

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 875054-6429Form C-107-A
New 3-12-96

APPROVAL PROCESS:

☒ Administrative ☐ Hearing

EXISTING WELLBORE

☒ YES ☐ NO

APPLICATION FOR DOWNHOLE COMMINGLING

ENERGEN RESOURCES CORPORATION 2198 Bloomfield Highway, NM 87401
Operator AddressJicarilla West 7 M Sec. 8 T26N R5W Rio Arriba, NM
Lease Well No. Unit Ltr. - Sec - Twp - Rge CountyOGRID NO. 162928 Property Code 21958 AP# NO. 30-039-06564
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 MV 72319		Basin DK 71599
2. Top and Bottom of Pay Section (Perforations)	4944 - 5494		7441 - 7670
3. Type of production (Oil or Gas)	Gas		Gas
4. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
5. Bottomhole Pressure	a. (Current) 719 Calc	a. RECEIVED JUN 17 1999 OIL CON. DIV. DIST. 3	a. 917 Calc
Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated Or Measured Original	b. (Original) 1341 Calc	b.	b. 2872 Calc
6. Oil Gravity (^o API) or Gas BTU Content)	1212 BTU		1159 BTU
7. Producing or Shut-In?	Producing		Shut In
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: 10/94 Rates: 1/21/0
* If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Date: 6/7/99 Rates: 1/126/.2	Date: Rates:	Date: Rates:
8. Fixed Percentage Allocation Formula - % for each zone	Oil: 50 % Gas: 86 %	Oil: % Gas: %	Oil: 50 % Gas: 14 %

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 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. NMOC 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 Gary W. Brink TITLE Prod. Superintendent DATE 6/16/99TYPE OR PRINT NAME Gary W. Brink TELEPHONE NO. (505) 325-6800

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

Form C-102
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

☒ AMENDED REPORT

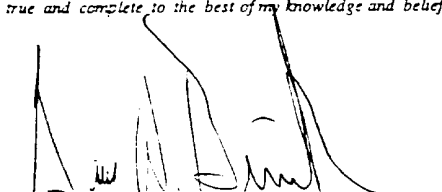
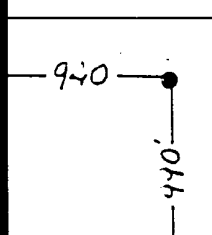
WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-06564	² Pool Code 72319/71599	³ Pool Name Blanco MV/Basin DK
⁴ Property Code 21958	⁵ Property Name Jicarilla West	⁶ Well Number 7
⁷ OGRID No. 162928	⁸ Operator Name ENERGEN RESOURCES CORPORATION	⁹ Elevation 6680'

