

OIL CONSERVATION DIVISION

APPROVAL PROCESS:

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

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

Administrative Hearing

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

APPLICATION FOR DOWNHOLE COMMINGLING

EXISTING WELLBORE
 YES NO

Amoco Production Company	P.O. Box 800 Denver, CO 80201
Operator Elliott Gas Com R	Address C-34-30N-9W
Lease	County San Juan
Well No. 1E	Unit Ltr. - Sec Twp - Rge C-34-30N-9W

Spacing Unit Lease Types: (check 1 or more)

GRID NO. 000778 Property Code 000453 API NO. 3004524383 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	BLANCO MESAVERDE 72319		BASIN DAKOTA 71599
2. Top and Bottom of Pay Section (Perforations)	'4066 - 4812' PROPOSED		6818' - 6954'
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: Gas & Oil - Flowing: All Gas Zones: Estimated Current Measured Current Estimated or Measured Original	a. (Current) 575 PSI	a.	a. 1300 PSI
	b. (Original) 1399 PSI	b.	b. 2763 PSI
6. Oil Gravity (* API) or Gas BTU Content	1150 BTU / 49 DEG API		1100 BTU
7. Producing or Shut-In?	NEW		PRODUCING
Production Marginal? (yes or no)	NO		YES
• If Shut-In, give data and oil/gas/water rates of last production <small>Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data</small>	Date: Rates: EST 145 MCFD 0.5 BCPD 0 BWPD	Date: Rates:	Date: Rates:
	Date: Rates:	Date: Rates:	Date: Rates: 110 MCFD 0 BCPD 0 BWPD
• If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Date: Rates:	Date: Rates:	Date: Rates: 110 MCFD 0 BCPD 0 BWPD
8. Fixed Percentage Allocation Formula -% for each zone	Oil: 100 % Gas 57 %	Oil: % Gas %	Oil: 0 % Gas 43 %

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-078139 COM AGREEMENTS SW-270 DK 1408001470 MV
15. NMOC 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.
 * Data to support allocation method or formula.
 * 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. Stacey* TITLE REGULATORY AFFAIRS ENGR DATE 3/26/98
 TYPE OR PRINT NAME PAMELA W. STACEY TELEPHONE NO. (303) 830-5344

All distances must be from the outer boundaries of the Section

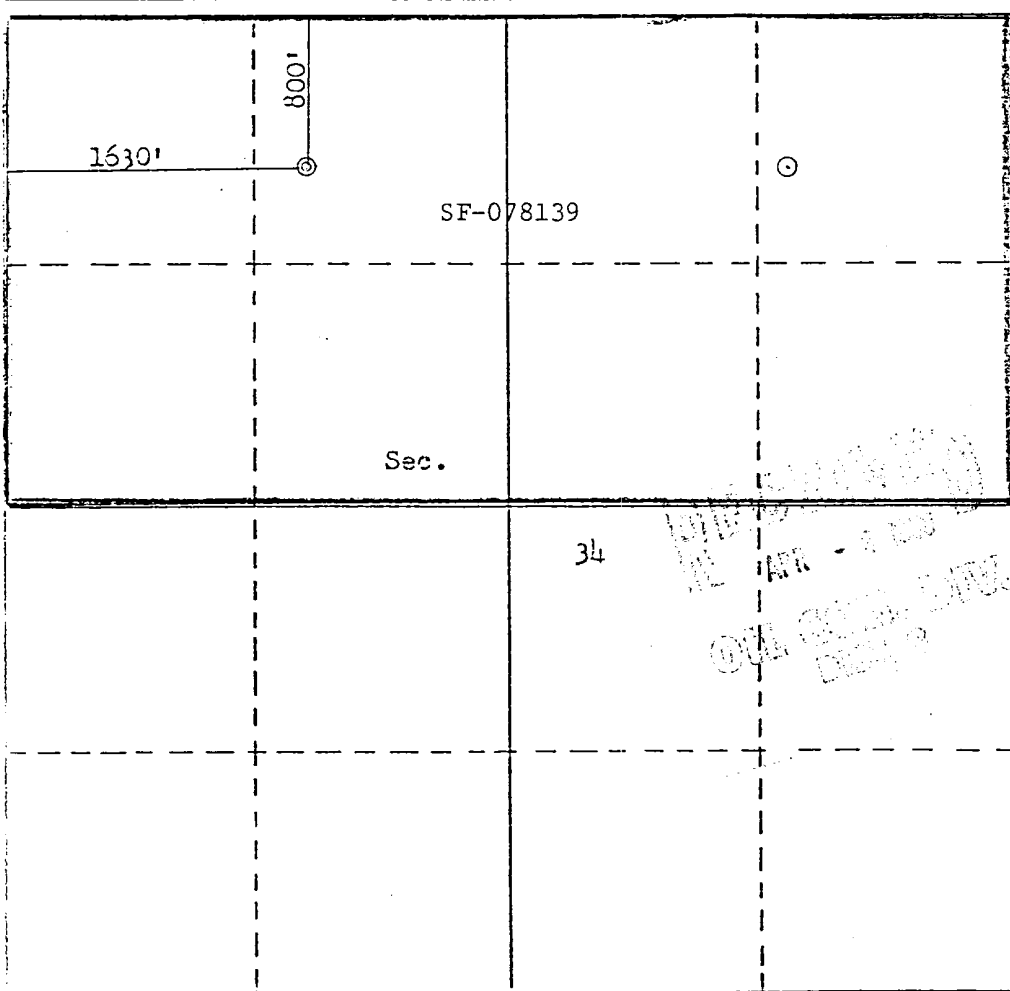
Operator AMOCO PRODUCTION COMPANY			Lease ELLIOTT GAS COM "R"			Well No. 1-E		
Unit Letter C	Section 34	Township 30N	Range 9W	County San Juan				
Location of Well: 800 feet from the North line and 1630 feet from the West line								
Ground Level Elev. 5761	Producing Formation Dakota			Pool Basin Dakota			Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation COMMUNITIZATION

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 interests, has been approved by the Commission.



CERTIFICATION

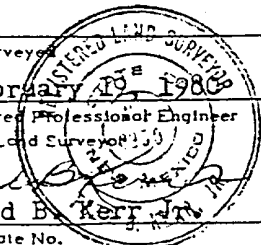
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

B. E. Fackrell

Name B. E. FACKRELL
Position DISTRICT ENGINEER
Company AMOCO PRODUCTION COMPANY
Date FEBRUARY 25, 1980

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 February 25 1980
Registered Professional Engineer and/or Land Surveyor <i>Fred B. Kery</i>
Certificate No. 3950



OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 3004524383	² Pool Code 72319	³ Pool Name Blanco Mesaverde
⁴ Property Code 000453	⁵ Property Name Elliott Gas Com "R"	
⁷ OGRID No. 000778	⁸ Operator Name Amoco Production Company	⁶ Well Number 1E ⁹ Elevation 5761'

¹⁰ Surface Location

UI or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
C	34	30N	9W		800	North	1630	West	SJ

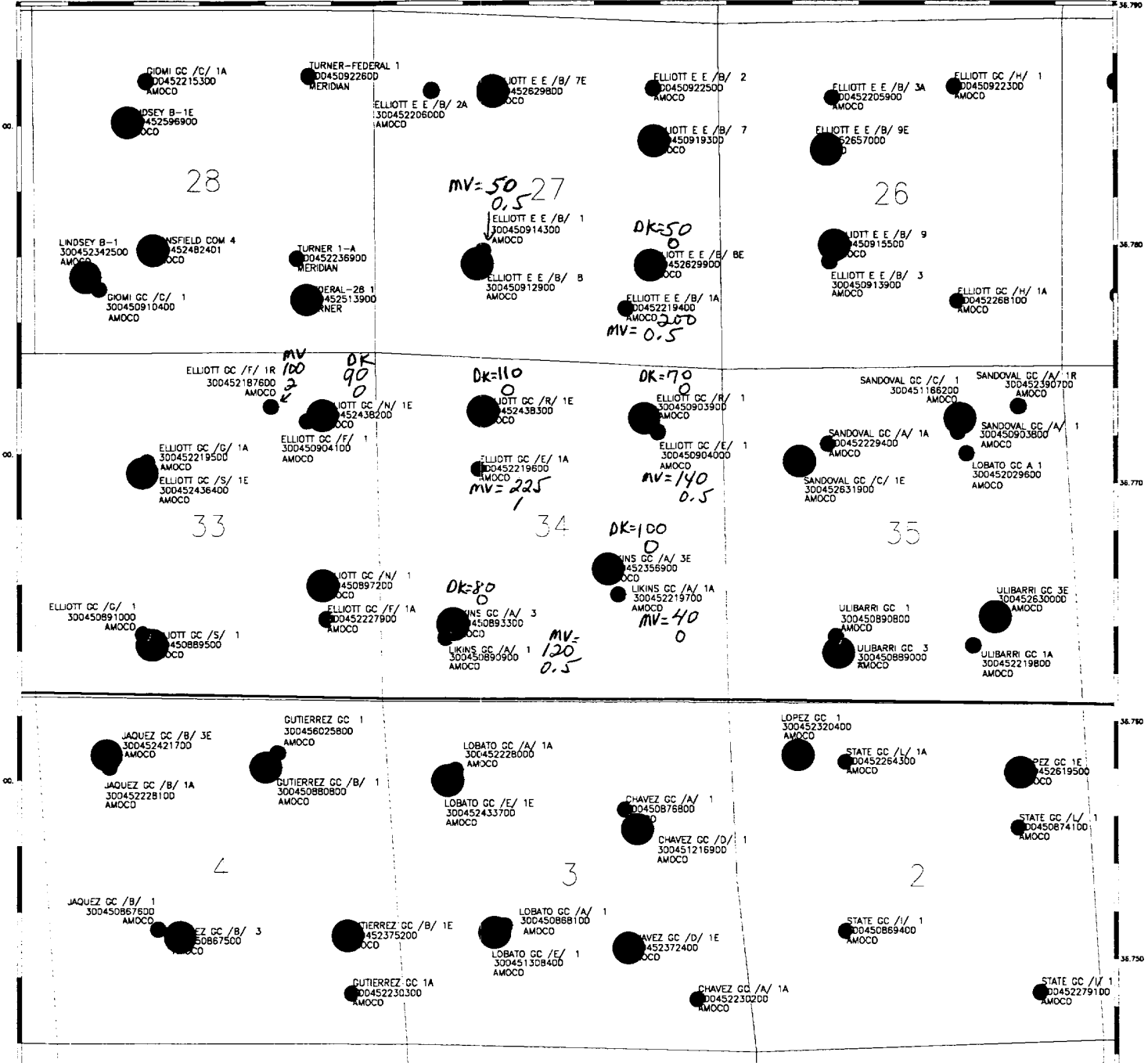
¹¹ Bottom Hole Location If Different From Surface

