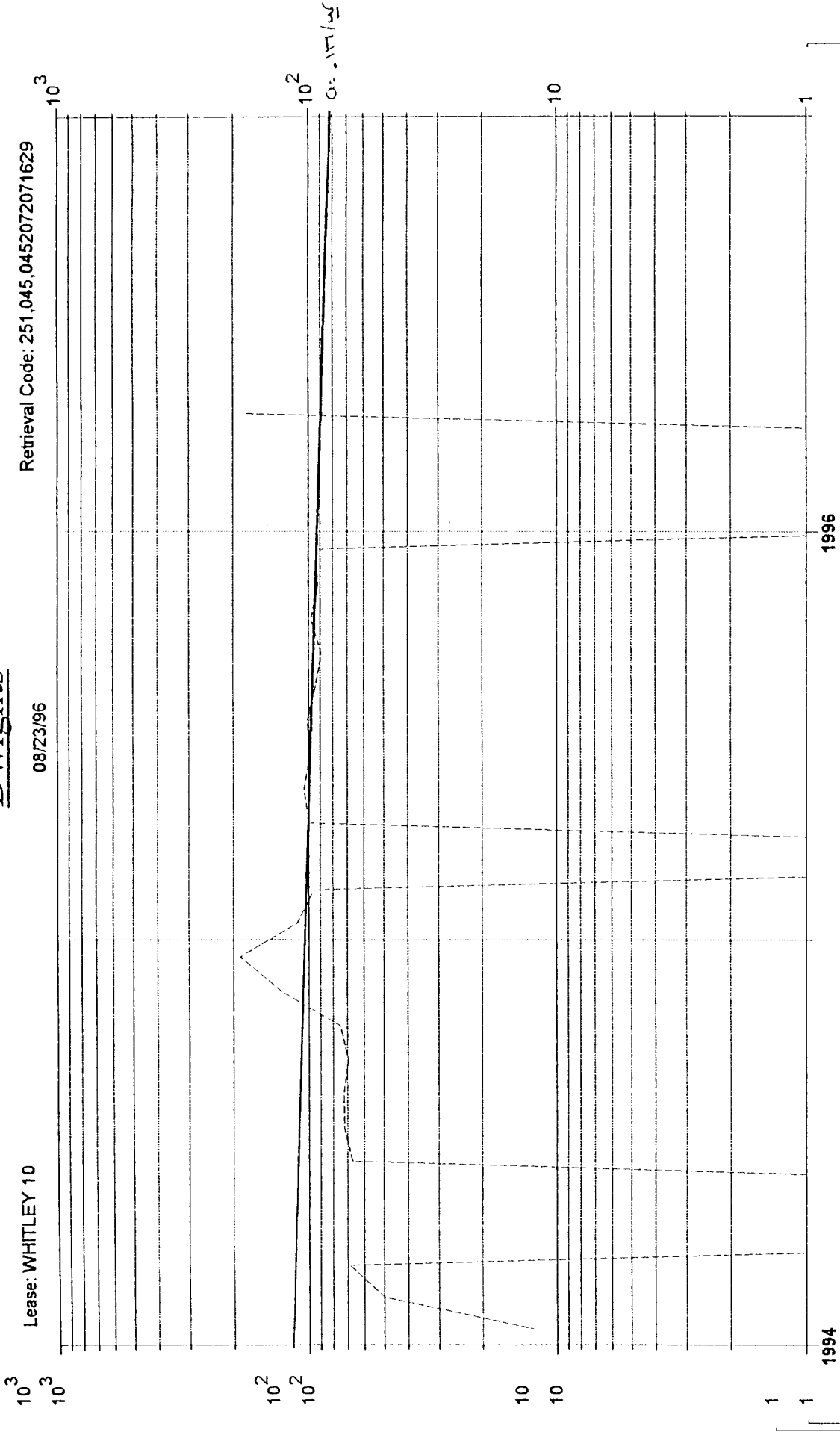
County: SAN JUAN, NM	F.P. Date: 06/91
Field: BASIN (FRUITLAND COAL) FT	Oil Cum: 0 bbl
Reservoir: FRUITLAND COAL	Gas Cum: 338.0 mmcf
Operator: MERIDIAN OIL INC	Location: 17J 27N 9W

Dwights

Lease: WHITLEY 10

08/23/96

Retrieval Code: 251,045,0452072071629



Oil (bbl/day)

Water (bbl/day)

Gas (mcf/day)

