

State of New Mexico
ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT
Santa Fe, New Mexico 87505
OIL CONSERVATION DIVISION



ADMINISTRATIVE ORDER DHC-1095

Merit Energy Company
12222 Merit Drive, Suite 1500
Dallas, Texas 75251

Attention: Terry D. Gottberg

RECEIVED
FEB 24 1995

OIL CON. DIV.
DIST 8

*Authorization to downhole commingle Basin Dakota Pool
and Blanco Mesaverde Pool production.*

Dear Mr. Gottberg:

Reference is made to your recent application for an exception to Rule 303-A of the Division Rules and Regulations to permit downhole commingling in the wellbore, the production of the above mentioned pools in the following described wells:

Well Name	Number	Unit Letter	Section
Jicarilla "A" ✓	8	E	23
Jicarilla "A" ✓	9	C	14
Jicarilla "A" ✓	10E	G	23
Jicarilla "A" ✓	13E	N	13
Jicarilla "A" ✓	22Y	K	24
Jicarilla "B" ✓	8A	D	25

C-14-26-4

All wells located in Township ~~26~~ North, Range ~~4~~ West, Rio Arriba County, New Mexico.

It appearing that the subject wells qualify for approval for such exception pursuant to the provisions of Rule 303-C, and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above and any Division Order which authorized the dual completion and required separation of the two zones is hereby placed in abeyance.

In accordance with the provisions of Rule 303-C-4., total commingled oil production from the subject wells shall not exceed 30 barrels per day, and total water production shall not exceed 60 barrels per day.

VILLAGRA BUILDING - 406 Galisteo
Forestry and Resources Conservation Division
P.O. Box 1948 87504-1948
827-5830
Park and Recreation Division
P.O. Box 1147 87504-1147
827-7465

2040 South Pacheco
Office of the Secretary
827-5950
Administrative Services
827-5925
Energy Conservation & Management
827-5900
Mining and Minerals
827-5970
Oil Conservation
827-7131

The maximum amount of gas which may be produced daily from the wells shall be determined by Division Rules and Regulations or by the gas allowable for each respective prorated pool as printed in the Division's San Juan Basin Gas Proration Schedule.

In accordance with the provisions of Rule 303-C, the supervisor of the Aztec District Office of the Oil Conservation Division shall determine the proper allocation of production from the subject wells following their completion.

FURTHER: The operator shall notify the Aztec District Office of the Division upon implementation of the commingling process.

Pursuant to Rule 303-C-5, the commingling authority granted by the order may be rescinded by the Division Director if, in his opinion, conservation is not being best served by such commingling.

Approved at Santa Fe, New Mexico on this 21st day of February, 1995.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

A handwritten signature in dark ink, appearing to read 'William J. Lemay', is written over the typed name. To the right of the signature, the number '2152' is handwritten.

WILLIAM J. LEMAY
Director

S E A L

WJL/BES

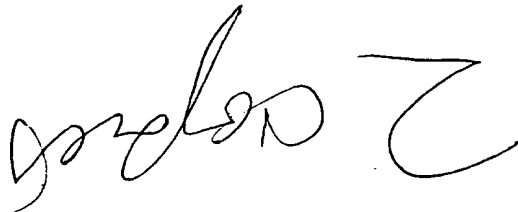
cc: Oil Conservation Division - Aztec ✓

Ernie Busch

From: Ernie Busch
To: David Catanach
Subject: MERIT ENERGY CO (DHC)
Date: Tuesday, February 07, 1995 10:35AM
Priority: High

JICARILLA A #8
JICARILLA A #9
JICARILLA A #10E
JICARILLA A #13E
JICARILLA A #22Y
JICARILLA B #8A
RECOMMEND: APPROVAL

THE OTHER WELLS IN THE APPLICATION DO NOT QUALIFY
FOR ADMINISTRATIVE APPROVAL

A handwritten signature in black ink, appearing to read "David Catanach", written in a cursive style.

MERIT ENERGY COMPANY

12222 Merit Drive, Suite 1500
Dallas, Texas 75251
(214) 701-8377
(214) 960-1252 Fax

January 17, 1995

State of New Mexico
Energy and Minerals Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, NM 87504-2088

RECEIVED
JAN 25 1995
OIL CON. DIV.
DIST. 3

Application to Commingle the Mesaverde and Dakota Gas Producing Zones
Sections 13 - 26, T26N-R4W,
Rio Arriba County, New Mexico.

Gentlemen:

It is proposed to downhole commingle the Mesaverde and Dakota gas zones in these sections in order to maintain economic operation and permit further economic development within the subject area. The development of resources in this area is not feasible without the reduced capital investment and operating costs realized by commingling wells.

Elimination of excess operating equipment and expense associated with dual operation will contribute to extending the producing lives and recoveries in marginal wells. In addition further development potential exists in these sections and is economically feasible if initial costs can be reduced by eliminating duplicate materials and facilities.

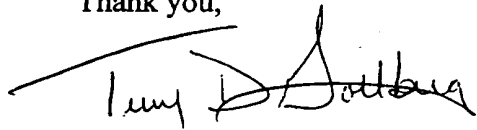
The following attachments are submitted in support of this application:

1. Exhibit A is a plat showing all Mesaverde and Dakota wells in these sections as well as the affected leases.
2. Exhibit B is a list of the most recent well tests from each Mesaverde and Dakota well in the subject area.
3. Exhibit C is a packet of current decline curves for each well.
4. Exhibit D is a list of shut-in tubing pressures for both zones taken during an extended field shut in.

5. WI, NRI and ORRI are identical for both formations in all sections
6. Upon approval allocation percentages will be determined for each well.
7. Copies of this application were sent by certified mail to each offset operator and to the Jicarilla Agency, who holds the mineral interests on this lease, as identified in Exhibit E.

If you have any questions, or require any further information please feel free to contact me at (214) 701-8377.

Thank you,

A handwritten signature in black ink, appearing to read "Terry D. Gottberg", with a long horizontal line extending from the left side of the signature.

Terry D. Gottberg
Production Engineer

Downhole Commingle Application Exhibit A

State	County	Reservoir	Field (Resv)	Location	Operator	Lease Name	Well No.
NM	RIO ARriba	DAKOTA	BASIN (DAKOTA) DK	23E 26N 4W	MERIT ENERGY CORP	JICARILLA A	8
NM	RIO ARriba	MESAVERDE	BLANCO (MESAVERDE) MV	23E 26N 4W	MERIT ENERGY CORP	JICARILLA A	8
NM	RIO ARriba	DAKOTA	BASIN (DAKOTA) DK	14C 26N 4W	MERIT ENERGY CORP	JICARILLA A	9
NM	RIO ARriba	MESAVERDE	BLANCO (MESAVERDE) MV	14C 26N 4W	MERIT ENERGY CORP	JICARILLA A	9
NM	RIO ARriba	DAKOTA	BASIN (DAKOTA) DK	23O 26N 4W	MERIT ENERGY CORP	JICARILLA A	10
NM	RIO ARriba	DAKOTA	BASIN (DAKOTA) DK	14J 26N 4W	MERIT ENERGY CORP	JICARILLA A	11
NM	RIO ARriba	DAKOTA	BASIN (DAKOTA) DK	24D 26N 4W	MERIT ENERGY CORP	JICARILLA A	12
NM	RIO ARriba	DAKOTA	BASIN (DAKOTA) DK	13E 26N 4W	MERIT ENERGY CORP	JICARILLA A	13
NM	RIO ARriba	MESAVERDE	BLANCO (MESAVERDE) MV	24A 26N 4W	MERIT ENERGY CORP	JICARILLA A	14
NM	RIO ARriba	MESAVERDE	BLANCO (MESAVERDE) MV	14G 26N 4W	MERIT ENERGY CORP	JICARILLA A	15
NM	RIO ARriba	DAKOTA	BASIN (DAKOTA) DK	23G 26N 4W	MERIT ENERGY CORP	JICARILLA A	10E
NM	RIO ARriba	MESAVERDE	BLANCO (MESAVERDE) MV	23G 26N 4W	MERIT ENERGY CORP	JICARILLA A	10E
NM	RIO ARriba	DAKOTA	BASIN (DAKOTA) DK	13N 26N 4W	MERIT ENERGY CORP	JICARILLA A	13E
NM	RIO ARriba	MESAVERDE	BLANCO (MESAVERDE) MV	13N 26N 4W	MERIT ENERGY CORP	JICARILLA A	13E
NM	RIO ARriba	MESAVERDE	BLANCO (MESAVERDE) MV	24P 26N 4W	MERIT ENERGY CORP	JICARILLA A	22A
NM	RIO ARriba	DAKOTA	BASIN (DAKOTA) DK	24K 26N 4W	MERIT ENERGY CORP	JICARILLA A	22Y
NM	RIO ARriba	MESAVERDE	BLANCO (MESAVERDE) MV	24K 26N 4W	MERIT ENERGY CORP	JICARILLA A	22Y
NM	RIO ARriba	MESAVERDE	BLANCO (MESAVERDE) MV	25H 26N 4W	MERIT ENERGY CORP	JICARILLA B	2
NM	RIO ARriba	DAKOTA	WILD HORSE (DAKOTA) DK	26D 26N 4W	MERIT ENERGY CORP	JICARILLA B	5
NM	RIO ARriba	MESAVERDE	BLANCO (MESAVERDE) MV	25K 26N 4W	MERIT ENERGY CORP	JICARILLA B	8
NM	RIO ARriba	MESAVERDE	BLANCO (MESAVERDE) MV	26K 26N 4W	MERIT ENERGY CORP	JICARILLA B	9
NM	RIO ARriba	MESAVERDE	BLANCO (MESAVERDE) MV	35B 26N 4W	MERIT ENERGY CORP	JICARILLA B	12
NM	RIO ARriba	MESAVERDE	BLANCO (MESAVERDE) MV	36M 26N 4W	MERIT ENERGY CORP	JICARILLA B	13
NM	RIO ARriba	MESAVERDE	BLANCO (MESAVERDE) MV	36J 26N 4W	MERIT ENERGY CORP	JICARILLA B	15
NM	RIO ARriba	DAKOTA	BASIN (DAKOTA) DK	25D 26N 4W	MERIT ENERGY CORP	JICARILLA B	8A
NM	RIO ARriba	MESAVERDE	BLANCO (MESAVERDE) MV	25D 26N 4W	MERIT ENERGY CORP	JICARILLA B	8A
NM	RIO ARriba	DAKOTA	BASIN (DAKOTA) DK	15P 26N 4W	MERIT ENERGY CORP	JICARILLA E	7
NM	RIO ARriba	MESAVERDE	BLANCO (MESAVERDE) MV	15P 26N 4W	MERIT ENERGY CORP	JICARILLA E	7
NM	RIO ARriba	DAKOTA	BASIN (DAKOTA) DK	15C 26N 4W	MERIT ENERGY CORP	JICARILLA E	8
NM	RIO ARriba	MESAVERDE	BLANCO (MESAVERDE) MV	15C 26N 4W	MERIT ENERGY CORP	JICARILLA E	8
NM	RIO ARriba	DAKOTA	BASIN (DAKOTA) DK	16B 26N 4W	MERIT ENERGY CORP	JICARILLA E	9
NM	RIO ARriba	DAKOTA	BASIN (DAKOTA) DK	22I 26N 4W	MERIT ENERGY CORP	JICARILLA E	10
NM	RIO ARriba	MESAVERDE	BLANCO (MESAVERDE) MV	22K 26N 4W	MERIT ENERGY CORP	JICARILLA E	12
NM	RIO ARriba	DAKOTA	BASIN (DAKOTA) DK	16L 26N 4W	MERIT ENERGY CORP	JICARILLA E	15
NM	RIO ARriba	DAKOTA	BASIN (DAKOTA) DK	22B 26N 4W	MERIT ENERGY CORP	JICARILLA E	10E
New Wells in 1994							
NM	RIO ARriba	DAKOTA	BASIN (DAKOTA) DK	15B 26N 4W	MERIT ENERGY CORP	JICARILLA E	7E
NM	RIO ARriba	DAKOTA	BASIN (DAKOTA) DK	15L 26N 4W	MERIT ENERGY CORP	JICARILLA E	8E
NM	RIO ARriba	MESAVERDE	BLANCO (MESAVERDE) MV	22B 26N 4W	MERIT ENERGY CORP	JICARILLA E	10E
NM	RIO ARriba	MESAVERDE	BLANCO (MESAVERDE) MV	13E 26N 4W	MERIT ENERGY CORP	JICARILLA A	13
NM	RIO ARriba	MESAVERDE	BLANCO (MESAVERDE) MV	23O 26N 4W	MERIT ENERGY CORP	JICARILLA A	10

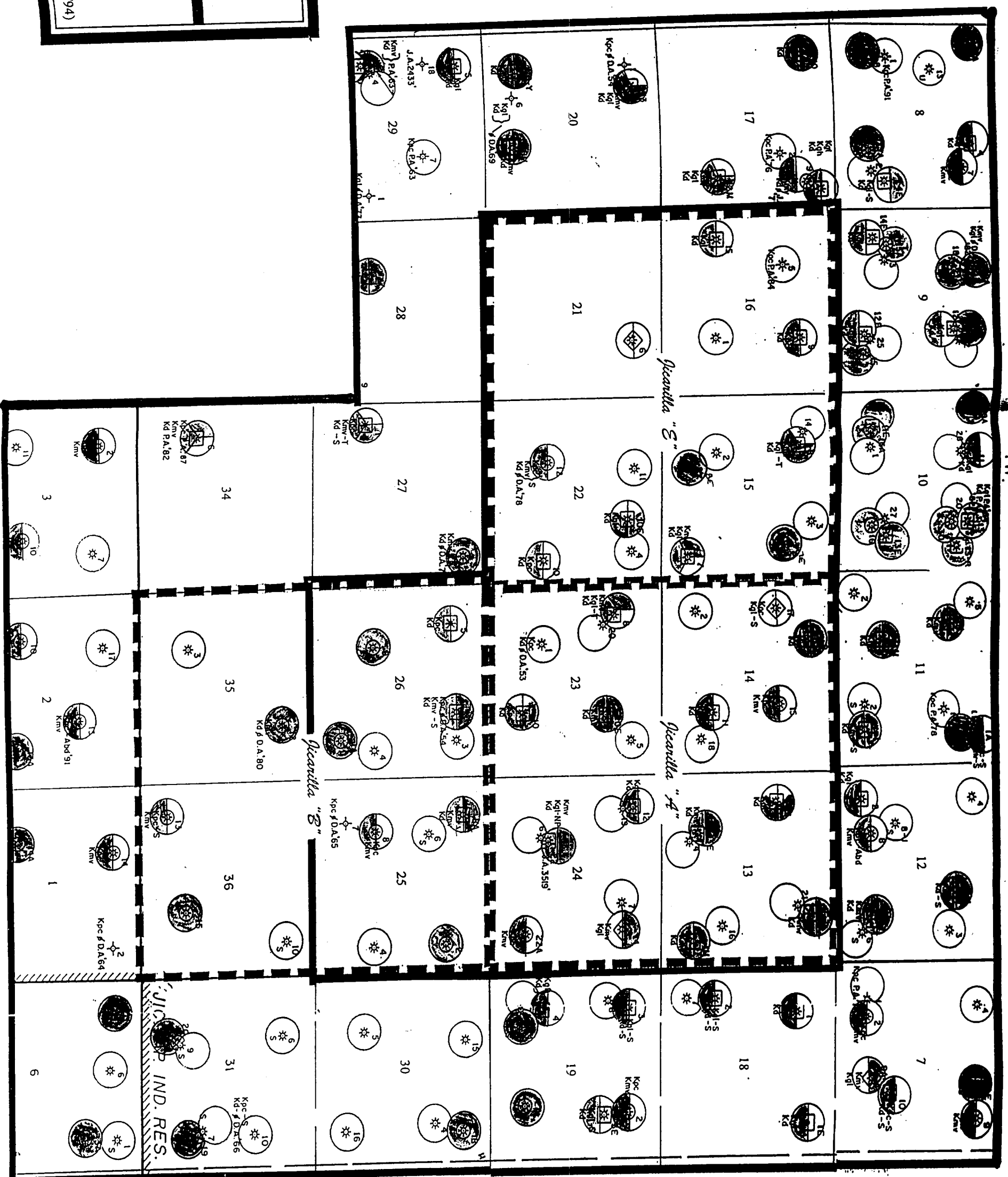
RECEIVED
JAN 25 1995
OIL COMM. DIV.
DIST. 3

EXPLANATION:

- Fruitland Coal
- Pictured Cliffs
- Chacra
- Mesaverde
- Gallup
- Dakota
- Application Area

MERIT ENERGY COMPANY
12222 MERIT DRIVE, SUITE 1500
DALLAS, TEXAS 75251

PRODUCING ZONE MAP
JICARILLA LEASE
Rio Arriba County, NM
G. A. Jenner (1/94)



26N

25N

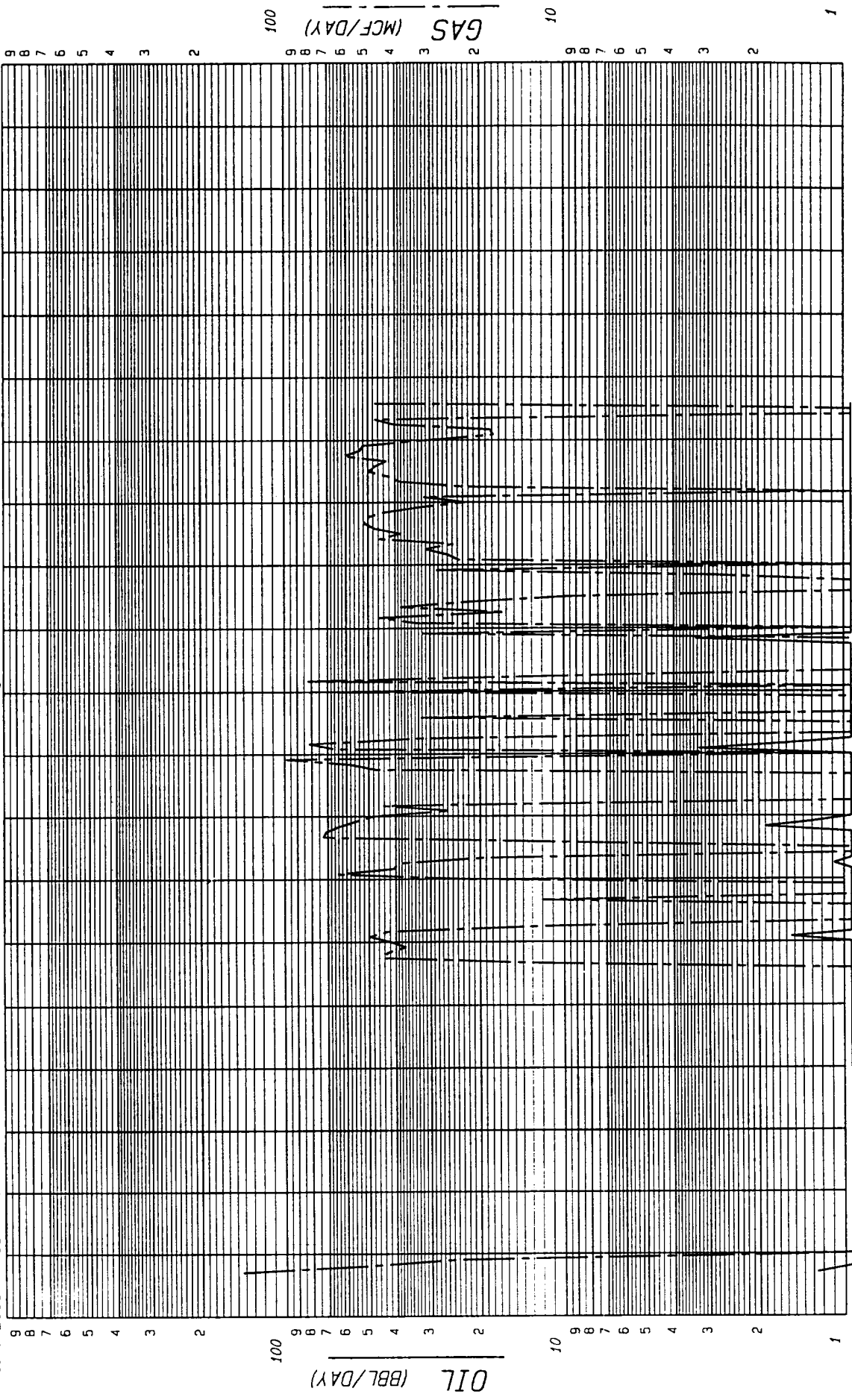
Downhole Commingle Application Exhibit B