UI or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West Line	County

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order Number
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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

¹⁶ 	¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i>		
	Signature <i>Gail M. Jefferson</i> Printed Name Gail M. Jefferson Title Sr. Admin. Staff Asst. Date March 26, 1998		
	¹⁸ 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>		
	Date of Survey February 19, 1980 Signature and Seal of Professional Surveyer: Certificate Number 3950		



ALLOCATIONS-GAS:

DK = 43 90
MV = 59 90

OIL:

DK = 0 90
MV = 100 90 49 API GRAVITY

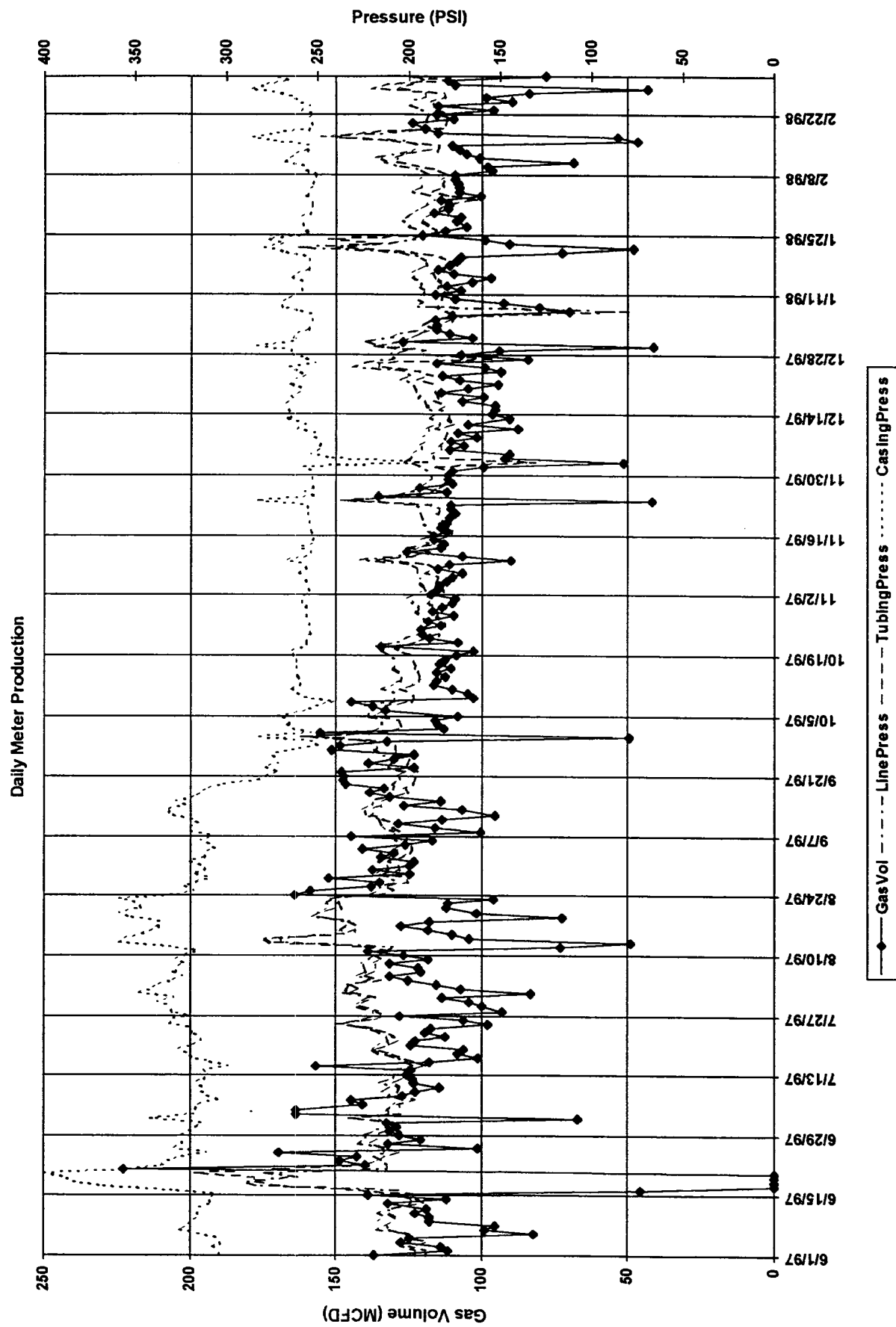
AMOCO PRODUCTION COMPANY		
9 SECTION PLAT ELLIOTT GC R 1E MESAVERE AND DAKOTA FORMATIONS		
ALC		3/5/38
	Scale 1:25284.15	

LEGEND	
●	DAKOTA
●	MESAVERJE
	top # = MCFD
	bottom # = BOPD

avg. DK BHP = 1300
avg. MV BHP = 575

ORIG DK 2763
ORIG MV 1399

Wellname: ELLIOTT GC R 001E-DK Meter: 93500 API: 300452438300 Amoco - OIDB/Synergy Data

