

DISTRICT I

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

DISTRICT II

811 S. First St., Artesia, NM 88210-2835

DISTRICT III

1000 Rio Brazos Rd, Aztec, NM 87410-1693

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 S. Pacheco
Santa Fe, New Mexico 875054-6429

APPLICATION FOR DOWNHOLE COMMINGLING

Form C-107-A
New 3-12-96

APPROVAL PROCESS:

☒ Administrative ☐ Hearing

EXISTING WELLBORE

☒ YES ☐ NO

Cross Timbers Operating Company

Operator

2700 Farmington Ave., Bldg. K. Ste 1 Farmington, NM 87401

Address

Stanolind Gas Com D

#1

Well No.

J

17

32

12

San Juan

County

OGRID NO.

Property Code

API NO. 30-045-23779

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 Mesa Verde 72319		McDemott Gallup 81050
2. Top and Bottom of Pay Section (Perforations)	3847' 4168'		5314' 5593'
3. Type of production (Oil or Gas)	Gas		Gas
4. Method of Production (Flowing or Artificial Lift)	Pumping		SI
5. Bottomhole Pressure	a. (Current) 185 psig cal		a. 273 psig cal
Oil Zones - Artificial Lift: Gas & Oil - Flowing: All Gas Zones: Estimated Current Measured Current Estimated Or Measured Original	b. (Original) 1048 psig cal	b.	b. 1212 psig cal
6. Oil Gravity (^o API) or Gas BTU Content)	1208		1232
7. Producing or Shut-In?	Producing		SI
Production Marginal? (yes or no)	NO		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	Date: Rates:	Date: Rates:	Date: Rates:
* If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Date: 2-1/28/98 Rates: 139 MCFPD	Date: Rates:	Date: 1991 Rates: 5
8. Fixed Percentage Allocation Formula - % for each zone	Oil: 50 % Gas: 96.5 %	Oil: % Gas: %	Oil: 50 % Gas: 3.5 %

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OIL CON. DIV.
DIST. 3

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?
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 in 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 Loren W. Fathergill TITLE Production Engineer DATE 4-12-99TYPE OR PRINT NAME _____ TELEPHONE NO. (505) 324 1090

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 S. 1st Street, Artesia, NM 88210-2834
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised October 18, 1994
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 30-045-23779	² Pool Code 81050 / 71599	³ Pool Name McDermott Gallup & Basin Dakota
⁴ Property Code	⁵ Property Name Stanolind Gas Com D	⁶ Well Number 1
⁷ OGRID No.	⁸ Operator Name Cross Timbers Operating Company	⁹ Elevation 6,023' GL

¹⁰ Surface Location

UL or lot no. J	Section 17	Township 32 N	Range 12 W	Lot. Idn	Feet from the 1,820'	North/South Line South	Feet from the 1,590'	East/West line East	County San Juan
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
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¹² Dedicated Acres 160 / 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

				¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <u>Loren W. Fothergill</u> Signature Loren W. Fothergill Printed Name Operations Engineer Title April 12, 1999 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. <u>7/20/81</u> Date of Survey Signature and Seal of Professional Surveyer: <u>Original signed by Fred B Kerr, Jr.</u> <u>3950</u> Certificate Number				