Reservoir	Field (Resv)	Location	Operator	Lease Name	Well No.	Status	1/12/95 Production MCFD	BOPD
DAKOTA	BASIN (DAKOTA) DK	23E 26N 4W	MERIT ENERGY CORP	JICARILLA A	8	ACT	51	
MESASVERDE	BLANCO (MESASVERDE) MV	23E 26N 4W	MERIT ENERGY CORP	JICARILLA A	8	ACT	113	0.76
DAKOTA	BASIN (DAKOTA) DK	14C 26N 4W	MERIT ENERGY CORP	JICARILLA A	9	ACT	NT	
MESASVERDE	BLANCO (MESASVERDE) MV	14C 26N 4W	MERIT ENERGY CORP	JICARILLA A	9	ACT	NT	
DAKOTA	BASIN (DAKOTA) DK	23O 26N 4W	MERIT ENERGY CORP	JICARILLA A	10	ACT		
DAKOTA	BASIN (DAKOTA) DK	14J 26N 4W	MERIT ENERGY CORP	JICARILLA A	11	ACT	167	0.8
DAKOTA	BASIN (DAKOTA) DK	24D 26N 4W	MERIT ENERGY CORP	JICARILLA A	12	ACT	69	1
DAKOTA	BASIN (DAKOTA) DK	13E 26N 4W	MERIT ENERGY CORP	JICARILLA A	13	ACT		
MESASVERDE	BLANCO (MESASVERDE) MV	24A 26N 4W	MERIT ENERGY CORP	JICARILLA A	14	ACT	37	
MESASVERDE	BLANCO (MESASVERDE) MV	14G 26N 4W	MERIT ENERGY CORP	JICARILLA A	15	ACT	70	
DAKOTA	BASIN (DAKOTA) DK	23G 26N 4W	MERIT ENERGY CORP	JICARILLA A	10E	ACT	9	
MESASVERDE	BLANCO (MESASVERDE) MV	23G 26N 4W	MERIT ENERGY CORP	JICARILLA A	10E	ACT	166	
DAKOTA	BASIN (DAKOTA) DK	13N 26N 4W	MERIT ENERGY CORP	JICARILLA A	13E	ACT	230	0.2
MESASVERDE	BLANCO (MESASVERDE) MV	13N 26N 4W	MERIT ENERGY CORP	JICARILLA A	13E	ACT	85	0.5
MESASVERDE	BLANCO (MESASVERDE) MV	24P 26N 4W	MERIT ENERGY CORP	JICARILLA A	22A	ACT	28	
DAKOTA	BASIN (DAKOTA) DK	24K 26N 4W	MERIT ENERGY CORP	JICARILLA A	22Y	ACT	139	0.5
MESASVERDE	BLANCO (MESASVERDE) MV	24K 26N 4W	MERIT ENERGY CORP	JICARILLA A	22Y	ACT	64	0.75
MESASVERDE	BLANCO (MESASVERDE) MV	25H 26N 4W	MERIT ENERGY CORP	JICARILLA B	2	ACT	59	
DAKOTA	WILD HORSE (DAKOTA) DK	26D 26N 4W	MERIT ENERGY CORP	JICARILLA B	5	ACT	101	3
MESASVERDE	BLANCO (MESASVERDE) MV	26K 26N 4W	MERIT ENERGY CORP	JICARILLA B	8	ACT	18	
MESASVERDE	BLANCO (MESASVERDE) MV	26K 26N 4W	MERIT ENERGY CORP	JICARILLA B	9	ACT	48	
MESASVERDE	BLANCO (MESASVERDE) MV	35B 26N 4W	MERIT ENERGY CORP	JICARILLA B	12	ACT	72	
MESASVERDE	BLANCO (MESASVERDE) MV	36M 26N 4W	MERIT ENERGY CORP	JICARILLA B	13	ACT	70	0.25
MESASVERDE	BLANCO (MESASVERDE) MV	36J 26N 4W	MERIT ENERGY CORP	JICARILLA B	15	ACT	39	
DAKOTA	BASIN (DAKOTA) DK	25D 26N 4W	MERIT ENERGY CORP	JICARILLA B	8A	ACT	56	0.47
DAKOTA	BLANCO (MESASVERDE) MV	25D 26N 4W	MERIT ENERGY CORP	JICARILLA B	8A	ACT	83	
MESASVERDE	BLANCO (MESASVERDE) MV	15P 26N 4W	MERIT ENERGY CORP	JICARILLA E	7	ACT	82	0.75
MESASVERDE	BLANCO (MESASVERDE) MV	15P 26N 4W	MERIT ENERGY CORP	JICARILLA E	7	ACT	45	
DAKOTA	BASIN (DAKOTA) DK	15C 26N 4W	MERIT ENERGY CORP	JICARILLA E	8	INA		
MESASVERDE	BLANCO (MESASVERDE) MV	15C 26N 4W	MERIT ENERGY CORP	JICARILLA E	8	ACT	57	
DAKOTA	BASIN (DAKOTA) DK	16B 26N 4W	MERIT ENERGY CORP	JICARILLA E	9	ACT	22	0.4
DAKOTA	BASIN (DAKOTA) DK	22I 26N 4W	MERIT ENERGY CORP	JICARILLA E	10	ACT	125	2.75
MESASVERDE	BLANCO (MESASVERDE) MV	22K 26N 4W	MERIT ENERGY CORP	JICARILLA E	12	ACT	18	
DAKOTA	BASIN (DAKOTA) DK	16L 26N 4W	MERIT ENERGY CORP	JICARILLA E	15	ACT	73	
DAKOTA	BASIN (DAKOTA) DK	22B 26N 4W	MERIT ENERGY CORP	JICARILLA E	10E	ACT		
New Wells								
DAKOTA	BASIN (DAKOTA) DK	15B 26N 4W	MERIT ENERGY CORP	JICARILLA E	7E	ACT	492	8.82
DAKOTA	BASIN (DAKOTA) DK	15B 26N 4W	MERIT ENERGY CORP	JICARILLA E	8E	ACT	293	5.24
MESASVERDE	BLANCO (MESASVERDE) MV	22B 26N 4W	MERIT ENERGY CORP	JICARILLA E	10E	ACT	317	2.38
MESASVERDE	BLANCO (MESASVERDE) MV	23E 26N 4W	MERIT ENERGY CORP	JICARILLA A	13	ACT	240	0.71
MESASVERDE	BLANCO (MESASVERDE) MV	23E 26N 4W	MERIT ENERGY CORP	JICARILLA A	10	ACT	45	0.4

Downhole Commingle Application

Exhibit C
Current Decline Curves

1000 Lease: JICARILLA A 000008 Retrieval Code: 251, 039, 26N04W23E00DK



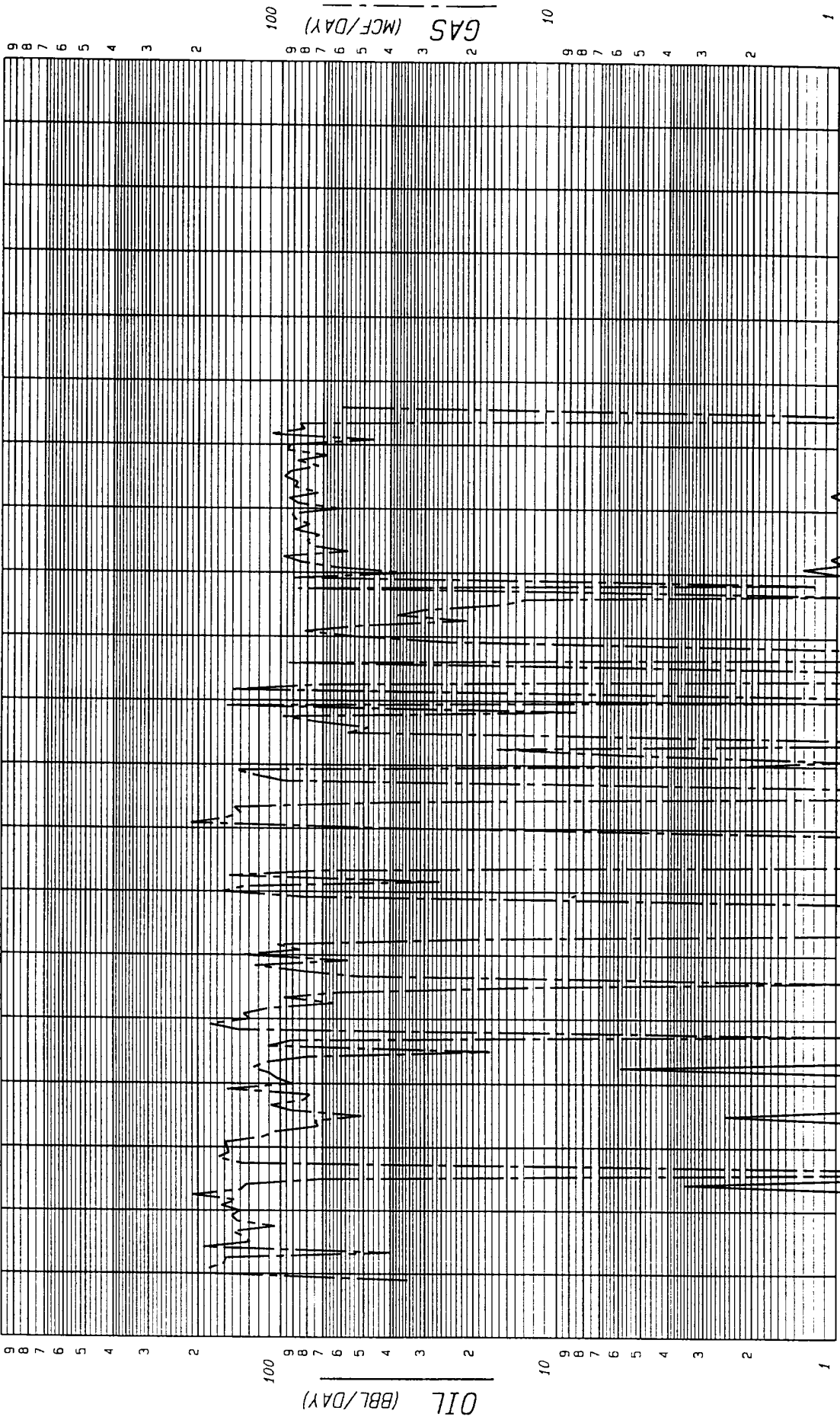
71- Annual Data

County:	RIO ARriba	State:	NM
Field:	BASIN (DAKOTA) DK		
Reservoir:	DAKOTA		
Operator:	MERIT ENERGY CORP		
Oil Cum:	18845	Gas Cum:	1198105
Location:	23E 26N 4W		

F.P. Date 11-67

Date: 01-15-95

0001

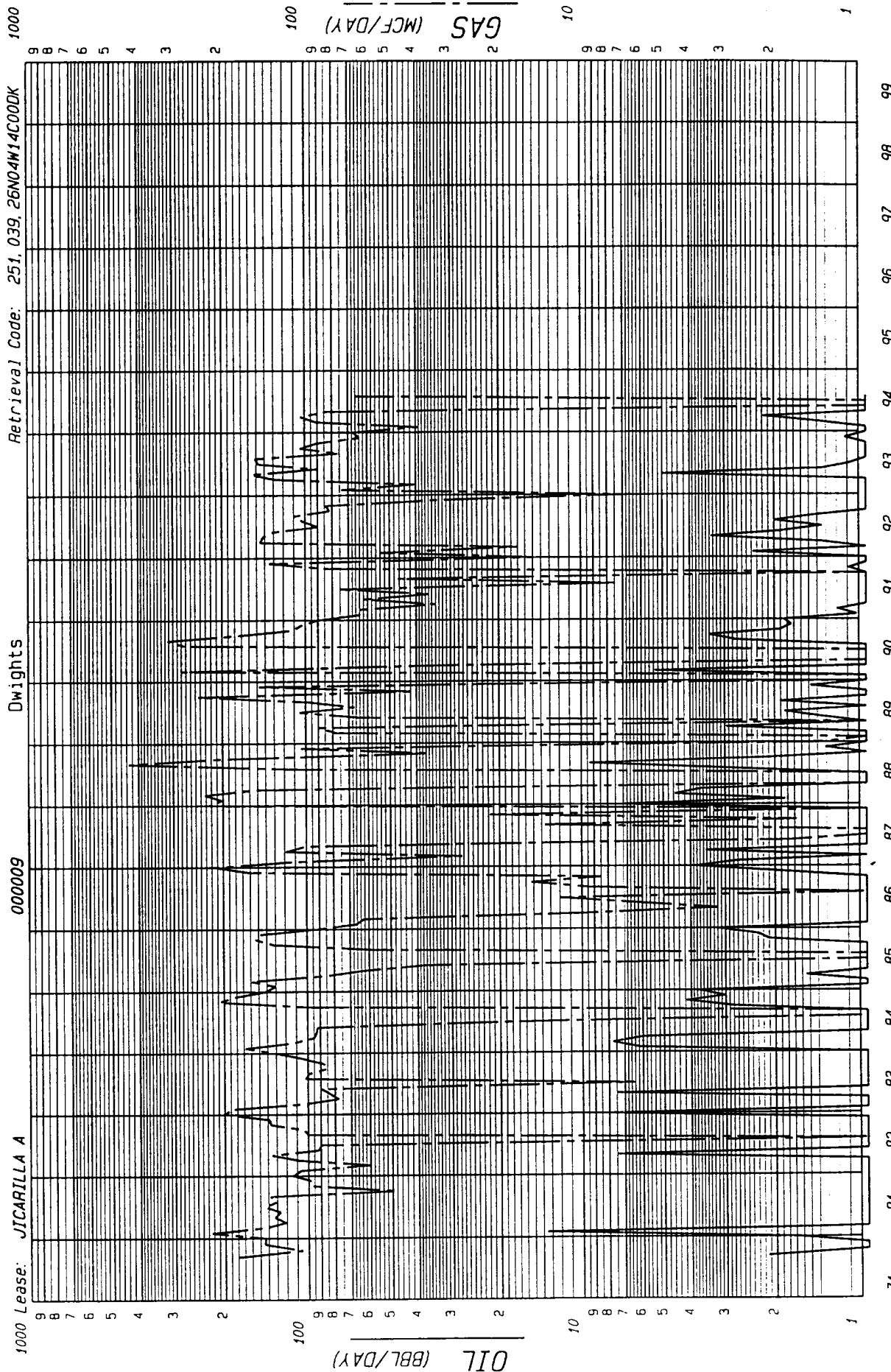


71-
Annual
Data

County: RIO ARriba
Field: BLANCO (MESAVEDE) MV
Reservoir: MESAVEDE
Operator: MERIT ENERGY CORP
Oil Cum: 1073 Gas Cum: 446321
Location: 23E 26N 4W

F.P. Date 10-79

Date: 01-16-95

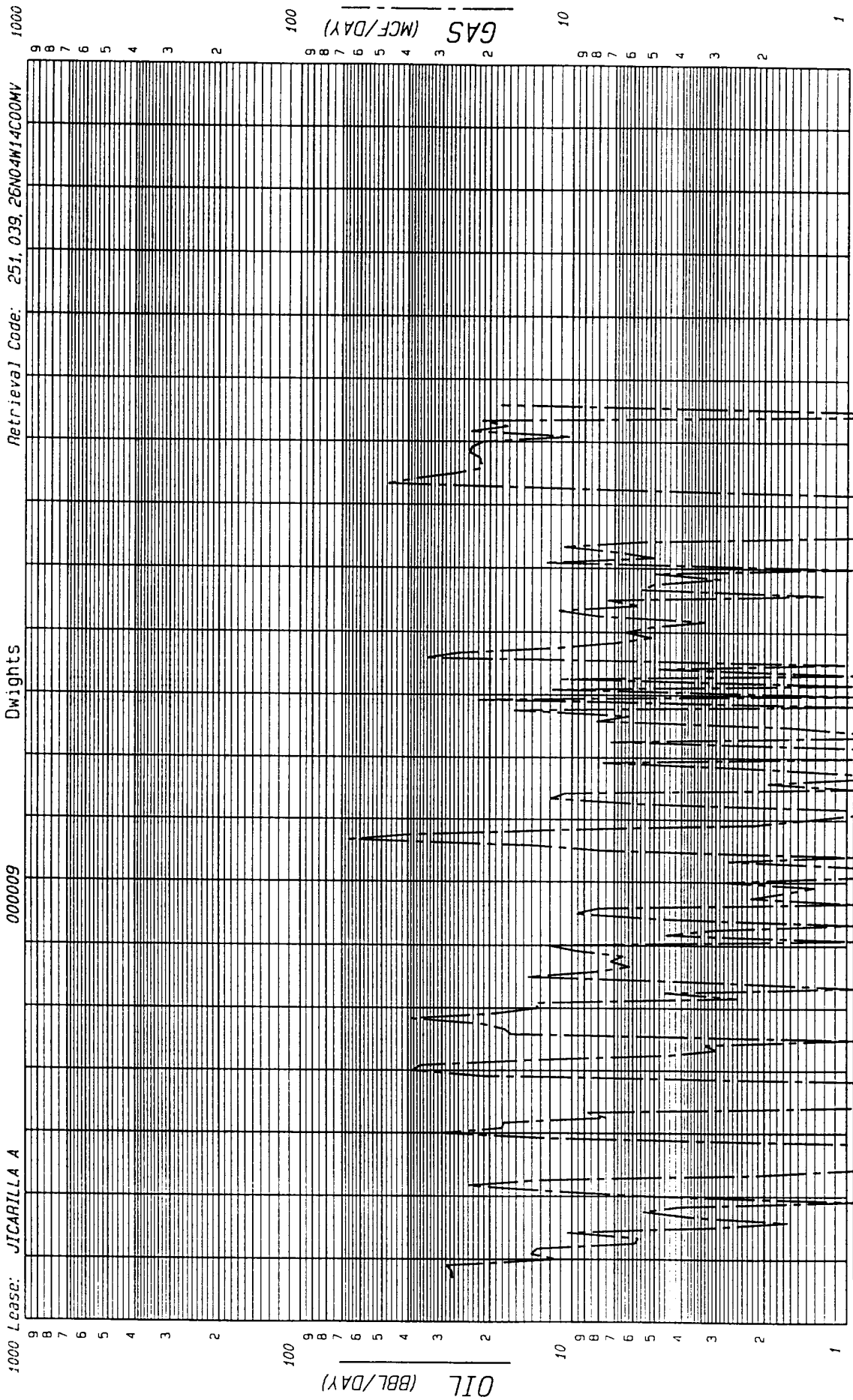


County: RIO ARriba
 Field: BASIN (DAKOTA) DK
 Reservoir: DAKOTA
 Operator: MERIT ENERGY CORP
 Oil Cum: 27159 Gas Cum: 1517009
 Location: 14C 26N 4W

State: NM

Date: 01-16-95

F.P. Date 10-68



71 - Annual Data

81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

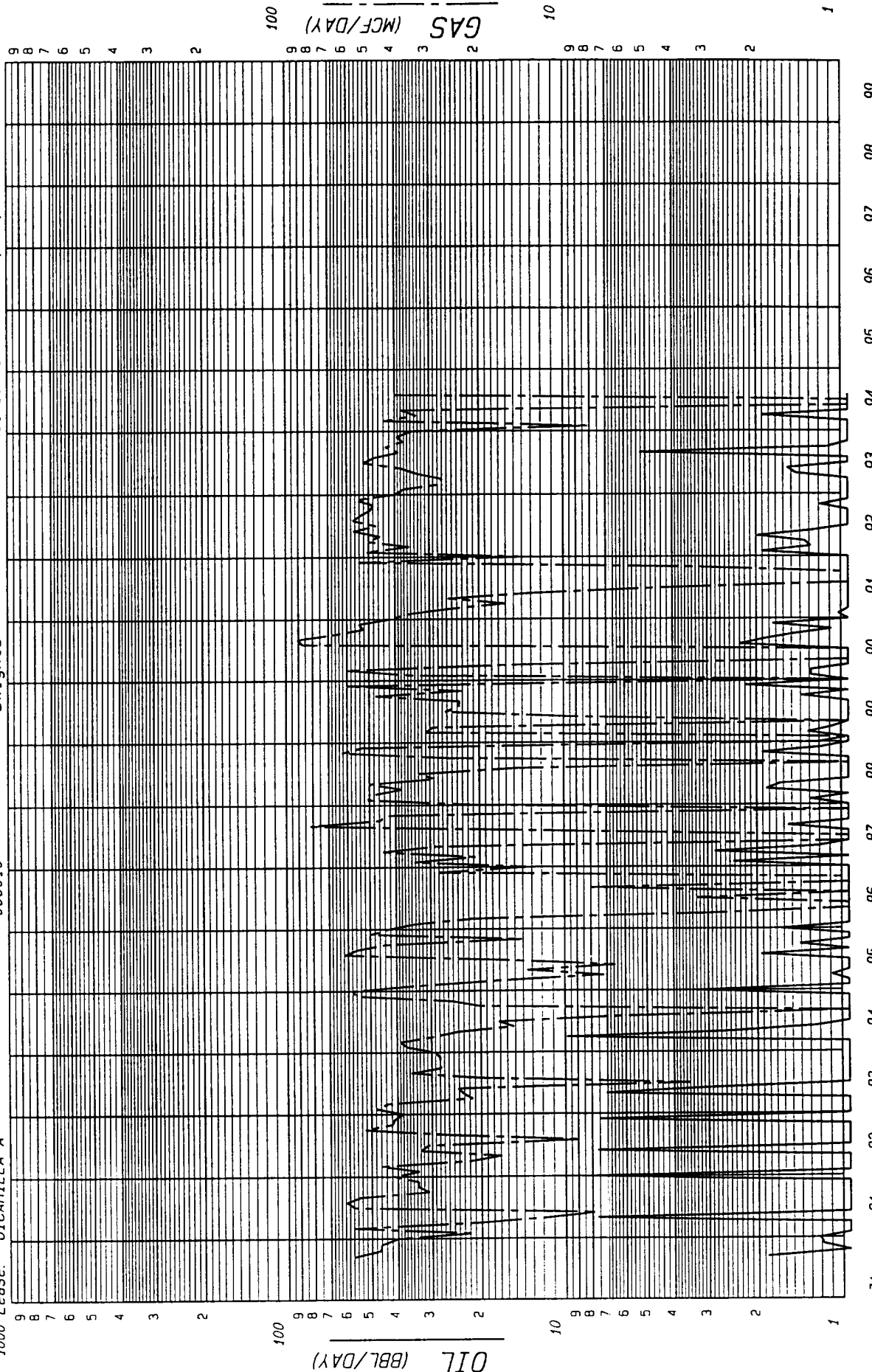
County: RIO ARriba State: NM
 Field: BLANCO (MESAVERT) MV
 Reservoir: MESAVERT
 Operator: MERIT ENERGY CORP
 Oil Cum: 383 Gas Cum: 241809
 Location: 14C 26N 4W

F.P. Date 11-68

Date: 01-16-95

000 lease: JICARILLA A

2000 lease: JICARILLA A

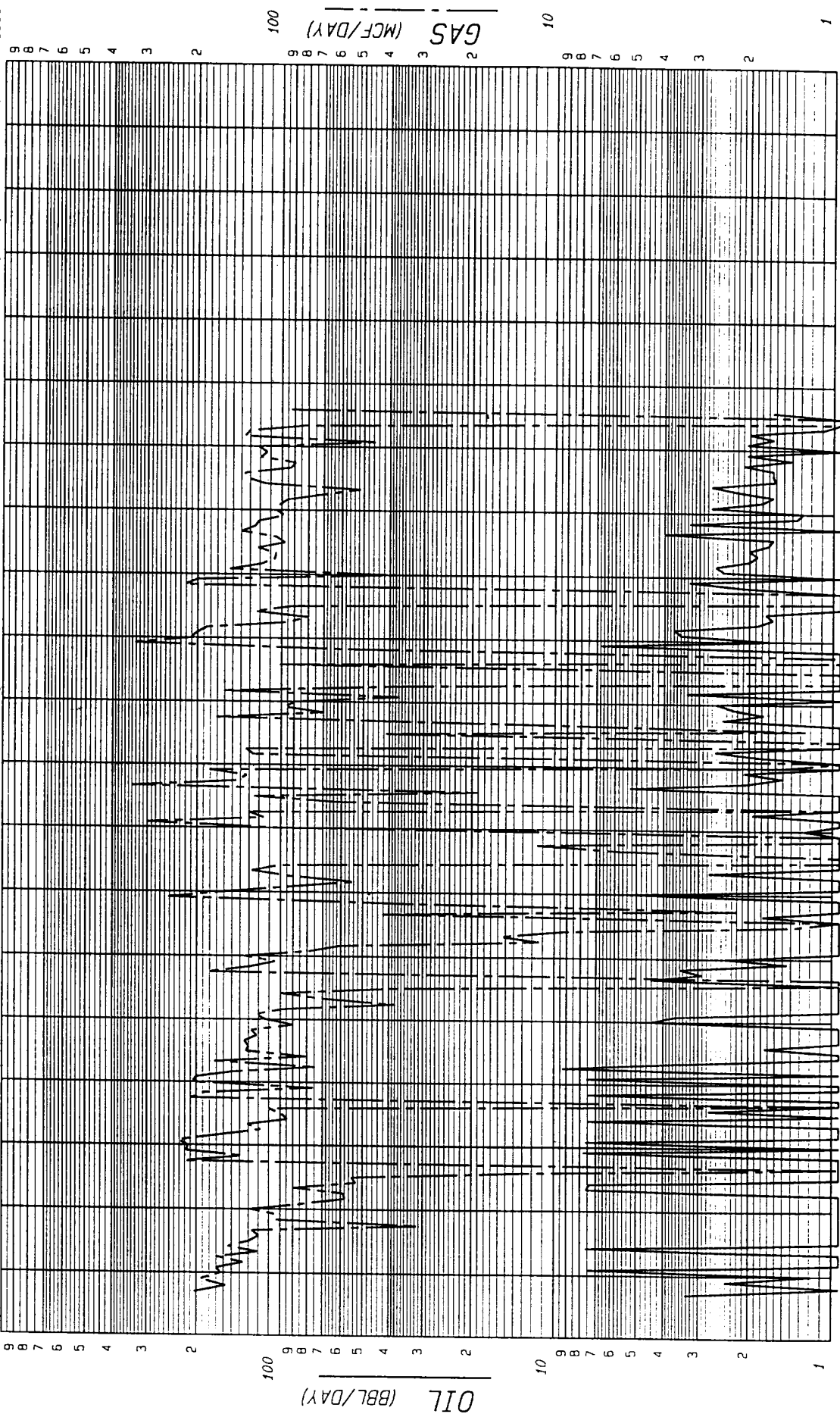


County: HIO ARRTBA
Field: BASIN (DAKOTA) DK
Reservoir: DAKOTA
Operator: MERIT ENERGY CORP
Oil Cum: 17025 Gas Cum: 520275
Location: 230 26N 4W