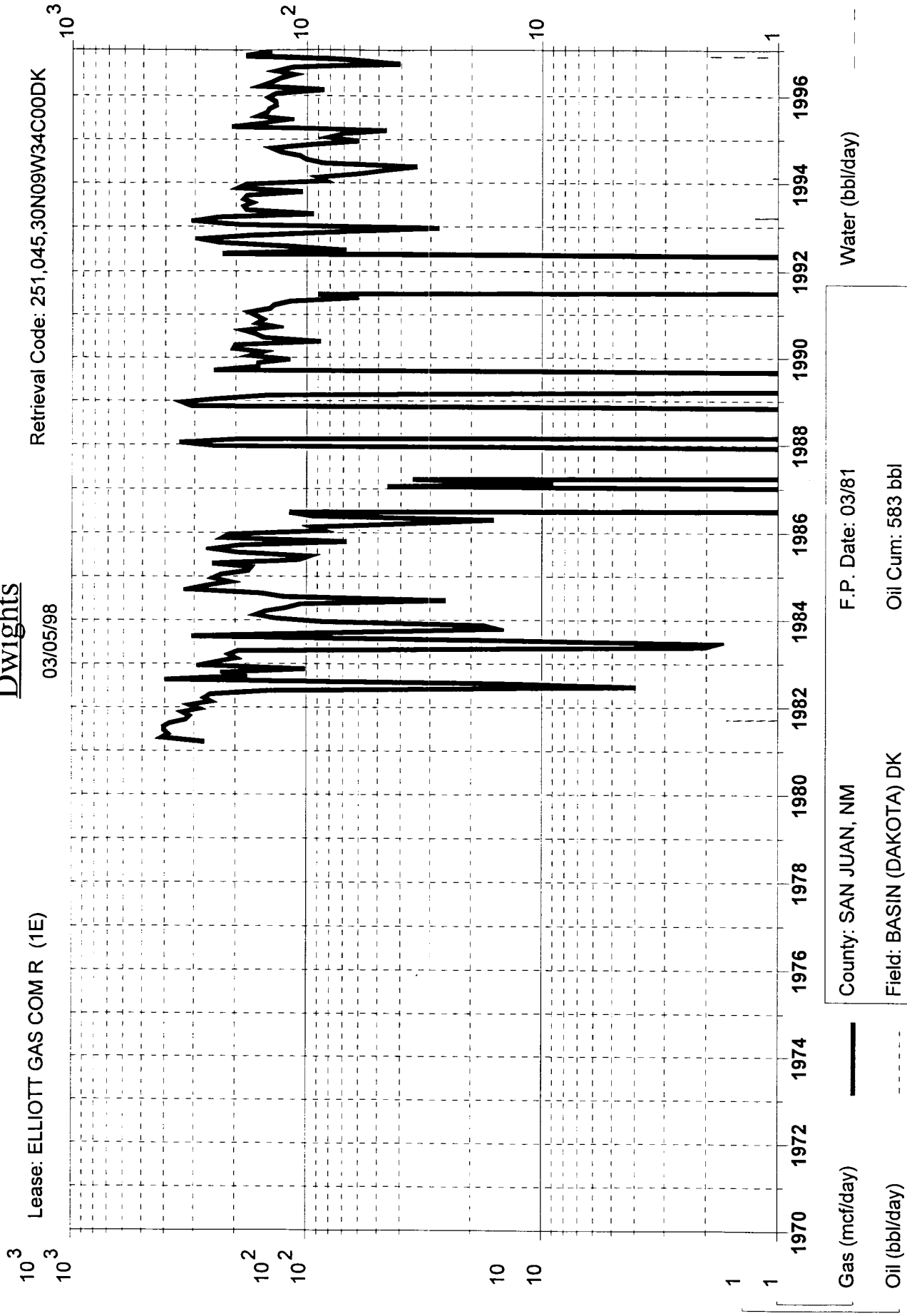


Dwights

Lease: ELLIOTT GAS COM R (1E)

03/05/98

Retrieval Code: 251,045,30N09W34C00DK



Water (bbl/day)

F.P. Date: 03/81

County: SAN JUAN, NM

Oil Cum: 583 bbl

Field: BASIN (DAKOTA) DK

Gas Cum: 779.2 mmcf

API #: 30-045-2438300

Location: 34C 30N 9W

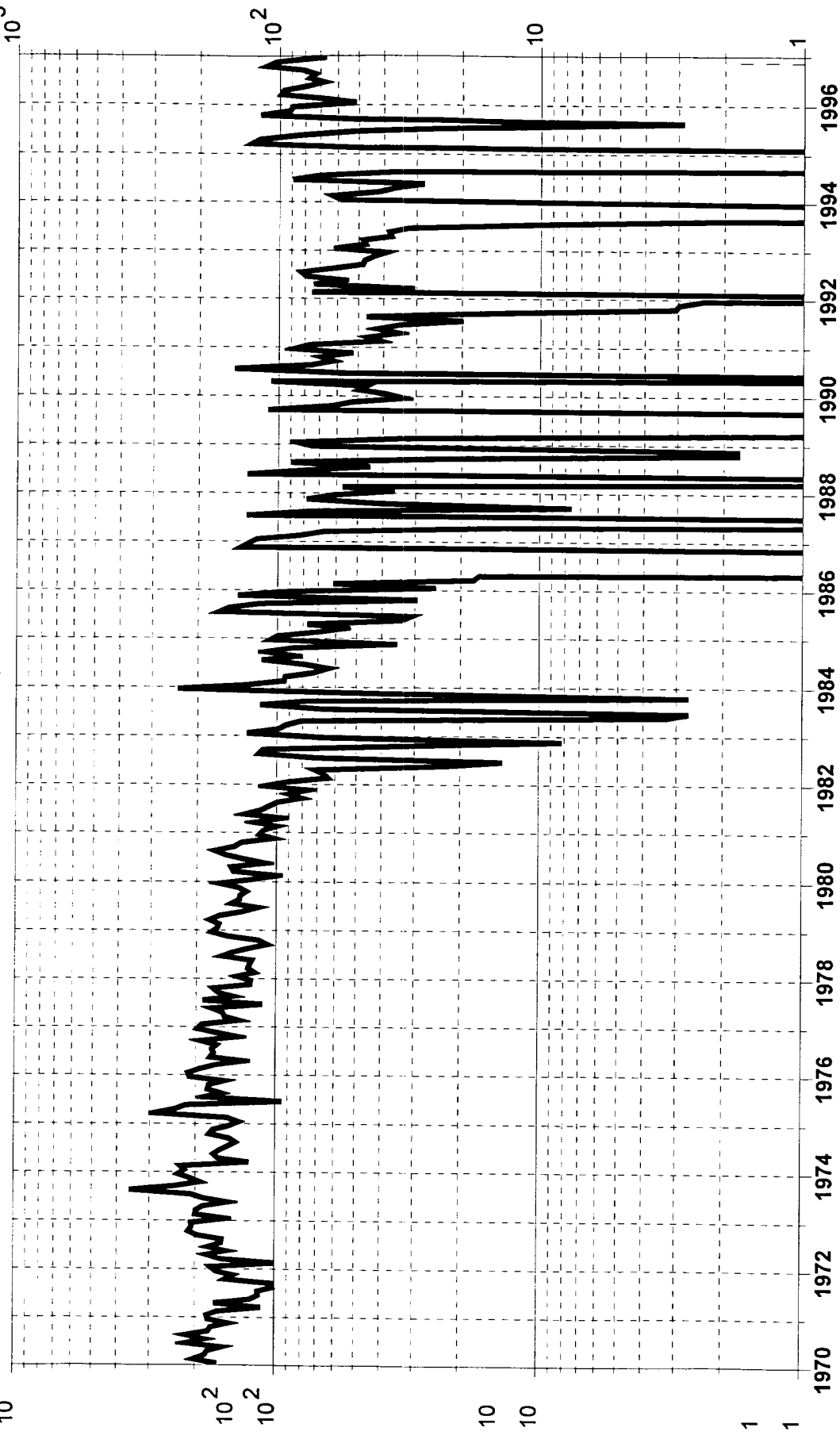
Operator: AMOCO PRODUCTION CO

Gas (mcf/day) ———

Oil (bbl/day) - - - - -

Dwights

Lease: ELLIOTT GAS COM R (1)
03/05/98
Retrieval Code: 251,045.30N09W34A00DK



County: SAN JUAN, NM	F.P. Date: 09/65
Field: BASIN (DAKOTA) DK	Oil Cum: 171 bbl
API #: 30-045-0903900	Gas Cum: 1351 mmcf
Operator: AMOCO PRODUCTION CO	Location: 34A 30N 9W

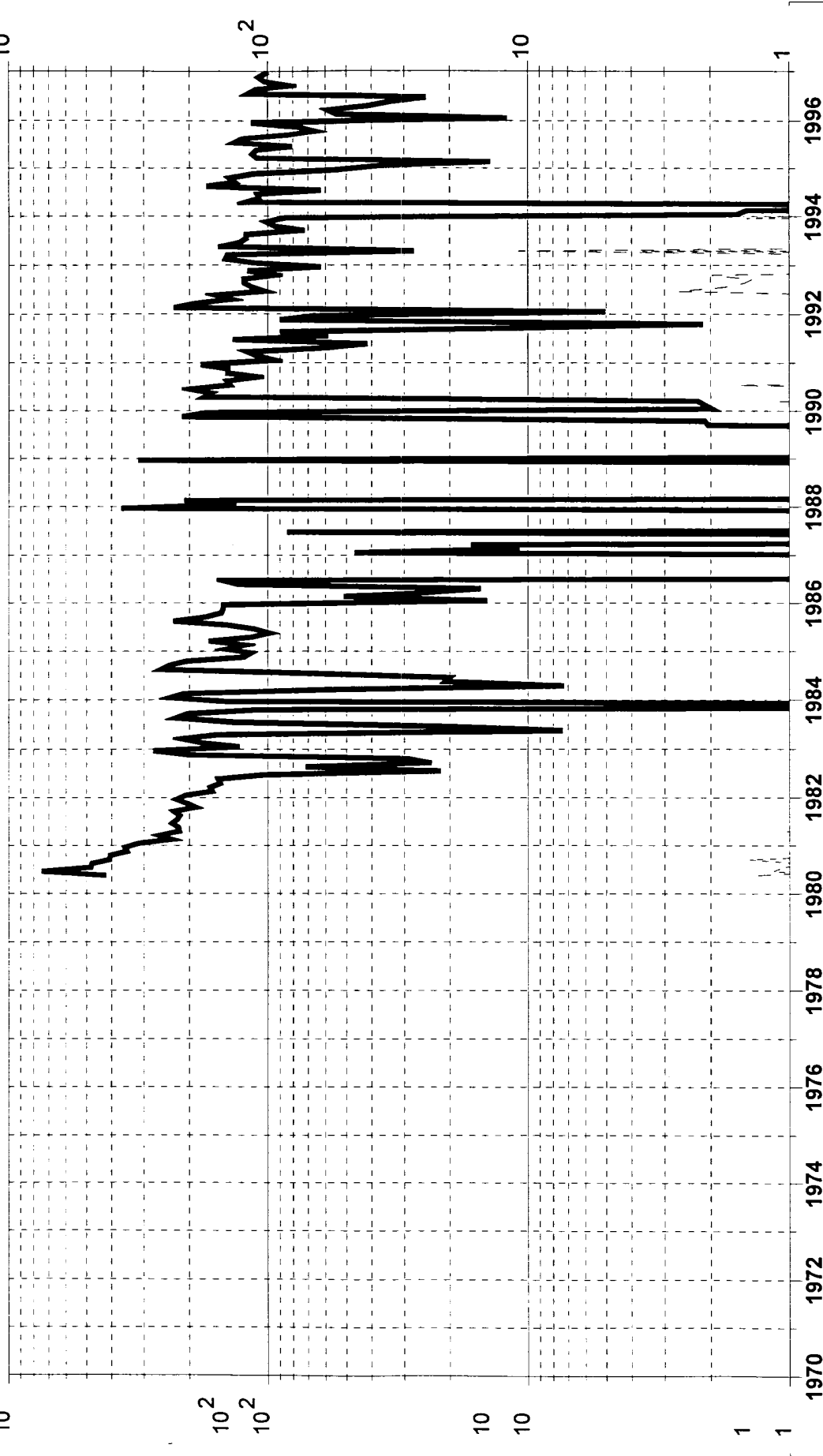
Water (bbl/day)

