

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
DISTRICT II
811 South First St., Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410
DISTRICT IV
2040 S. Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

Form C-107-A
Revised August 1999

APPROVAL PROCESS:

Administrative Hearing

EXISTING WELLBORE

YES NO

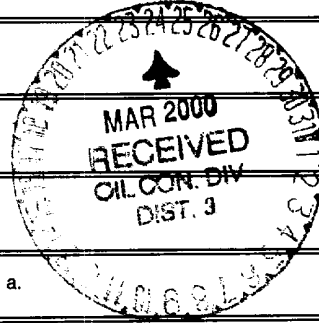
APPLICATION FOR DOWNHOLE COMMINGLING

Burlington Resources Oil and Gas

Operator **Moore** Address **H-35-32N-12W** **San Juan**
Lease Well No. **1** Unit Ltr. - Sec - Twp - Rge **H-35-32N-12W** County **San Juan**

Spacing Unit Lease Types: (check 1 or more)
OGRID NO. 14538 Property Code 18587 API NO. 30-045-13214 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)	5287-5422		7038-7132
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) 587 psi (see attachment)	a.	a. 1141 psi (see attachment)
	b. (Original) 1373 psi (see attachment)	b.	b. 2831 psi (see attachment)
6. Oil Gravity (EAPI) or Gas BTU Content	BTU 1209		BTU 1066
7. Producing or Shut-In?	Producing		Producing
Production Marginal? (yes or no) * If Shut-In, give 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 * If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Yes		Yes
	Date: Rates:	Date: Rates:	Date: Rates:
	Date: 1/31/00 Rates: 22 mcf/d	Date: Rates:	Date: 1/31/00 Rates: 40 mcf/d
8. Fixed Percentage Allocation Formula - % for each zone (total of %'s to equal 100%)	Will be supplied upon completion.		Will be supplied upon completion.



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
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
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.
 * Data to support allocation method or formula.
 * 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 Jennifer Dobson TITLE PRODUCTION ENGINEER DATE 3/21/00
 TYPE OR PRINT NAME Jennifer Dobson TELEPHONE NO. (505) 326-9700

NEW MEXICO
OIL CONSERVATION COMMISSION

Gas Well Plat

Date March 11, 1954

Southern Union Gas Co. Moore 1
Operator Lease Well No.

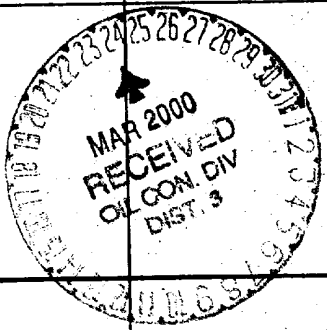
Name of Producing Formation Mogaverta Pool Blanco

No. Acres Dedicated to the Well 320

Indicate land status and show ownership.

SECTION 35 TOWNSHIP 32-N RANGE 12-W

		S. U. G. Patented	
		Horton SF 07811.6 Federal	
		S. U. G. Patented	



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

Original Signed By
A. M. WIEDERKEHR

Name _____
Position Engineer
Representing Southern Union Gas Co.
Address Fort Hldg., Dallas

(over)