Date: 01-16-95

F.P. Date 11-68

1000 Lease: JICARILLA A 000011 Dwrights Retrieval Code: 251, 039, 26N04W14J00DK 1000



71 - Annual Data

County: HIO ARriba
Field: BASIN (DAKOTA) DK
Reservoir: DAKOTA
Operator: MERIT ENERGY CORP
Oil Cum: 31879 Gas Cum: 1532726
Location: 14J 26N 4W

State: NM

F.P. Date 12-68

Date: 01-16-95

1000 Lease: JICARILLA A Retrieval Code: 251, 039, 26N04W24D00DK

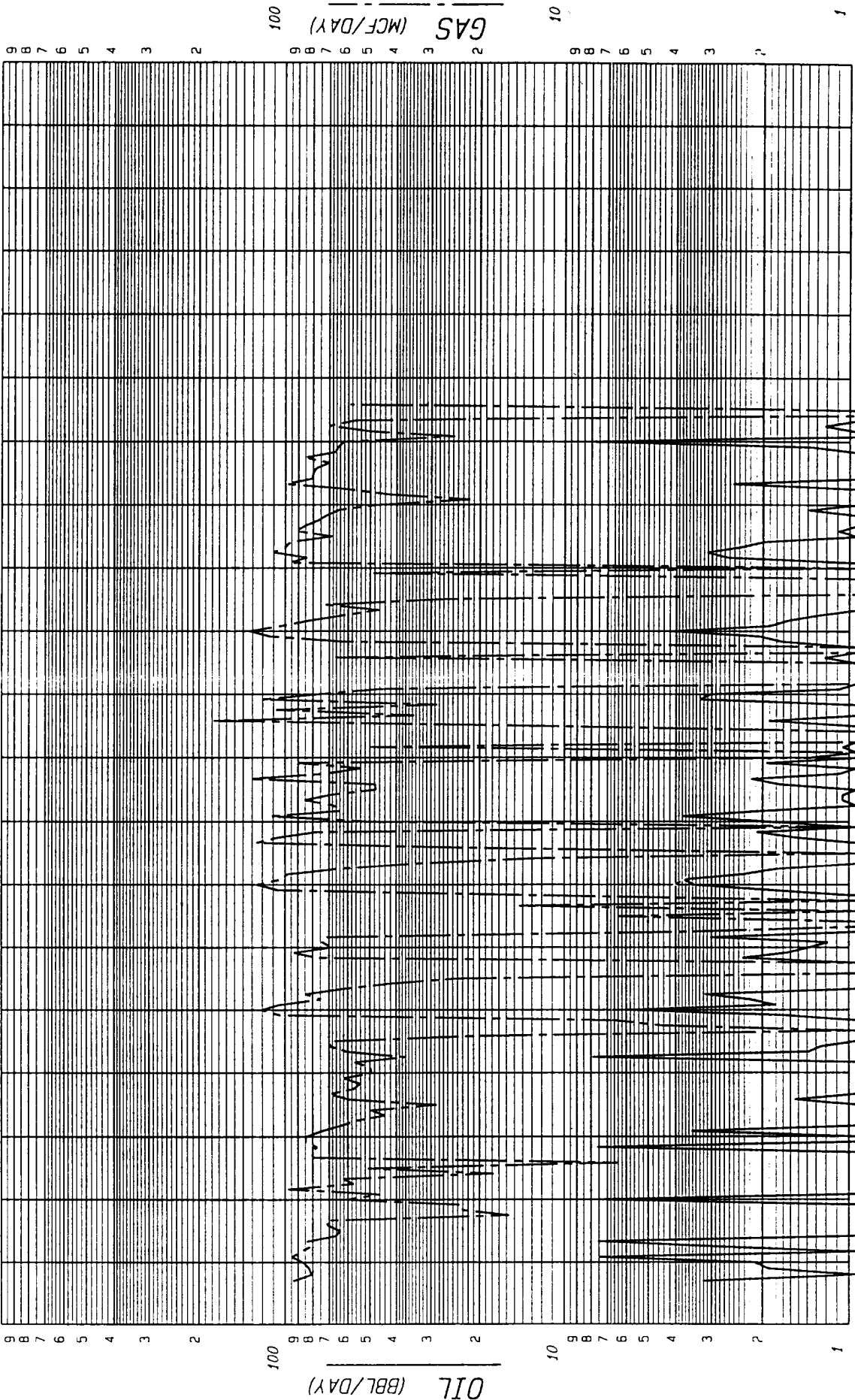
000012

Dwights

000012

JICARILLA A

1000 Lease: JICARILLA A



County: B10 ARriba
Field: BASIN (DAKOTA) DK
Reservoir: DAKOTA
Operator: MERIT ENERGY CORP
Oil Cum: 22728
Gas Cum: 643017
Location: 26N 4W

State: NM

F.P. Date 12-71

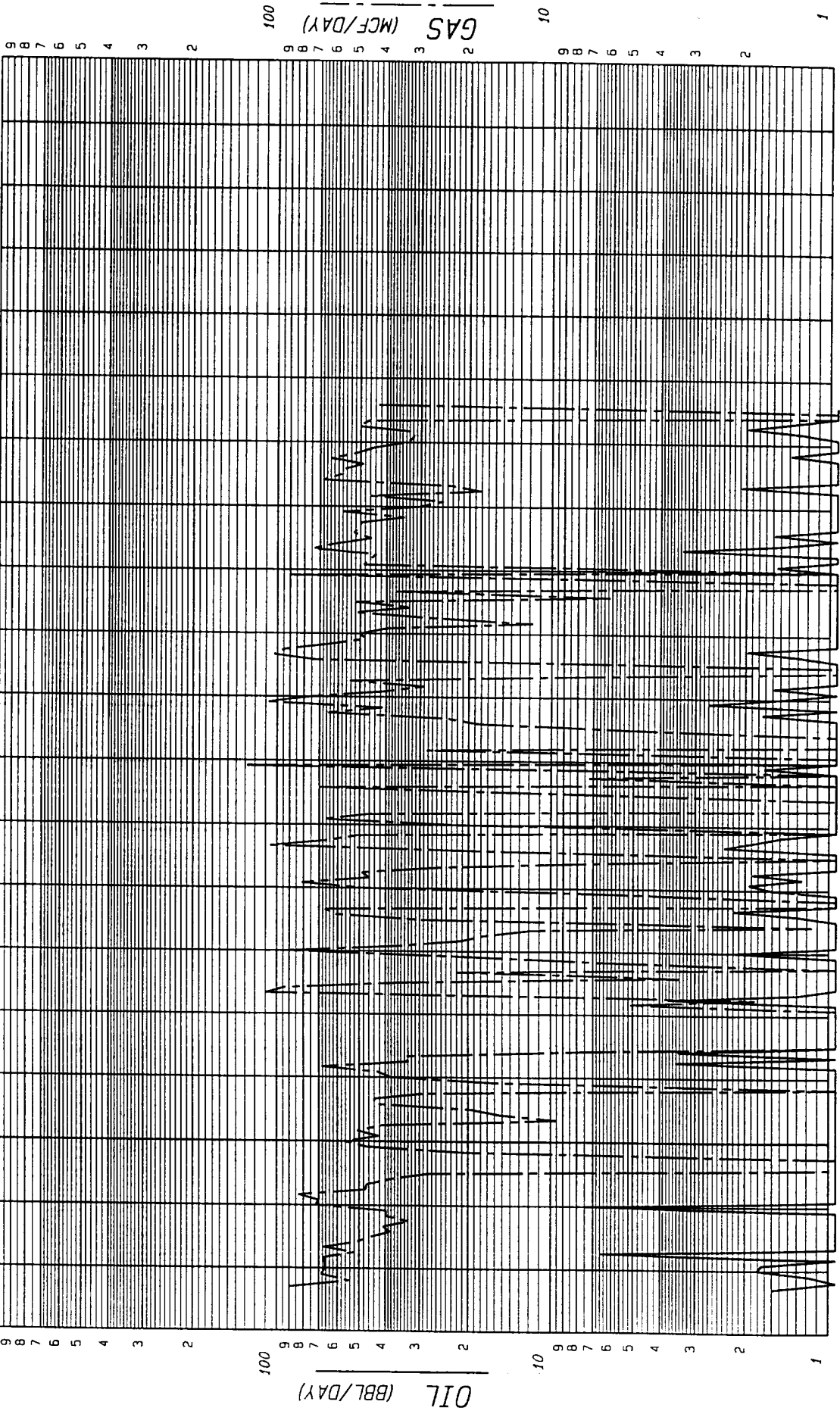
Date: 01-16-95

1000 Lease: JICARILLA A

000013

Dwights

Retrieval Code: 251, 039, 26N04W13E00DK



71-
Annual
Data

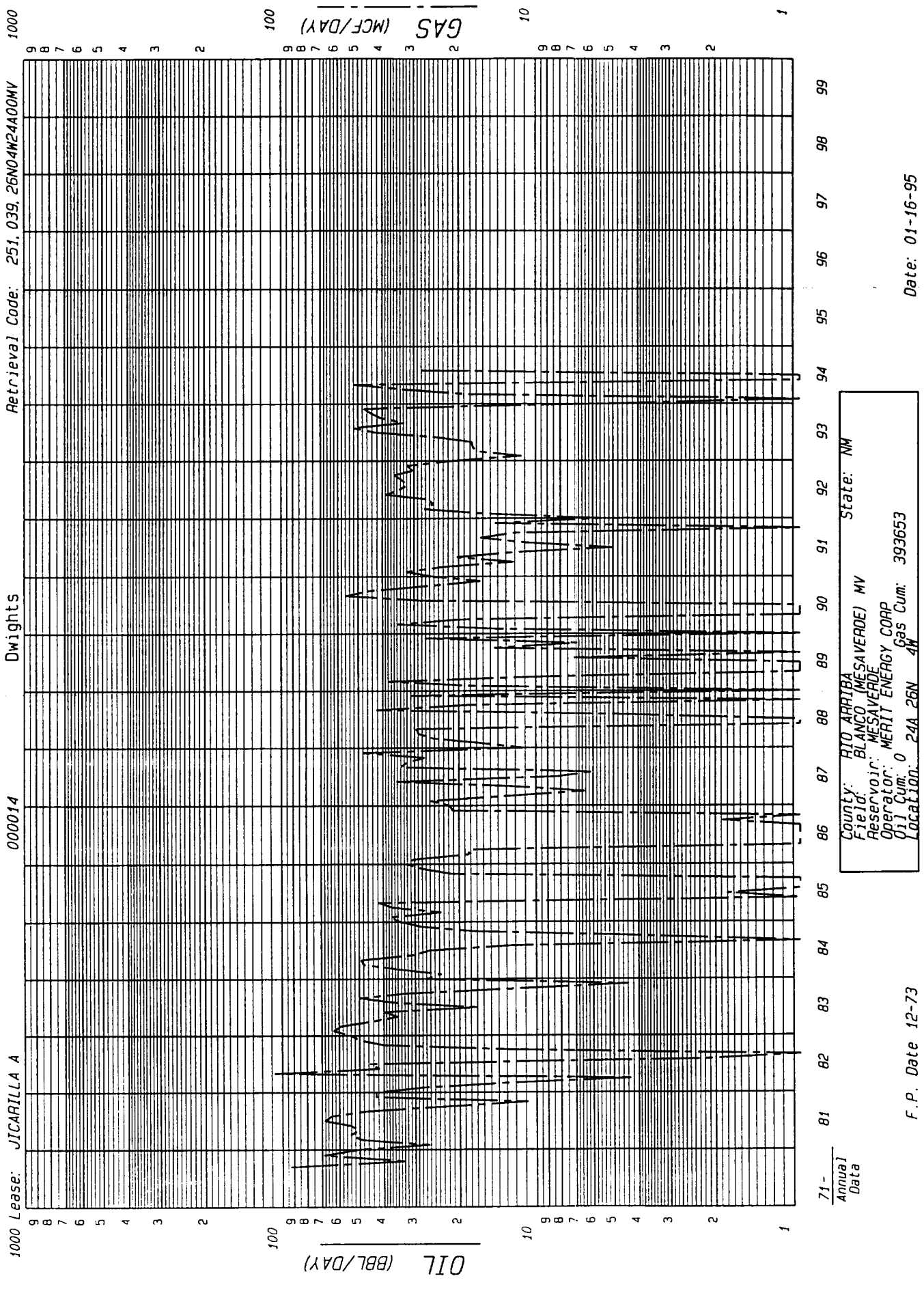
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

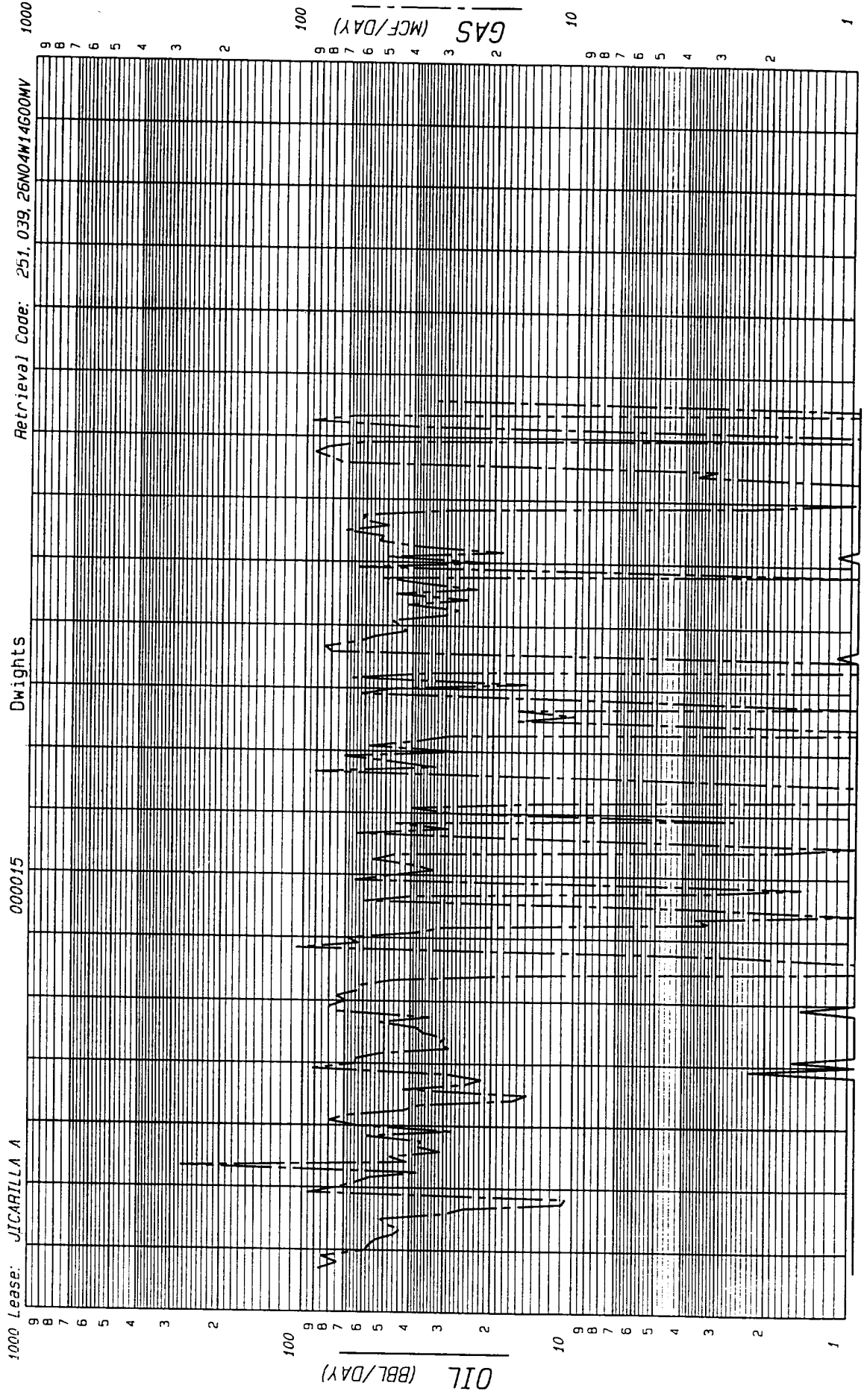
County: HIO ARTHA
Field: BASIN (DAKOTA) DK
Reservoir: DAKOTA
Operator: MERIT ENERGY CORP
Oil Cum: 11516 Gas Cum: 608867
Location: 13E 26N 4W

State: NM

F.P. Date 12-71

Date: 01-16-95





1000 Lease: JICARILLA A
 Retrieval Code: 251, 039, 26N04W14G00MV
 000015
 Dwrights

71- Annual Data
 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

County: RIO ARriba
 Field: BLANCO (MESAVERDE) MV
 Reservoir: MESAVERDE
 Operator: MERIT ENERGY CORP
 Oil Cum: 827 Gas Cum: 474031
 Location: 14G 26N 4W

F.P. Date 01-74

Date: 01-16-95

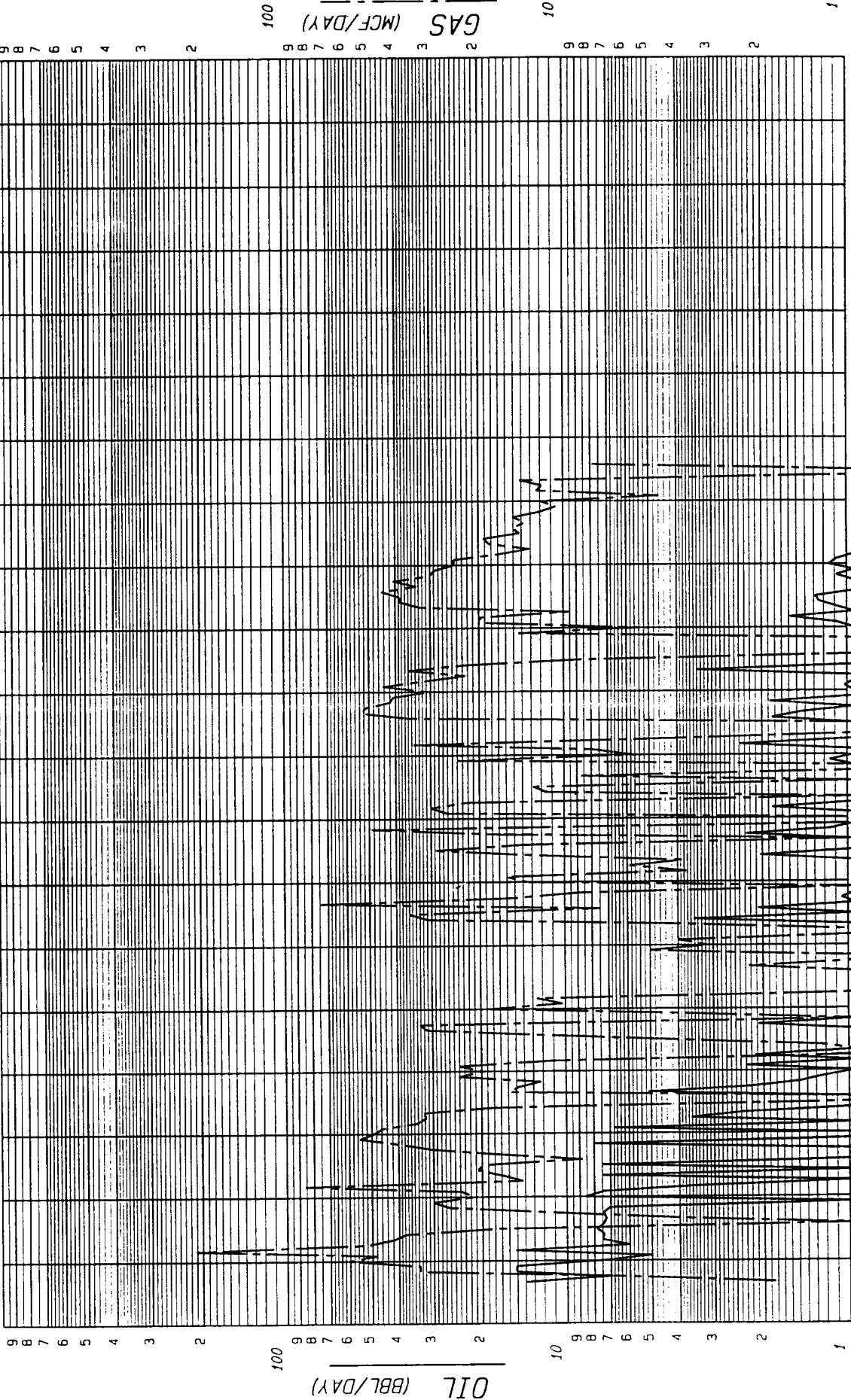
1000 Lease: JTCARILLA A Retrieval Code: 251, 039, 26N04W23600DK