Gas (mcf/day)

Oil (bbl/day)

Dwights

Lease: LIKINS GAS COM A (3E) Retrieval Code: 251,045,30N09W34J00DK 03/05/98



Water (bbl/day)

F.P. Date: 05/80

County: SAN JUAN, NM

Oil Cum: 1285 bbl

Field: BASIN (DAKOTA) DK

Gas Cum: 711.4 mmcf

API #: 30-045-2356900

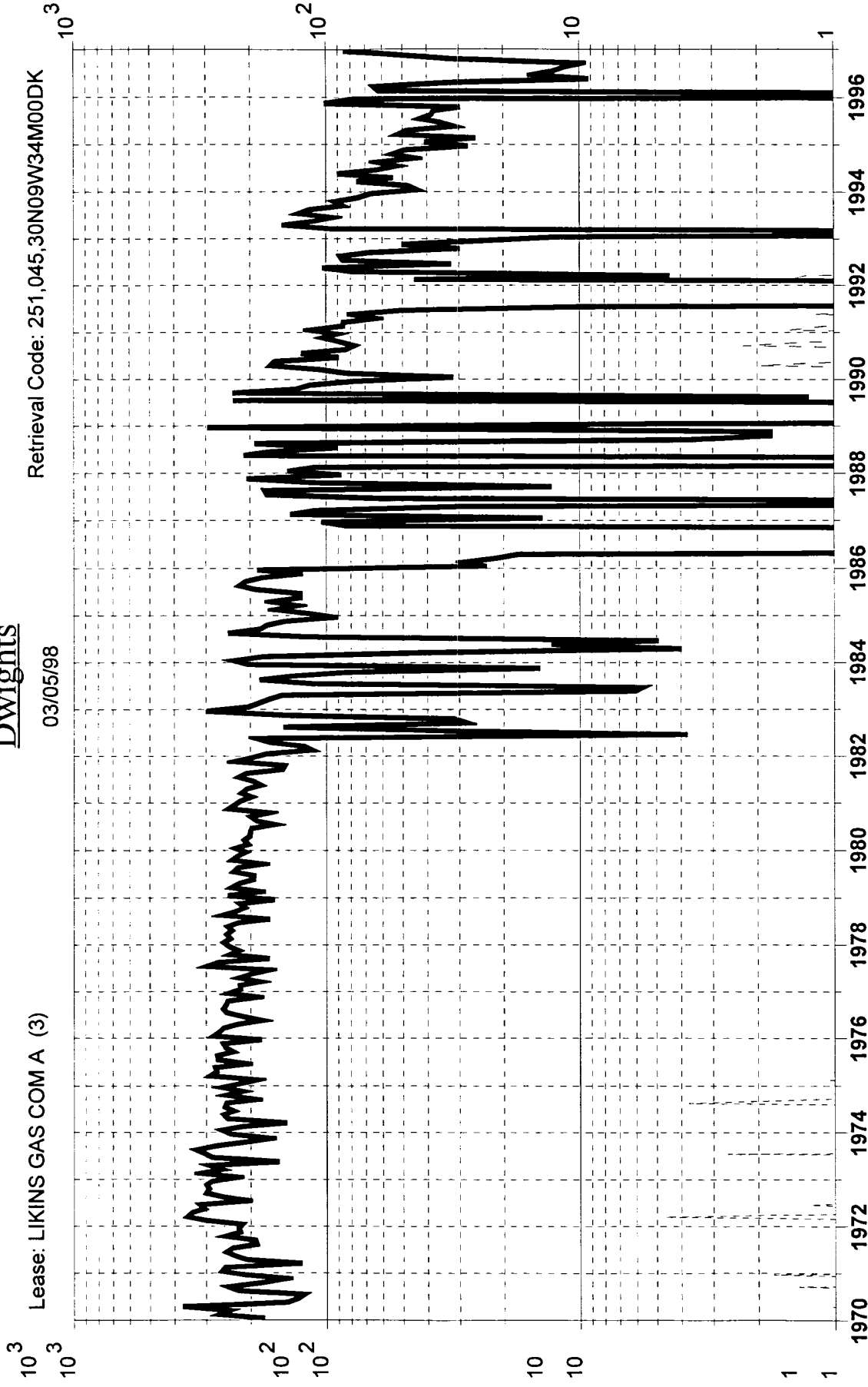
Location: 34J 30N 9W

Operator: AMOCO PRODUCTION CO

Gas (mcf/day) ———

Oil (bbl/day) - - - - -

Dwights



Water (bbl/day)

F.P. Date: 07/65

County: SAN JUAN, NM

Oil Cum: 4324 bbl

Field: BASIN (DAKOTA) DK

Gas Cum: 1949 mmcf

API #: 30-045-0893300

Location: 34M 30N 9W

Operator: AMOCO PRODUCTION CO

Gas (mcf/day)

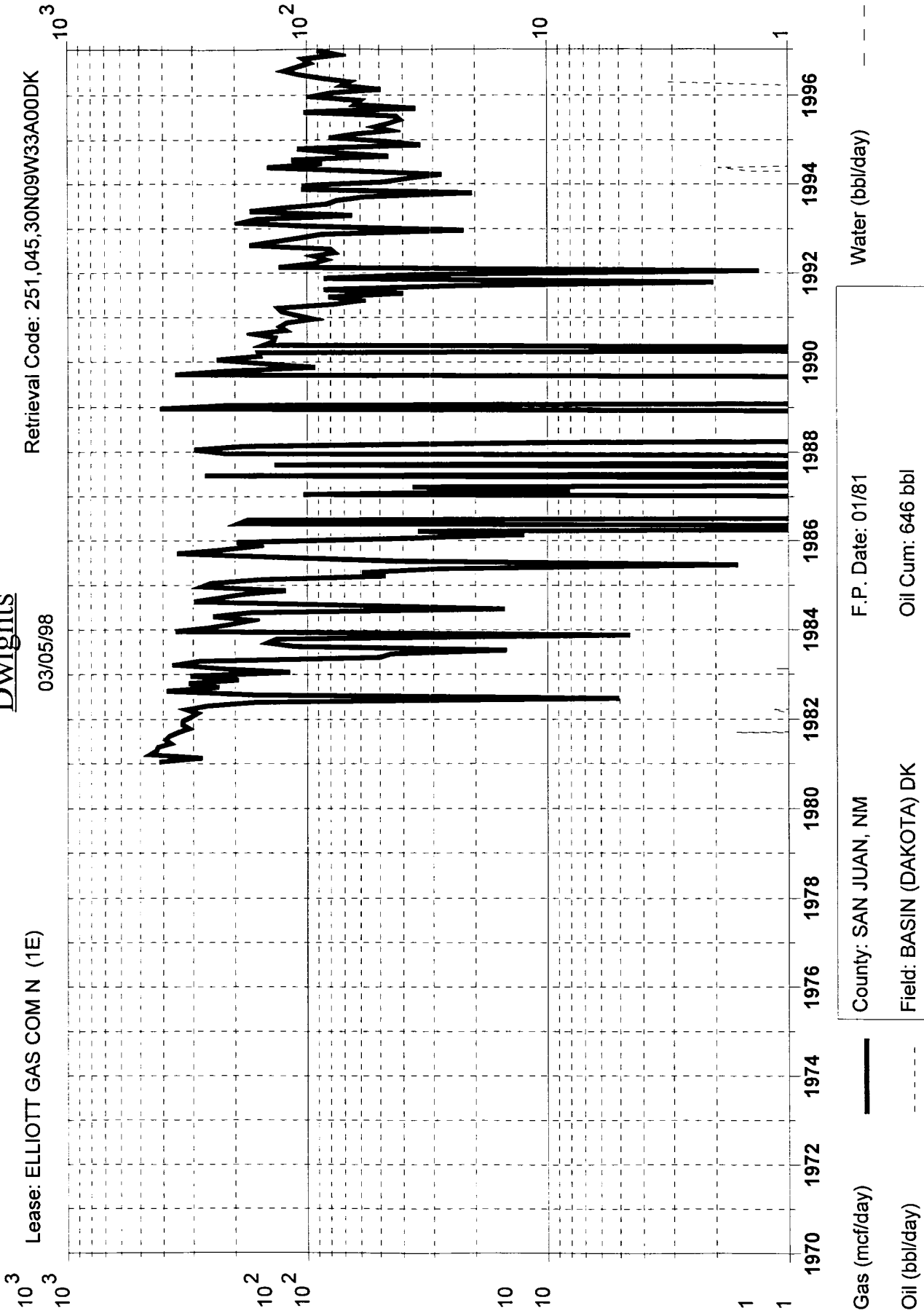
Oil (bbl/day)

