

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, Farmington, NM 87401

Operator

Address

Jicarilla 119N

7

A

Sec. 8

T26N

R4W

Rio Arriba

Lease

Well No.

Unit Ltr. - Sec - Twp - Rge

County

OGRID NO. 162928

Property Code 21944

API NO. 30-039-06608

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	Tapacito PC 85920		Blanco MV 72319
2. Top and Bottom of Pay Section (Perforations)	3884 - 3916'		5548 - 6168'
3. Type of production (Oil or Gas)	Gas		Gas
4. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
5. Bottomhole Pressure	a. (Current) 256 Calc.	a.	a. 512 Calc.
Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated Or Measured Original	b. (Original) 1289 Calc.	b.	b. 1361 Calc.
6. Oil Gravity (^o API) or Gas BTU Content)	1211 BTU		1225 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	Date: Rates:	Date: Rates:	Date: Rates:
* If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Date: 4/5/99 Rates: 0/45/.4	Date: Rates:	Date: 4/7/99 Rates: .2/60/.2
8. Fixed Percentage Allocation Formula - % for each zone	Oil: 0% Gas: 43%	Oil: % Gas: %	Oil: 100% Gas: 57%

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. 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 Gary W. Brink TITLE Prod. Superintendent DATE 4/13/99TYPE OR PRINT NAME Gary W. Brink TELEPHONE NO. (505) 325-6800

District I

Energy, Minerals & Natural Resources Department

Revised October 18, 1994

PO Box 1980, Hobbs, NM 88241-1980

Instructions on back

District II

OIL CONSERVATION DIVISION

Submit to Appropriate District Office

811 S. 1st Street, Artesia, NM 88210-2834

2040 South Pacheco

State Lease - 4 Copies

District III

Santa Fe, NM 87505

Fee Lease - 3 Copies

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

☒ AMENDED REPORT

2040 South Pacheco, Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-06608	² Pool Code 85920/72319	³ Pool Name Tapacito PC/Blanco MV
⁴ Property Code 21944	⁵ Property Name Jicarilla 119N	⁶ Well Number 7
⁷ OGRID No. 162928	⁸ Operator Name ENERGEN RESOURCES CORPORATION	⁹ Elevation 7163' G1

¹⁰ Surface Location

UL or lot no. A	Section 8	Township 26N	Range 4W	Lot. Idn	Feet from the 1190	North/South Line N	Feet from the 1190	East/West line E	County Rio Arriba
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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

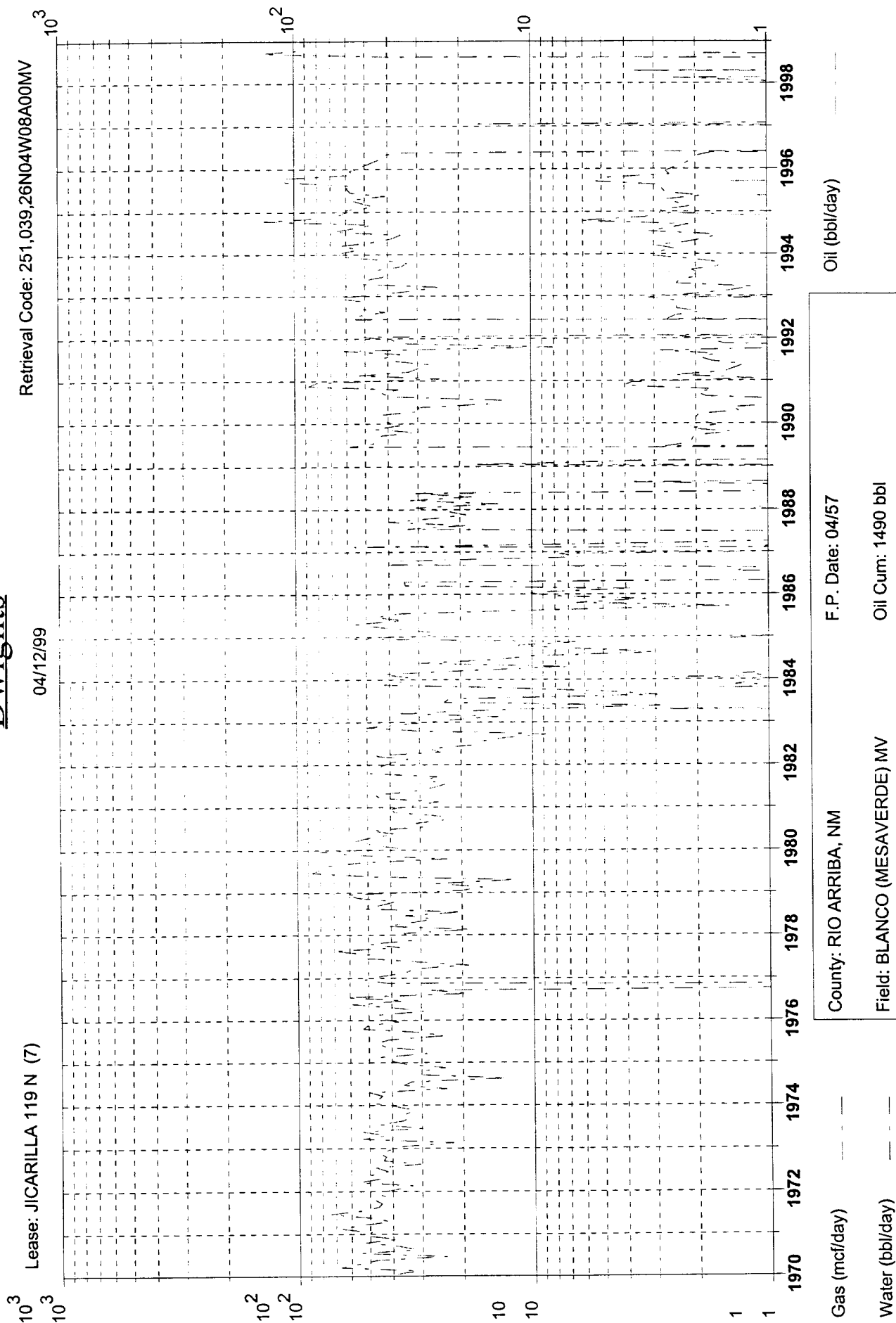
			17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.
			Signature Gary W. Brink Printed Name Production Superintendent Title Date 4/13/99
			18 SURVEYOR CERTIFICATION I hereby certify that the well location shown 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 6/14/56 Signature and Seal of Professional Surveyer: Reissue of Original Survey By Ernest V. EchoHawk Certificate Number	