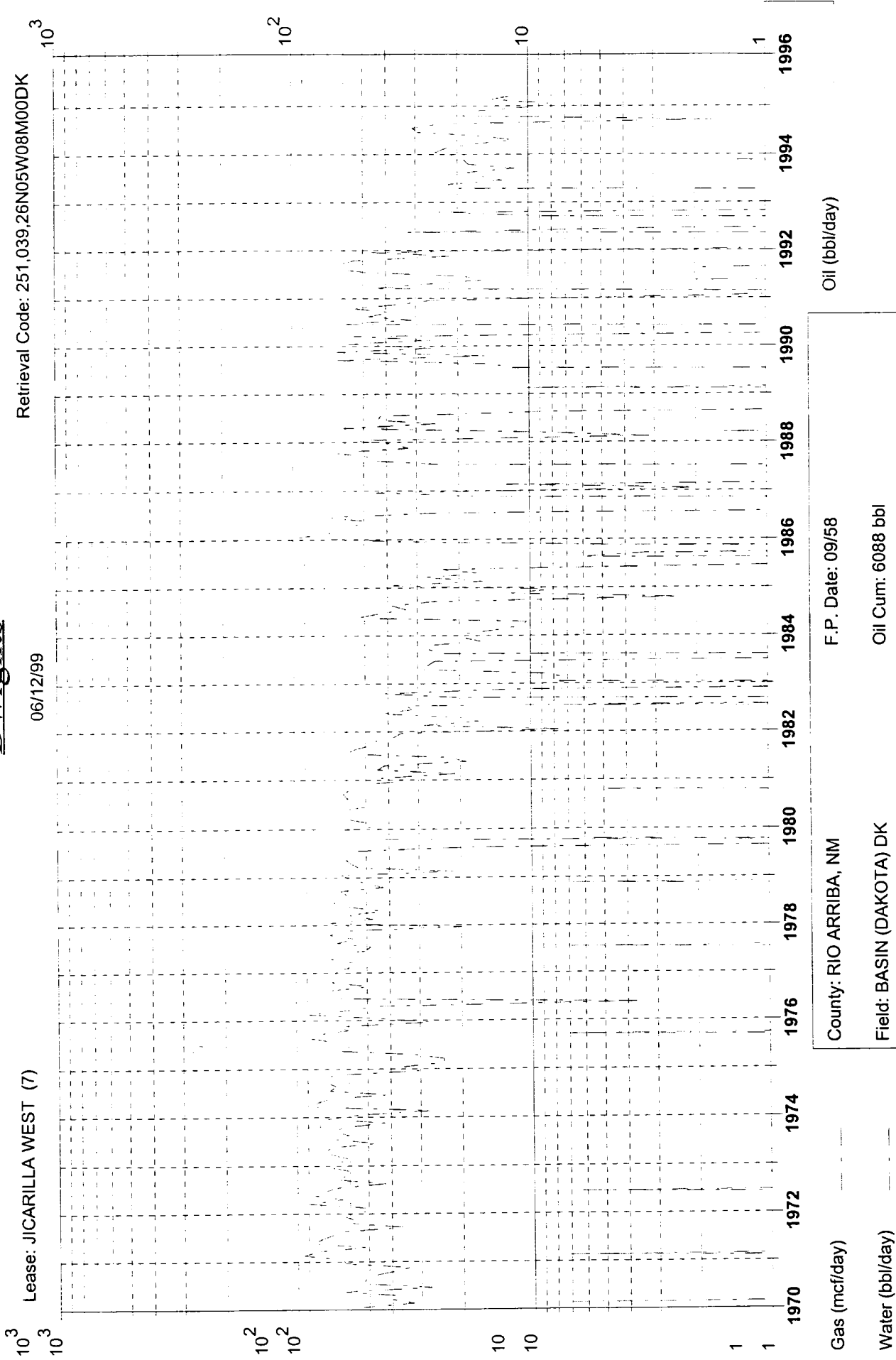
¹⁰ Surface Location									
UL or lot no. M	Section 8	Township 26N	Range 5W	Lot. Idn	Feet from the 990'	North/South Line South	Feet from the 940'	East West line West	County Rio Arriba

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
¹² Dedicated Acres 320/320									
¹³ Joint or Infill									
¹⁴ Consolidation Code									
¹⁵ Order No.									

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

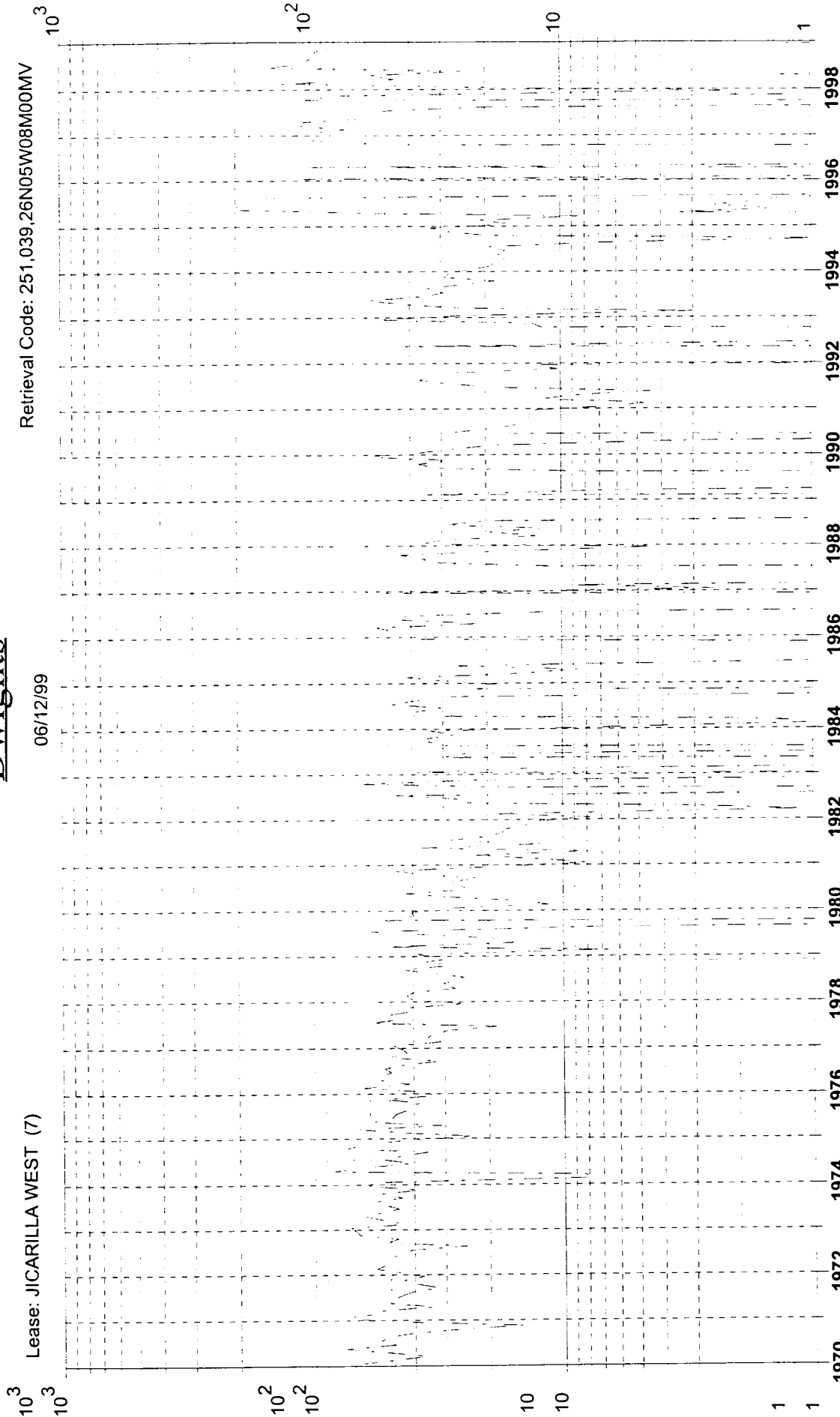
<div>RECEIVED JUN 17 1999 OIL CON. DIV. DIST. 3</div>				¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Printed Name Gary W. Brink Title Production Superintendent Date 6/16/99
				¹⁸ SURVEYOR CERTIFICATION <i>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.</i> February 7, 1958 Date of Survey Signature and Seal of Professional Surveyer: Reissue of Original Survey By Ernest EchoHawk Certificate Number
				

