

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 87409-3899

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 S. Pacheco
Santa Fe, New Mexico 87505-6429Form C-107-A
New 3-12-96

APPROVAL PROCESS:

☒ Administrative ☐ Hearing

EXISTING WELLBORE

☒ YES ☐ NOOperator Conoco Inc. Address 10 Desta Dr. Ste 100W, Midland TX 79705Lease Suter Well No. 2A Unit Ltr. - Sec - Twp - Rge 0-12-32N-11W County San JuanOGRID NO. 005073 Property Code 003290 API NO. 30-045-22948 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	a. (Current) 683 psi	a.	a. 339 psi
Oil Zones - Artificial Lift: Gas & Oil - Flowing: All Gas Zones: Estimated Current Measured Current Estimated Or Measured Original	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	Date: Rates:	Date: Rates:	Date: Rates:
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: 1996 mid/yr Rates: 0 bopd 78 mcf/gpd, 0 bwpg	Date: Rates:	Date: 1996 mid/yr Rates: .0001 bbl/mcf 18 mcf/gpd, 0 bwpg
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 ☐ No11. 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 ☐ No13. 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.

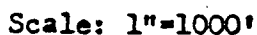
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Jerry W. Hoover TITLE Sr. Conservation Coordinator DATE 7/24/96TYPE OR PRINT NAME Jerry W. Hoover TELEPHONE NO. (915) 686-6549

All distances must be from the outer boundaries of the Section

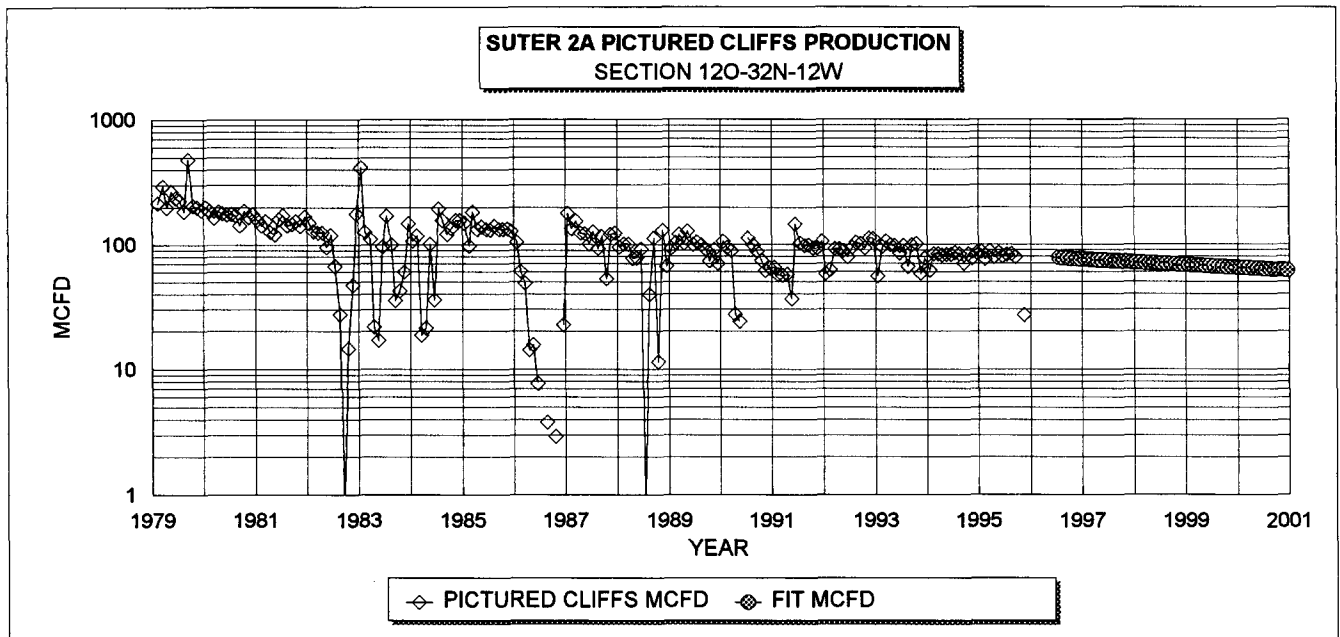
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