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

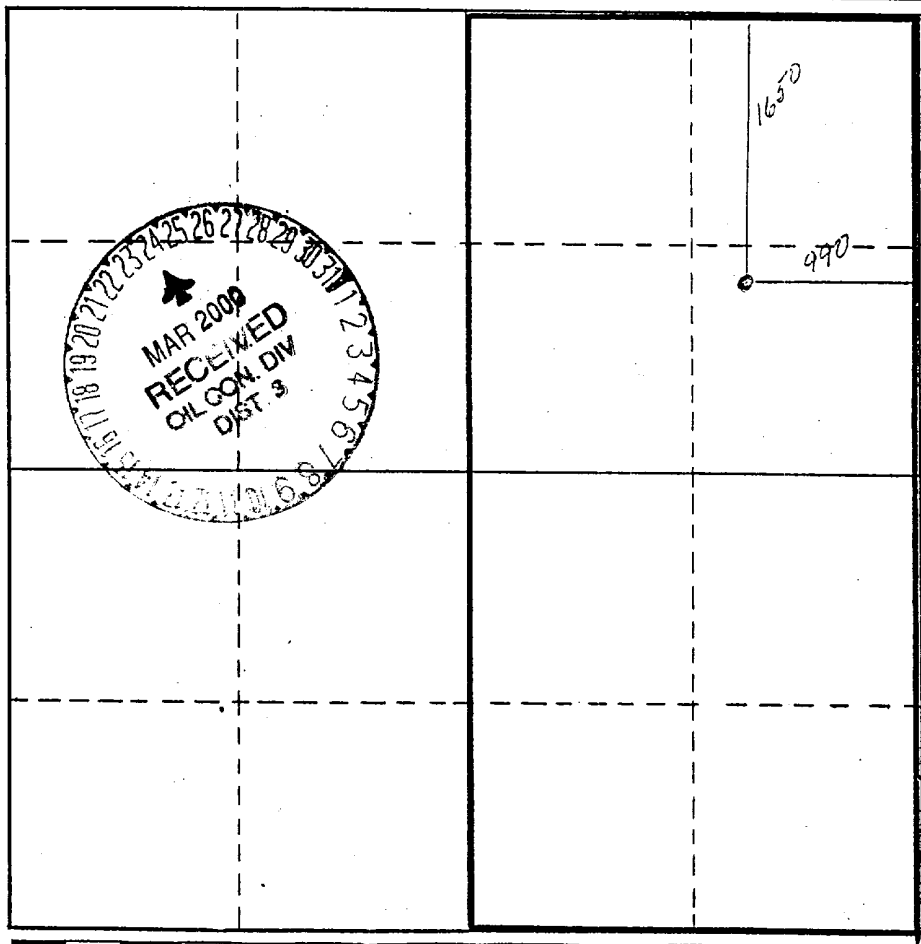
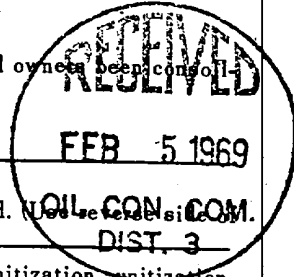
Operator Aztec Oil and Gas		Lease Moore			Well No. 1
Unit Letter H	Section 35	Township 32N	Range 12W	County San Juan	
Actual Footage Location of Well: 1650 feet from the North line and 990 feet from the East line					
Ground Level Elev:	Producing Formation Dakota	Pool Basin Dakota	Dedicated Acreage: 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.



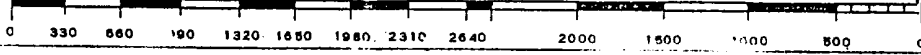
CERTIFICATION

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

Joe C. Salmon
Name
Joe C. Salmon
Position
District Superintendent
Company
Aztec Oil and Gas
Date
February 4, 1969

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.