Dwights



County: RIO ARRIBA, NM	F.P. Date: 09/58
Field: BASIN (DAKOTA) DK	Oil Cum: 6088 bbl
Reservoir: DAKOTA	Gas Cum: 670.9 mmcf
Operator: ENERGEN RESOURCES	Location: 8M 26N 5W

Dwights

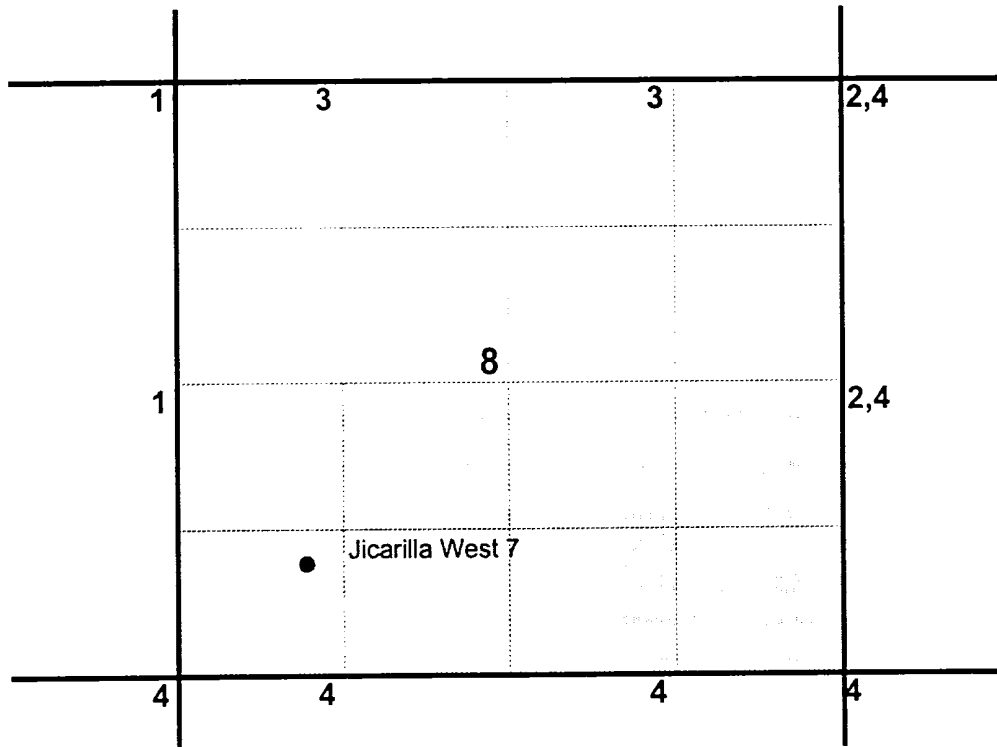


County: RIO ARRIBA, NM	F.P. Date: 09/58
Field: BLANCO (MESAVERDE) MV	Oil Cum: 1482 bbl
Reservoir: MESAVERDE	Gas Cum: 661.2 mmcf
Operator ENERGEN RESOURCES	Location: 8M 26N 5W