3950



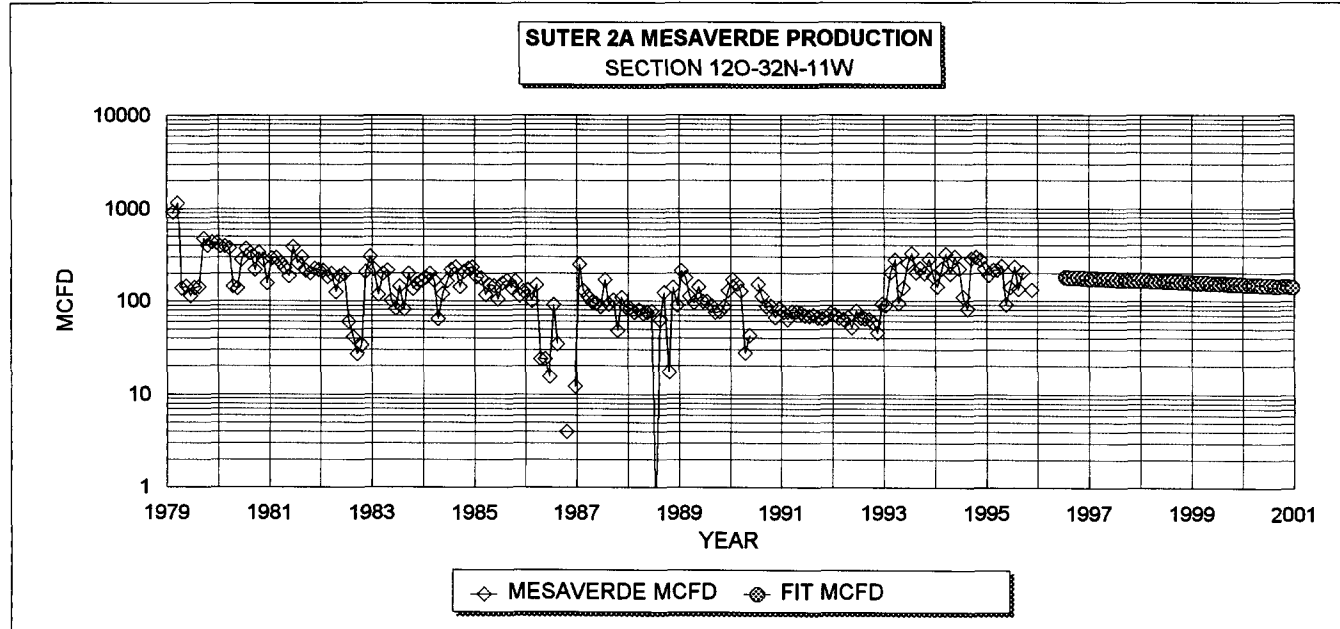
5177.7'