Cross Timbers Oil Company

STANOLIND GAS COM D 1
CROSS TIMBERS (INA)
BLANCO (MESAVERDE)
SAN JUAN, NEW MEXICO
17J 32N 12W
RWI
SAN JUAN
70986

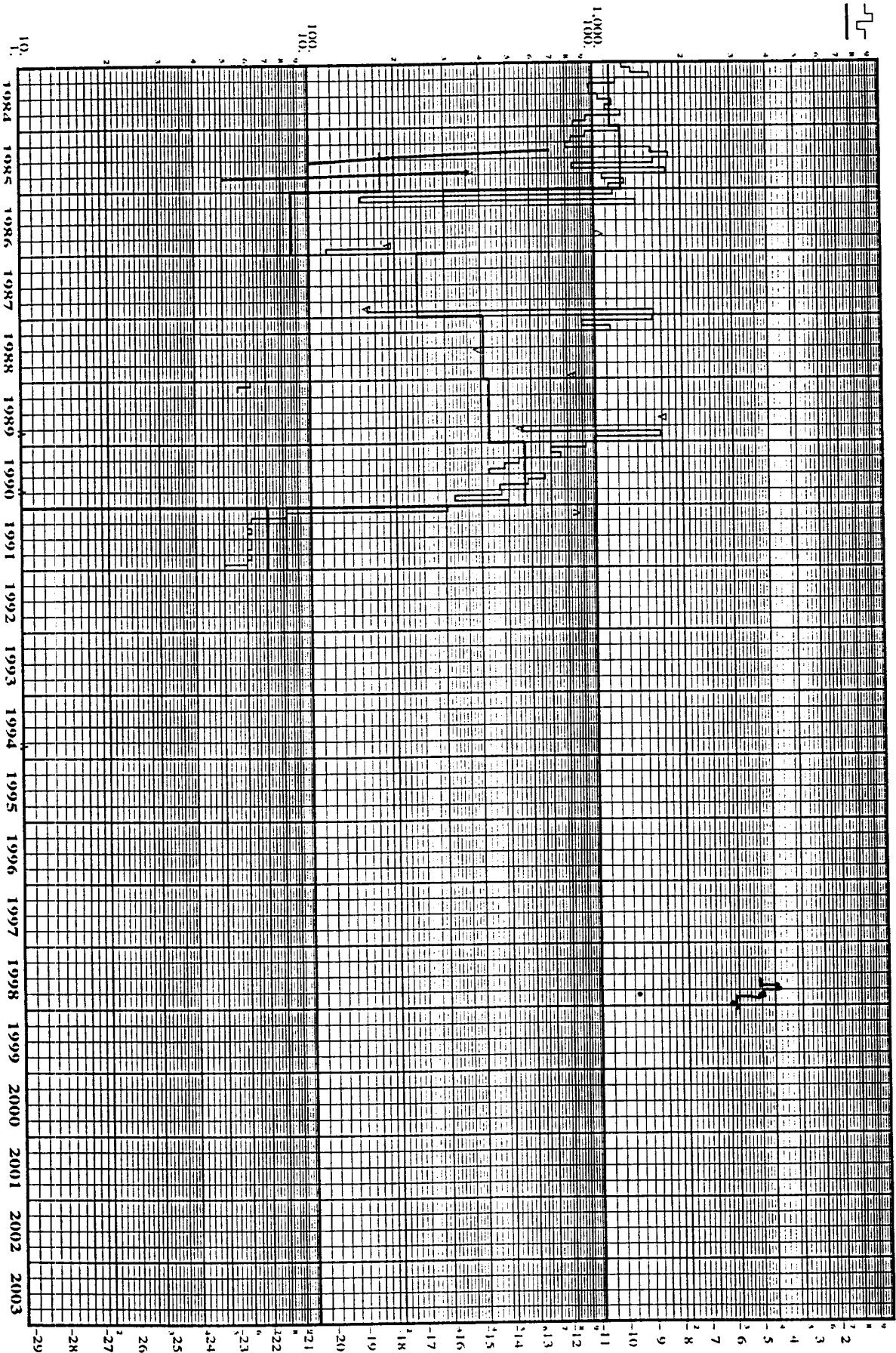
M & L - FORECAST

LWF: JOD JKW

Oil (bbls/mo)	Gas (mcf/mo)	Oil (bbls)	Gas (mcf)	Res. Cal. Life As-of-Date Scrap life 0 Prod 0 Owner 0 Other	PDP (MM)
0	0	692	72,122		
0	0	0	0		
0	0	692	72,122		
Decline	0.0 %	0.0 %	0		
Gross Cum @ **				CTOC	
Gross Remaining				CTOC	
Gross Ultimate				CTOC	
Net Remaining				CTOC	

Run Date :
Run Time :