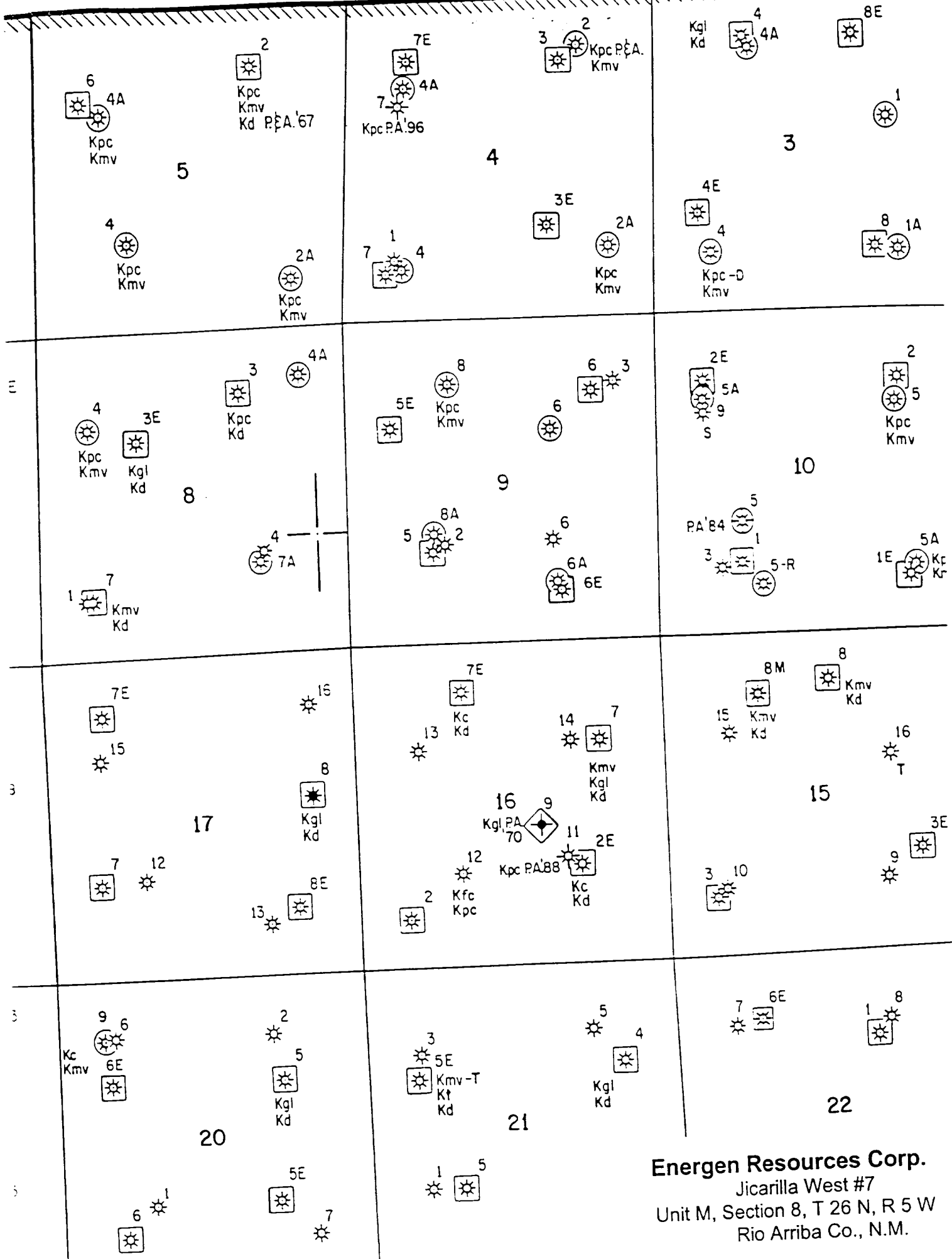
Energen Resources Corp.

Jicarilla West 7
Offset Operator / Ownership Plat
Blanco Mesa Verde/ Basin Dakota
Downhole Commingling

Township 26 N, Range 5 W



- 1) Energen Resources
- 2) Burlington Resources
P.O. Box 4289
Farmington, N.M. 87499
- 3) Graystone Energy Inc.
5802 Highway 64
Farmington, N.M. 87401
- 4) Amoco Production Co.
200 Amoco Ct.
Farmington, N.M. 87401



Energen Resources Corp.
 Jicarilla West #7
 Unit M, Section 8, T 26 N, R 5 W
 Rio Arriba Co., N.M.