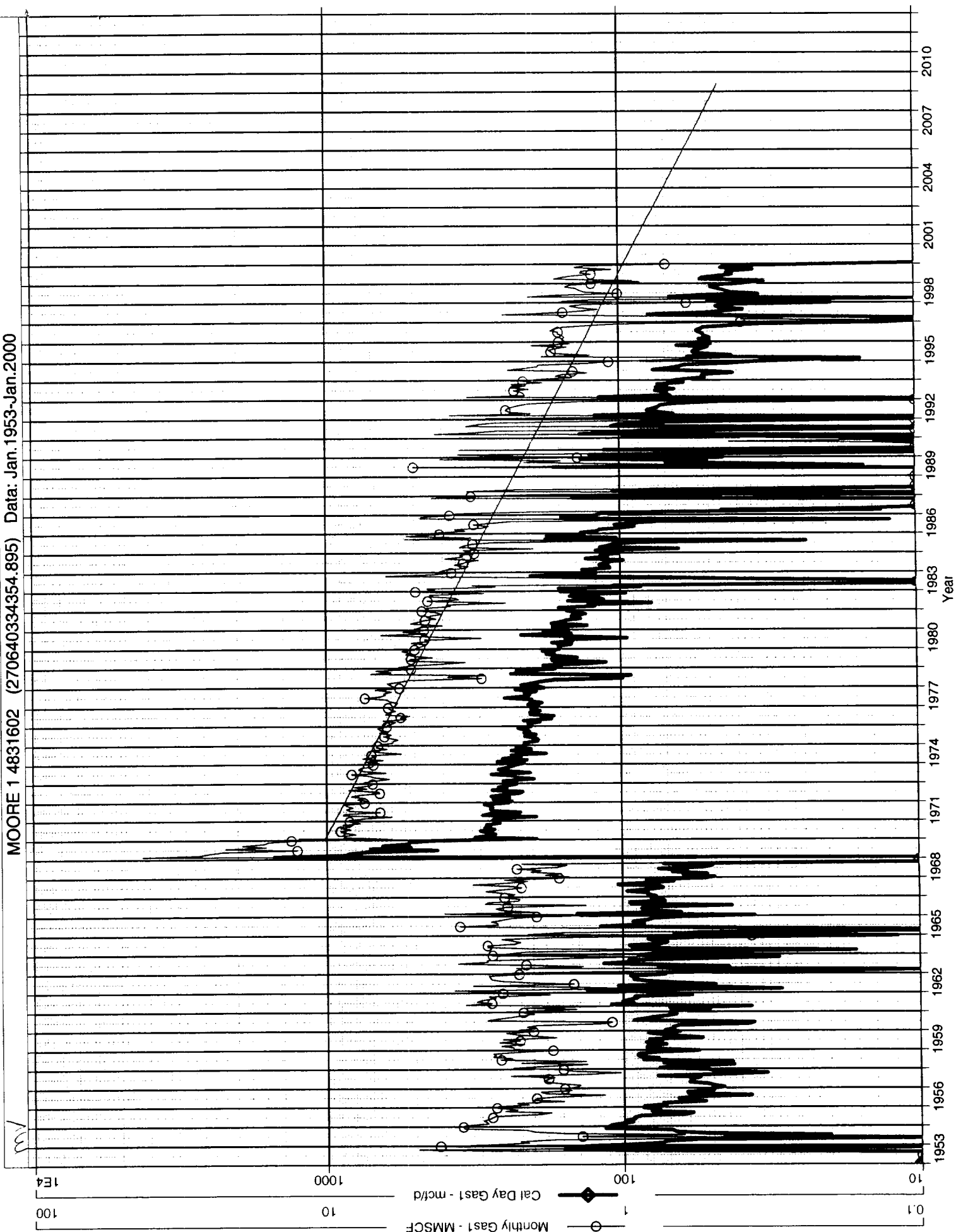
Date Surveyed
Registered Professional Engineer and/or Land Surveyor
Certificate No.



Moore #1
Bottom Hole Pressures
Flowing and Static BHP
Cullender and Smith Method
Version 1.0 1/14/98

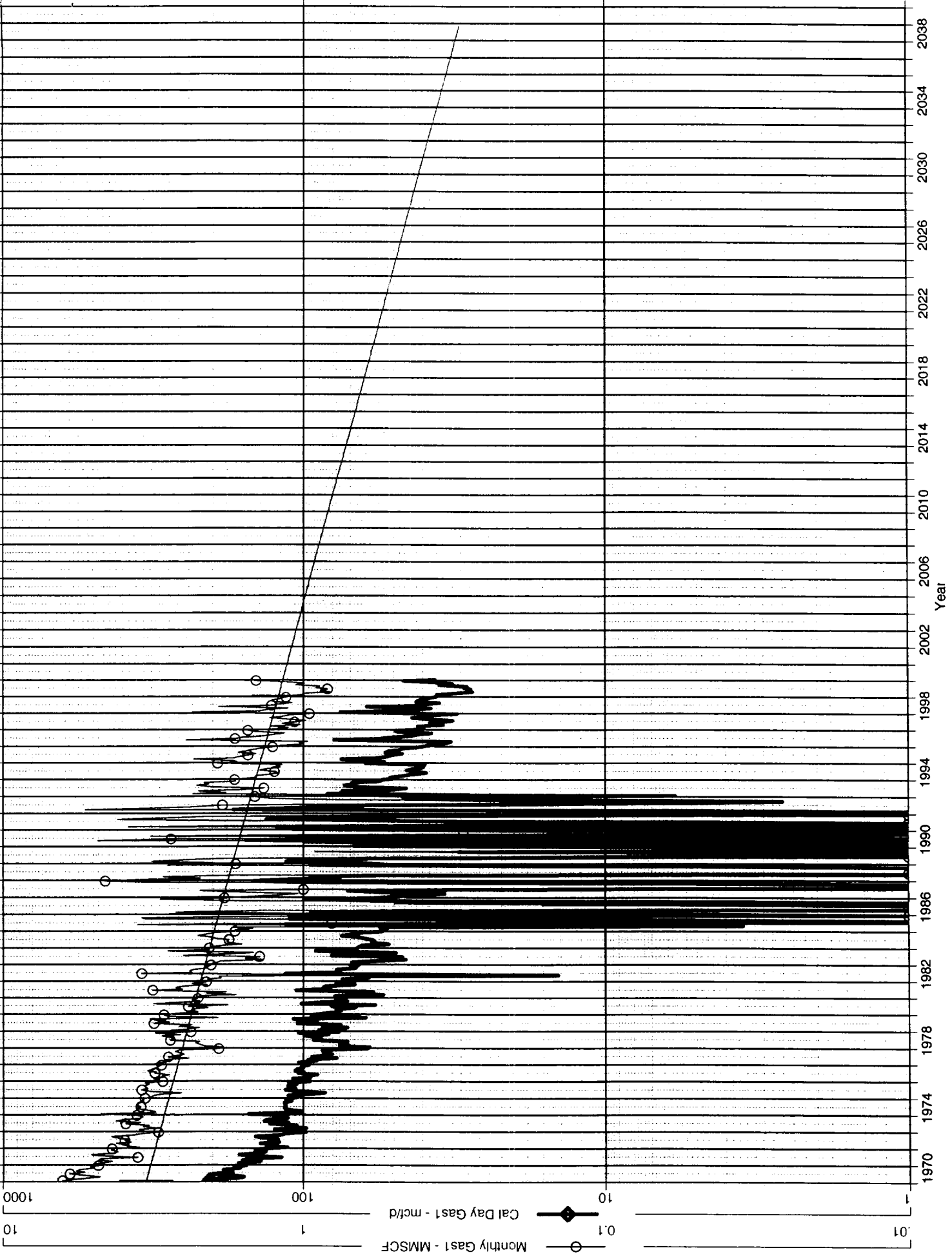
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MOORE 1 4831602 (270640334354.895) Data: Jan. 1953-Jan. 2000



