

DHC 8/15/96

DISTRICT I

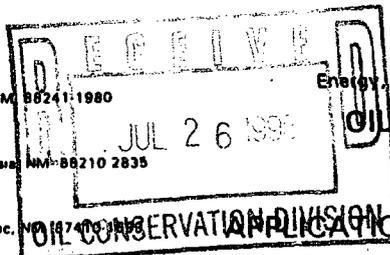
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II

811 South First St., Artesia, NM 88210 2835

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410 3199



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 New 3-12-96

APPROVAL PROCESS:

Administrative Hearing

EXISTING WELLBORE

YES NO

Operator Conoco Inc. Address 10 Desta Dr, Ste 100W, Midland TX 79705

Lease Suter Well No. 2A Unit Ltr. - Sec - Twp - Rge 0-12-32N-11W County San Juan

OGRID NO. 005073 Property Code 003290 API NO. 30-045-2294B 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	Blanco PC 72359		Blanco Mesaverde 72319
2. Top and Bottom of Pay Section (Perforations)	3168'-3190'		4715'-5694'
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) 683 psi	a.	a. 339 psi
	b. (Original) 980 psi	b.	b. 1194 psi
6. Oil Gravity (°API) or Gas BTU Content	1134 BTU		1081 BTU
7. Producing or Shut-In?	Producing		Producing
Production Marginal? (yes or no)	Yes		Yes
* 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)	Date: Rates:	Date: Rates:	Date: Rates:
	Date: 1996 mid/yr Rates: 0 bopd 78 mcf/gpd, 0 bwpd	Date: Rates:	Date: 1996 mid/yr Rates: .0001 bbl/mcf 18 mcf/gpd, 0 bwpd
8. Fixed Percentage Allocation Formula - % for each zone	Oil: 0 % Gas: 30 %	Oil: % Gas: %	Oil: 100 % Gas: 70 %

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
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 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 Jerry W. Hoover TITLE Sr. Conservation Coordinator DATE 7/24/96

TYPE OR PRINT NAME Jerry W. Hoover TELEPHONE NO. (915) 686-6549

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Recvd. () a. Prod.

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

APR 17 1978

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

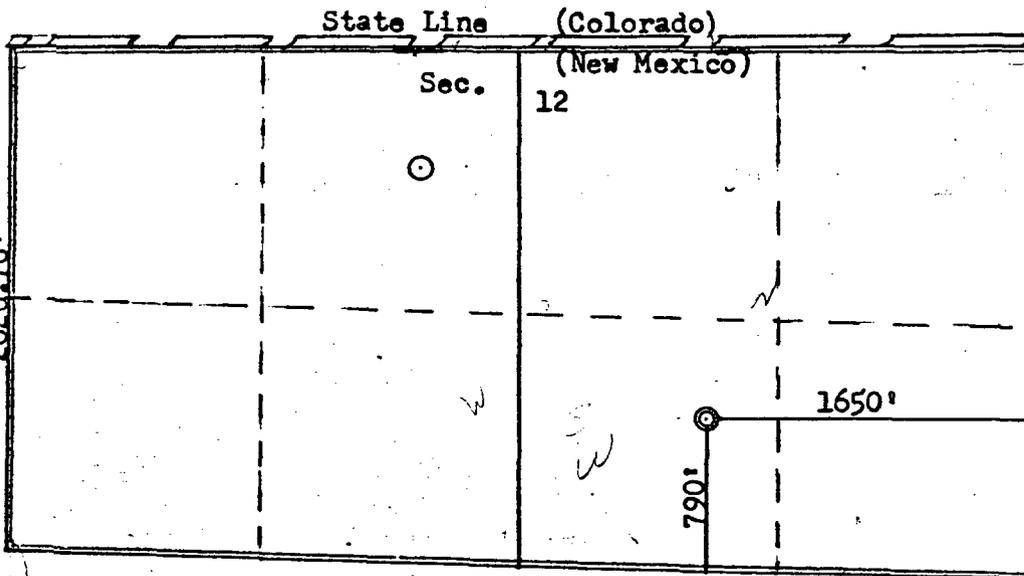
Operator Mesa Petroleum Company			Lease Suter-		JLF	GD	Well No. 2 A
Unit Letter 0	Section 12	Township 32N	Range 11W	County San Juan	SP	TLS	
Actual Footage Location of Wells: 790 feet from the South line and 1650 feet from the East line							
Ground Level Elev: 6422	Producing Formation Mesa Verde	Pictured Cliffs	Pool Blanco Pictured Cliffs-Ext. Blanco Mesa Verde	Dedicated Acreage: MV 320, PC 160 ¹⁶⁷ Acres			

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 _____

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.