00010E

Dwights

1000 Lease: JTCARILLA A

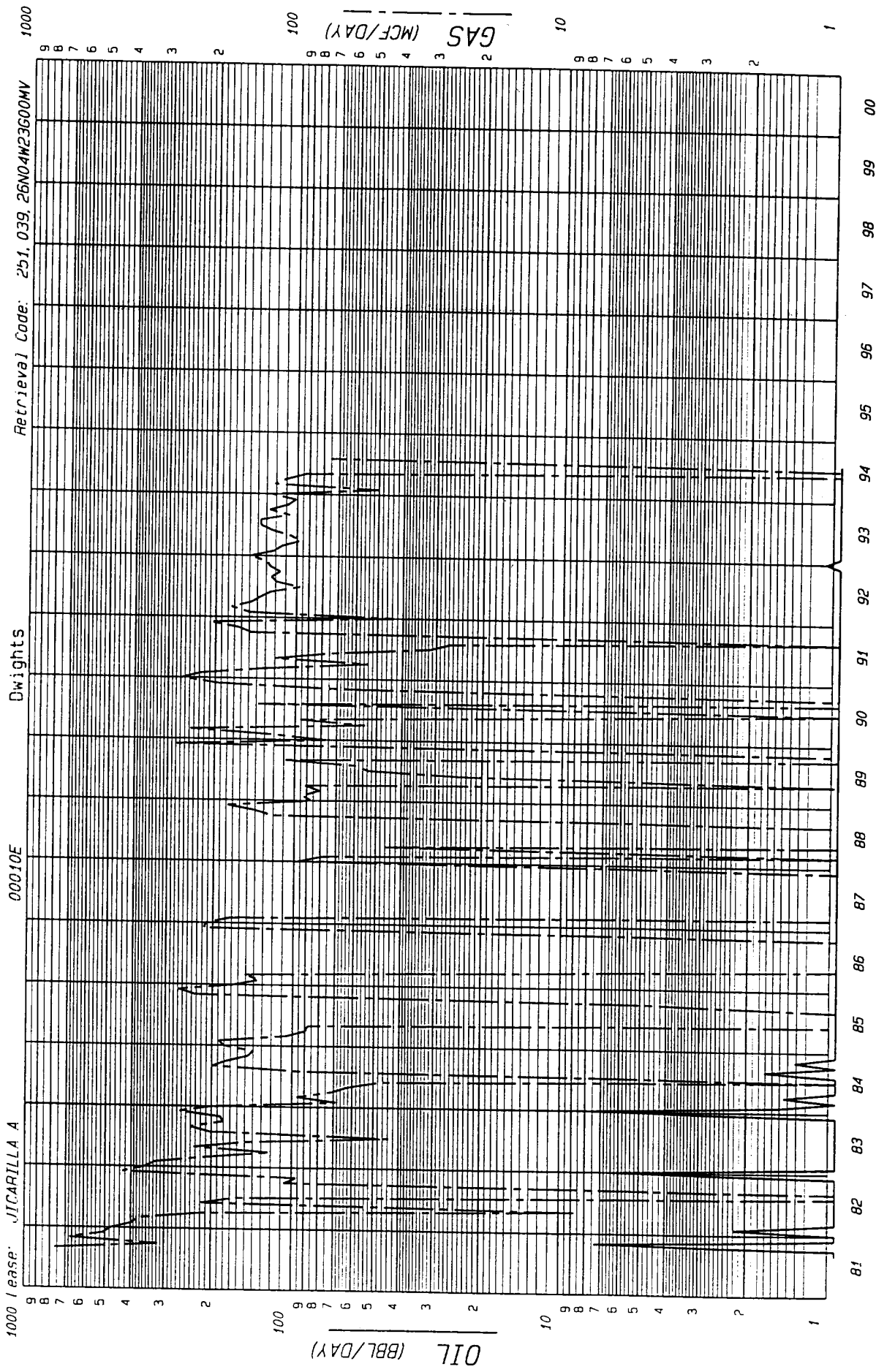
00010E



County: RTO ARBITA State: NW
Field: BASIN (DAKOTA) DK
Reservoir: DAKOTA
Operator: MERIT ENERGY CORP
Oil Cum: 8003 Gas Cum: 91578
Location: 236 26N 4W

Date: 01-16-95

F.P. Date 08-81



County: RIO ARriba
 Field: BLANCO (MESAVEDE) MV
 Reservoir: MESAVEDE
 Operator: MERIT ENERGY CORP
 Oil Cum: 1208
 Gas Cum: 555279
 Local ID: 236 26N 4W

F.P. Date 08-81

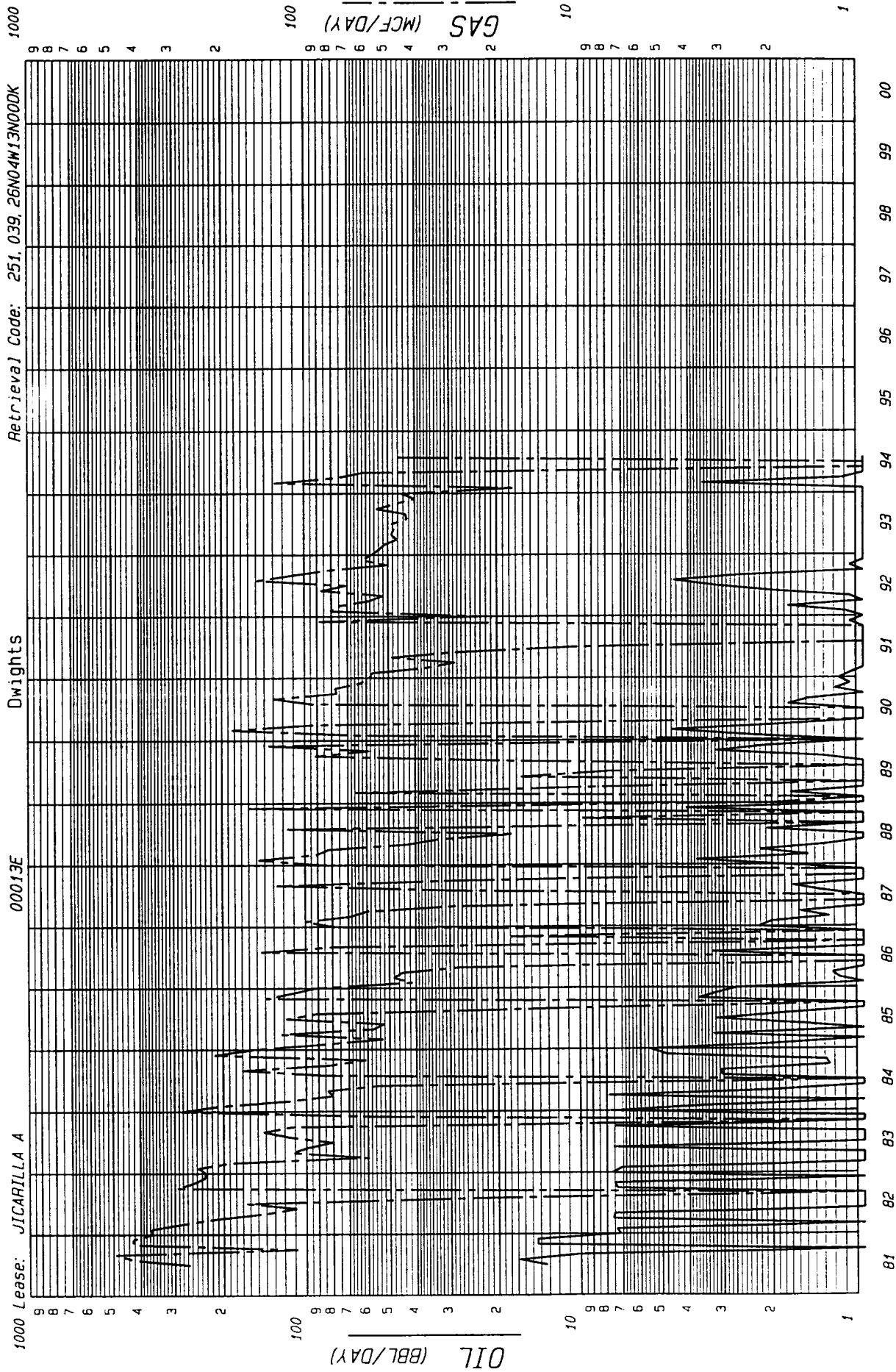
Date: 01-16-95

1000 lease: JICARILLA A

Dwights

00010E

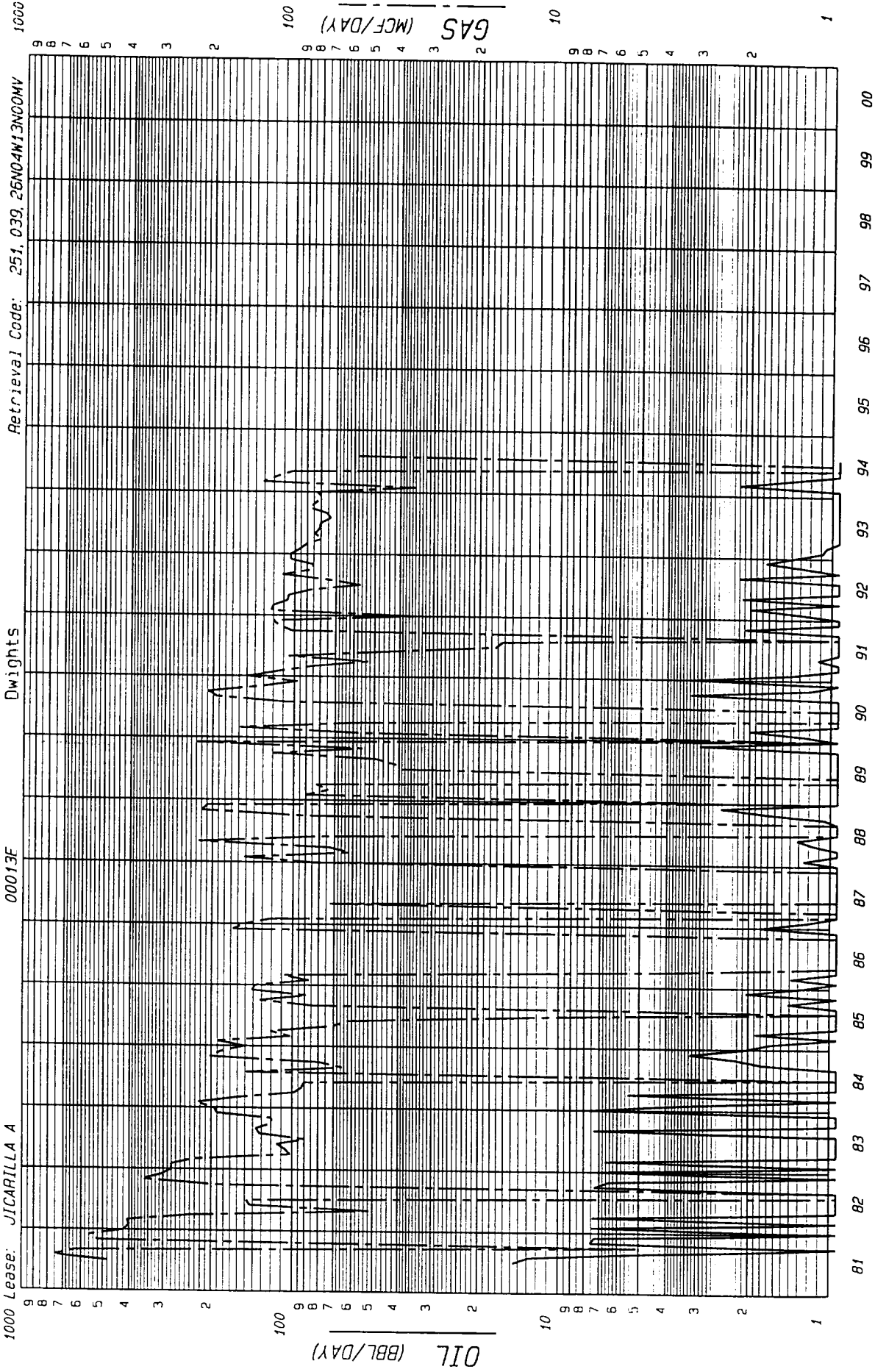
Retrieval Code: 251, 039, 26N04W23600MV



County: RIO ARriba State: NM
 Field: BASIN (DAKOTA) DK
 Reservoir: DAKOTA
 Operator: MERIT ENERGY CORP
 Oil Cum: 9331 Gas Cum: 415944
 Location: 26N 48W

Date: 01-16-95

F.P. Date 06-81



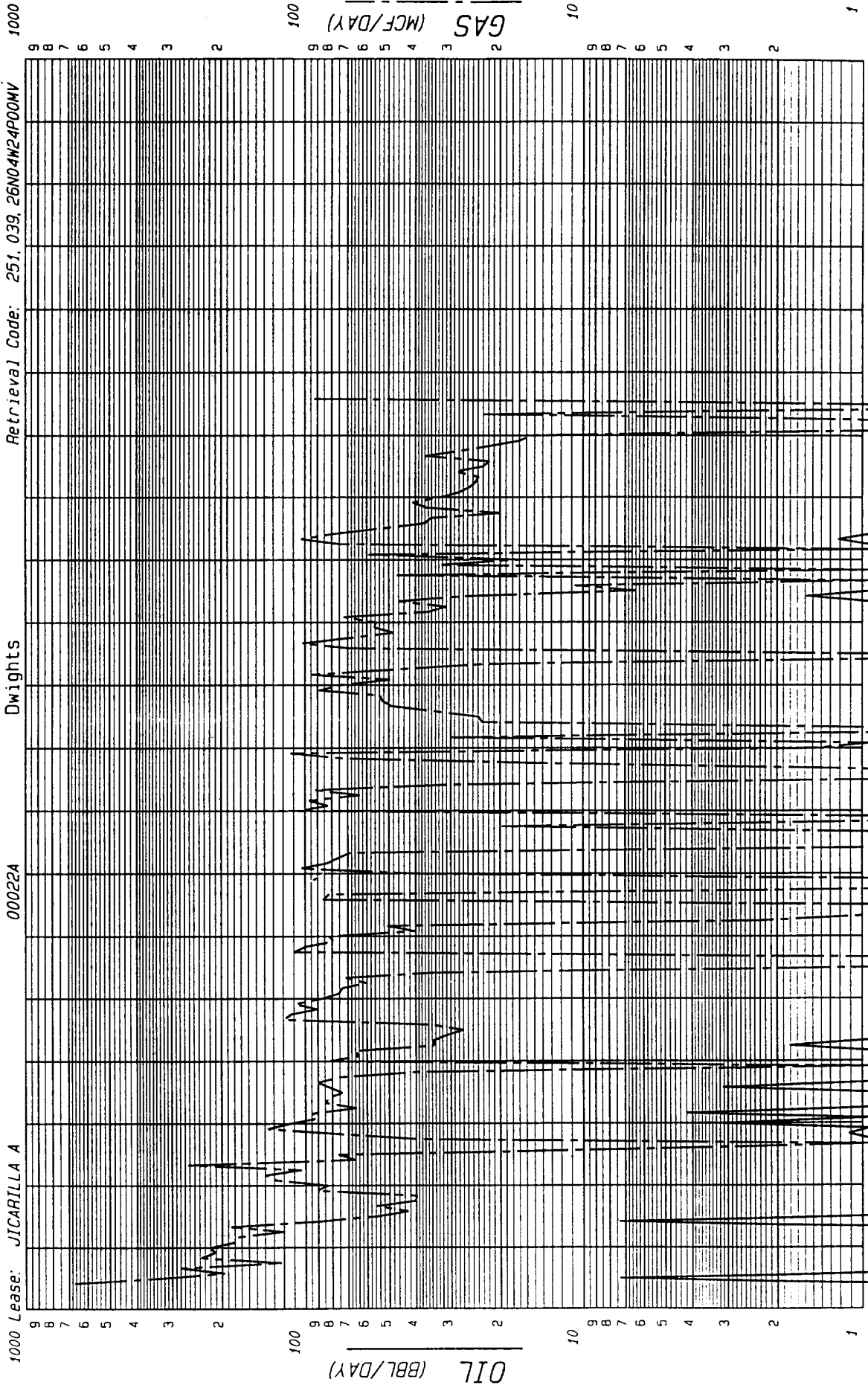
1000 Lease: JICARILLA A 00013F Dwights Retrieval Code: 251, 039, 25N04W13N00MV 1000

County: RIO ARriba State: NM
 Field: BLANCO (MESAVEROE) MV
 Reservoir: MESAVEROE
 Operator: MERIT ENERGY CORP
 Oil Cum: 6247 Gas Cum: 535740
 Location: 13N 25N 4W

Date: 01-16-95

F.P. Date 06-81

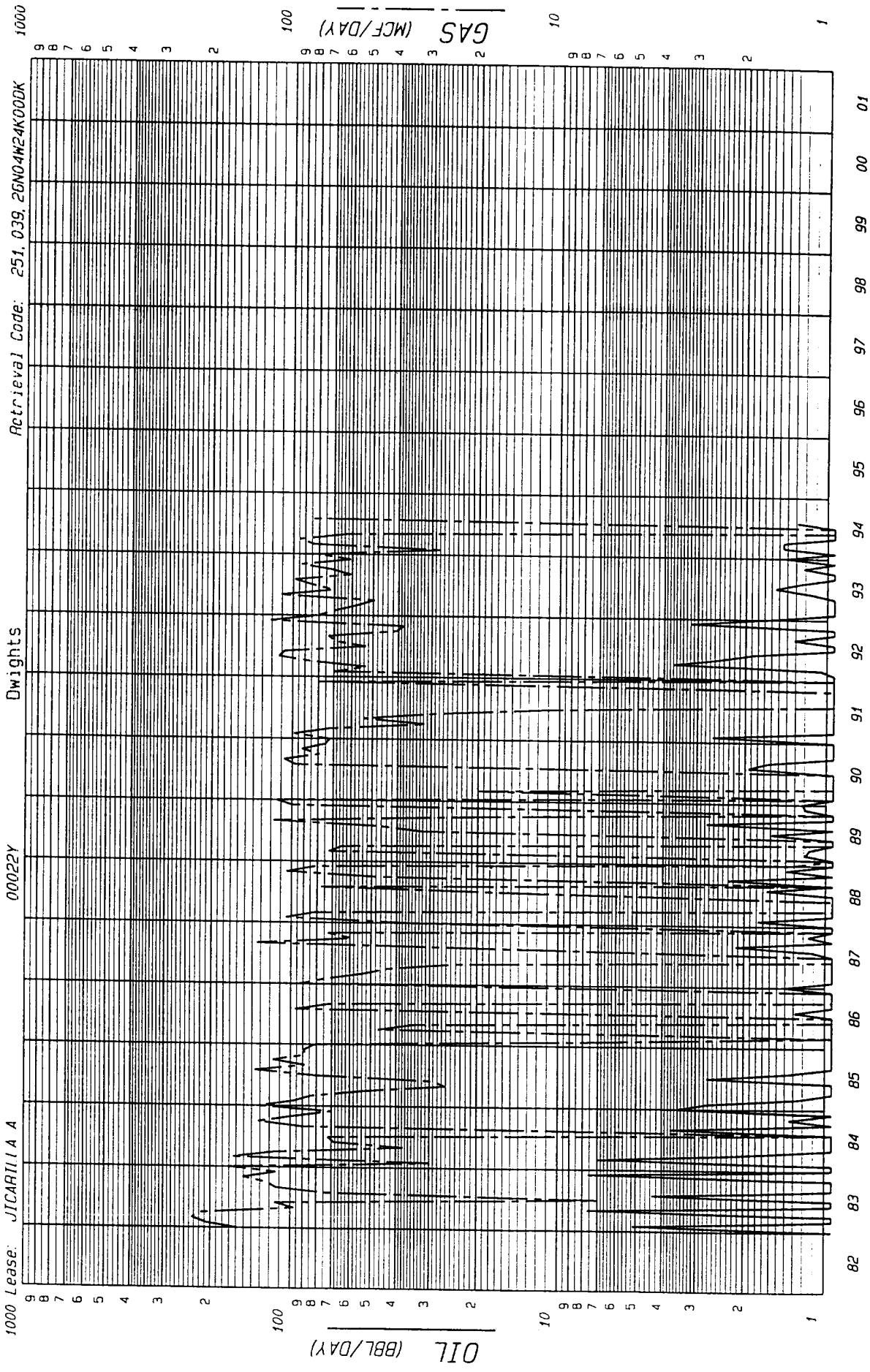
1000 Lease: JICARILLA A 00022A Retrieval Code: 251, 039, 26N04N24P00MV



County: RIO ARriba State: NM
Field: BLANCO (MESAVEDE) MV
Reservoir: MESAVEDE
Operator: MERIT ENERGY CORP
Oil Cum: 1758 Gas Cum: 322440
Location: 24P 26N 4W

F.P. Date 05-80

Date: 01-16-95

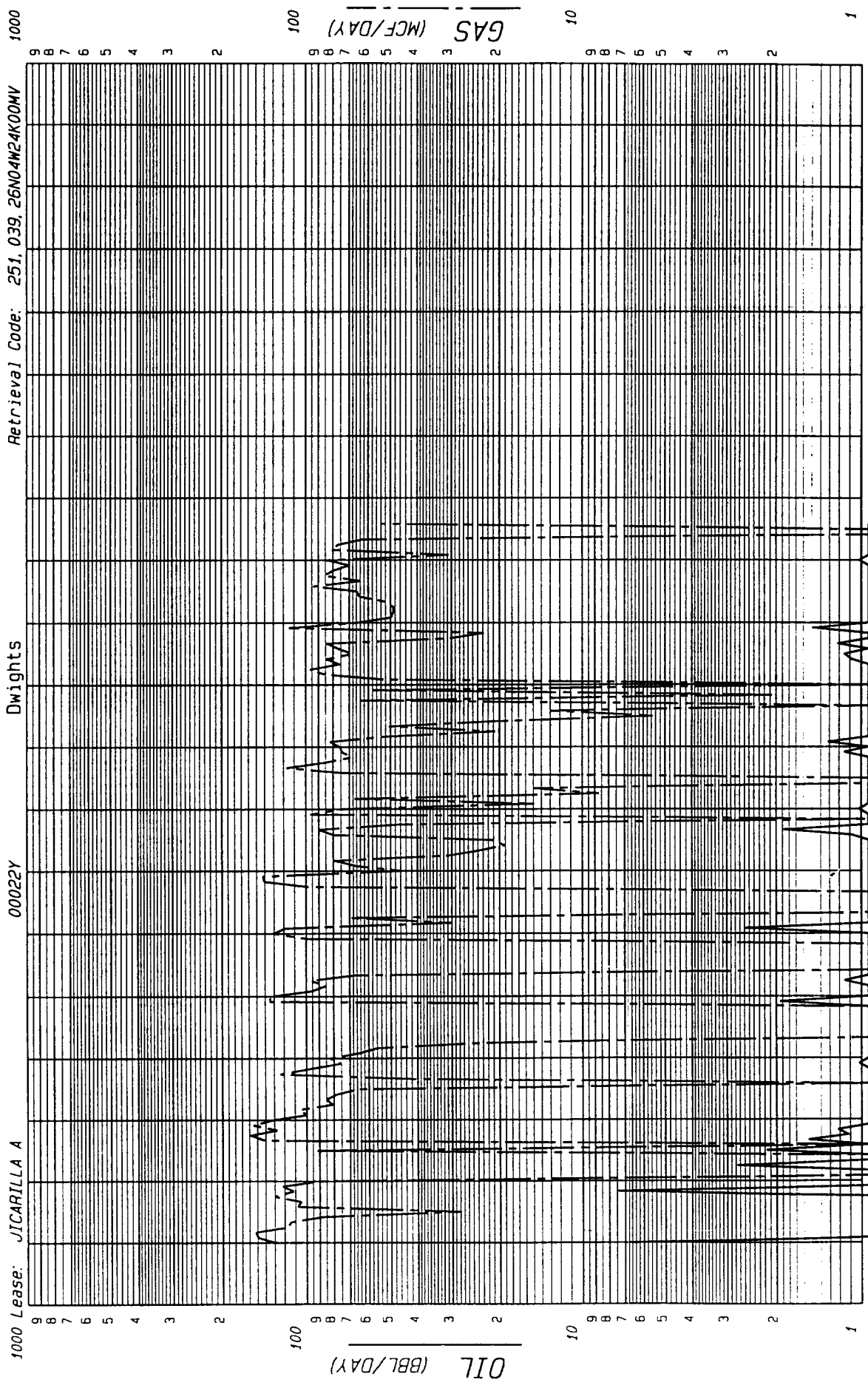


1000 Lease: JICARILLA A 00022Y Dwights Retrieval Code: 251, 039, 26N04W24K00DK

County: R10 ARKIBAS
 Field: BASIN (DAKOTA) DK
 Reservoir: DAKOTA
 Operator: MERIT ENERGY CORP
 Oil Cum: 3975
 Gas Cum: 266921
 Location: 24K 26N 4W