F.P. Date: 01/94

Oil Cum: 0 bbl

Gas Cum: 62.73 mmcf

Location: 17E 27N 9W

County: SAN JUAN, NM

Field: BASIN (FRUITLAND COAL) FT

Reservoir: FRUITLAND COAL

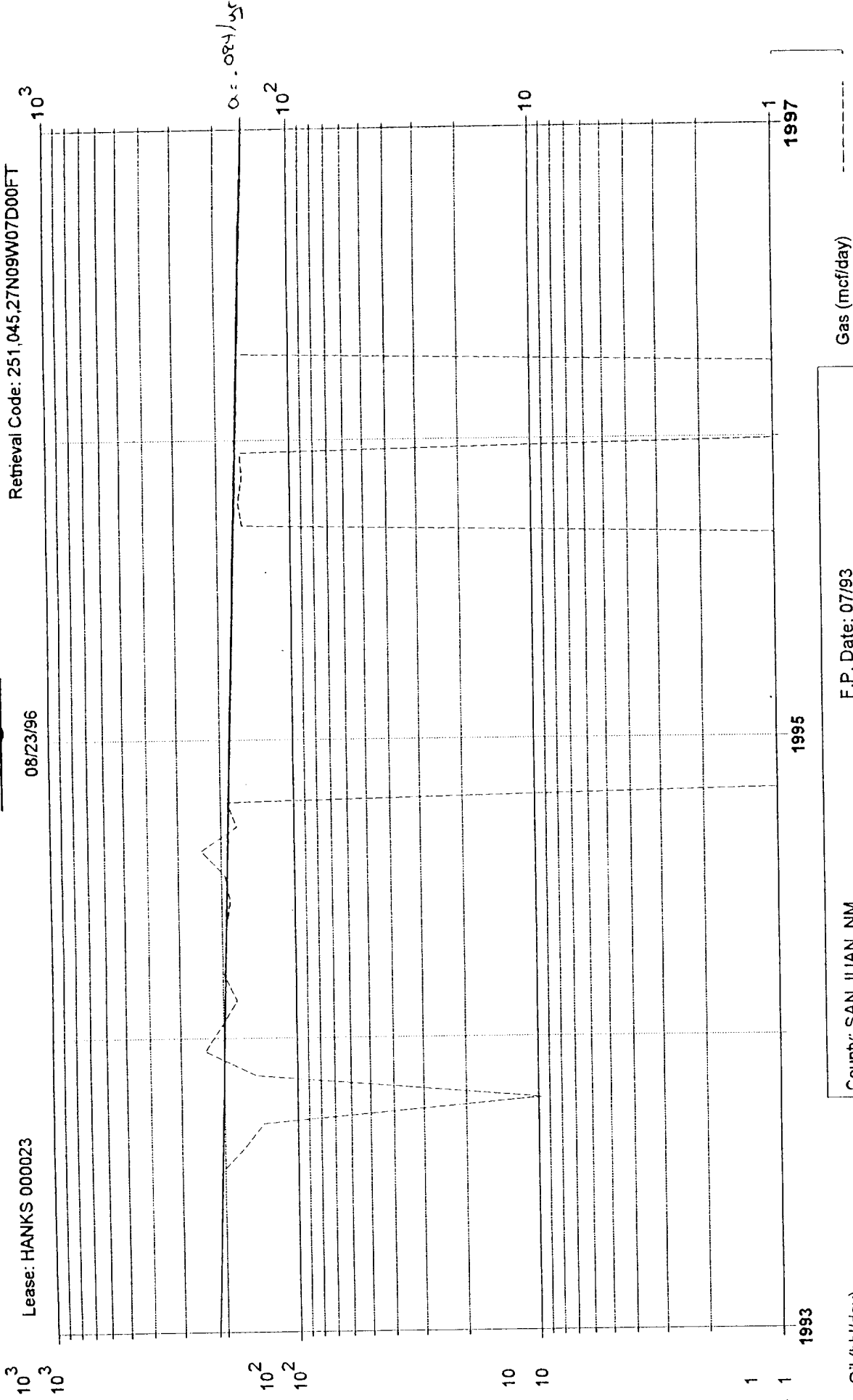
Operator: MERIDIAN OIL INC

Dwights

Lease: HANKS 000023

08/23/96

Retrieval Code: 251,045,27N09W07D00FT



County: SAN JUAN, NM
Field: BASIN (FRUITLAND COAL) FT
Reservoir: FRUITLAND COAL
Operator: MERIDIAN OIL INC