Dwights

Lease: ELLIOTT GAS COM N (1E)

03/05/98

Retrieval Code: 251,045,30N09W33A00DK



County: SAN JUAN, NM F.P. Date: 01/81

Field: BASIN (DAKOTA) DK Oil Cum: 646 bbl

API #: 30-045-2438200 Gas Cum: 739.6 mmcf

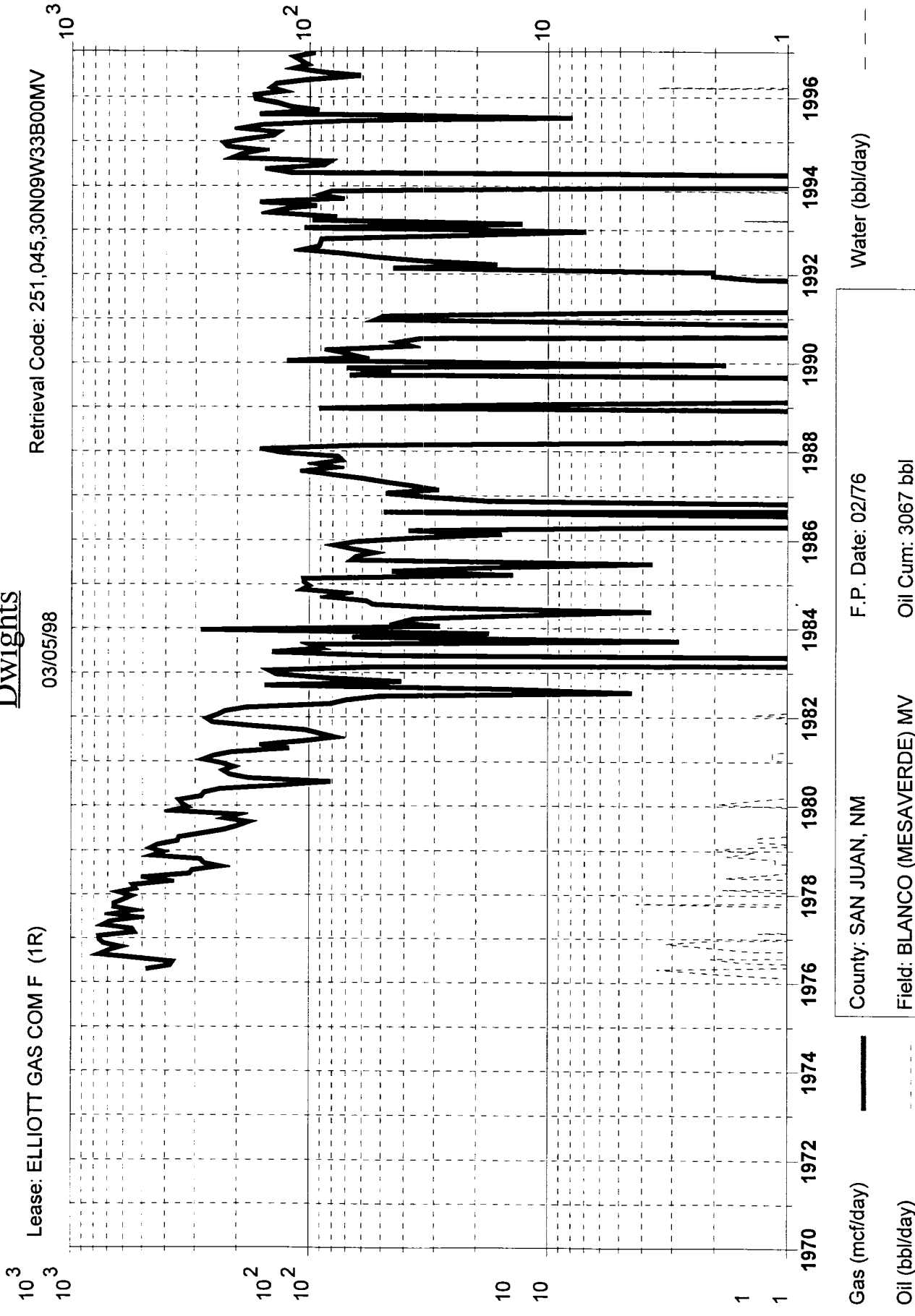
Operator: AMOCO PRODUCTION CO Location: 33A 30N 9W

Dwights

Lease: ELLIOTT GAS COM F (1R)

03/05/98

Retrieval Code: 251,045.30N09W33B00MV



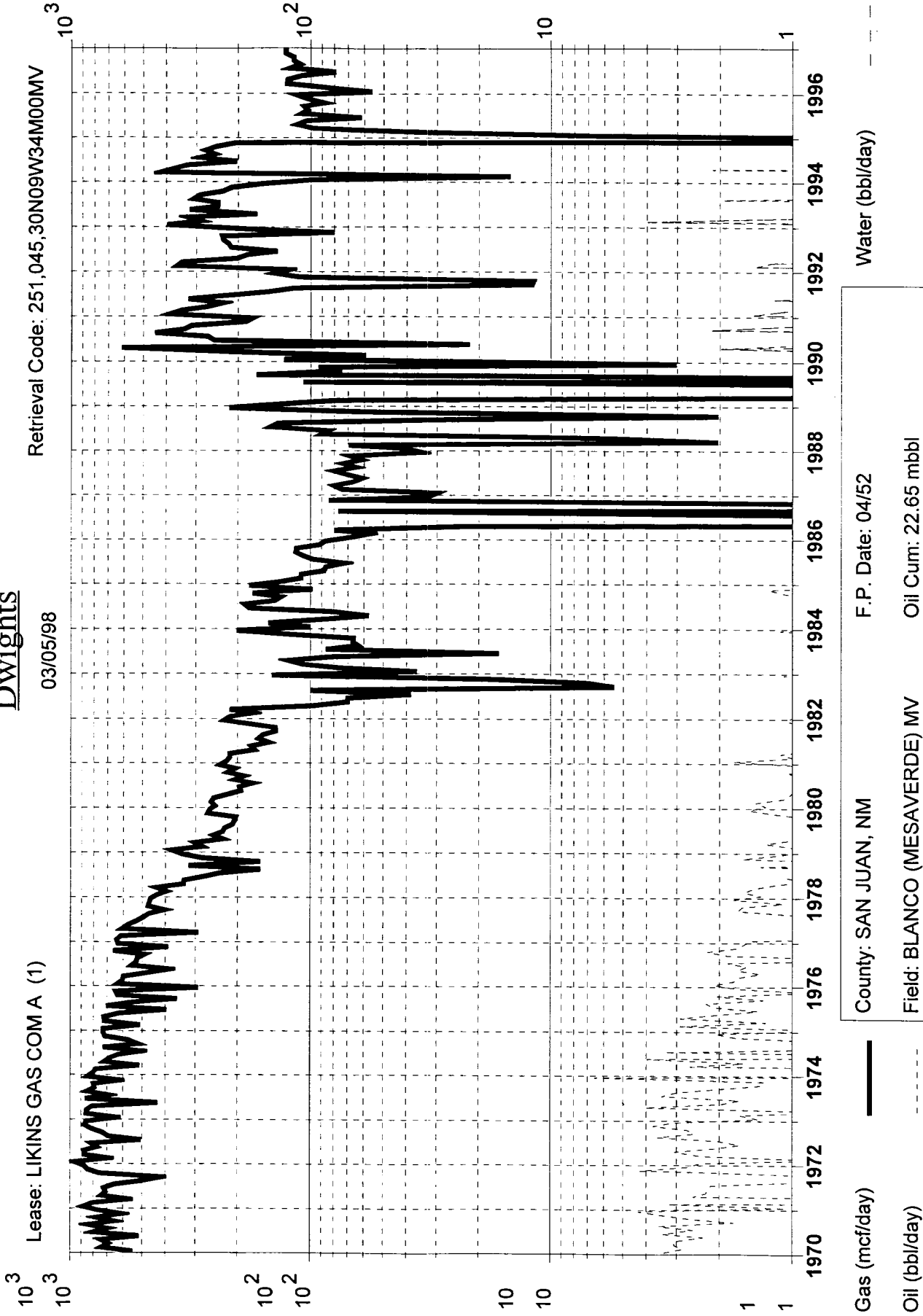
County: SAN JUAN, NM	F.P. Date: 02/76
Field: BLANCO (MESAVERDE) MV	Oil Cum: 3067 bbl
API #: 30-045-2187600	Gas Cum: 1174 mmcf
Operator: AMOCO PRODUCTION CO	Location: 33B 30N 9W

