

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: 87410-1000

RECEIVE

AUG 16 1996

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 ☐ NO

APPLICATION FOR DOWNHOLE COMMINGLING

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

State Com AG 29 N-36-29N-10W San Juan

Lease Well No. Unit Ltr. - Sec - Twp - Rge County

OGRID NO. 005073 Property Code 003259 API NO. 30-045-12000 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 Mesaverde 72319		Basin Dakota 71599
2. Top and Bottom of Pay Section (Perforations)	3824' - 4312'		6388' - 6462'
3. Type of production (Oil or Gas)	Gas		Gas
4. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
5. Bottomhole Pressure	a. (Current) 551 psi	a.	a. 519 psi
Oil Zones - Artificial Lift: Gas & Oil - Flowing: All Gas Zones: Estimated Current Measured Current Estimated Or Measured Original	b. (Original) 1247 psi	b.	b. 2407 psi
6. Oil Gravity ($^{\circ}$ API) or Gas BTU Content	1321 BTU		1267 BTU
7. Producing or Shut-In?	Producing		Shut-in
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: 7/96 Rates: 70 mcf/gpd .6 bopd, 0 bwpd
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: 7/96 Rates: 137 mcf/gpd 9 bopd, 0 bwpd	Date: Rates:	Date: Rates:
8. Fixed Percentage Allocation Formula - % for each zone	Oil: 93 % Gas: 66 %	Oil: % Gas: %	Oil: 7 % Gas: 34 %

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.

Sr. Conservation

SIGNATURE

TITLE

Coordinator

DATE 8/15/96

TYPE OR PRINT NAME

Jerry W. Hoover

TELEPHONE NO. (

915

686-6549

District I
PO Box 1988, Hobbs, NM 88241-1988
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-10
Revised February 21, 1990
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 45-12000		2 Pool Code 72319		3 Pool Name BLANCO MESAVERDE	
4 Property Code 003259		5 Property Name STATE COM AG			6 Well Number 29
7 OGRID No. 005073		8 Operator Name CONOCO INC.			9 Elevation GL 5642

10 Surface Location

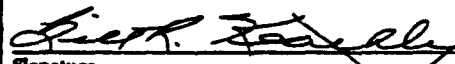
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
N	36	29N	10 W						SAN JUAN

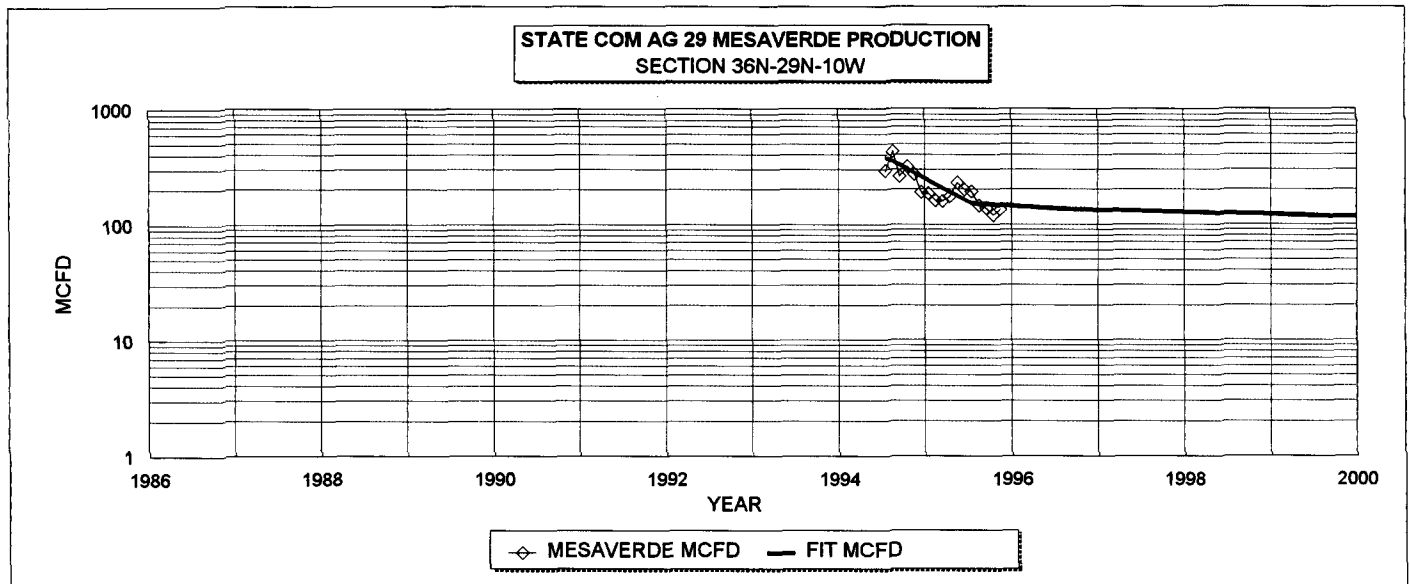
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	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 No.
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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 hereby certify that the information contained herein is true and complete to the best of my knowledge and belief  Signature BILL R. KEATHLY Printed Name SR REGULATORY SPECIALIST Title 6-1-94 Date	
18 SURVEYOR CERTIFICATION 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. Date of Survey Signature and Seal of Professional Surveyor: Certificate Number					