cc: EPNL
J. Archer



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

06/17/96

Retrieval Code: 251,045,32N11W12O00MV

10³
10⁴

10²
10³

10²
10³

10
10²

10
10

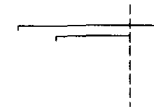
1
10

1
10¹

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

Oil (bbl/day)
Well Count

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



Dwights

Lease: SUTER 00002A

06/17/96

Retrieval Code: 251,045,32N11W12O00PC

10³
10³
10³

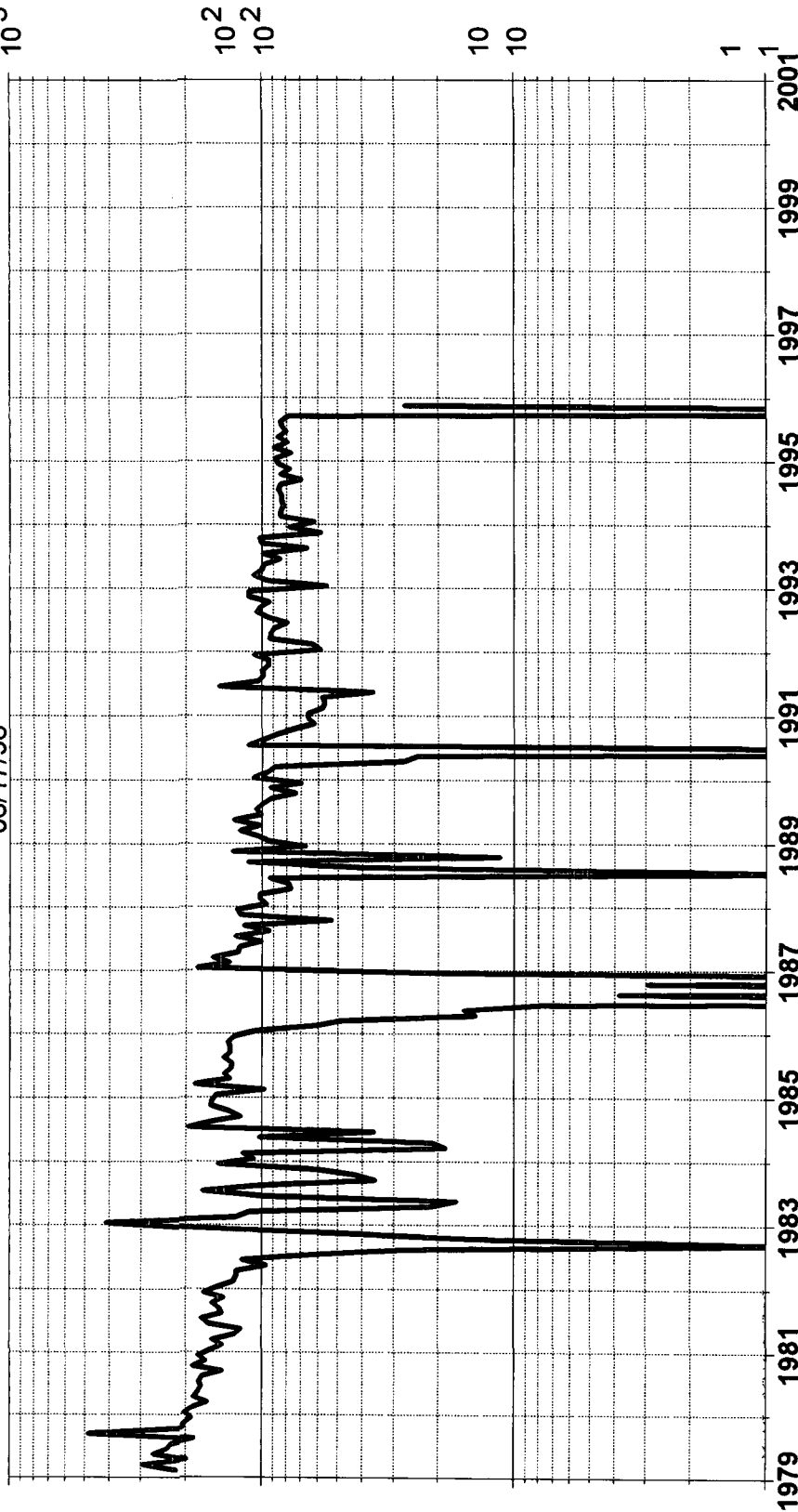
10²
10²
10²

10
10
10

1
1
1

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

Oil (bbl/day)
Well Count



County: SAN JUAN, NM
Field: BLANCO (PICTURED CLIFFS) PC
Reservoir: PICTURED CLIFFS
Operator: CONOCO INC
F.P. Date: 02/79
Oil Cum: 2 bbl
Gas Cum: 654.2 mmcf
Location: 12O 32N 11W

SUTER NO. 2A

OFFSET OPERATORS