Dwights

Lease: LIKINS GAS COM A (1)

Retrieval Code: 251,045,30N09W34M00MV

03/05/98



Gas (mcf/day)

Oil (bbl/day)

Water (bbl/day)

County: SAN JUAN, NM

F.P. Date: 04/52

Field: BLANCO (MESAVERDE) MV

Oil Cum: 22.65 mbbl

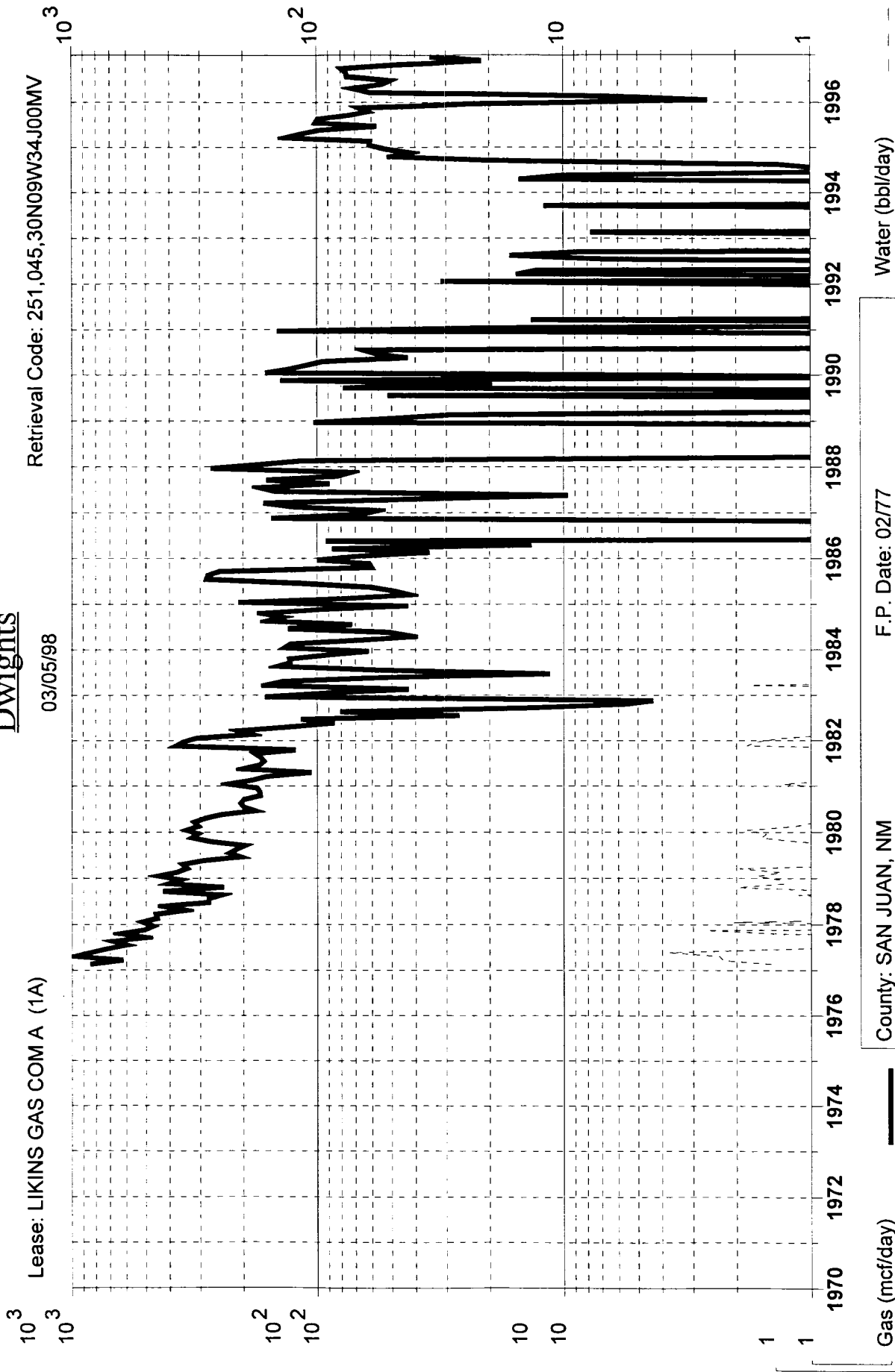
API #: 30-045-0890900

Gas Cum: 7329 mmcf

Operator: AMOCO PRODUCTION CO

Location: 34M 30N 9W

Dwights



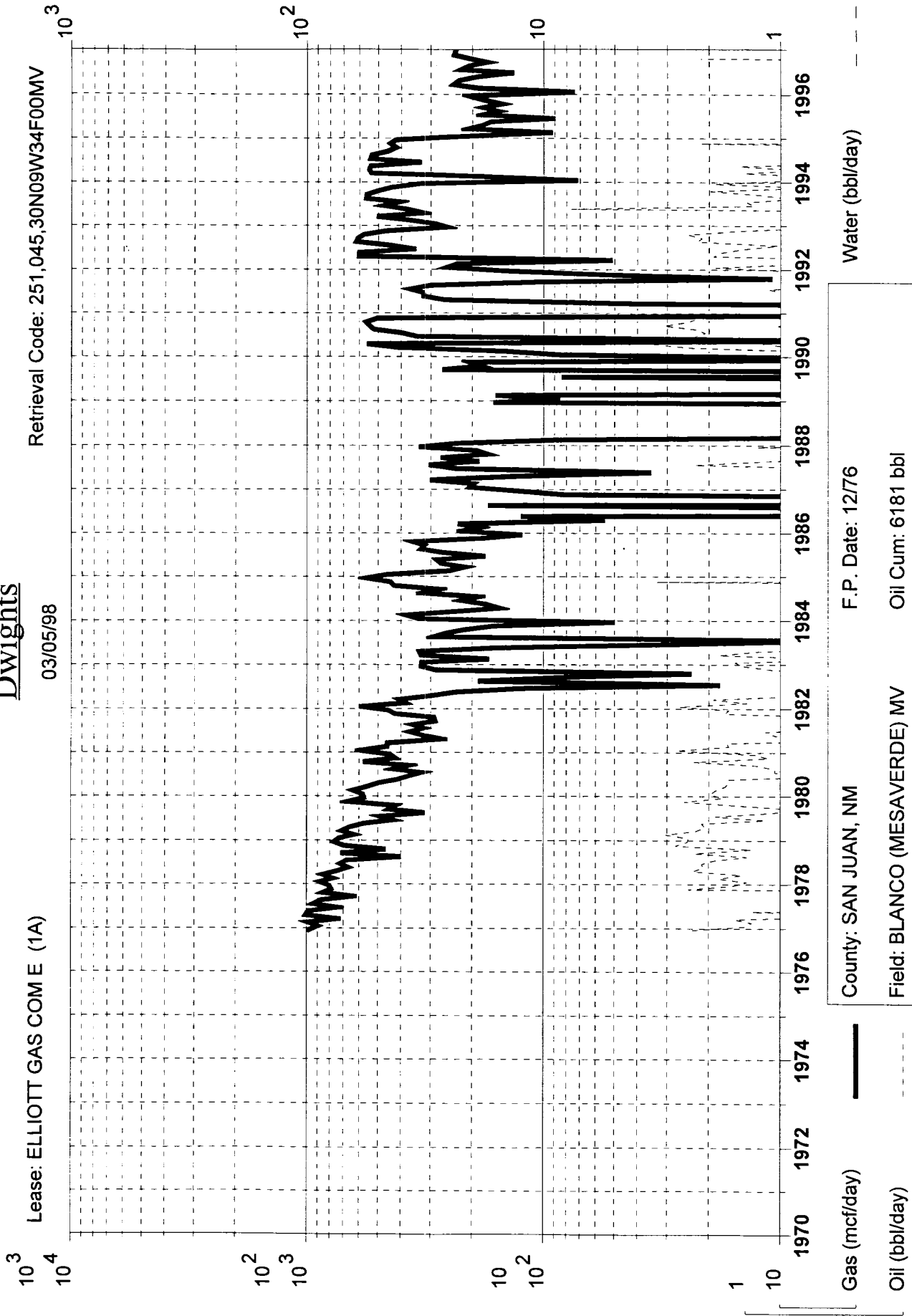
County: SAN JUAN, NM	F.P. Date: 02/77
Field: BLANCO (MESAVERDE) MV	Oil Cum: 2476 bbl
API #: 30-045-2219700	Gas Cum: 956.5 mmcf
Operator: AMOCO PRODUCTION CO	Location: 34J 30N 9W