MESAVERDE HISTORICAL DATA: 1ST PROD: 7/84

OIL CUM: 7.18 MBO

GAS CUM: 108.5 MMCF

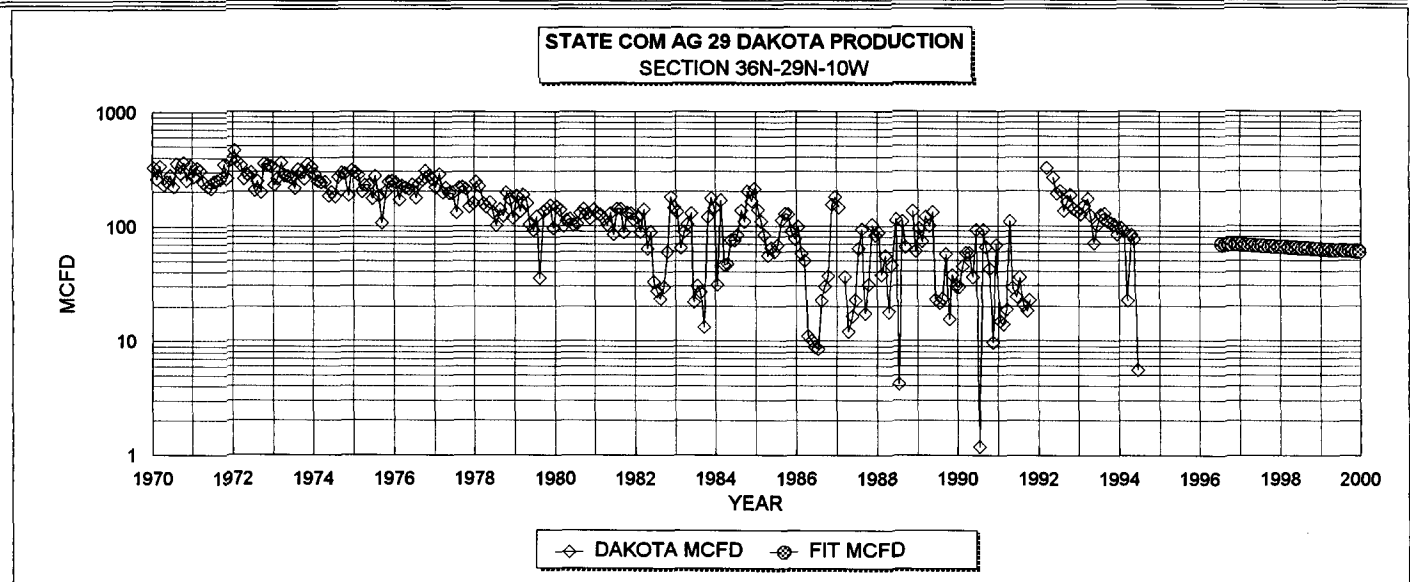
OIL YIELD: 0.0662 BBL/MCF

MESAVERDE PROJECTED DATA

7/1/96 Q1: 137 MCFD

DECLINE RATE: 10.0% THROUGH 7/96

4.5% FINAL DECLINE



DAKOTA HISTORICAL DATA 1ST PROD: 9/61

OIL CUM: 25.6 MBO

GAS CUM: 2835.7 MMCF

OIL YIELD: 0.0090 BBL/MCF

DAKOTA PROJECTED DATA

7/1/96 Q1: 70 MCFD

DECLINE RATE: 4.5% (EXPONENTIAL)

FIXED COMMINGLE ALLOCATION FACTORS:

	GAS	OIL
DAKOTA	34%	7%
MESAVERDE	66%	93%

GAS ALLOCATION BASED ON TABLE AT RIGHT

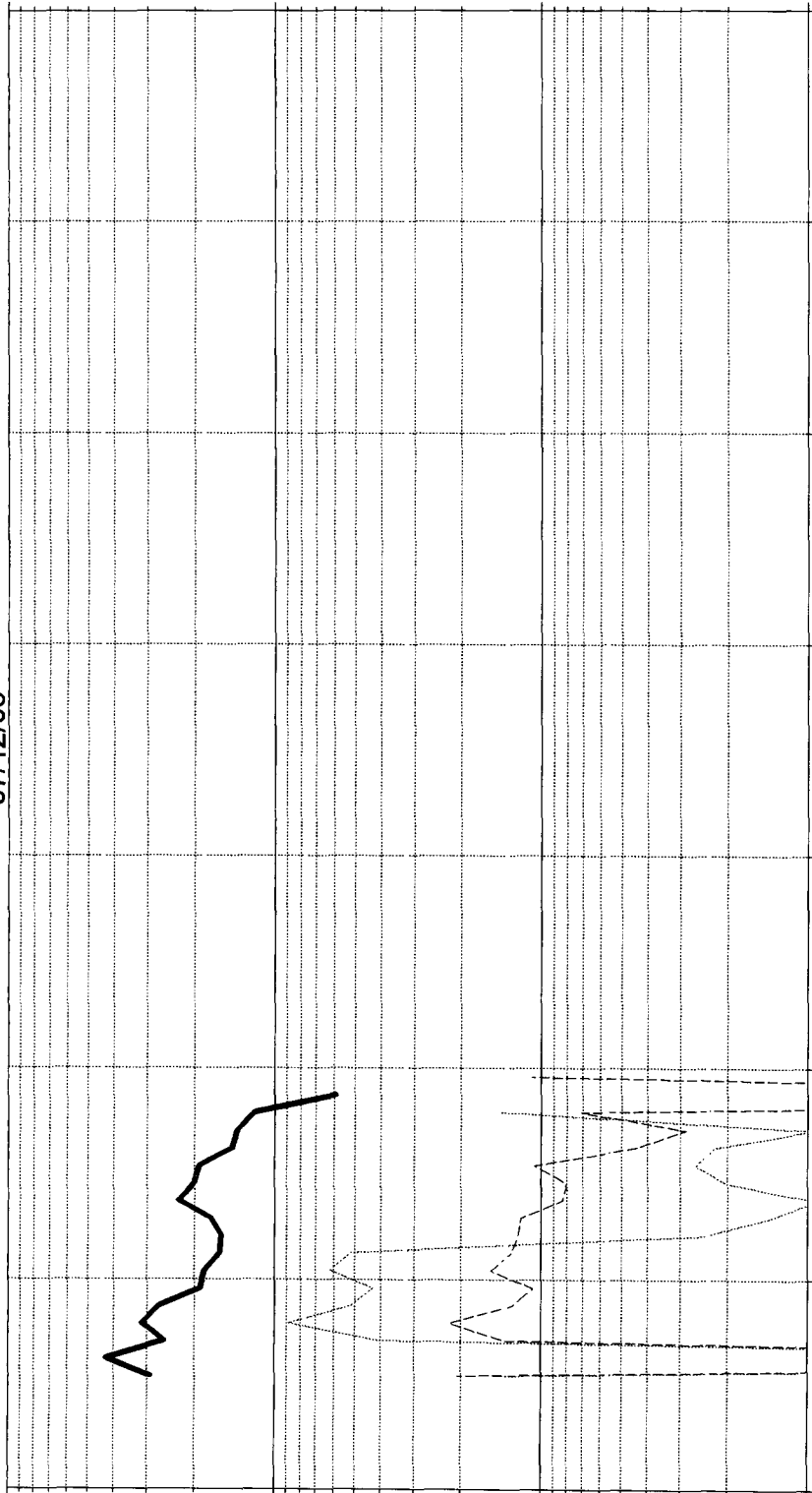
OIL ALLOCATION BASED ON WEIGHTED CUM OIL YEL

	YRLY AVG DK MCFD	YRLY AVG MV MCFD	% DAKOTA	% MV
1996	69	135	34%	66%
1997	67	131	34%	66%
1998	64	125	34%	66%
1999	61	119	34%	66%
2000	58	114	34%	66%
2001	56	109	34%	66%