GAS (mcf/mo) ▽
OIL (bbls/mo) Δ



Cross Timbers Oil Company

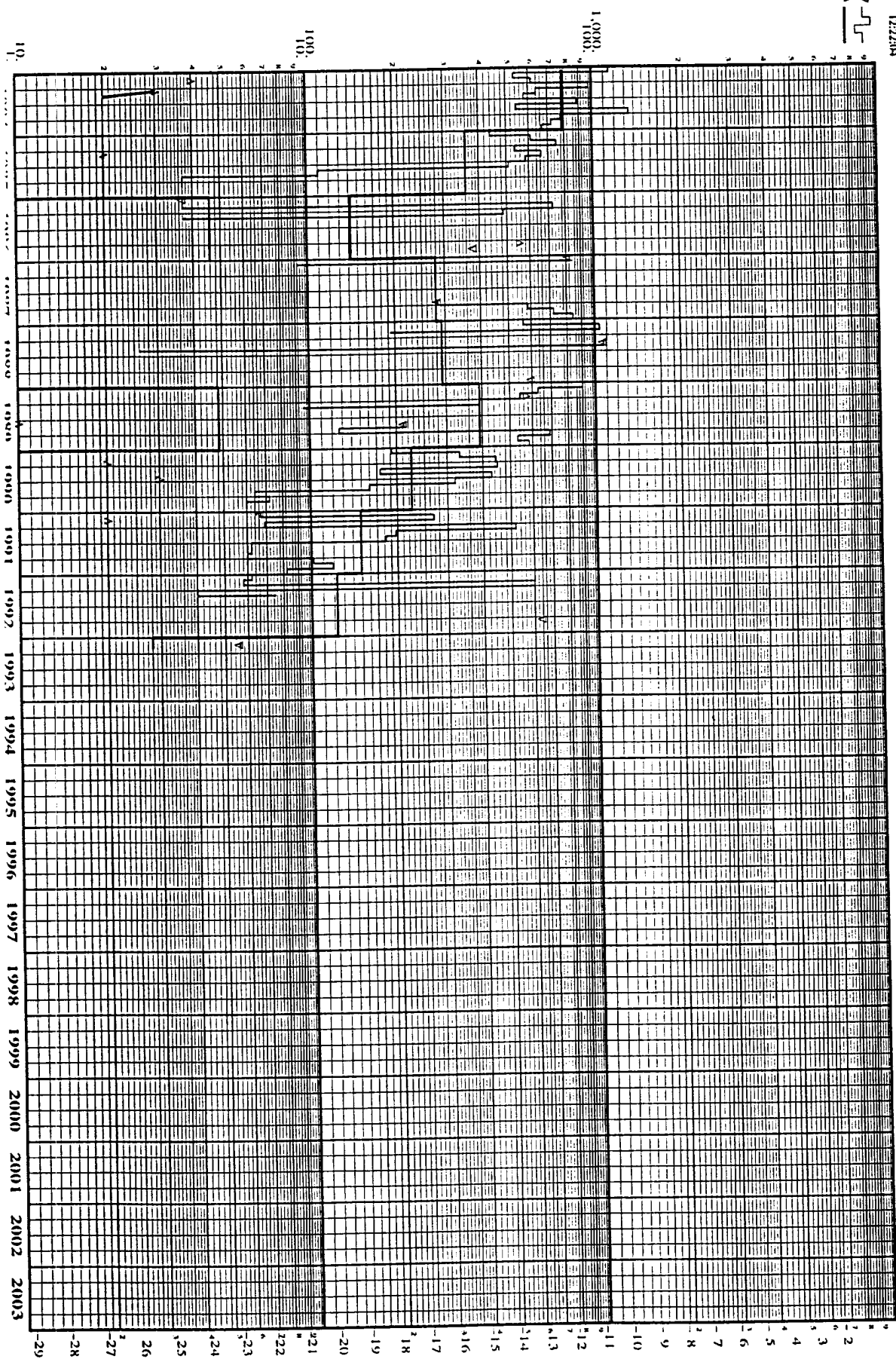
STANOLIND GAS COM D 1
 CROSS TIMBERS (INA)
 MCDERMOTT (GALLUP)
 SAN JUAN, NEW MEXICO
 17J 32N 12W
 RWT
 CO
 523779
 SAN JUAN
 70985

M & L - 1/98 FORECAST LWF JOD JKW

Oil (bbls/mo)	Gas (mcf/mo)	Oil (bbls)	Gas (mcf)	Res. Cat.	PDP
0	0	200	72,462	Life	0.0K3
0	0	0	0	As-of-Date	1/98
0.0 %	0.0 %	0	72,462	Setup file	CTSEC98
				Q. Final	DEFAULT
				Q. Owner	CTOC
				Q. Other	CTOC
Gross Cum @ 12/97					
Gross Remaining					
Gross Ultimate					
Net Remaining					