Dwights

Lease: ELLIOTT GAS COM E (1A)

03/05/98

Retrieval Code: 251,045,30N09W34F00MV



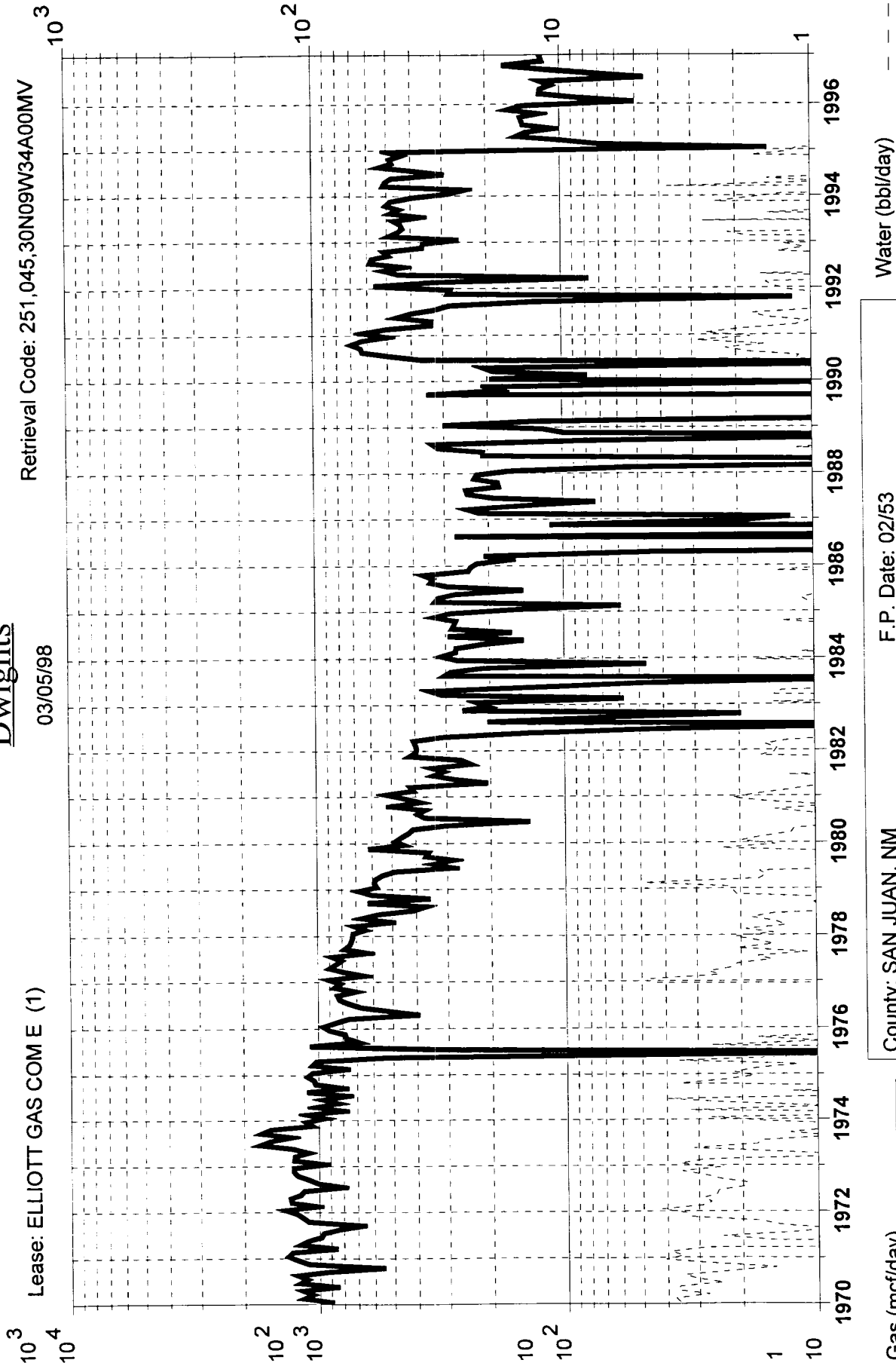
County: SAN JUAN, NM	F.P. Date: 12/76
Field: BLANCO (MESAVERDE) MV	Oil Cum: 6181 bbl
API #: 30-045-2219600	Gas Cum: 2456 mmcf
Operator: AMOCO PRODUCTION CO	Location: 34F 30N 9W

Dwights

Lease: ELLIOTT GAS COM E (1)

03/05/98

Retrieval Code: 251,045,30N09W34A00MV



Gas (mcf/day)

Oil (bbl/day)

Water (bbl/day)

F.P. Date: 02/53

County: SAN JUAN, NM

Field: BLANCO (MESAVERDE) MV Oil Cum: 28.05 mbbl

API #: 30-045-0904000 Gas Cum: 11.13 bcf

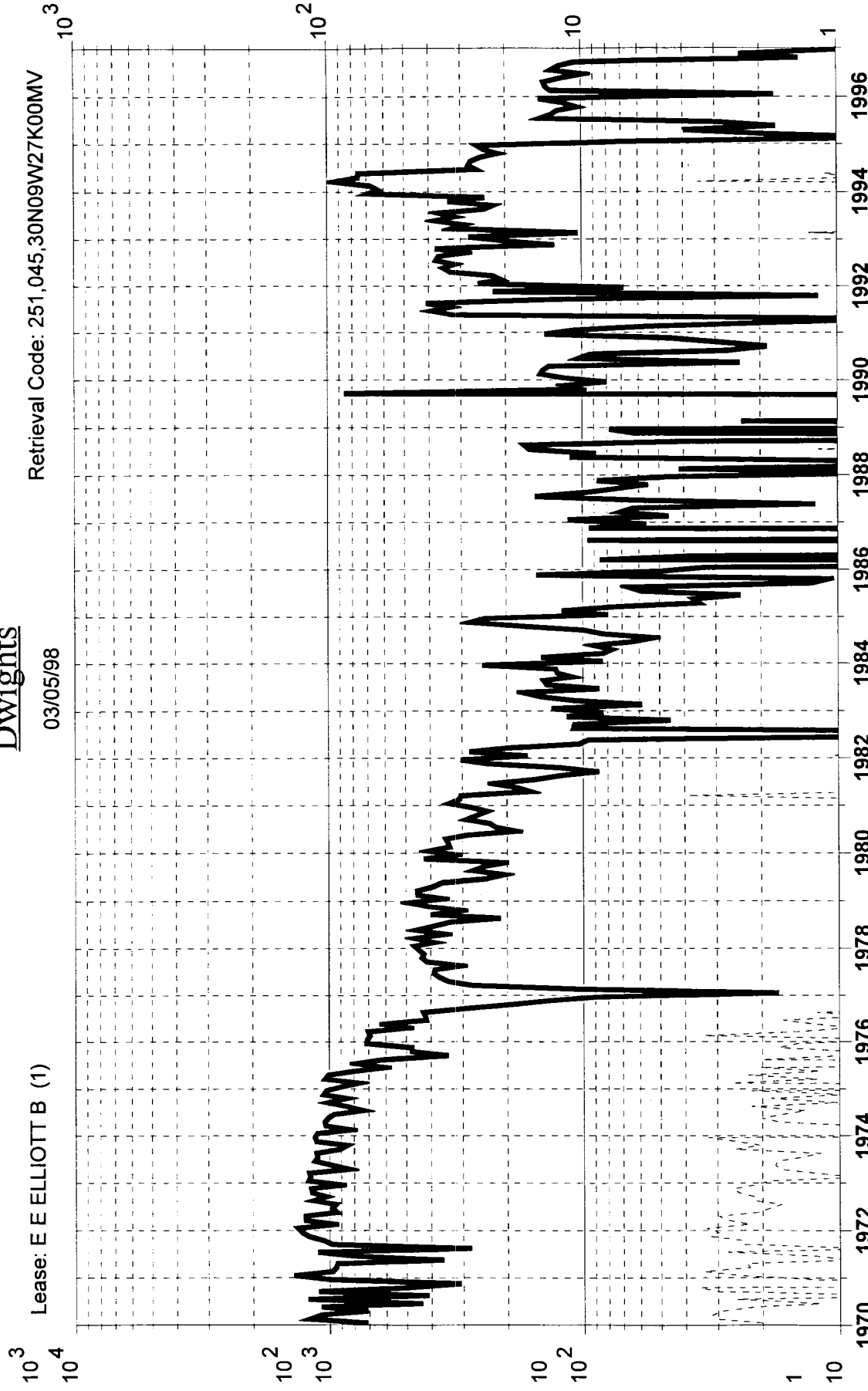
Operator: AMOCO PRODUCTION CO Location: 34A 30N 9W

Dwights

Lease: E E ELLIOTT B (1)