Date: 01-16-95

F.P. Date 12-82



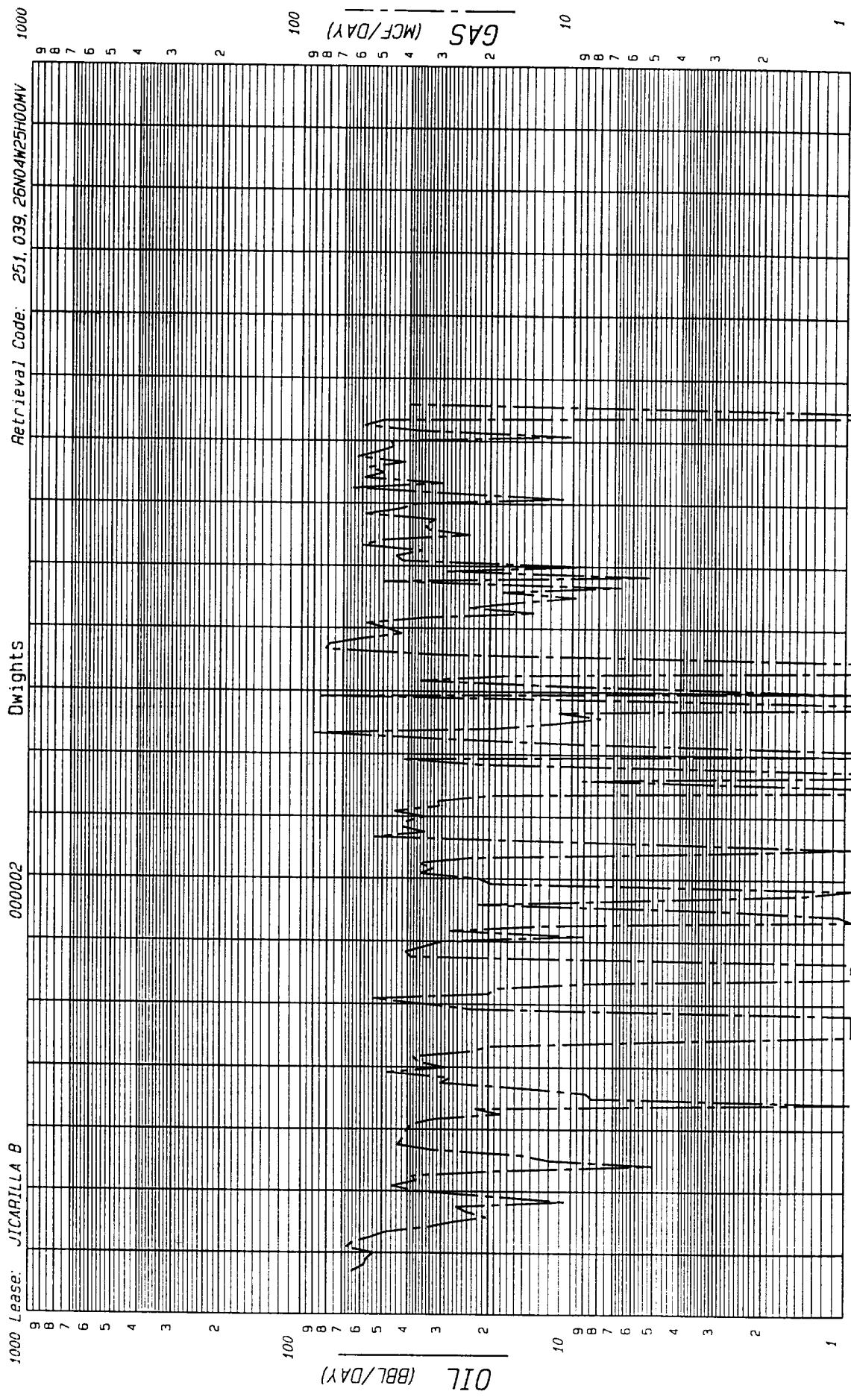
1000 Lease: JICARILLA A 00022Y Dwrights Retrieval Code: 251, 039, 26N04W24K00MV

County: RIO ARriba
 Field: BLANCO (MESAVEDE) MV
 Reservoir: MESAVEDE
 Operator: MERIT ENERGY CORP
 Oil Cum: 2453 Gas Cum: 254995
 Location: 24K 26N 4W

State: NM

F.P. Date 12-82

Date: 01-16-95



1000 Lease: JICARILLA B

000002

Dwights

Retrieval Code: 251, 039, 26N04W25H00MV

71 - Annual Data

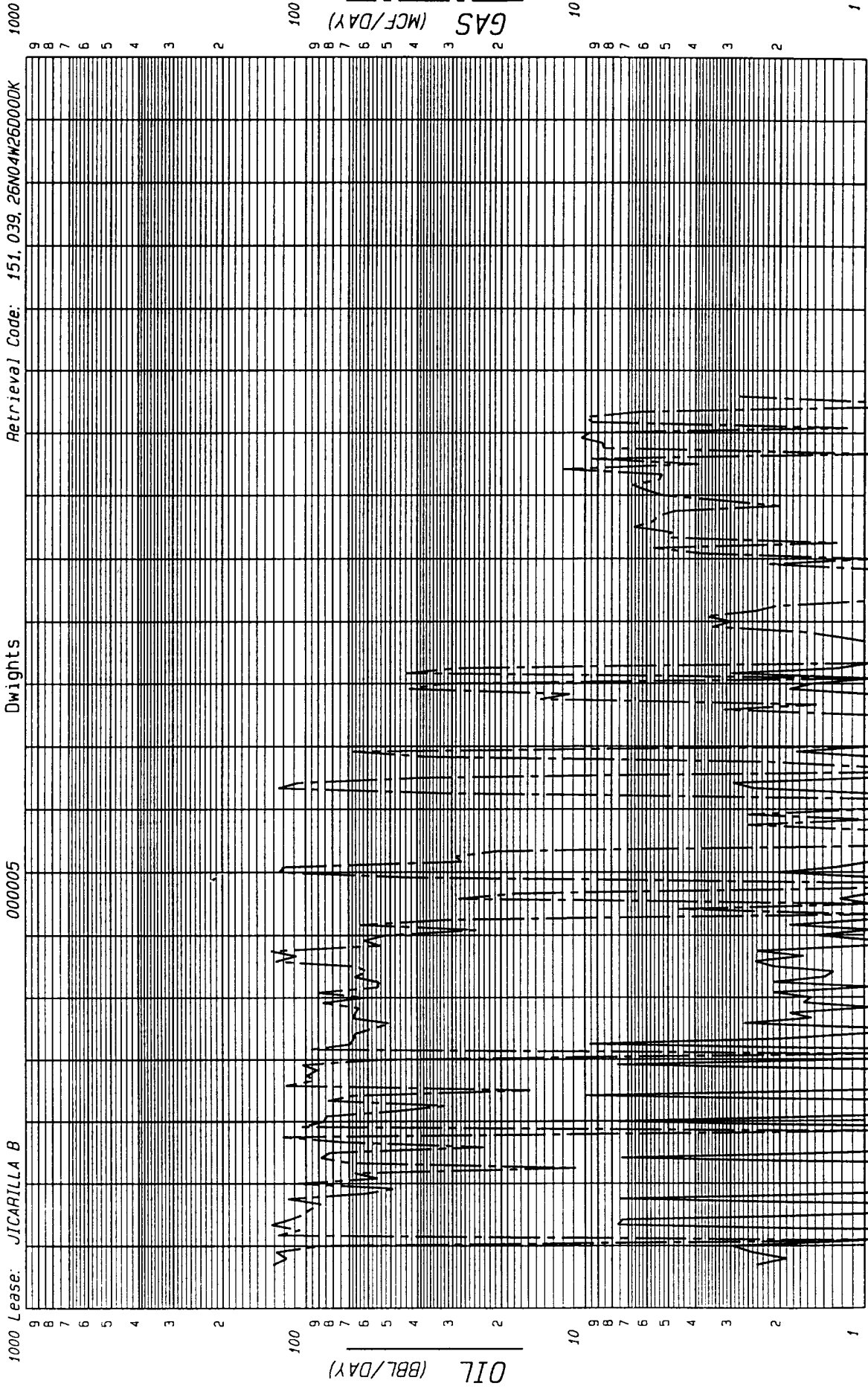
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

County: RIO ARriba
 Field: BLANCO (MESAVEDE) MV
 Reservoir: MESAVEDE
 Operator: MERIT ENERGY CORP
 Oil Cum: 169,7
 Gas Cum: 592001
 Location: 25H 26N 4W

State: NM

F.P. Date 04-5/

Date: 01-16-95



County: RIO ARriba
 Field: WILD HORSE (DAKOTA) DK
 Reservoir: DAKOTA
 Operator: MERIT ENERGY CORP
 Oil Cum: 64767
 Gas Cum: 1203144
 Location: 26N 26W 4W

F.P. Date

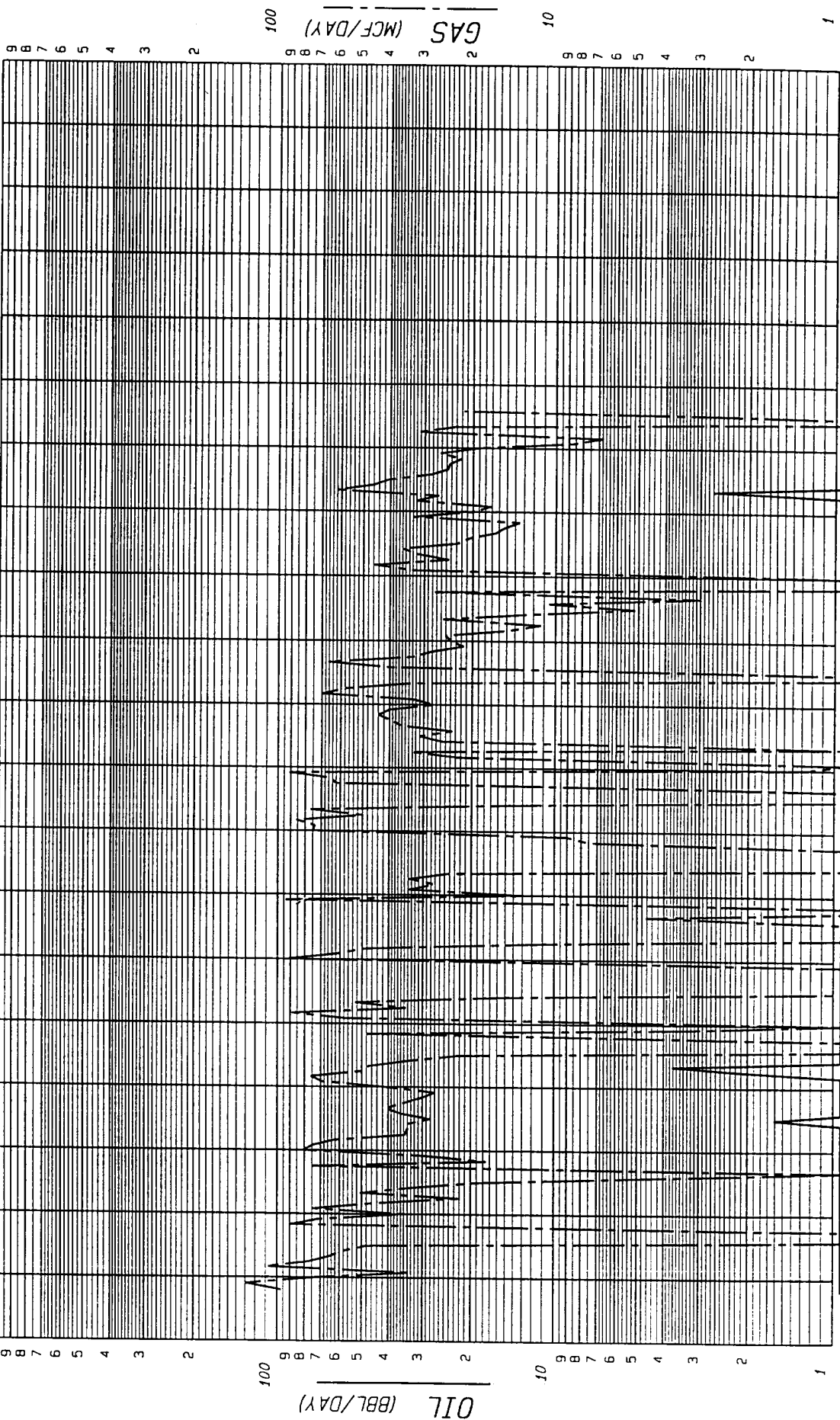
Date: 01-16-95

1000 Lease: JICARILLA B Retrieval Code: 251, 039, 26N04W25K00MV 000008

Dwights

1000

1000



71-
Annual
Data

81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

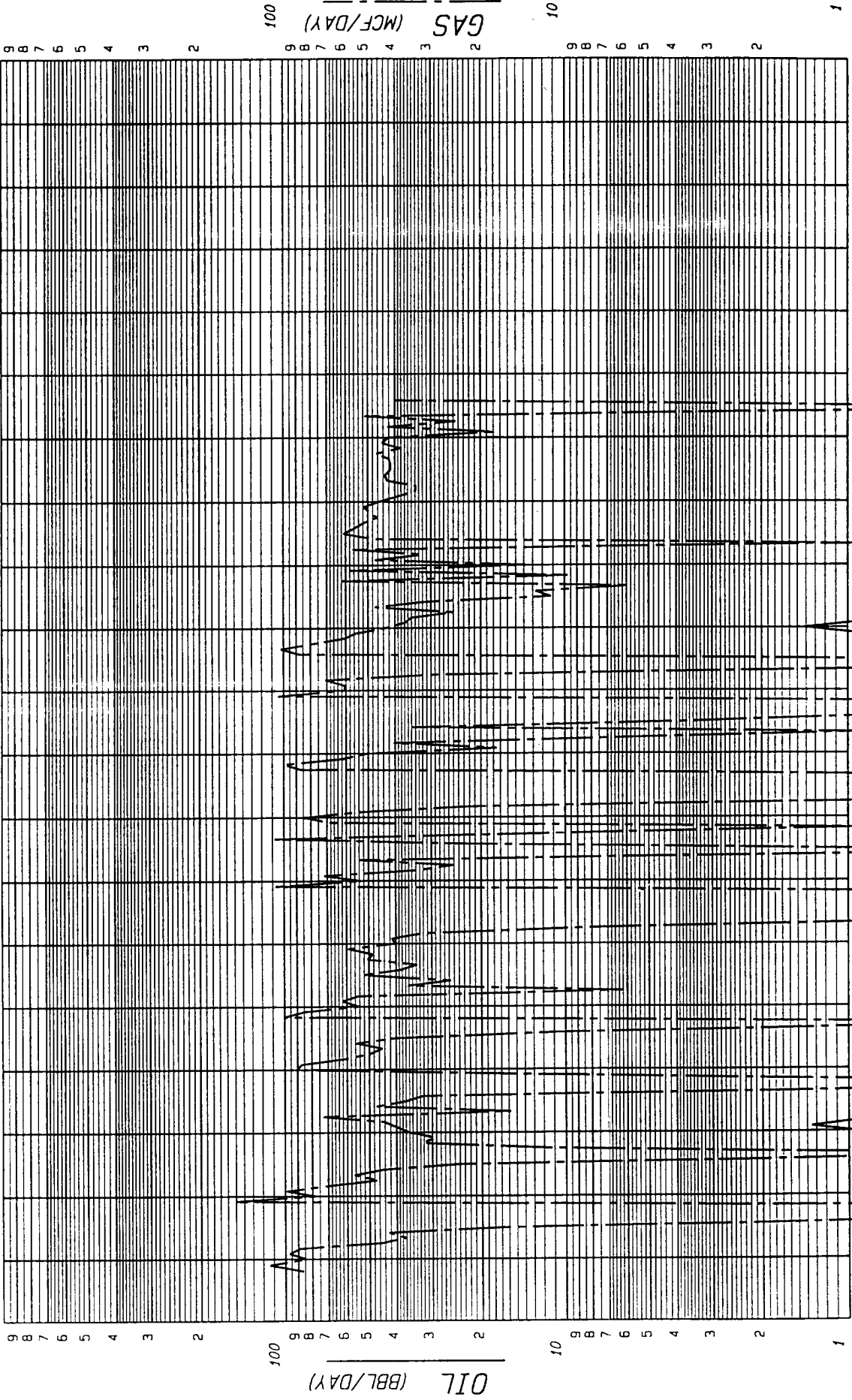
COUNTY: RIO ARriba
Field: BLANCO (MESAVEDE) MV
Reservoir: MESAVEDE
Operator: MERIT ENERGY CORP
Oil Cum: 364 Gas Cum: 255714
Location: 25K 26N 4W

State: NM

F.P. Date 05-78

Date: 01-16-95

1000 Lease: JICARILLA B



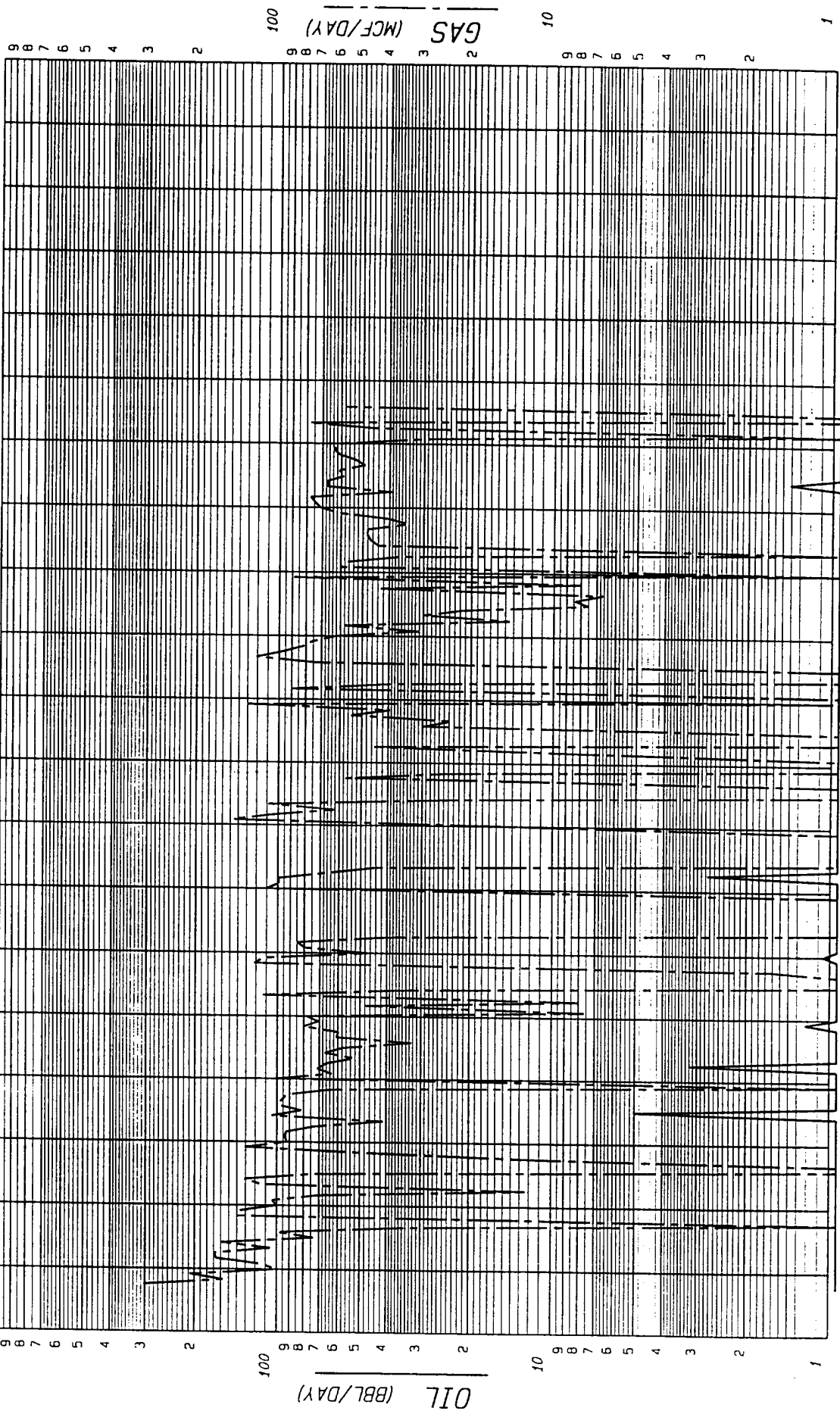
Date: 01-16-95

1000 Lease: JICARILLA B

000012

Dwights

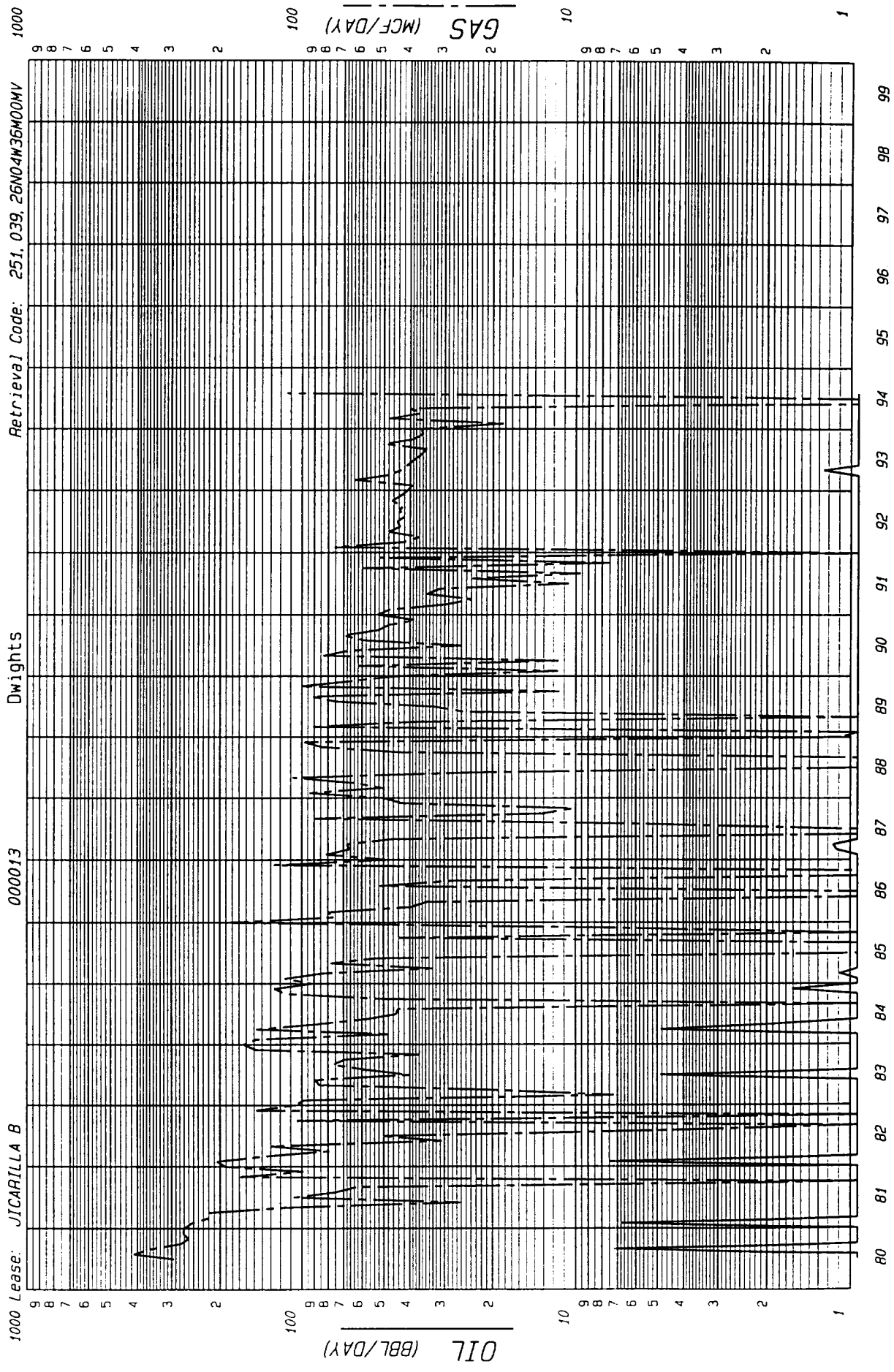
Retrieval Code: 251, 039, 26N04W35B00MV



County: RIO ARriba State: NM
Field: BLANCO (MESAVERDE) MV
Reservoir: MESAVERDE
Operator: MERIT ENERGY CORP
Oil Cum: 572 Gas Cum: 273602
Location: 35B 26N 4W