Run Date : 03/19/98
 Run Time: 12:22:04

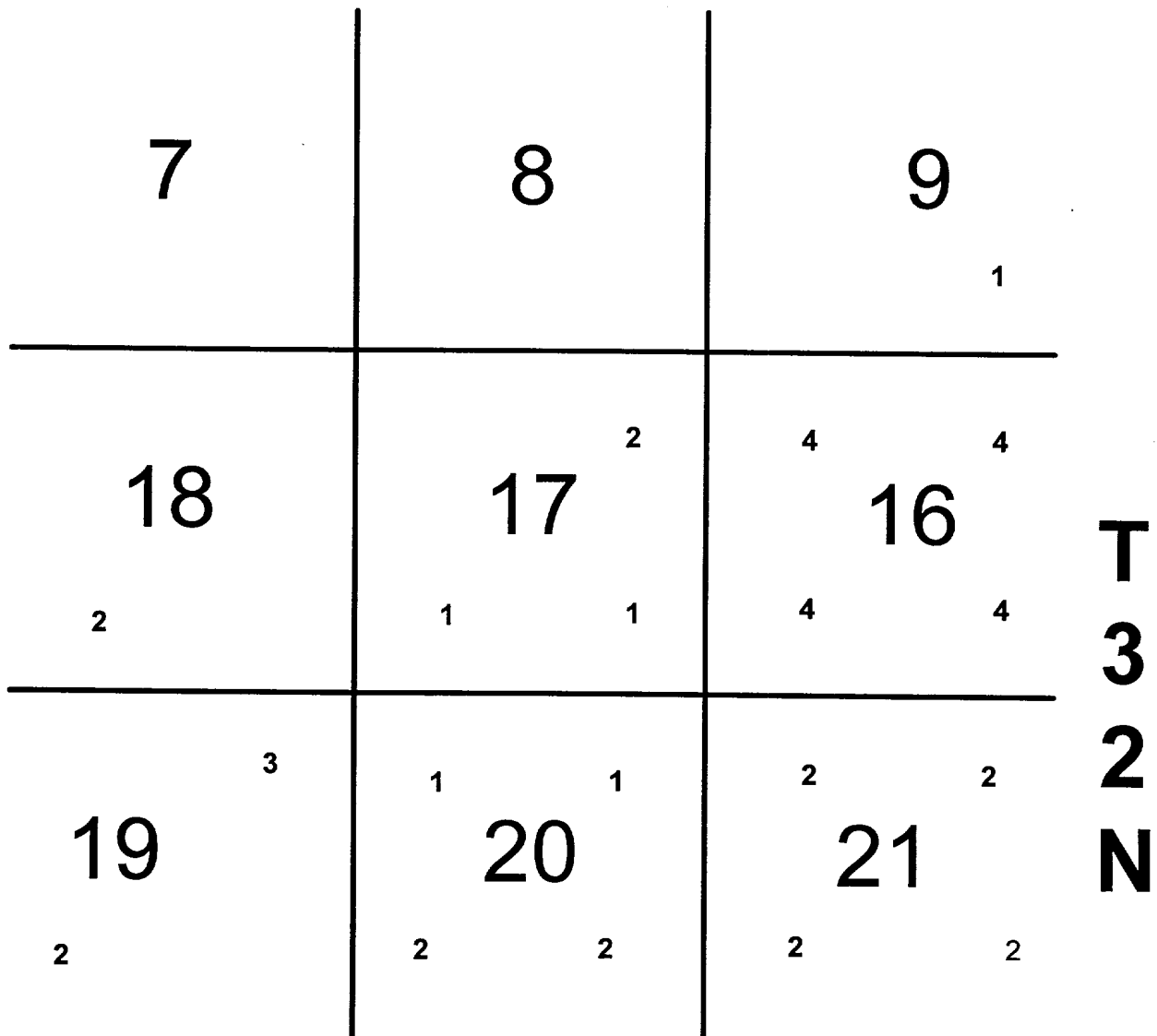
GAS (mcf/mo)
 OIL (bbls/mo)



OFFSET OPERATORS / OWNERS
DOWNHOLE COMMINGLEING
STANOLIND GAS COM D #1
S/2 SECTION 17, T 32N, R 12 W
SAN JUAN COUNTY, NEW MEXICO