03/05/98

Retrieval Code: 251,045,30N09W27K00MV



County: SAN JUAN, NM	F.P. Date: 08/52
Field: BLANCO (MESAVERDE) MV	Oil Cum: 19.83 mbbl
API #: 30-045-0914300	Gas Cum: 9334 mmcf
Operator: AMOCO PRODUCTION CO	Location: 27K 30N 9W

Gas (mcf/day)

Oil (bbl/day)

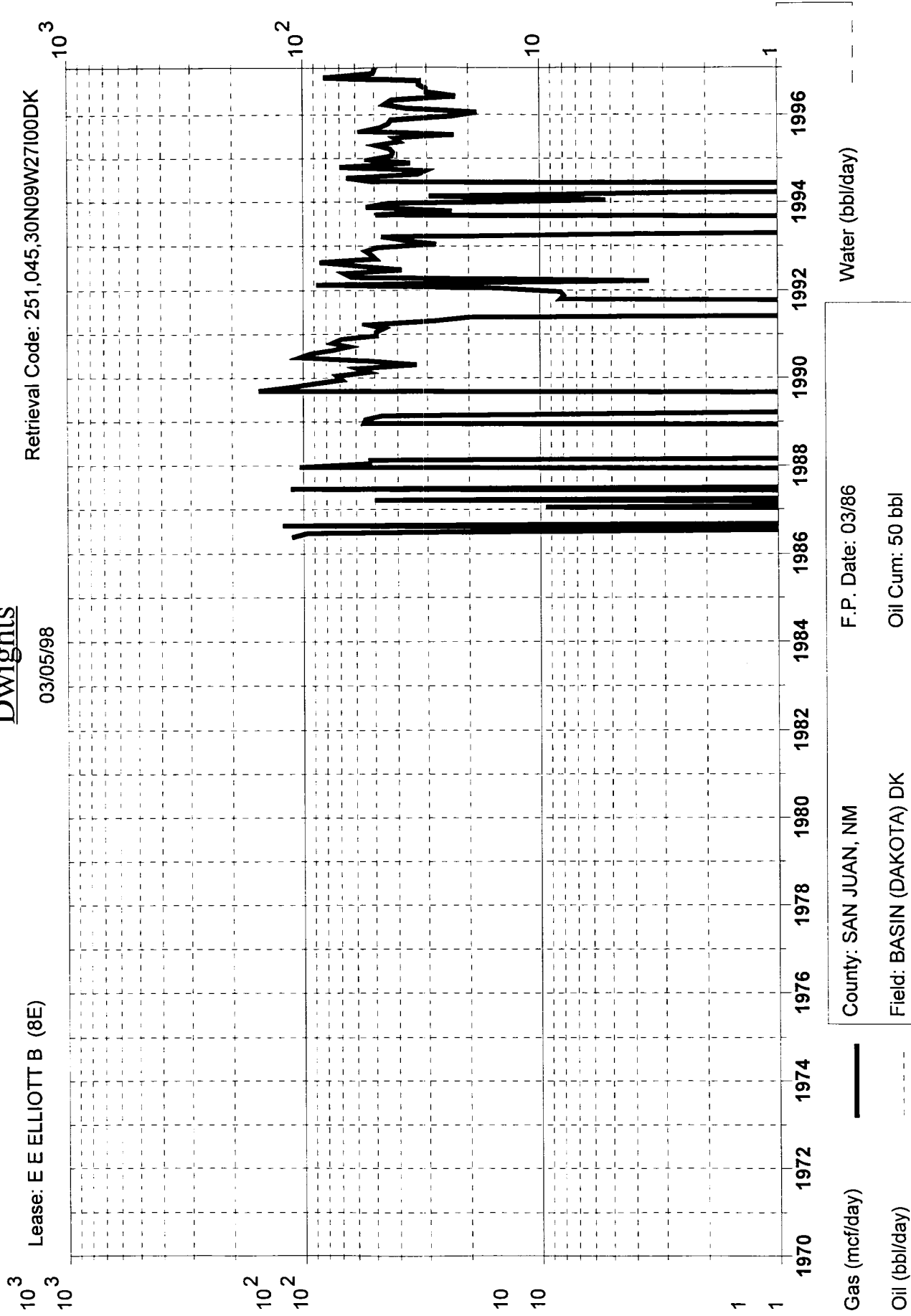
Water (bbl/day)

Dwights

Lease: E E ELLIOTT B (8E)

03/05/98

Retrieval Code: 251,045,30N09W27100DK



County: SAN JUAN, NM	F.P. Date: 03/86
Field: BASIN (DAKOTA) DK	Oil Cum: 50 bbl
API #: 30-045-2629900	Gas Cum: 148.0 mmcf
Operator: AMOCO PRODUCTION CO	Location: 271 30N 9W

Water (bbl/day)

Gas (mcf/day)

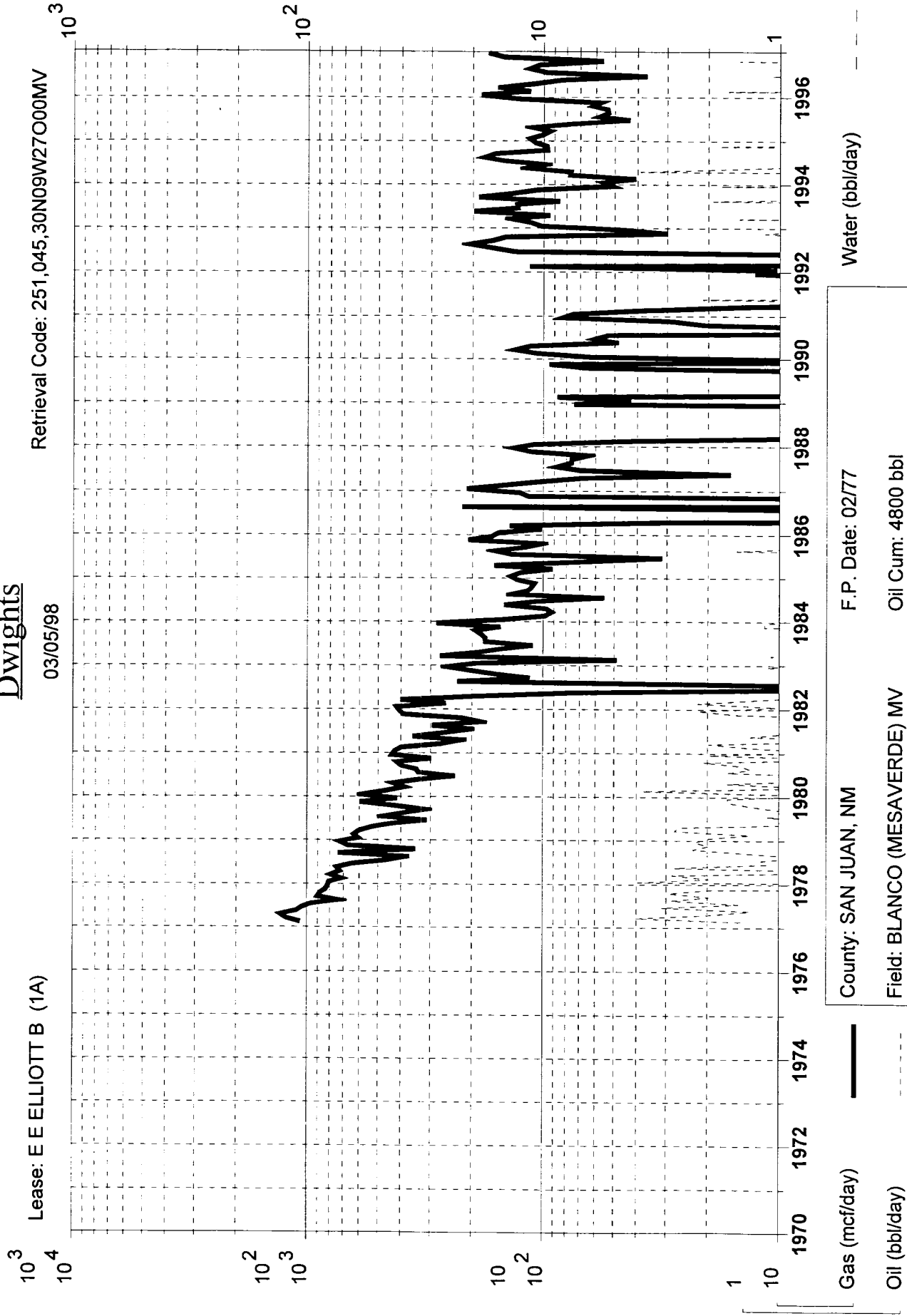
Oil (bbl/day)

Dwights

03/05/98

Lease: E E ELLIOTT B (1A)

Retrieval Code: 251,045,30N09W27O00MV



County: SAN JUAN, NM	F.P. Date: 02/77
Field: BLANCO (MESAVERDE) MV	Oil Cum: 4800 bbl
API #: 30-045-2219400	Gas Cum: 1527 mmcf
Operator: AMOCO PRODUCTION CO	Location: 27O 30N 9W

Gas (mcf/day) —
Oil (bbl/day) - - -

Water (bbl/day)