Scale: 1"=1000'

cc: EPNJ
J. Archer

CERTIFICATION

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

John Alexander

Name

Agent

Position

Mesa Petroleum

Company

2-24-78

Date

John Alexander

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

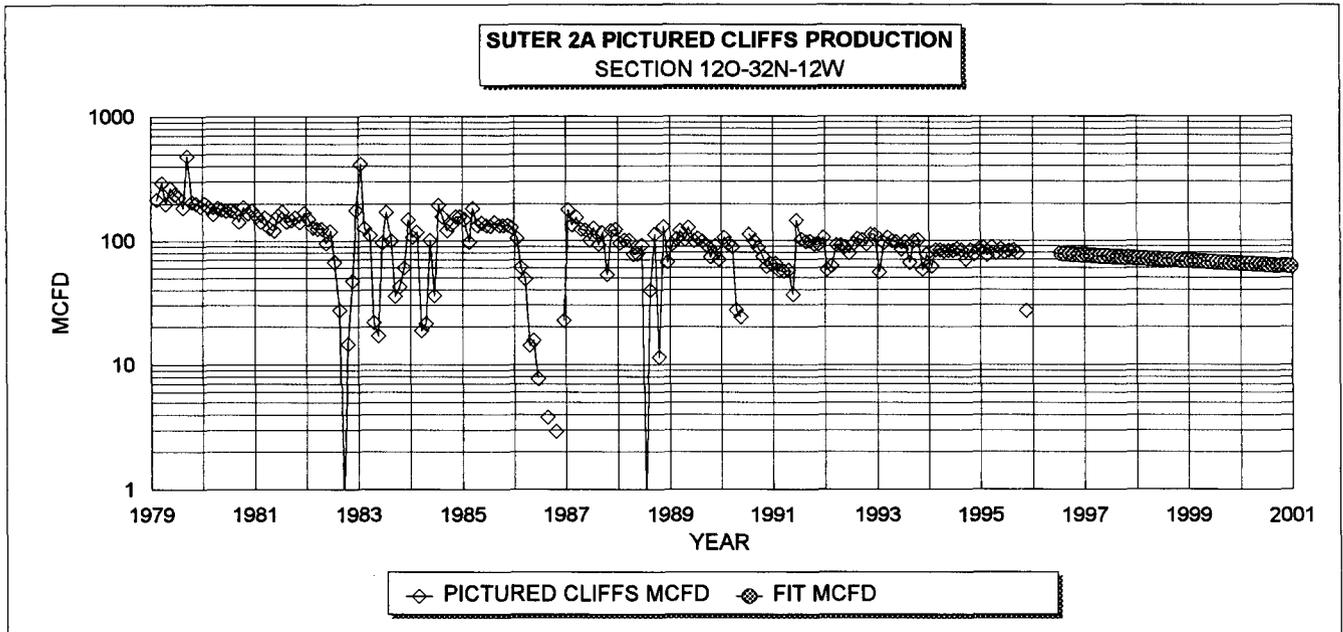
February 7, 1978

Registered Professional Engineer and Land Surveyor

Fred B. Kerr Jr.
Fred B. Kerr Jr.

Certificate No.