- 1 Cross Timbers Operating Company
- 2 Dugan Production Corporation
P.O. Box 420
Farmington, New Mexico 87499
- 3 Burlington Resources Oil & Gas company
P.O. Box 4289
Farmington, New Mexico 87499
- 4 Energen Resources
2198 Bloomfield Hwy.
Farmington, New Mexico 87401

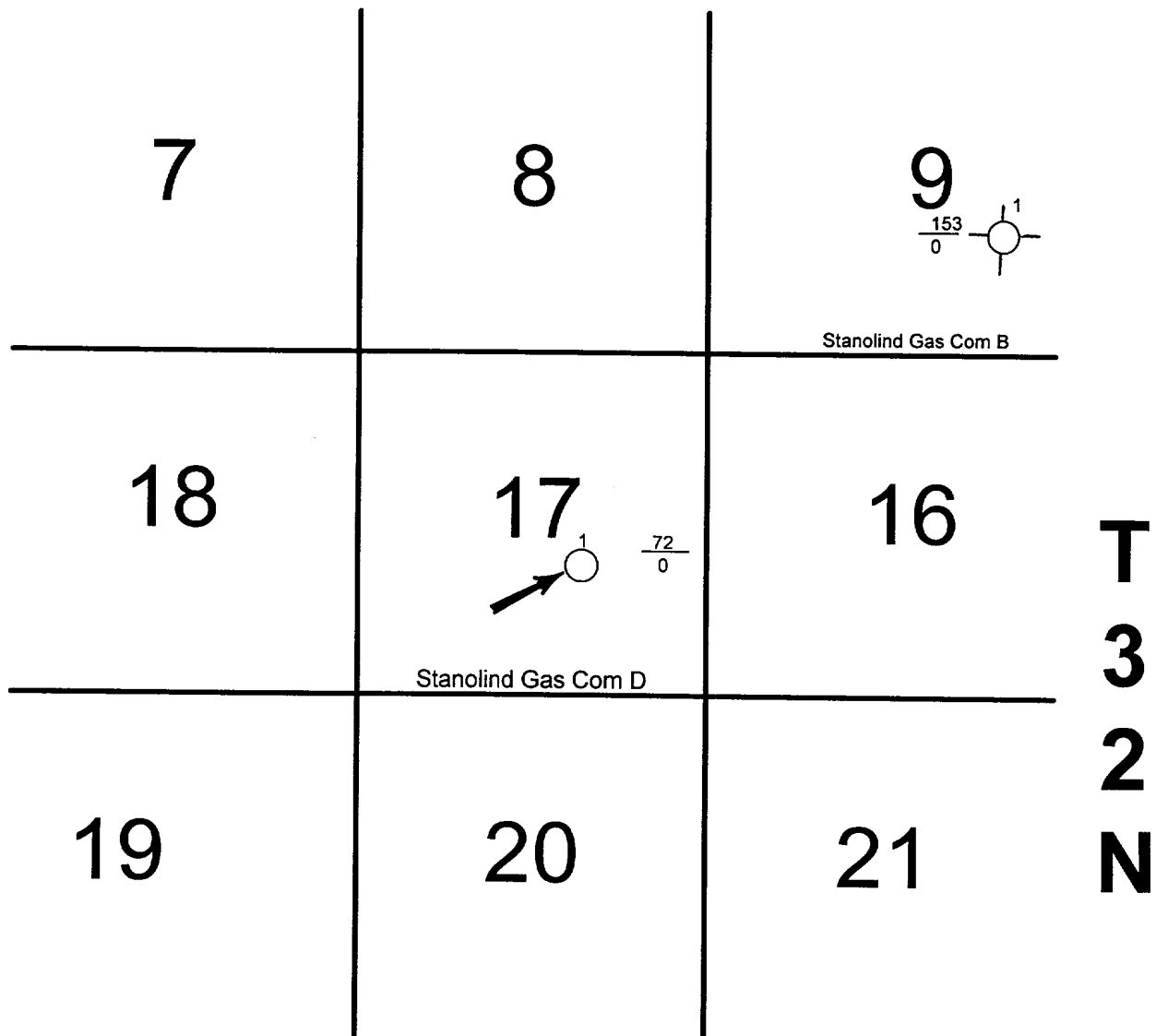
STANOLIND GAS COM D #1
SEC 20, T 32 N, R 12 W
OFFSET OPERATORS