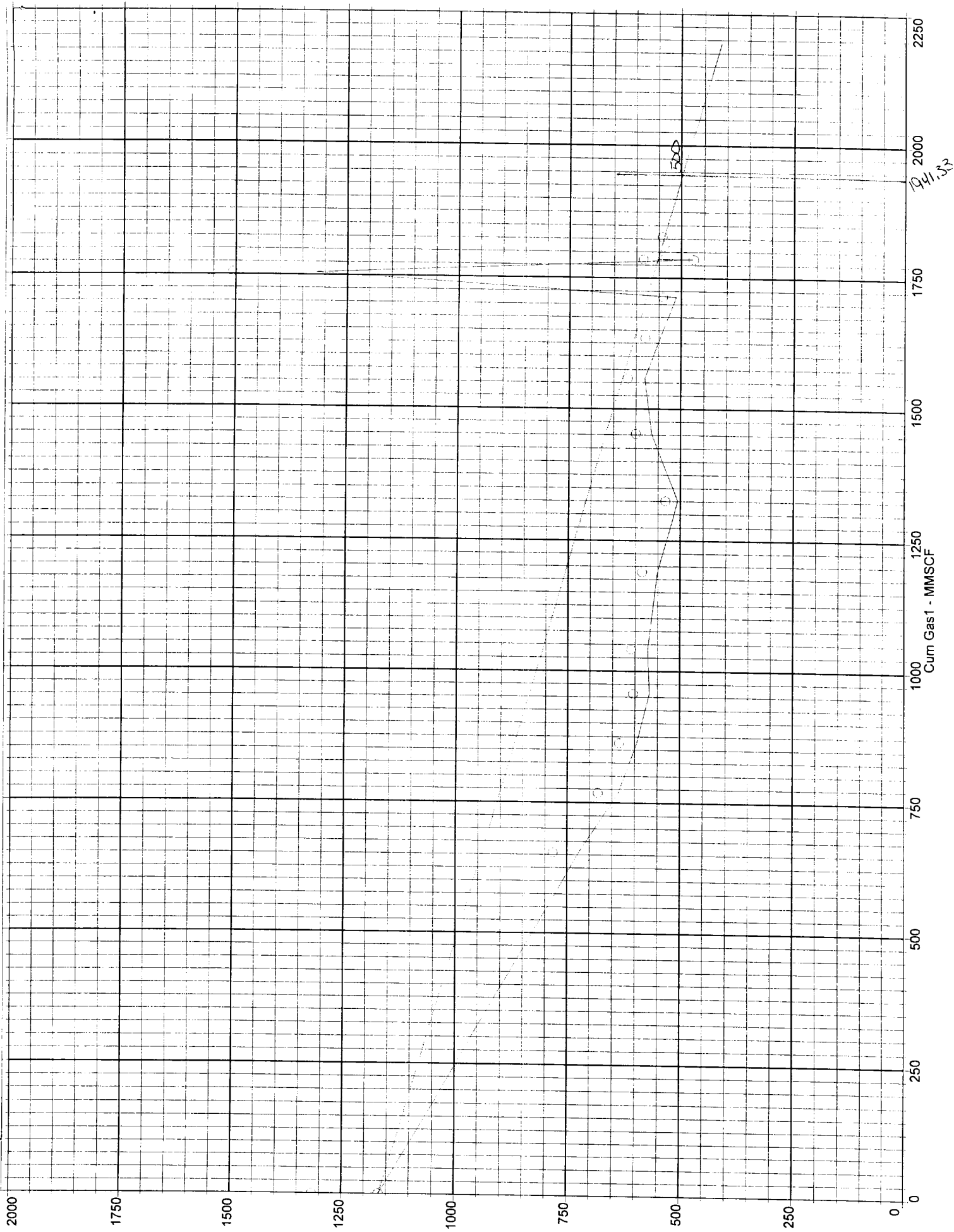
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DK