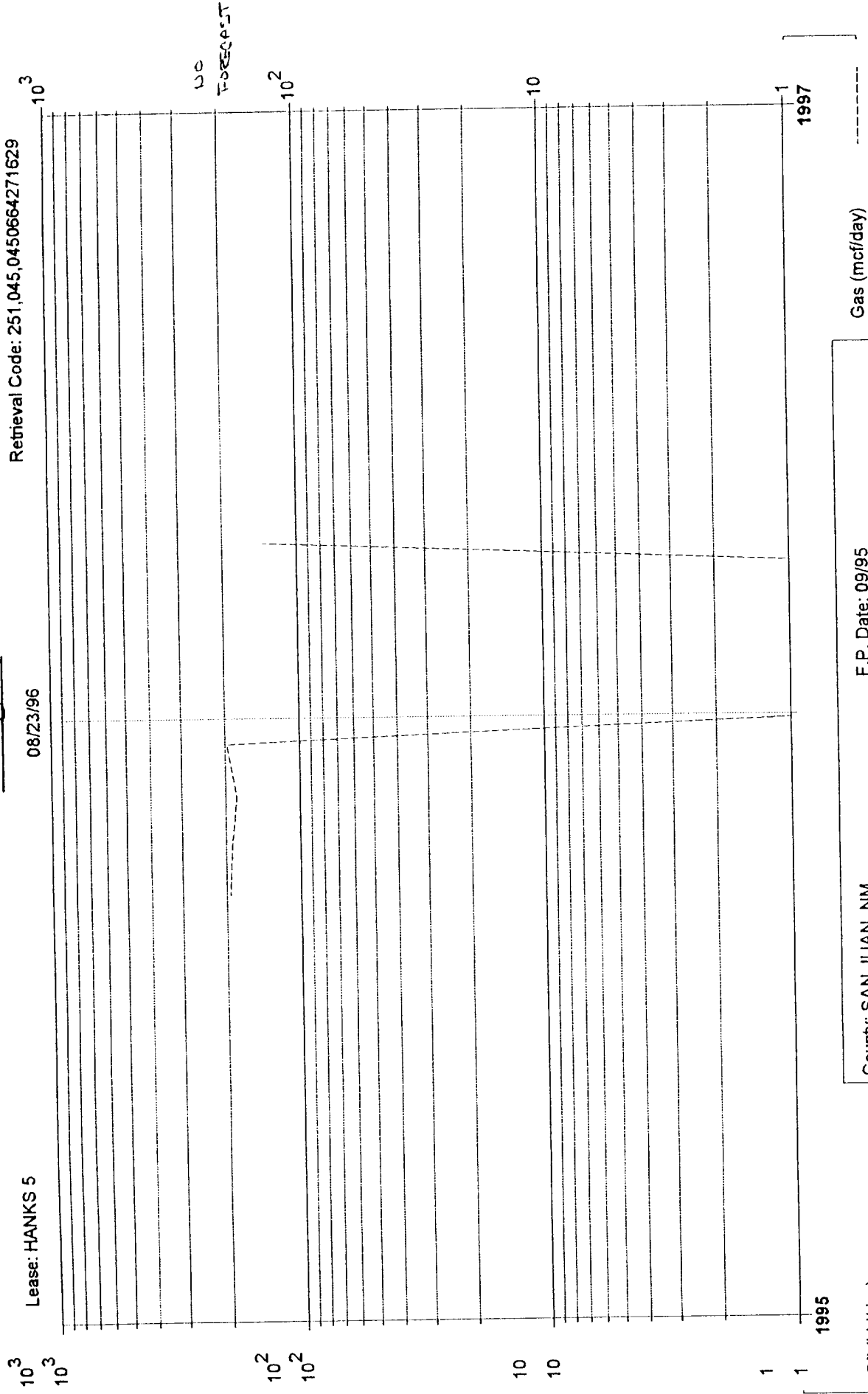
F.P. Date: 07/93
Oil Cum: 0 bbl
Gas Cum: 111.0 mmcf
Location: 7D 27N 9W

Dwights

Lease: HANKS 5

08/23/96

Retrieval Code: 251,045,0450664271629



Gas (mcf/day)

F.P. Date: 09/95

County: SAN JUAN, NM

Oil (bbl/day)

Oil Cum: 0 bbl

Field: BASIN (FRUITLAND COAL) FT

Water (bbl/day)