Dwights

Lease: JICARILLA 119 N (7)

04/12/99

Retrieval Code: 251,039,26N04W08A00MV



Gas (mcf/day)

Water (bbl/day)

Oil (bbl/day)

F.P. Date: 04/57

Oil Cum: 1490 bbl

Gas Cum: 619.3 mmcf

Location: 8A 26N 4W

County: RIO ARRIBA, NM

Field: BLANCO (MESAVERDE) MV

Reservoir: MESAVERDE

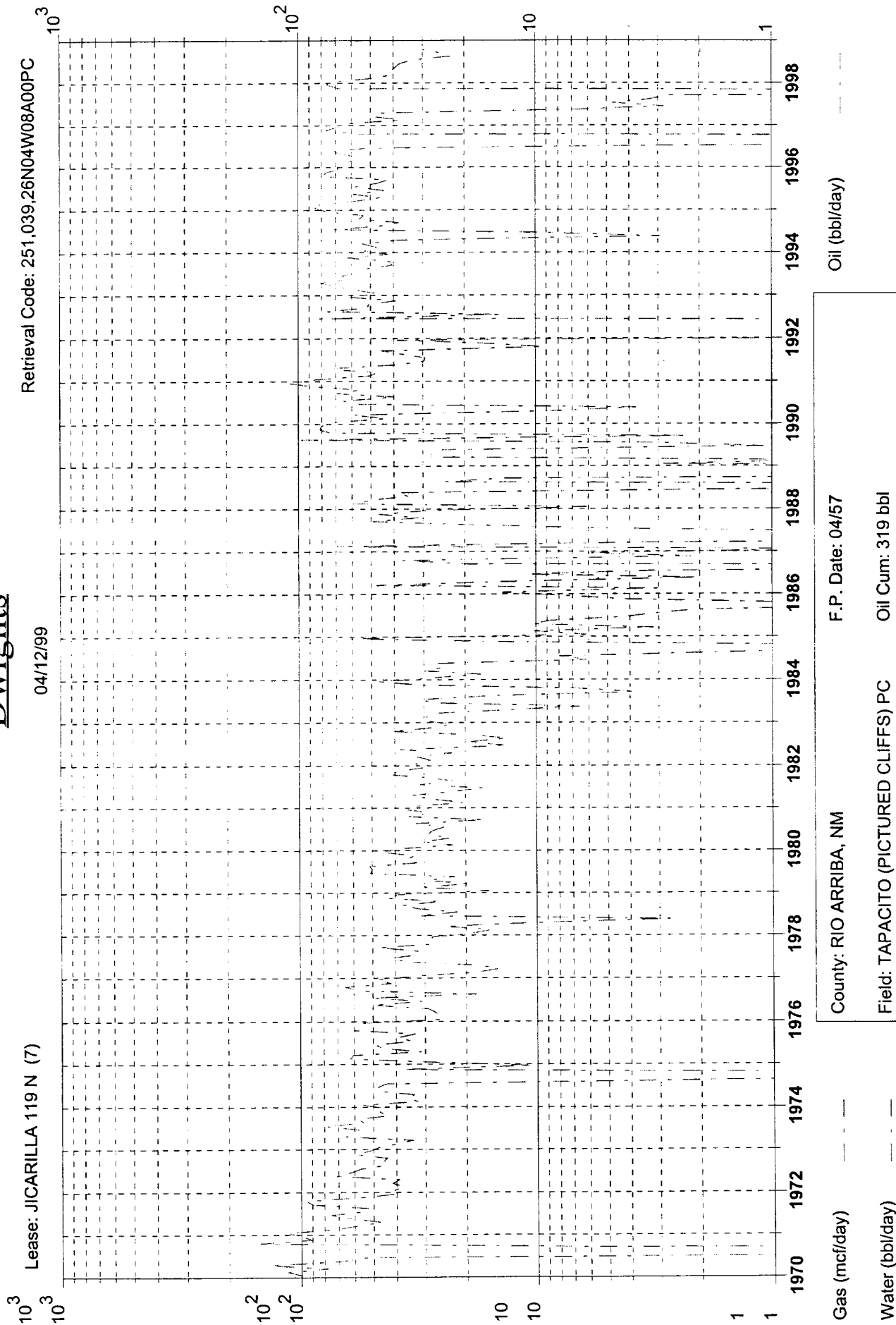
Operator: ENERGEN RESOURCES

Dwights

Lease: JICARILLA 119 N (7)

04/12/99

Retrieval Code: 251,039,26N04W08A00PC



Gas (mcf/day)

Water (bbl/day)

Oil (bbl/day)

County: RIO ARRIBA, NM

F.P. Date: 04/57

Field: TAPACITO (PICTURED CLIFFS) PC

Oil Cum: 319 bbl