NOTE: ALL PRODUCTION DATA FROM DWIGHTS ENERGYDATA

Dwights

Lease: STATE COM AG 029 Retrieval Code: 251,045,0451200072319 07/12/96



10³
10³
10²
10²
10
10
1
1

County: SAN JUAN, NM
Field: BLANCO (MESAVERDE) MV
Reservoir: MESAVERDE
Operator: CONOCO INC

F.P. Date: 07/94
Oil Cum: 5607 bbl
Gas Cum: 106.3 mmcf
Location: 36N 29N 10W

Oil (bbl/day)
Well Count

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

Dwights

Lease: STATE COM AG 000029

Retrieval Code: 251,045,29N10W36N00DK

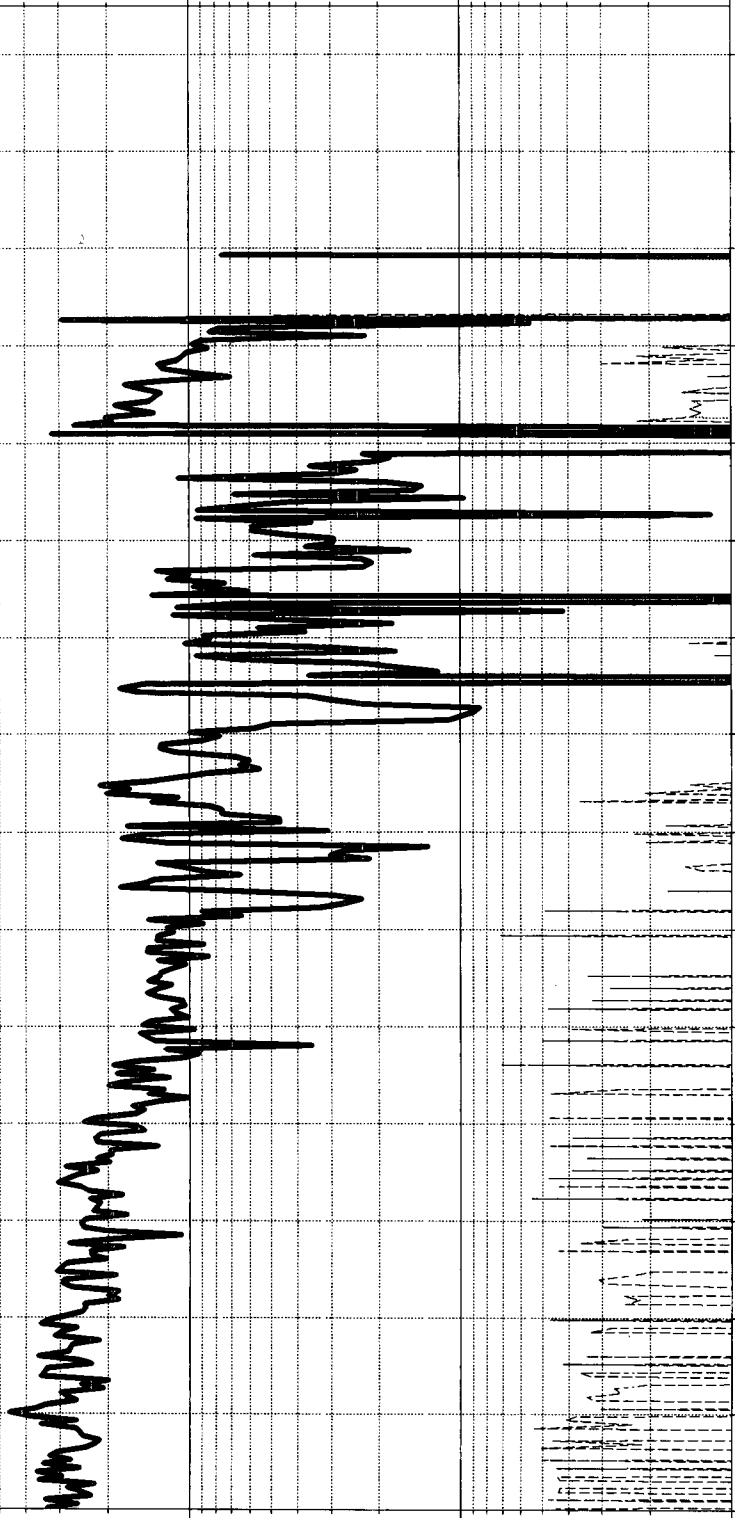
07/12/96

10³
10³
10³

10²
10²
10²

10
10
10

1
1
1



Oil (bbl/day)
Well Count

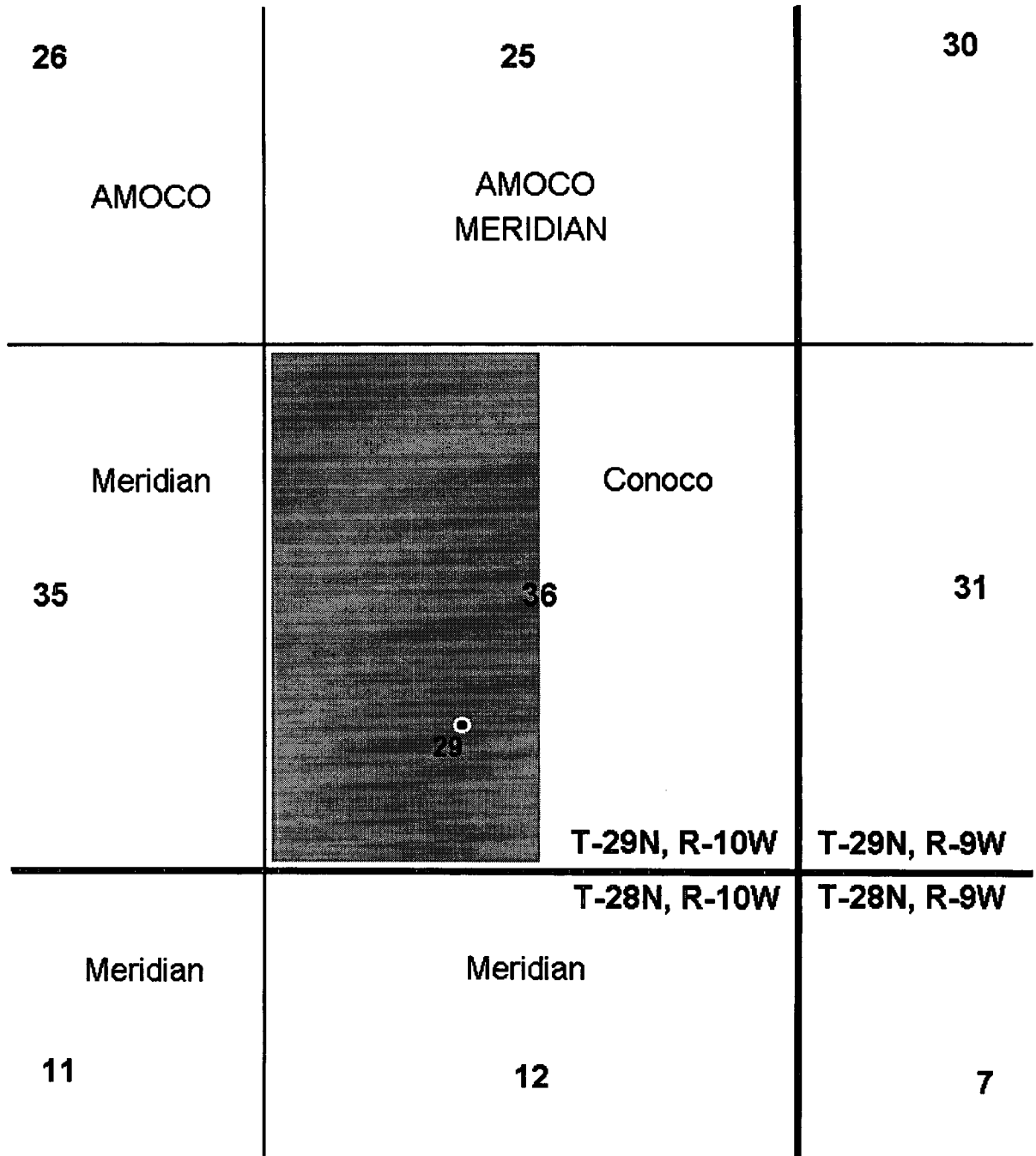
F.P. Date: 09/61
Oil Cum: 27.80 mbbl
Gas Cum: 2847 mmcf
Location: 36N 29N 10W

County: SAN JUAN, NM
Field: BASIN (DAKOTA) DK
Reservoir: DAKOTA
Operator: CONOCO INC

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

STATE COM "AG" #29

OFFSET OPERATORS



Township XXN --- Range XW