F.P. Date 09-80

Date: 01-15-95



1000 Lease: JICARILLA B 000013 Dwellings Retrieval Code: 251, 039, 26N04W36M00MV 1000

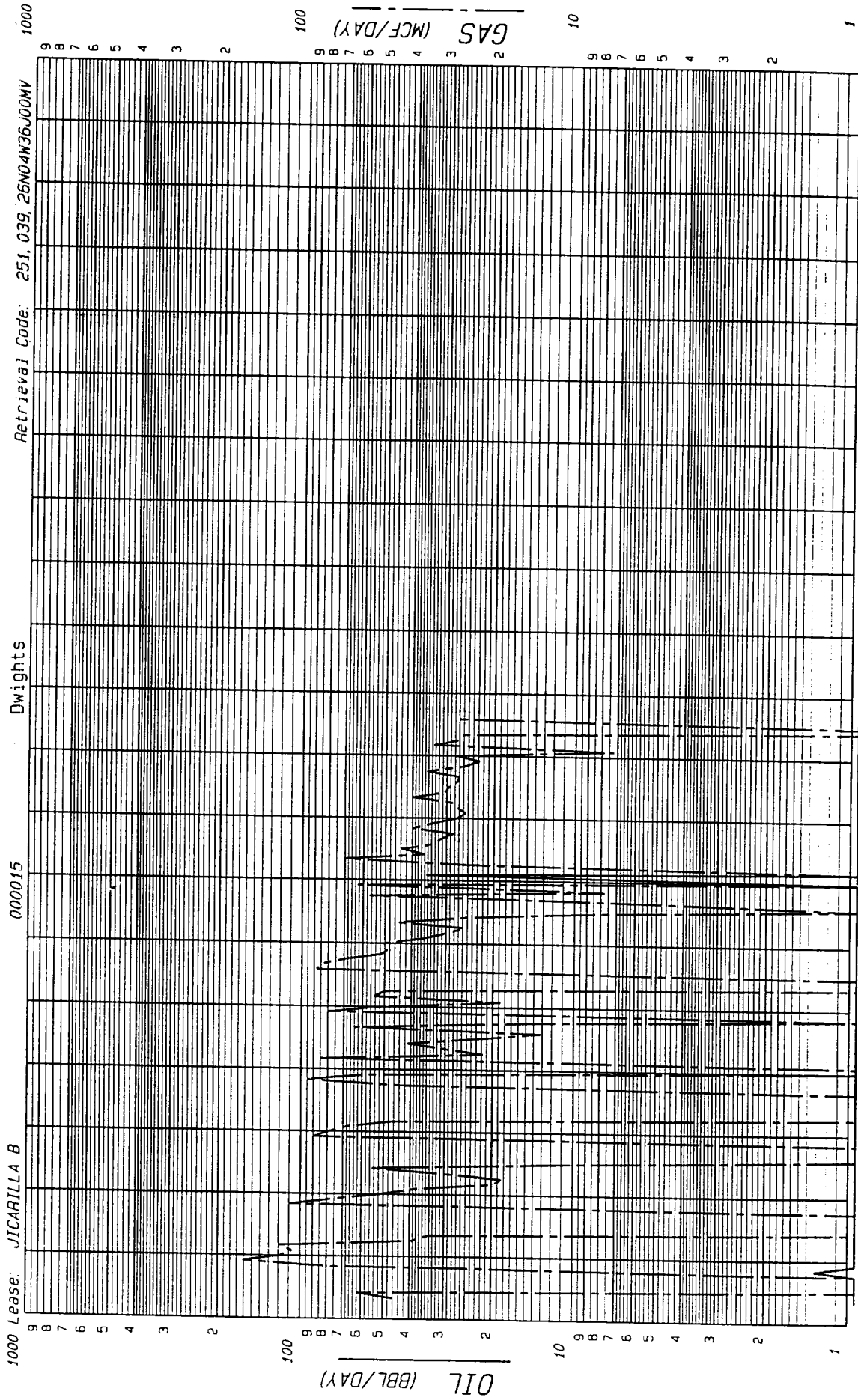
OIL (BBL/DAY)

GAS (MCF/DAY)

County: RIO ARriba State: NM
 Field: BLANCO (MESAVI:ADE) MV
 Reservoir: MESAVI:ADE
 Operator: MERIT ENERGY CORP
 Oil Cum: 1613 Gas Cum: 348798
 Location: 36N 26W 4W

F.P. Date 06-80

Date: 01-16-95



County: RIO ARriba
 Field: BLANCO (MESAVEDE) MV
 Reservoir: MESAVEDE
 Operator: MERIT ENERGY CORP
 Oil Cum: 1321
 Gas Cum: 113568
 Location: 36J 26N 4W

State: NM

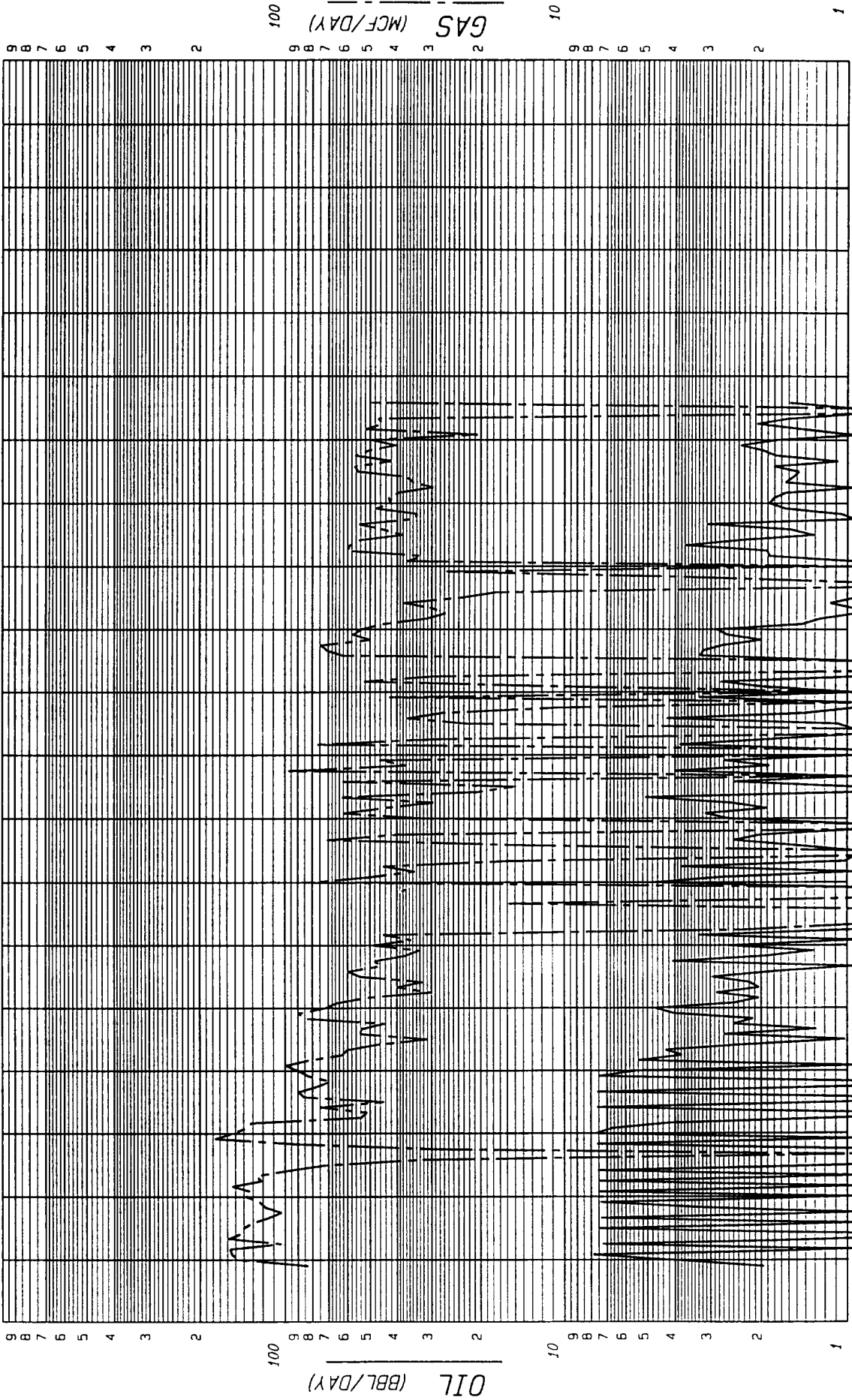
F.P. Date 04-85

Date: 01-16-95

1000 Lease: JICARILLA B Retrieval Code: 251, 039, 26N04W25D000K

Dwights

00008A



71- Annual Data

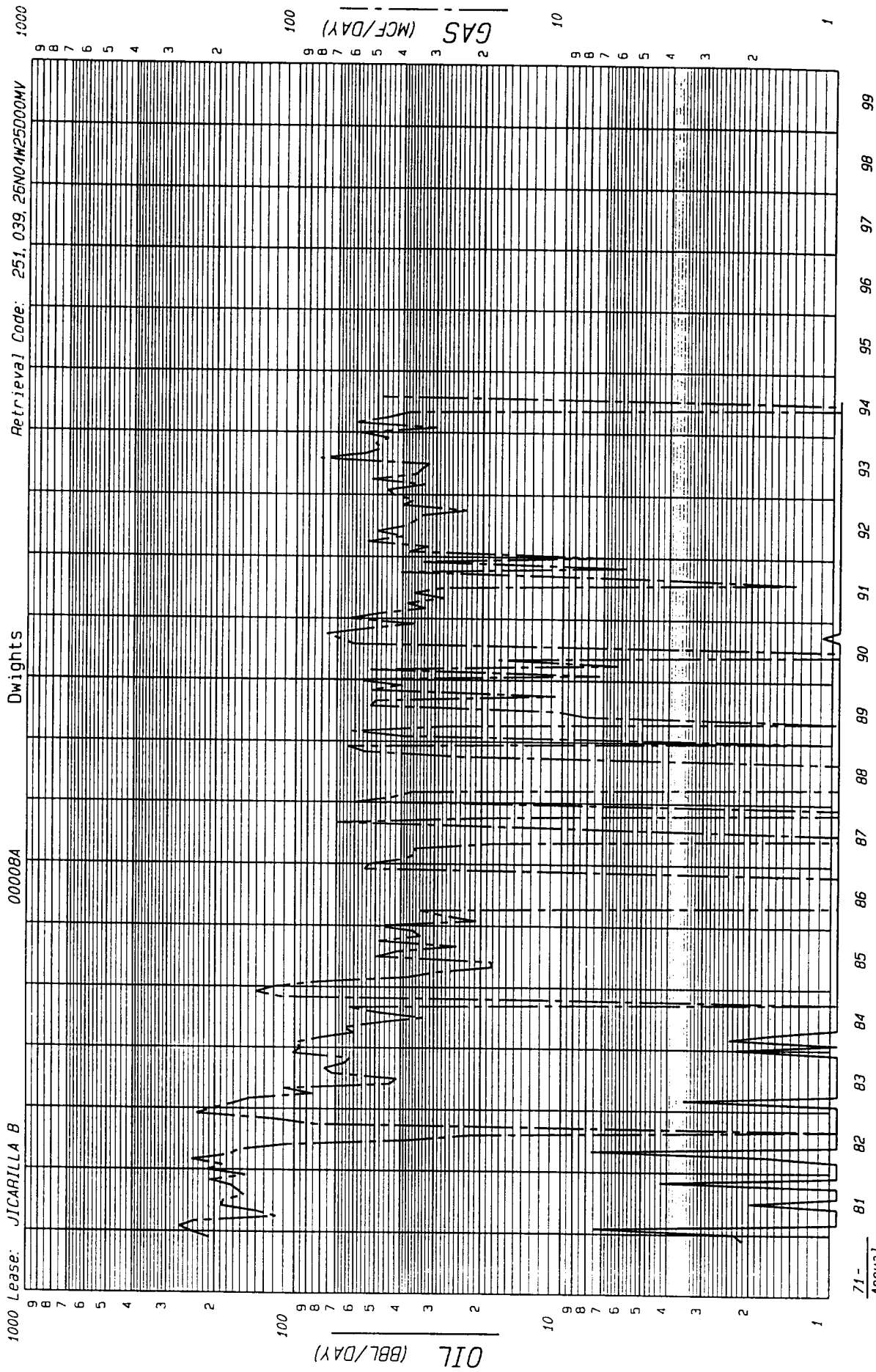
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

County: RIO ARriba
Field: BASIN (DAKOTA) DK
Reservoir: DAKOTA
Operator: MERIT ENERGY CORP
Oil Cum: 12051 Gas Cum: 335342
Location: 25D 26N 4W

State: NM

F.P. Date 07-79

Date: 01-16-95



County: RIO ARriba
 Field: BLANCO (MESAVEDE) MV
 Reservoir: MESAVEDE
 Operator: MERIT ENERGY CORP
 Oil Cum: 3017
 Gas Cum: 448486
 Location: 25D 26N 4W

State: NM

F.P. Date 07-79

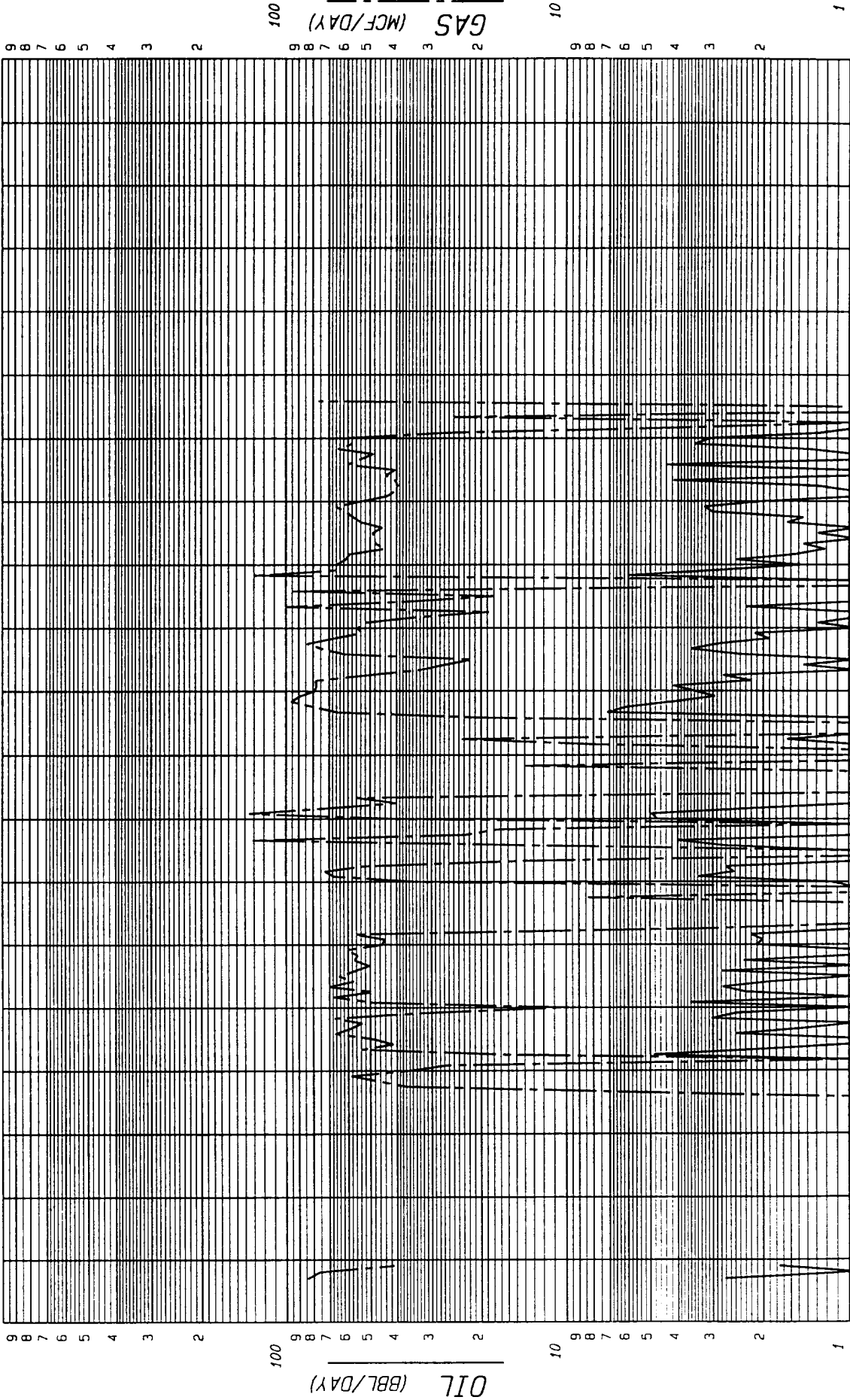
Date: 01-16-95

1000 Lease: JICARTILLA E Retrieval Code: 251, 039, 26N04W15P00DK

Dwights

000007

81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99



71-
Annual
Data

County: RIO ARriba
Field: BASIN (DAKOTA) DK
Reservoir: DAKOTA
Operator: MERIT ENERGY CORP
Oil Cum: 26409 Gas Cum: 647183
Location: 15p 26N 4W