3950

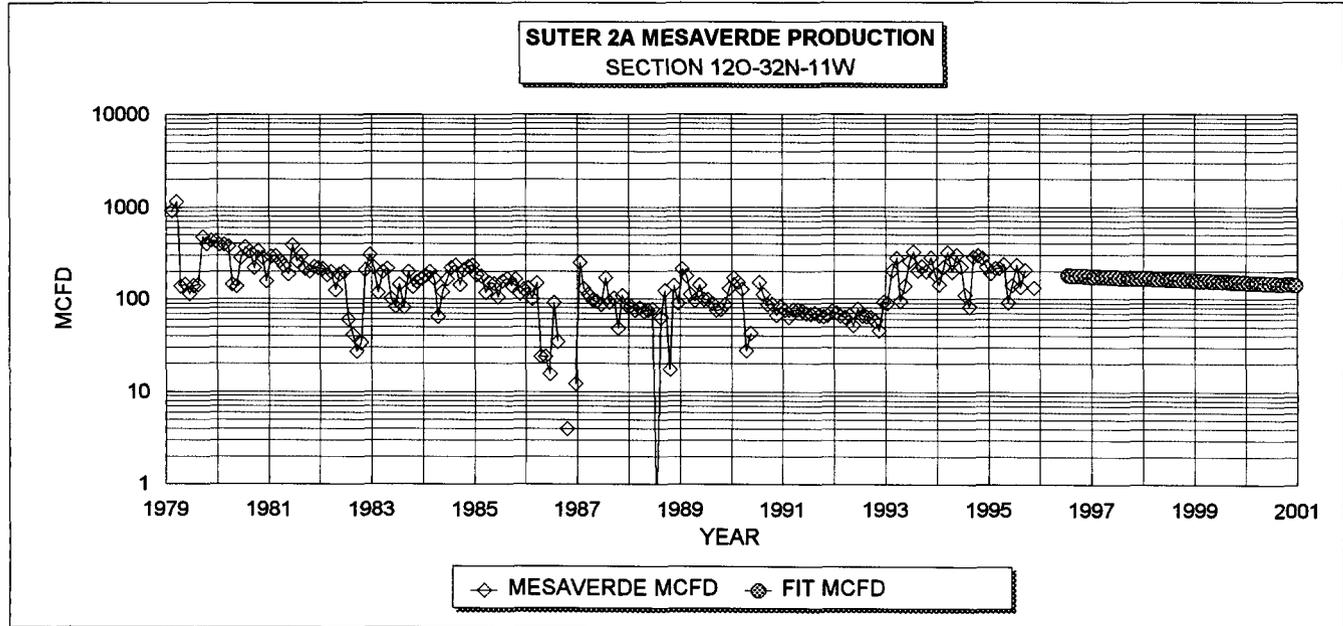


PICT. CLIFFS HISTORICAL DATA: 1ST PROD: 2/79

OIL CUM:	0.00 MBO
GAS CUM:	654.2 MMCF
OIL YIELD:	0.0000 BBL/MCF

PICTURED CLIFFS PROJECTED DATA

7/1/96 Qi:	78 MCFD
DECLINE RATE:	5.0% (EXPONENTIAL)



MESAVERDE HISTORICAL DATA 1ST PROD: 2/79

OIL CUM:	0.1 MBO
GAS CUM:	988.5 MMCF
OIL YIELD:	0.0001 BBL/MCF

MESAVERDE PROJECTED DATA

7/1/96 Qi:	180 MCFD
DECLINE RATE:	5.0% (EXPONENTIAL)

FIXED COMMINGLE ALLOCATION FACTORS:

	GAS	OIL
MESAVERDE:	70%	100%
PICTURED CLIF	30%	0%

GAS ALLOCATION BASED ON PROJECTED 1996 RATES
OIL ALLOCATION BASED ON WEIGHTED CUM OIL YIELDS

NOTE: ALL PRODUCTION DATA FROM DWIGHTS ENERGYDATA

Dwights

Lease: SUTER 00002A

Retrieval Code: 251,045,32N11W12O00MV

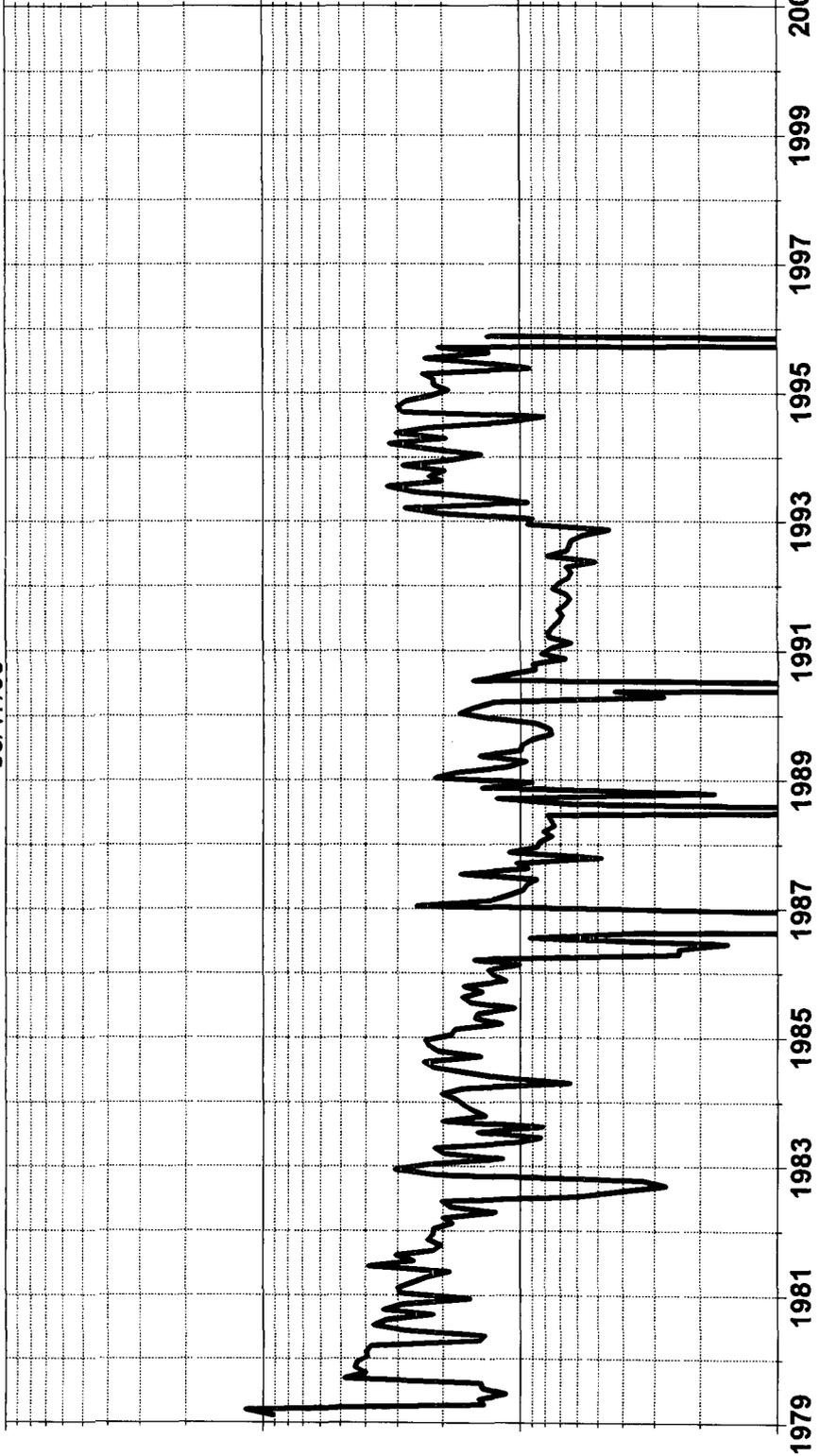
06/17/96

10³
10³
10³

10²
10²
10²

10
10

1
1



Gas (mcf/day)
Water (bbl/day)

Oil (bbl/day)
Well Count

County: SAN JUAN, NM
Field: BLANCO (MESAVARDE) MV
Reservoir: MESAVARDE
Operator: CONOCO INC
F.P. Date: 02/79
Oil Cum: 144 bbl
Gas Cum: 988.5 mmcf
Location: 12O 32N 11W