R 12 W

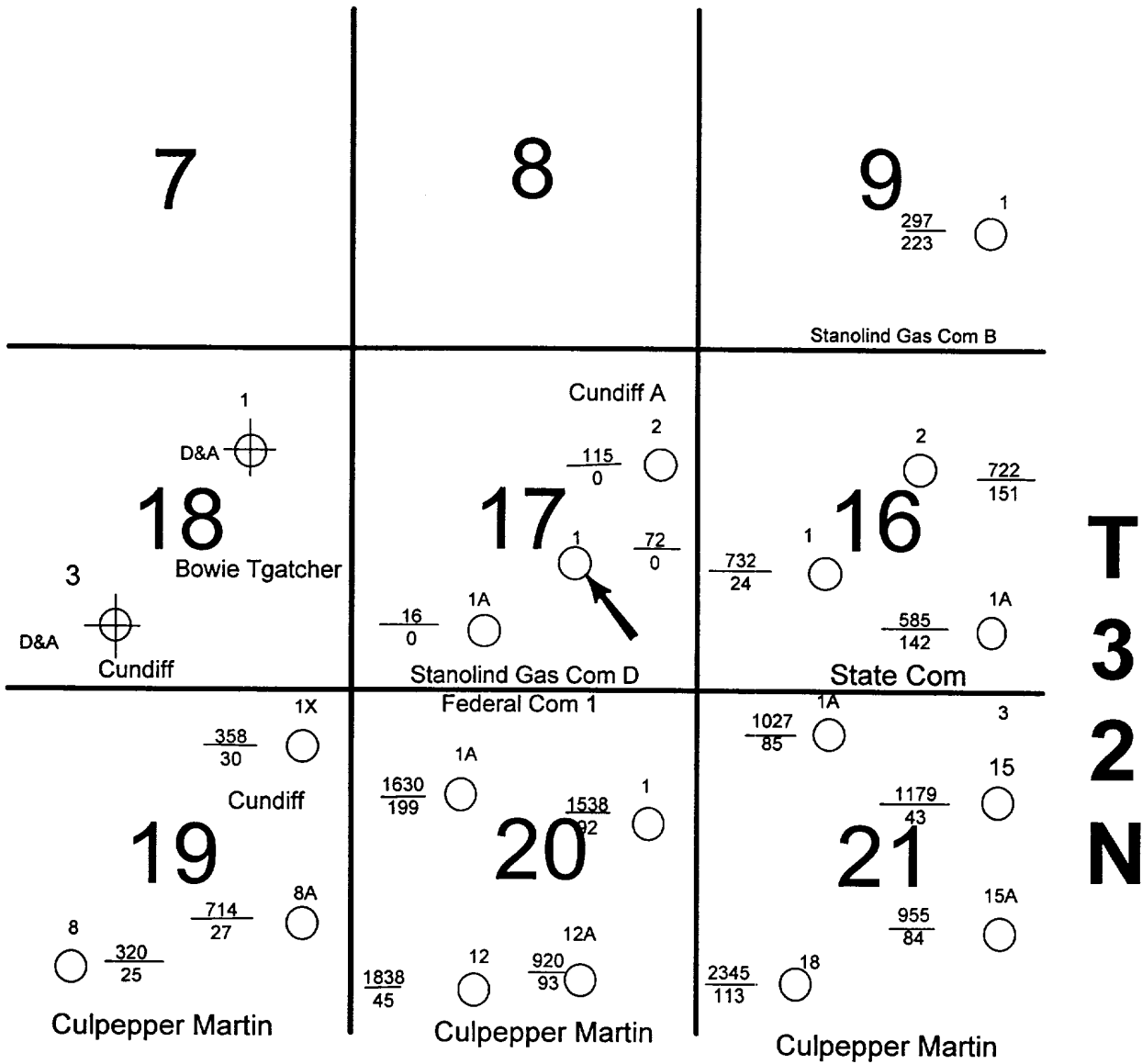
STANOLIND GAS COM D #1
SEC 20, T 32 N, R 12 W
GALLUP

CUM MMCF
MCFPD



STANOLIND GAS COM D #1
SEC 20, T 32 N, R 12 W
MESA VERDE

CUM MMCF
MCFPD



R 12 W