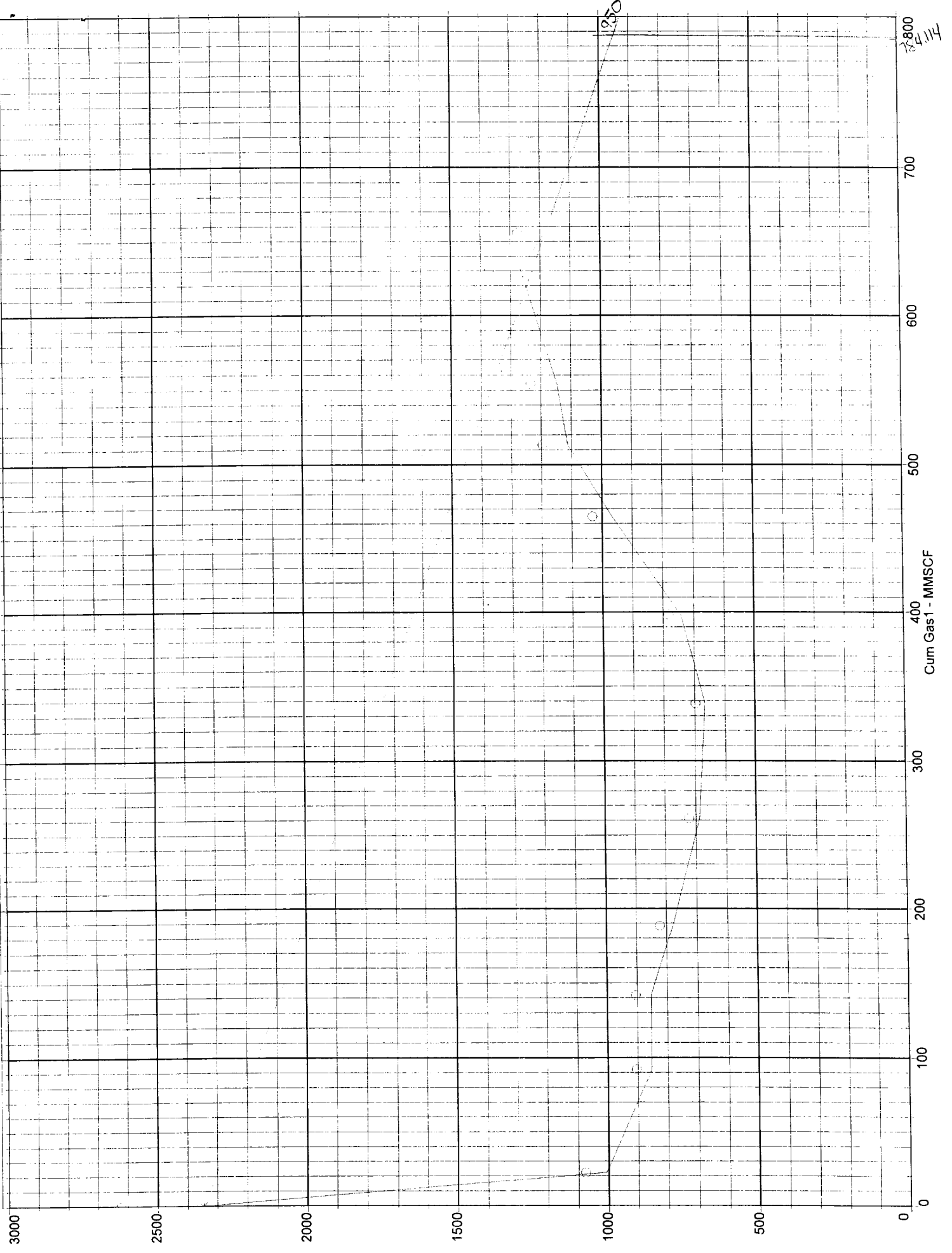
MOORE 1 4831602 (270640334354.895) Data: Jan. 1953-Dec. 1999