1
10

1
1

Dwights

Lease: SUTER 00002A

06/17/96

Retrieval Code: 251,045,32N11W12O00PC

10³
10³

10²
10²

10
10

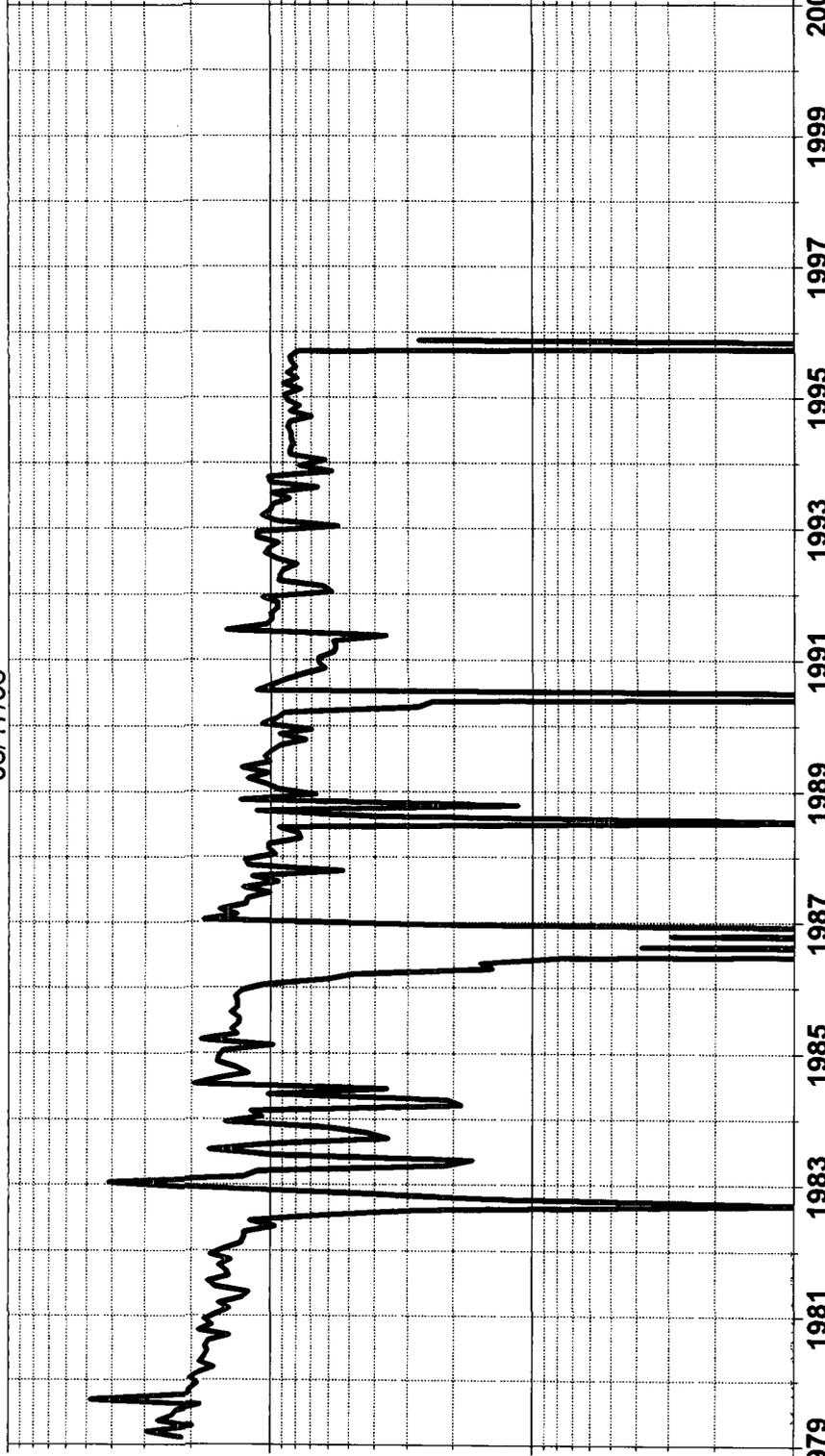
1
1

Gas (mcf/day)
Water (bbl/day)

Oil (bbl/day)
Well Count

F.P. Date: 02/79
Oil Cum: 2 bbl
Gas Cum: 654.2 mmcf
Location: 12O 32N 11W

County: SAN JUAN, NM
Field: BLANCO (PICTURED CLIFFS) PC
Reservoir: PICTURED CLIFFS
Operator: CONOCO INC



SUTER NO. 2A

OFFSET OPERATORS