State: NM

F.P. Date 03-68

Date: 01-16-95

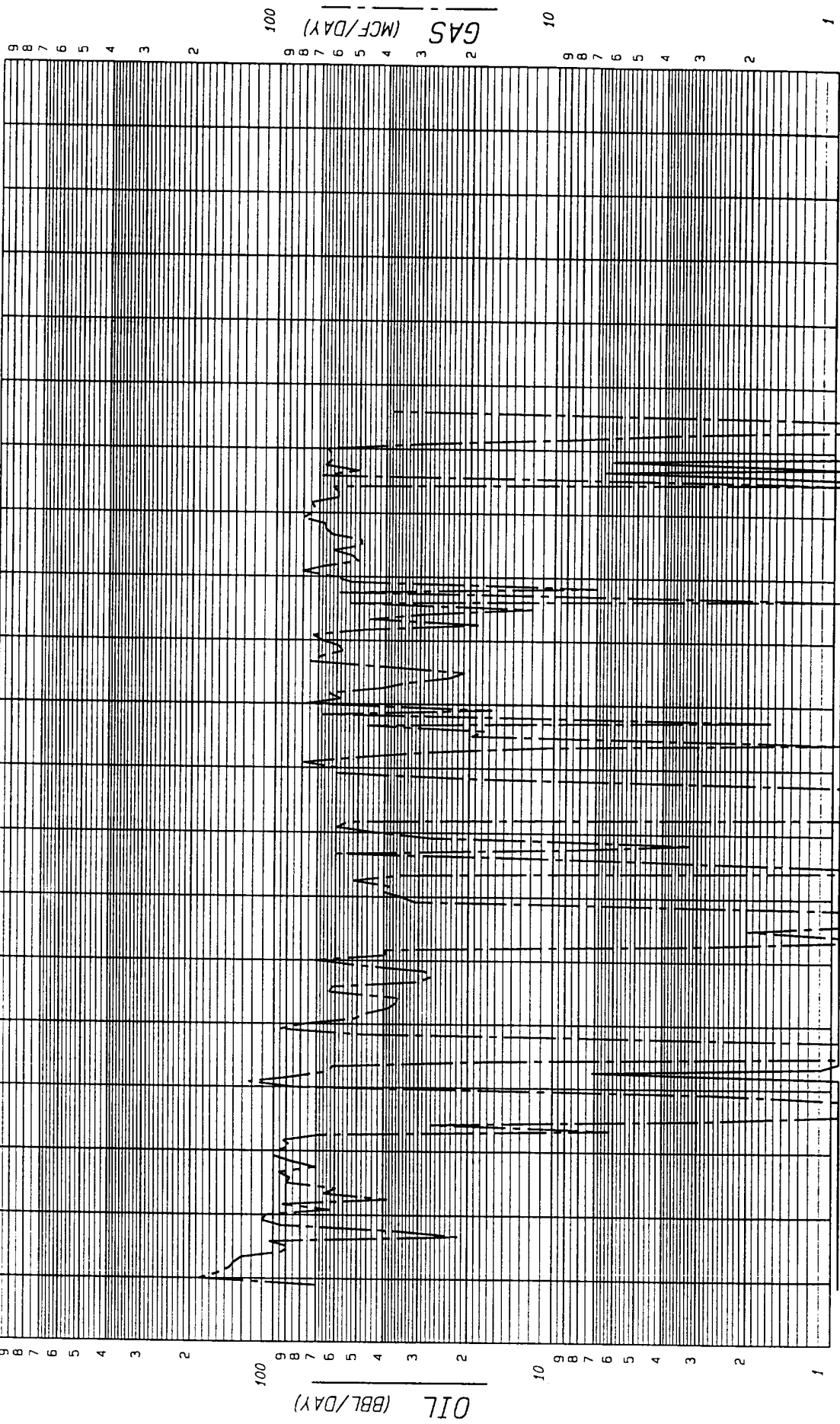
10000 Lease: JICARILLA E

Retrieval Code: 251.039.26N04W15P00MV

000007

Dwights

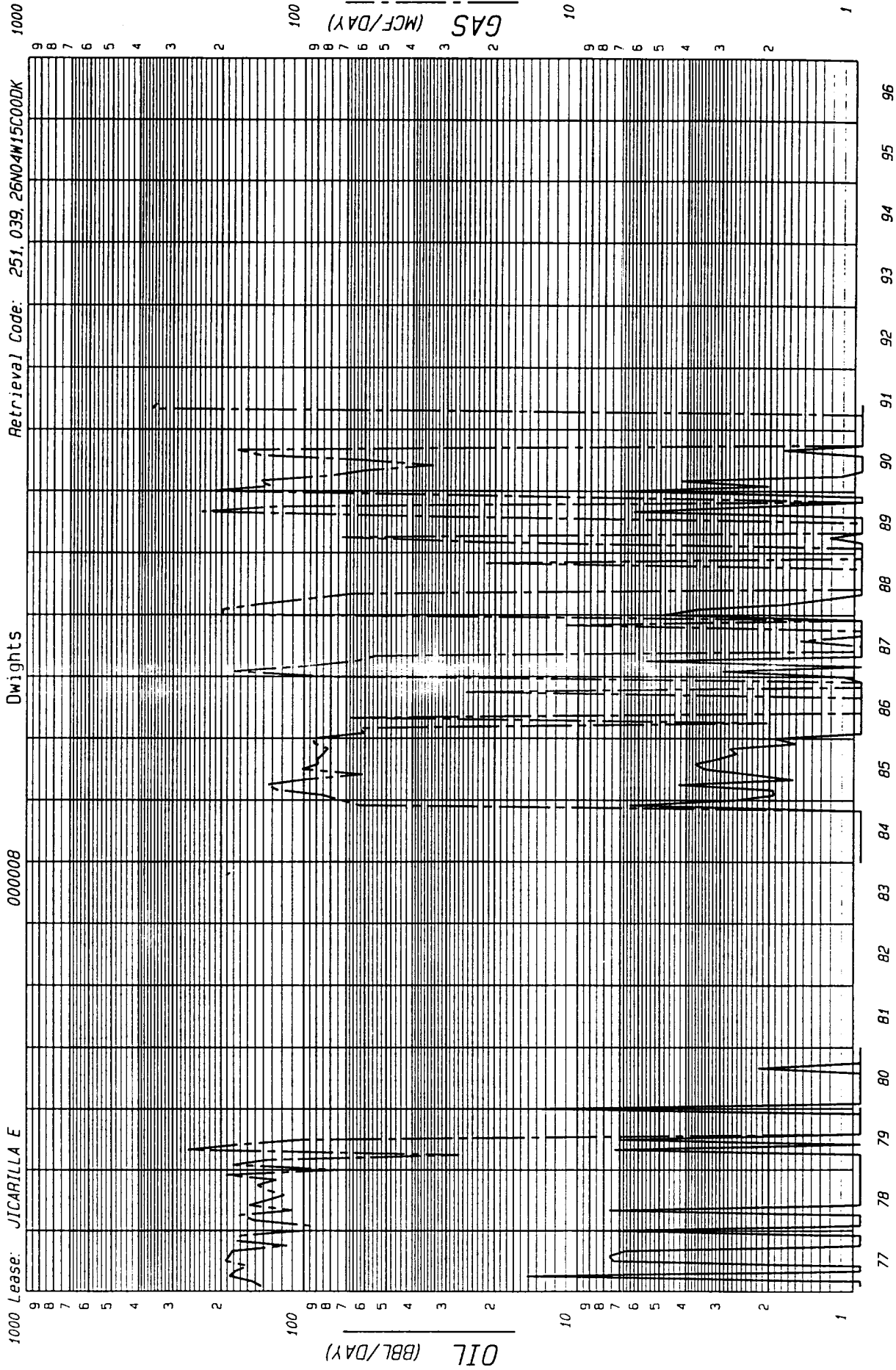
71- Annual Data



County: RIO ARriba
Field: BLANCO (MESAVEDE) MV
Reservoir: MESAVEDE
Operator: MERIT ENERGY CORP
Oil Cum: 1108
Gas Cum: 317950
Location: 15P 26N 4W

F.P. Date 10-79

Date: 01-16-95



County: RIO ARriba State: NM
Field: BASIN (DAKOTA) DK
Reservoir: DAKOTA
Operator: MERIT ENERGY CORP
Oil Cum: 26018 Gas Cum: 952339
Location: 15C 26N 4W

F.P. Date 03-68

Date: 01-16-95

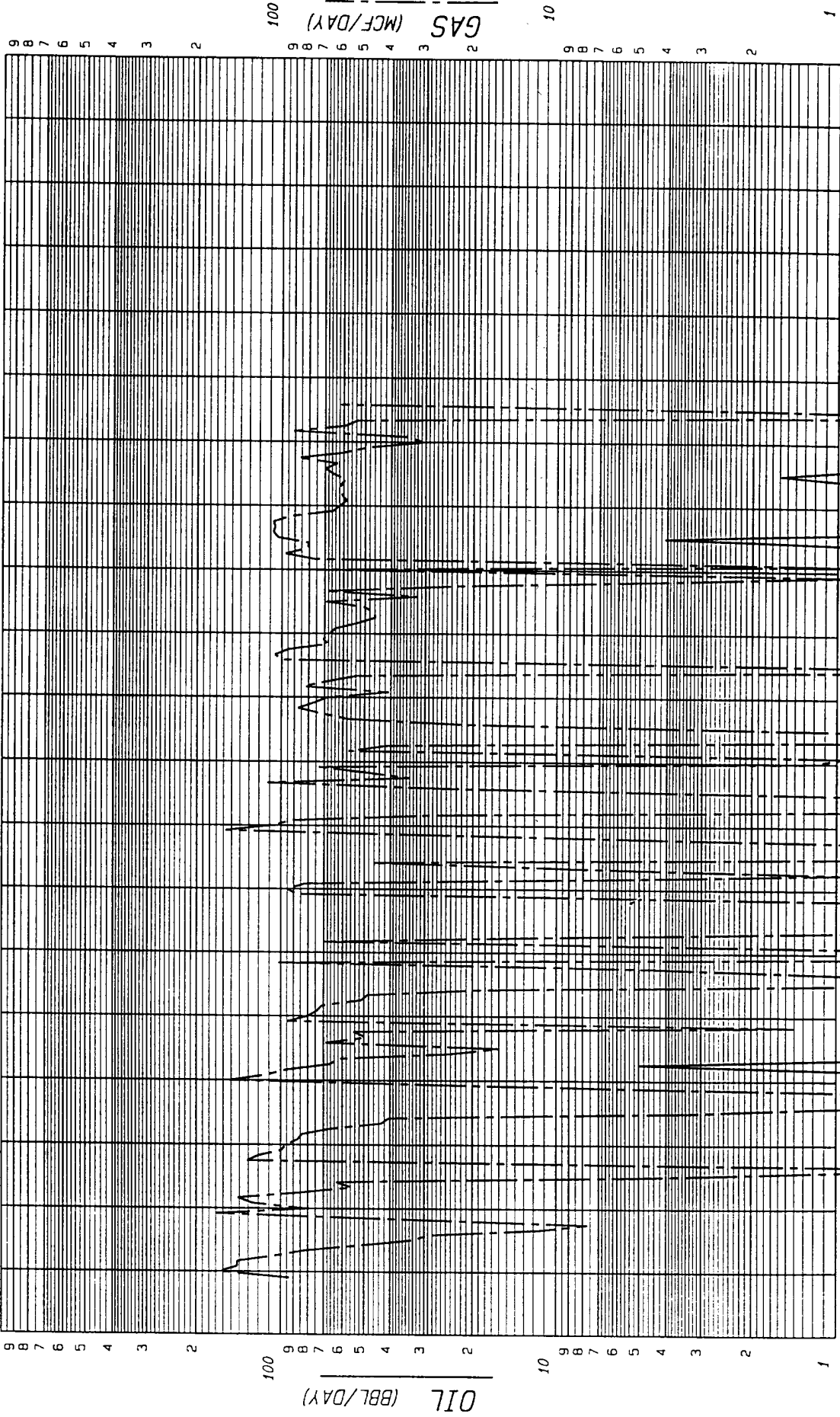
1000 Lease: JICARTILLA E

0000008

Dwights

Retrieval Code: 251, 039, 26N04W15C00MV

1000



71-
Annual
Data

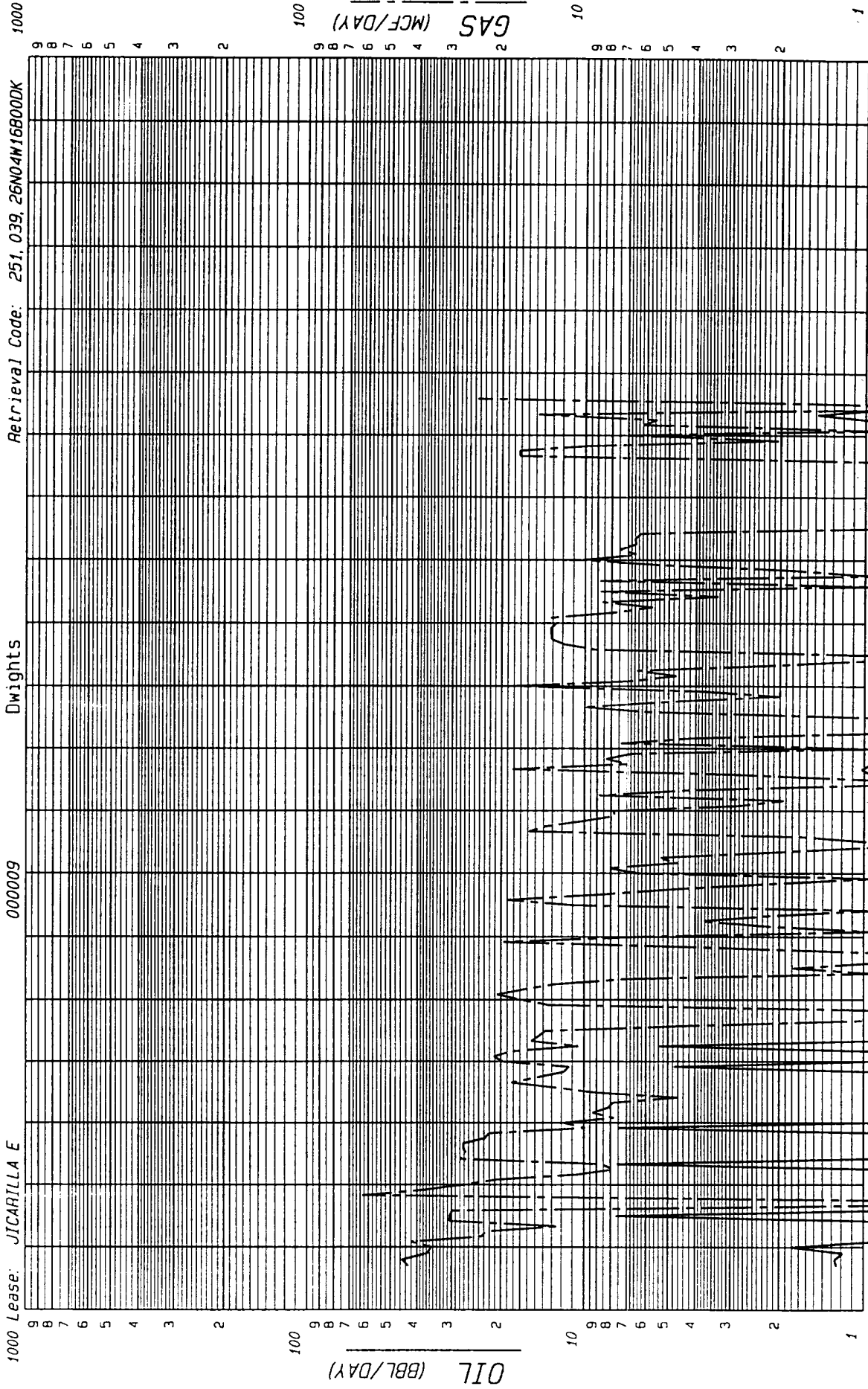
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

County: RIO ARriba State: NM
Field: BLANCO (MESAVEDE) MV
Reservoir: MESAVEDE
Operator: MERIT ENERGY CORP
Oil Cum: 370 Gas Cum: 345490
Location: 15C 26N 4W

F.P. Date 10-79

Date: 01-16-95

1000 Lease: JICARILLA E 000009 Retrieval Code: 251, 039, 26N04W16800DK 1000



71- Annual Data 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

County: RIO ARriba
Field: BASIN (DAKOTA) DK
Reservoir: DAKOTA
Operator: MERIT ENERGY CORP
Oil Cum: 12100 Gas Cum: 323108
Local ID: 168 26N 4W

State: NM

Date: 01-16-95

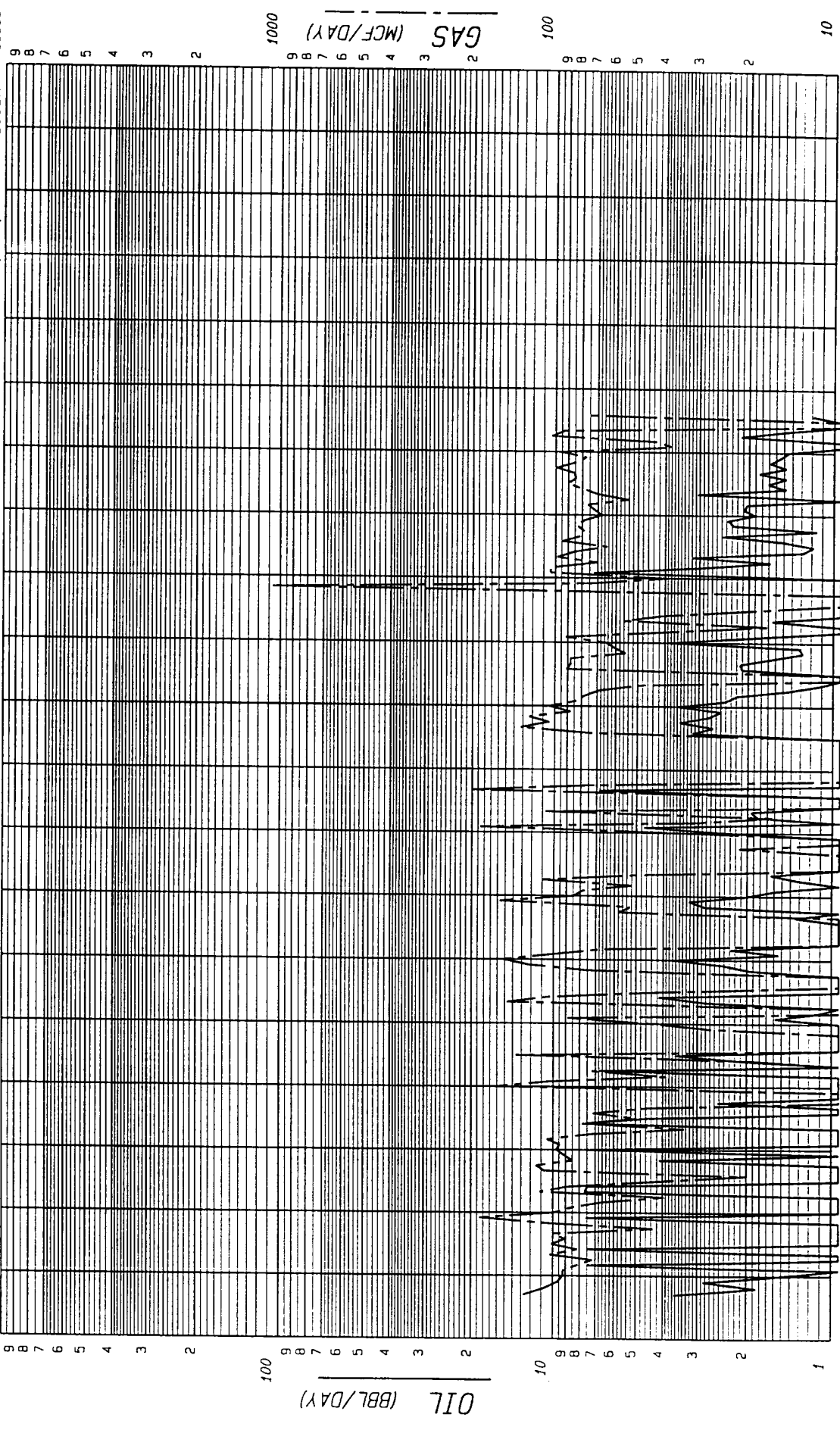
I.P. Date 11 60

1000 Lease: JICARILLA E

Dwights

000010

Retrieval Code: 251, 039, 26N04W22I00DK



71-
Annual
Data

81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

County: RIO ARriba	State: NM
Field: BASIN (DAKOTA) DK	
Reservoir: DAKOTA	
Operator: MERIT ENERGY CORP	
Oil Cum: 35082	Gas Cum: 889350
Location: 221 26N 4W	

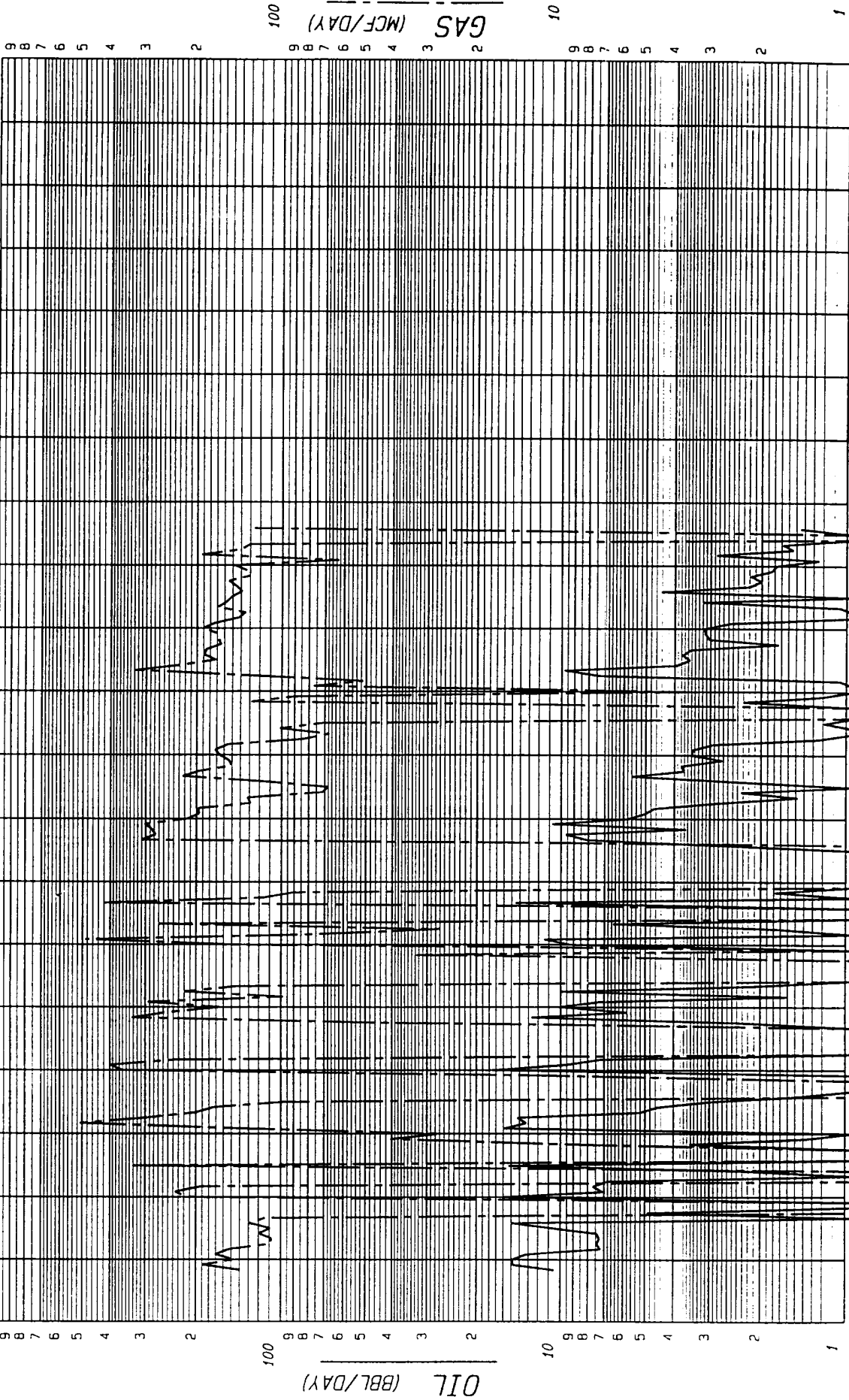
F.P. Date 10-68

Date: 01-16-95

1000 Lease: JICARILLA E Retrieval Code: 251, 039, 26N04W2800DK

Dwights

00010E



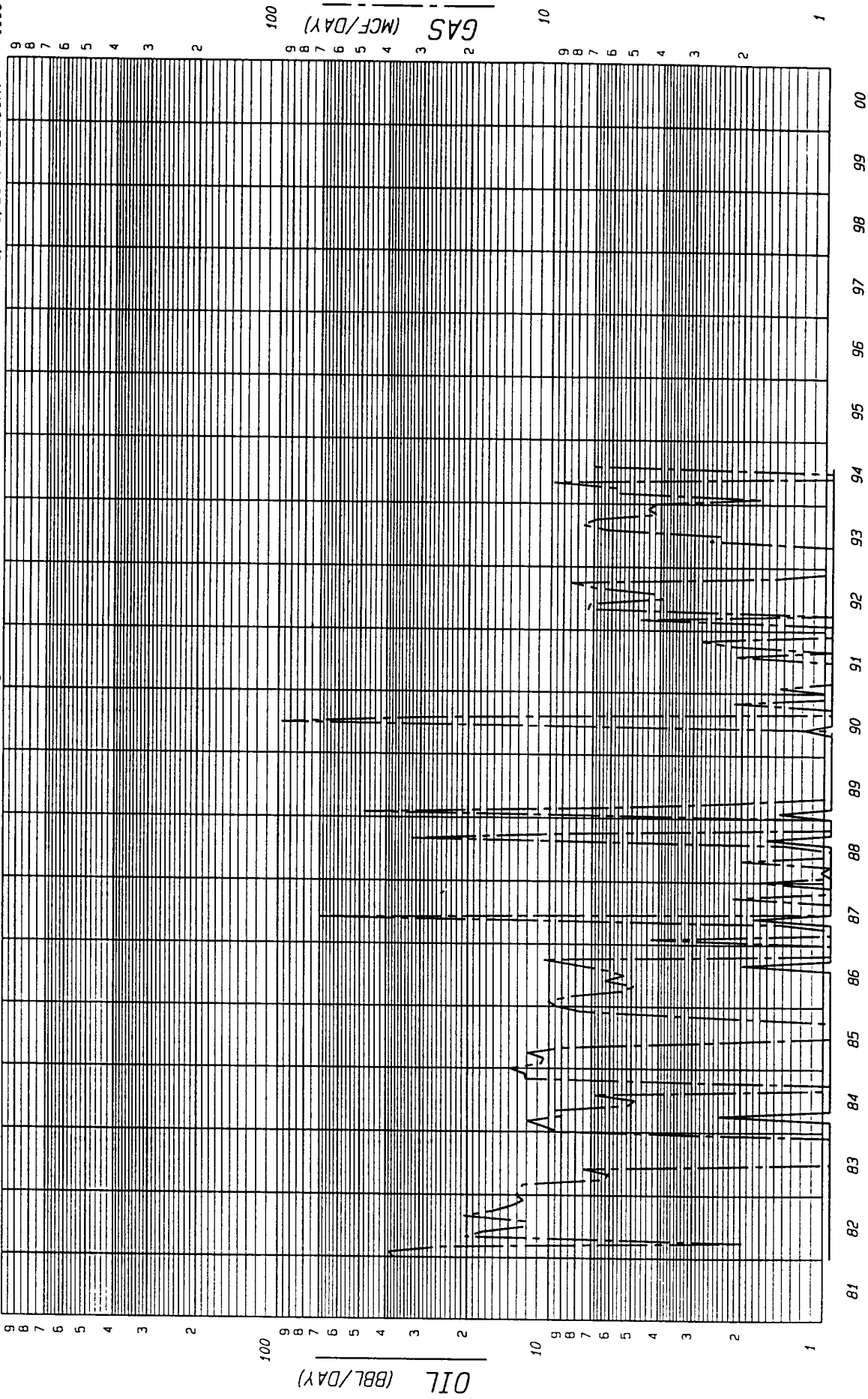
County: RIO ARriba
Field: BASIN (DAKOTA) DK
Reservoir: DAKOTA
Operator: MERIT ENERGY CORP
Oil Cum: 15210 Gas Cum: 508251
Location: 28 26N 4W