mV



MOORE 1 4831601 (254767827759.945) Data: Nov. 1968-Dec. 1999

DK



2800

700

600

500

400

300

200

100

0

Cum Gas 1 - MMSCF

DPNO	METERNA	WELLNAME	WELLNO	FRM	Cum MCF	Year	Month	Day	WH Psi	
4831601	34318	MOORE	1	DK		1968	11	14	2,348	original
						1970	4	17	1,008	
						1971	6	18	854	
						1972	6	18	854	
						1973	7	18	779	
						1975	4	18	688	
						1977	5	17	666	
						1979	5	2	743	
						1981	8	31	968	
						1983	8	23	1,112	
						1985	6	11	1,147	
						1990	9	4	1,267	
						1992	3	29	1,183	
					784	2000	3	1	950	current estimated from P/Z data
4831602	34142	MOORE	1	MV		1953	6	18	1,167	original
						1970	4	17	724	
						1971	6	18	636	
						1972	6	18	596	
						1973	7	18	568	
						1974	7	18	572	
						1976	7	3	551	
						1978	6	2	506	
						1980	8	24	565	
						1982	8	23	581	
						1984	8	21	547	
						1986	8	19	512	
						1989	7	8	1,319	
						1991	5	14	473	
						1991	5	28	551	
						1993	5	4	513	
					1,941	2000	3	1	500	current estimated from P/Z data

DPNO	METERNA	WELLNAME	WELLNO	FRM	DISP_MO	GRS GAS PROD	3monavg
4831601	34318	MOORE	1	DK	31-Jan-99	1110.75	
4831601	34318	MOORE	1	DK	28-Feb-99	1008.8	
4831601	34318	MOORE	1	DK	31-Mar-99	996.05	
4831601	34318	MOORE	1	DK	30-Apr-99	820.57	
4831601	34318	MOORE	1	DK	31-May-99	876.45	
4831601	34318	MOORE	1	DK	30-Jun-99	833.31	
4831601	34318	MOORE	1	DK	31-Jul-99	907.82	
4831601	34318	MOORE	1	DK	31-Aug-99	886.25	
4831601	34318	MOORE	1	DK	30-Sep-99	1061.74	
4831601	34318	MOORE	1	DK	31-Oct-99	992.13	
4831601	34318	MOORE	1	DK	30-Nov-99	1098.99	
4831601	34318	MOORE	1	DK	31-Dec-99	1441.14	
4831601	34318	MOORE	1	DK	31-Jan-00	1129.38	40
4831602	34142	MOORE	1	MV	31-Jan-99	1093.11	
4831602	34142	MOORE	1	MV	28-Feb-99	895.07	
4831602	34142	MOORE	1	MV	31-Mar-99	1643.09	
4831602	34142	MOORE	1	MV	30-Apr-99	1558.78	
4831602	34142	MOORE	1	MV	31-May-99	1422.51	
4831602	34142	MOORE	1	MV	30-Jun-99	1230.36	
4831602	34142	MOORE	1	MV	31-Jul-99	1337.22	
4831602	34142	MOORE	1	MV	31-Aug-99	1328.4	
4831602	34142	MOORE	1	MV	30-Sep-99	1049.97	
4831602	34142	MOORE	1	MV	31-Oct-99	1396.04	
4831602	34142	MOORE	1	MV	30-Nov-99	1309.77	
4831602	34142	MOORE	1	MV	31-Dec-99	694.1	
4831602	34142	MOORE	1	MV	31-Jan-00	14.71	22