Gas Cum: 27.29 mmcf

Reservoir: FRUITLAND COAL

Location: 7 27N 9W

Operator: MERIDIAN OIL INC

Dwights

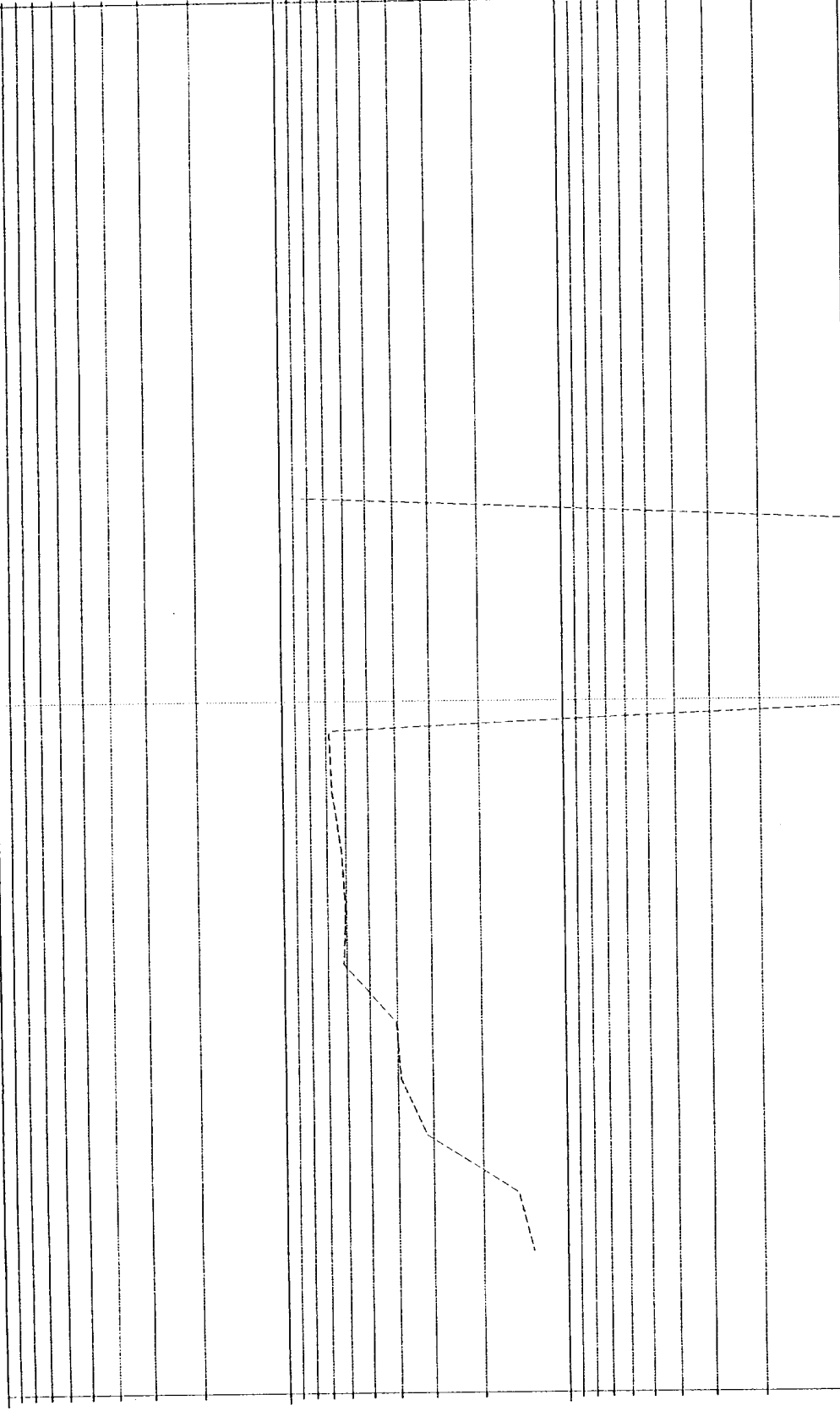
Lease: WHITLEY 8

08/23/96

Retrieval Code: 251,045,0451173371629

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No
Forecast

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1997

Gas (mcf/day)

F.P. Date: 03/95

Oil Cum: 0 bbl

Gas Cum: 16.54 mmcf

Location: 8M 27N 9W

County: SAN JUAN, NM

Field: BASIN (FRUITLAND COAL) FT

Reservoir: FRUITLAND COAL

Operator: MERIDIAN OIL INC

Oil (bbl/day)

Water (bbl/day)

OFFSET OPERATORS

Lodewick #1

Burlington Resources Oil and Gas Co.
P.O. Box 4289
Farmington, NM 87499