State: NM

F.P. Date 10-82

Date: 01-16-95

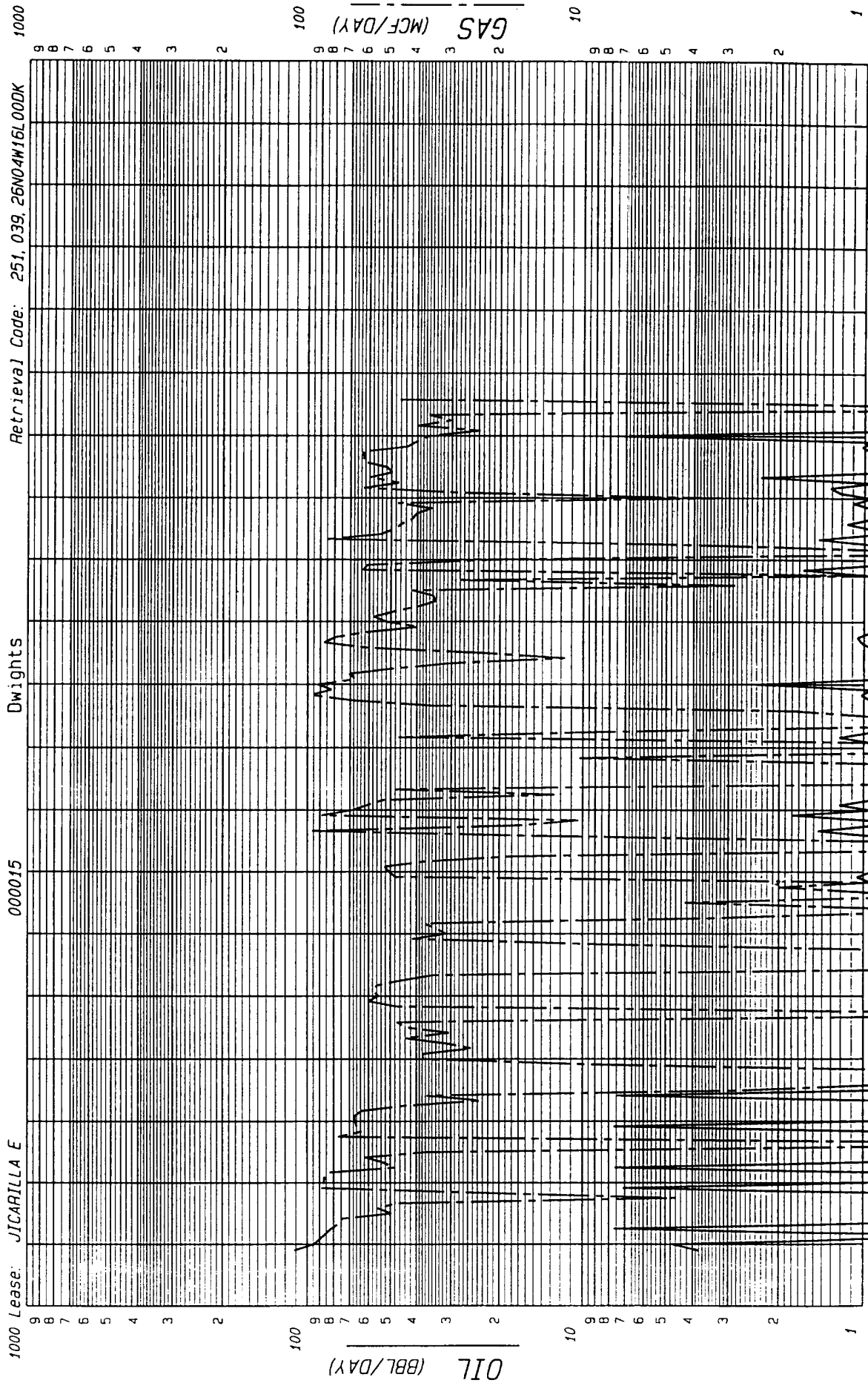
Retrieval Code: 251, 039, 26N04W22K00MV



County: RIO ARRIBA State: NM
Field: BLANCO (MESAVEDE) MV
Reservoir: MESAVEDE
Operator: MERIT ENERGY CORP
Oil Cum: 505 Gas Cum: 29054
Location: 22K 26N 4W

F.P. Date 12-81

Date: 01-16-95



71 - Annual Data 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

County: RIO ARriba State: NM
Field: BASIN (DAKOTA) DK
Reservoir: DAKOTA
Operator: MERIT ENERGY CORP
Oil Cum: 5857 Gas Cum: 253024
Location: 16L 26N 4W

F.P. Date 05-79

Date: 01-16-95

Downhole Commingle Application Exhibit D

Reservoir	Field (Resv)	Location	Operator	Lease Name	Well No.	Status	SI Tubing Pressure (psi)
DAKOTA	BASIN (DAKOTA) DK	23E 26N 4W	MERIT ENERGY CORP	JICARILLA A	8	ACT	400
MESAVERDE	BLANCO (MESAVERDE) MV	23E 26N 4W	MERIT ENERGY CORP	JICARILLA A	8	ACT	600
DAKOTA	BASIN (DAKOTA) DK	14C 26N 4W	MERIT ENERGY CORP	JICARILLA A	9	ACT	450
MESAVERDE	BLANCO (MESAVERDE) MV	14C 26N 4W	MERIT ENERGY CORP	JICARILLA A	9	ACT	380
DAKOTA	BASIN (DAKOTA) DK	23O 26N 4W	MERIT ENERGY CORP	JICARILLA A	10	ACT	585
DAKOTA	BASIN (DAKOTA) DK	14J 26N 4W	MERIT ENERGY CORP	JICARILLA A	11	ACT	500
DAKOTA	BASIN (DAKOTA) DK	24D 26N 4W	MERIT ENERGY CORP	JICARILLA A	12	ACT	525
DAKOTA	BASIN (DAKOTA) DK	13E 26N 4W	MERIT ENERGY CORP	JICARILLA A	13	ACT	705
MESAVERDE	BLANCO (MESAVERDE) MV	24A 26N 4W	MERIT ENERGY CORP	JICARILLA A	14	ACT	565
MESAVERDE	BLANCO (MESAVERDE) MV	14G 26N 4W	MERIT ENERGY CORP	JICARILLA A	15	ACT	585
DAKOTA	BASIN (DAKOTA) DK	23G 26N 4W	MERIT ENERGY CORP	JICARILLA A	10E	ACT	775
MESAVERDE	BLANCO (MESAVERDE) MV	23G 26N 4W	MERIT ENERGY CORP	JICARILLA A	10E	ACT	450
DAKOTA	BASIN (DAKOTA) DK	13N 26N 4W	MERIT ENERGY CORP	JICARILLA A	13E	ACT	830
MESAVERDE	BLANCO (MESAVERDE) MV	13N 26N 4W	MERIT ENERGY CORP	JICARILLA A	13E	ACT	520
MESAVERDE	BLANCO (MESAVERDE) MV	24P 26N 4W	MERIT ENERGY CORP	JICARILLA A	22A	ACT	600
DAKOTA	BASIN (DAKOTA) DK	24K 26N 4W	MERIT ENERGY CORP	JICARILLA A	22Y	ACT	925
MESAVERDE	BLANCO (MESAVERDE) MV	24K 26N 4W	MERIT ENERGY CORP	JICARILLA A	22Y	ACT	465
MESAVERDE	BLANCO (MESAVERDE) MV	25H 26N 4W	MERIT ENERGY CORP	JICARILLA B	2	ACT	420
DAKOTA	WILD HORSE (DAKOTA) DK	26D 26N 4W	MERIT ENERGY CORP	JICARILLA B	5	ACT	
MESAVERDE	BLANCO (MESAVERDE) MV	25K 26N 4W	MERIT ENERGY CORP	JICARILLA B	8	ACT	750
MESAVERDE	BLANCO (MESAVERDE) MV	26K 26N 4W	MERIT ENERGY CORP	JICARILLA B	9	ACT	460
MESAVERDE	BLANCO (MESAVERDE) MV	35B 26N 4W	MERIT ENERGY CORP	JICARILLA B	12	ACT	520
MESAVERDE	BLANCO (MESAVERDE) MV	36M 26N 4W	MERIT ENERGY CORP	JICARILLA B	13	ACT	515
MESAVERDE	BLANCO (MESAVERDE) MV	36J 26N 4W	MERIT ENERGY CORP	JICARILLA B	15	ACT	350
DAKOTA	BASIN (DAKOTA) DK	25D 26N 4W	MERIT ENERGY CORP	JICARILLA B	8A	ACT	950
MESAVERDE	BLANCO (MESAVERDE) MV	25D 26N 4W	MERIT ENERGY CORP	JICARILLA B	8A	ACT	520
DAKOTA	BASIN (DAKOTA) DK	15P 26N 4W	MERIT ENERGY CORP	JICARILLA E	7	ACT	850
MESAVERDE	BLANCO (MESAVERDE) MV	15P 26N 4W	MERIT ENERGY CORP	JICARILLA E	7	ACT	360
DAKOTA	BASIN (DAKOTA) DK	15C 26N 4W	MERIT ENERGY CORP	JICARILLA E	8	INA	
MESAVERDE	BLANCO (MESAVERDE) MV	15C 26N 4W	MERIT ENERGY CORP	JICARILLA E	8	ACT	490
DAKOTA	BASIN (DAKOTA) DK	16B 26N 4W	MERIT ENERGY CORP	JICARILLA E	9	ACT	
DAKOTA	BASIN (DAKOTA) DK	22I 26N 4W	MERIT ENERGY CORP	JICARILLA E	10	ACT	770
MESAVERDE	BLANCO (MESAVERDE) MV	22K 26N 4W	MERIT ENERGY CORP	JICARILLA E	12	ACT	470
DAKOTA	BASIN (DAKOTA) DK	16L 26N 4W	MERIT ENERGY CORP	JICARILLA E	15	ACT	800
DAKOTA	BASIN (DAKOTA) DK	22B 26N 4W	MERIT ENERGY CORP	JICARILLA E	10E	ACT	1110
New Wells							
DAKOTA	BASIN (DAKOTA) DK	15B 26N 4W	MERIT ENERGY CORP	JICARILLA E	7E	ACT	
DAKOTA	BASIN (DAKOTA) DK	15B 26N 4W	MERIT ENERGY CORP	JICARILLA E	8E	ACT	
MESAVERDE	BLANCO (MESAVERDE) MV	22B 26N 4W	MERIT ENERGY CORP	JICARILLA E	10E	ACT	
MESAVERDE	BLANCO (MESAVERDE) MV	23E 26N 4W	MERIT ENERGY CORP	JICARILLA A	13	ACT	
MESAVERDE	BLANCO (MESAVERDE) MV	23E 26N 4W	MERIT ENERGY CORP	JICARILLA A	10	ACT	

Exhibit E

Offset Operators

State	County	Reservoir	Location	Operator	Lease Name	Well	Status
NM	RIO ARRIBA	MESAVERDE	7A 26N 3W	SNYDER OIL CORP	TRIBAL C	9	ACT
NM	RIO ARRIBA	DAKOTA	7B 26N 3W	SNYDER OIL CORP	TRIBAL C	10E	ACT
NM	RIO ARRIBA	DAKOTA	7J 26N 3W	SNYDER OIL CORP	TRIBAL C	10	ACT
NM	RIO ARRIBA	MESAVERDE	7N 26N 3W	MERIDIAN OIL INC	JICARILLA 97	2	ACT
NM	RIO ARRIBA	MESAVERDE	7O 26N 3W	SNYDER OIL CORP	TRIBAL C	9A	ACT
NM	RIO ARRIBA	MESAVERDE	17A 26N 3W	MERIDIAN OIL INC	JICARILLA 98	6	INA
NM	RIO ARRIBA	DAKOTA	17E 26N 3W	NASSAU RESOURCES INC	APACHE	5	INA
NM	RIO ARRIBA	DAKOTA	17G 26N 3W	NASSAU RESOURCES INC	APACHE	5E	INA
NM	RIO ARRIBA	DAKOTA	17M 26N 3W	NASSAU RESOURCES INC	APACHE	6	INA
NM	RIO ARRIBA	DAKOTA	18A 26N 3W	NASSAU RESOURCES INC	APACHE	1E	INA
NM	RIO ARRIBA	DAKOTA	18D 26N 3W	NASSAU RESOURCES INC	APACHE	1	INA
NM	RIO ARRIBA	DAKOTA	18L 26N 3W	NASSAU RESOURCES INC	APACHE	2	INA
NM	RIO ARRIBA	MESAVERDE	30A 26N 3W	MERIT ENERGY CORP	JICARILLA D	18	ACT
NM	RIO ARRIBA	MESAVERDE	31I 26N 3W	MERIT ENERGY CORP	JICARILLA D	19	ACT
NM	RIO ARRIBA	MESAVERDE	31N 26N 3W	MERIT ENERGY CORP	JICARILLA D	20	ACT
NM	RIO ARRIBA	MESAVERDE	8A 26N 4W	MERIDIAN OIL INC	JICARILLA 119 N	7	ACT
NM	RIO ARRIBA	DAKOTA	8B 26N 4W	SNYDER OIL CORP	NORTHWEST	4	ACT
NM	RIO ARRIBA	MESAVERDE	8D 26N 4W	MERIDIAN OIL INC	JICARILLA 119 N	8A	ACT
NM	RIO ARRIBA	DAKOTA	8I 26N 4W	SNYDER OIL CORP	NORTHWEST	4E	ACT
NM	RIO ARRIBA	DAKOTA	8M 26N 4W	MERIDIAN OIL INC	JICARILLA 119 N	8	ACT
NM	RIO ARRIBA	MESAVERDE	8M 26N 4W	MERIDIAN OIL INC	JICARILLA 119 N	8	ACT
NM	RIO ARRIBA	MESAVERDE	8O 26N 4W	MERIDIAN OIL INC	JICARILLA 119 N	7A	ACT
NM	RIO ARRIBA	MESAVERDE	9C 26N 4W	AMOCO PRODUCTION CO	JICARILLA APACHE 102	29A	INA
NM	RIO ARRIBA	DAKOTA	9F 26N 4W	AMOCO PRODUCTION CO	JICARILLA APACHE 102	14	INA
NM	RIO ARRIBA	DAKOTA	9G 26N 4W	AMOCO PRODUCTION CO	JICARILLA APACHE 102	12	INA
NM	RIO ARRIBA	MESAVERDE	9G 26N 4W	AMOCO PRODUCTION CO	JICARILLA APACHE 102	29	INA
NM	RIO ARRIBA	MESAVERDE	9L 26N 4W	AMOCO PRODUCTION CO	JICARILLA APACHE 102	15A	INA
NM	RIO ARRIBA	DAKOTA	9M 26N 4W	AMOCO PRODUCTION CO	JICARILLA APACHE 102	14E	INA
NM	RIO ARRIBA	DAKOTA	9O 26N 4W	AMOCO PRODUCTION CO	JICARILLA APACHE 102	12E	INA
NM	RIO ARRIBA	MESAVERDE	9P 26N 4W	AMOCO PRODUCTION CO	JICARILLA APACHE 102	15	INA
NM	RIO ARRIBA	DAKOTA	10B 26N 4W	AMOCO PRODUCTION CO	JICARILLA APACHE 102	13	P&A
NM	RIO ARRIBA	DAKOTA	10C 26N 4W	AMOCO PRODUCTION CO	JICARILLA APACHE 102	11	INA
NM	RIO ARRIBA	MESAVERDE	10D 26N 4W	AMOCO PRODUCTION CO	JICARILLA APACHE 102	30A	INA
NM	RIO ARRIBA	MESAVERDE	10G 26N 4W	AMOCO PRODUCTION CO	JICARILLA APACHE 102	30	INA
NM	RIO ARRIBA	DAKOTA	10H 26N 4W	AMOCO PRODUCTION CO	JICARILLA APACHE 102	13R	INA
NM	RIO ARRIBA	DAKOTA	10I 26N 4W	AMOCO PRODUCTION CO	JICARILLA APACHE 102	13E	INA
NM	RIO ARRIBA	DAKOTA	10M 26N 4W	AMOCO PRODUCTION CO	JICARILLA APACHE 102	11E	INA
NM	RIO ARRIBA	MESAVERDE	10M 26N 4W	AMOCO PRODUCTION CO	JICARILLA APACHE 102	16A	INA
NM	RIO ARRIBA	MESAVERDE	10O 26N 4W	AMOCO PRODUCTION CO	JICARILLA APACHE 102	16	INA
NM	RIO ARRIBA	DAKOTA	11A 26N 4W	SNYDER OIL CORP	JICARILLA C	1E	ACT
NM	RIO ARRIBA	MESAVERDE	11A 26N 4W	SNYDER OIL CORP	JICARILLA C	1A	ACT
NM	RIO ARRIBA	DAKOTA	11F 26N 4W	SNYDER OIL CORP	MCINTYRE	1	ACT
NM	RIO ARRIBA	MESAVERDE	11F 26N 4W	SNYDER OIL CORP	MCINTYRE	1	ACT
NM	RIO ARRIBA	DAKOTA	11K 26N 4W	SNYDER OIL CORP	MCINTYRE	1M	ACT
NM	RIO ARRIBA	MESAVERDE	11K 26N 4W	SNYDER OIL CORP	MCINTYRE	1M	ACT
NM	RIO ARRIBA	DAKOTA	11P 26N 4W	SNYDER OIL CORP	JICARILLA C	1	ACT
NM	RIO ARRIBA	MESAVERDE	11P 26N 4W	SNYDER OIL CORP	JICARILLA C	1	ACT
NM	RIO ARRIBA	DAKOTA	12G 26N 4W	SOUTHLAND ROYALTY CO	JICARILLA 101	7M	INA
NM	RIO ARRIBA	MESAVERDE	12G 26N 4W	SOUTHLAND ROYALTY CO	JICARILLA 101	7M	ACT
NM	RIO ARRIBA	DAKOTA	12M 26N 4W	SOUTHLAND ROYALTY CO	JICARILLA 101	2	ACT
NM	RIO ARRIBA	MESAVERDE	12N 26N 4W	SOUTHLAND ROYALTY CO	JICARILLA 101	8	ACT
NM	RIO ARRIBA	DAKOTA	12P 26N 4W	SOUTHLAND ROYALTY CO	JICARILLA 101	7	ACT
NM	RIO ARRIBA	MESAVERDE	12P 26N 4W	SOUTHLAND ROYALTY CO	JICARILLA 101	7	ACT
NM	RIO ARRIBA	DAKOTA	17A 26N 4W	MERIDIAN OIL INC	JICARILLA 103	12	ACT
NM	RIO ARRIBA	MESAVERDE	17A 26N 4W	MERIDIAN OIL INC	JICARILLA 103	9	ACT
NM	RIO ARRIBA	DAKOTA	17D 26N 4W	MERIDIAN OIL INC	JICARILLA 103	10	ACT
NM	RIO ARRIBA	MESAVERDE	17D 26N 4W	MERIDIAN OIL INC	JICARILLA 103	10	ACT
NM	RIO ARRIBA	DAKOTA	17I 26N 4W	MERIDIAN OIL INC	JICARILLA 103	12M	ACT
NM	RIO ARRIBA	MESAVERDE	17I 26N 4W	MERIDIAN OIL INC	JICARILLA 103	12M	ACT
NM	RIO ARRIBA	DAKOTA	20C 26N 4W	MERIDIAN OIL INC	JICARILLA 103	13	INA
NM	RIO ARRIBA	MESAVERDE	20C 26N 4W	MERIDIAN OIL INC	JICARILLA 103	13	ACT
NM	RIO ARRIBA	DAKOTA	20M 26N 4W	MERIDIAN OIL INC	JICARILLA 103	6Y	ACT
NM	RIO ARRIBA	MESAVERDE	20M 26N 4W	MERIDIAN OIL INC	JICARILLA 103	6Y	ACT
NM	RIO ARRIBA	DAKOTA	20O 26N 4W	MERIDIAN OIL INC	JICARILLA 103	6M	ACT
NM	RIO ARRIBA	MESAVERDE	20O 26N 4W	MERIDIAN OIL INC	JICARILLA 103	6M	ACT

Exhibit E

Offset Operators

State	County	Reservoir	Location	Operator	Lease Name	Well	Status
NM	RIO ARRIBA	DAKOTA	27L 26N 4W	MERIDIAN OIL INC	JICARILLA F	1	INA
NM	RIO ARRIBA	MESAVERDE	27A 26N 4W	MERIDIAN OIL INC	JICARILLA F	3	ACT
NM	RIO ARRIBA	MESAVERDE	27L 26N 4W	MERIDIAN OIL INC	JICARILLA F	1	INA
NM	RIO ARRIBA	DAKOTA	28K 26N 4W	MERIDIAN OIL INC	JICARILLA F	7	INA
NM	RIO ARRIBA	MESAVERDE	28K 26N 4W	MERIDIAN OIL INC	JICARILLA F	7	ACT
NM	RIO ARRIBA	DAKOTA	29D 26N 4W	NASSAU RESOURCES INC	JICARILLA	5	INA
NM	RIO ARRIBA	DAKOTA	29L 26N 4W	MCHUGH JEROME P & ASSOC	JICARILLA	6	INA
NM	RIO ARRIBA	DAKOTA	29L 26N 4W	NORTHWEST PROD CORP	JICARILLA 120 C	2	P&A
NM	RIO ARRIBA	MESAVERDE	29L 26N 4W	NORTHWEST PROD CORP	JICARILLA 120 C	2	P&A
NM	RIO ARRIBA	MESAVERDE	34L 26N 4W	MERIDIAN OIL INC	JICARILLA F	6	ACT
NM	RIO ARRIBA	DAKOTA	34L 26N 4W	SUPRON ENERGY CORP	JICARILLA F	6	INA