Reservoir: PICTURED CLIFFS

Gas Cum: 1521 mmcf

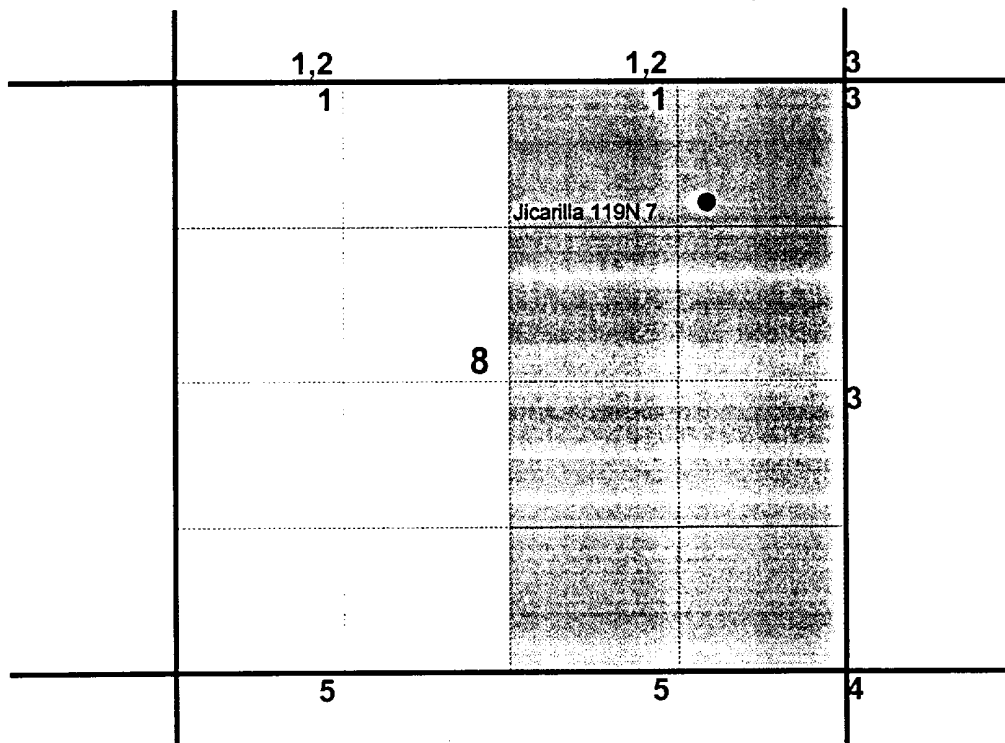
Operator: ENERGEN RESOURCES

Location: 8A 26N 4W

Energen Resources Corp.

Jicarilla 119N #7
Offset Operator / Ownership Plat
Tapacito Pictured Cliffs/ Blanco Mesa Verde
Downhole Commingling

Township 26 N, Range 4 W



- 1) Energen Resources
- 2) Graystone Energy Inc.
5802 Highway 64
Farmington, N. M. 87401
- 3) Amoco Production Co.
P.O. Box 800
Denver, Co. 80201
- 4) Conoco Inc.
10 Desta Dr. Suite 100W
Midland, Tx. 79705
- 5) Burlington Resources
P.O. Box 4289
Farmington, N.M. 87499-4289

