

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

5

L

Sec. 6 T26N

R4W

Rio Arriba

Lease

Well No.

Unit Ltr. - Sec - Twp - Rge

County

OGRID NO. 162928

Property Code 21944

API NO. 30-039-06682

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)	3852 - 3880'		5506 - 6120'
3. Type of production (Oil or Gas)	Gas		Gas
4. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
5. Bottomhole Pressure	a. (Current) 152 Calc.	a.	a. 479 Calc.
Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated Or Measured Original	b. (Original) 1252 Calc.	b.	b. 1334 Calc.
6. Oil Gravity (^o API) or Gas BTU Content)	1191 BTU		1218 BTU
7. Producing or Shut-In?	Producing		Producing
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: 4/9/99 Rates: 0/117/.1	Date: Rates:	Date: 4/7/99 Rates: .5/57/.5
8. Fixed Percentage Allocation Formula - % for each zone	Oil: 0% Gas: 67%	Oil: % Gas: %	Oil: 100% Gas: 33%

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?
Have all offset operators been given written notice of the proposed downhole commingling?☒ Yes ☐ No
☐ Yes ☐ No
☒ 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 communized 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

TITLE Prod. Superintendent

DATE 4/13/99

TYPE 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

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

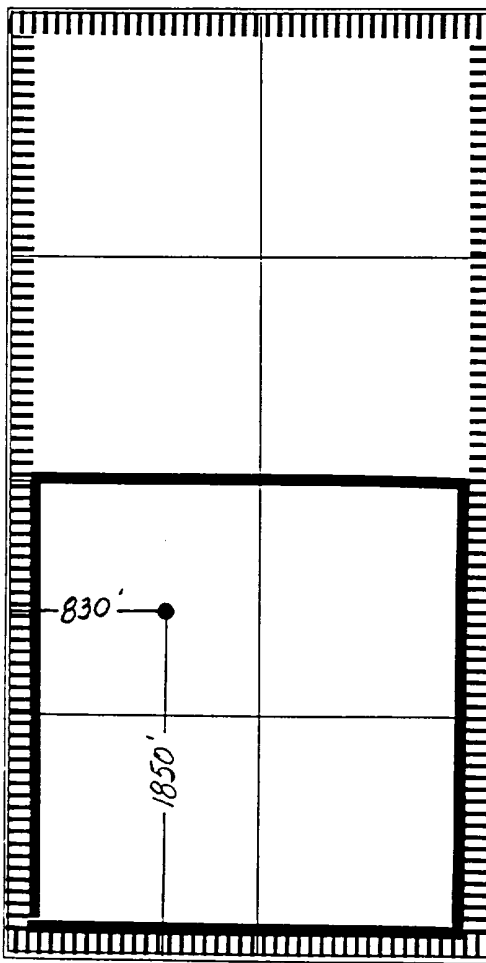

¹ API Number 30-039-06682	² Pool Code 85920/72319	³ Pool Name Tapacito PC/Blanco MV
⁴ Property Code 21944	⁵ Property Name Jicarilla 119N	⁶ Well Number 5
⁷ OGRID No. 162928	⁸ Operator Name ENERGEN RESOURCES CORPORATION	⁹ Elevation 7120' GL

¹⁰ Surface Location									
UL or lot no. L	Section 6	Township 26N	Range 4W	Lot. Idn	Feet from the 1850	North/South Line S	Feet from the 830	East/West line W	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 164.52/329.52	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

	<p>RECEIVED APR 15 1999 OIL CON. DIV DIST. 3</p>	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 Gary W. Brink Printed Name Production Superintendent Title 6/13/99 Date
		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> 6/13/99 Date of Survey Signature and Seal of Professional Surveyor: Reissue of Original Survey By Ernest V. EchoHawk Certificate Number

Dwights

Lease: JICARILLA 119 N (5)
10³
10³

04/12/99

Retrieval Code: 251,039,26N04W06L00MV



Oil (bbl/day)

F.P. Date: 07/57

County: RIO ARRIBA, NM

Gas (mcf/day)

Oil Cum: 2123 bbl

Field: BLANCO (MESAVERDE) MV

Water (bbl/day)

Gas Cum: 1351 mmcf

Reservoir: MESAVERDE

Operator: ENERGEN RESOURCES

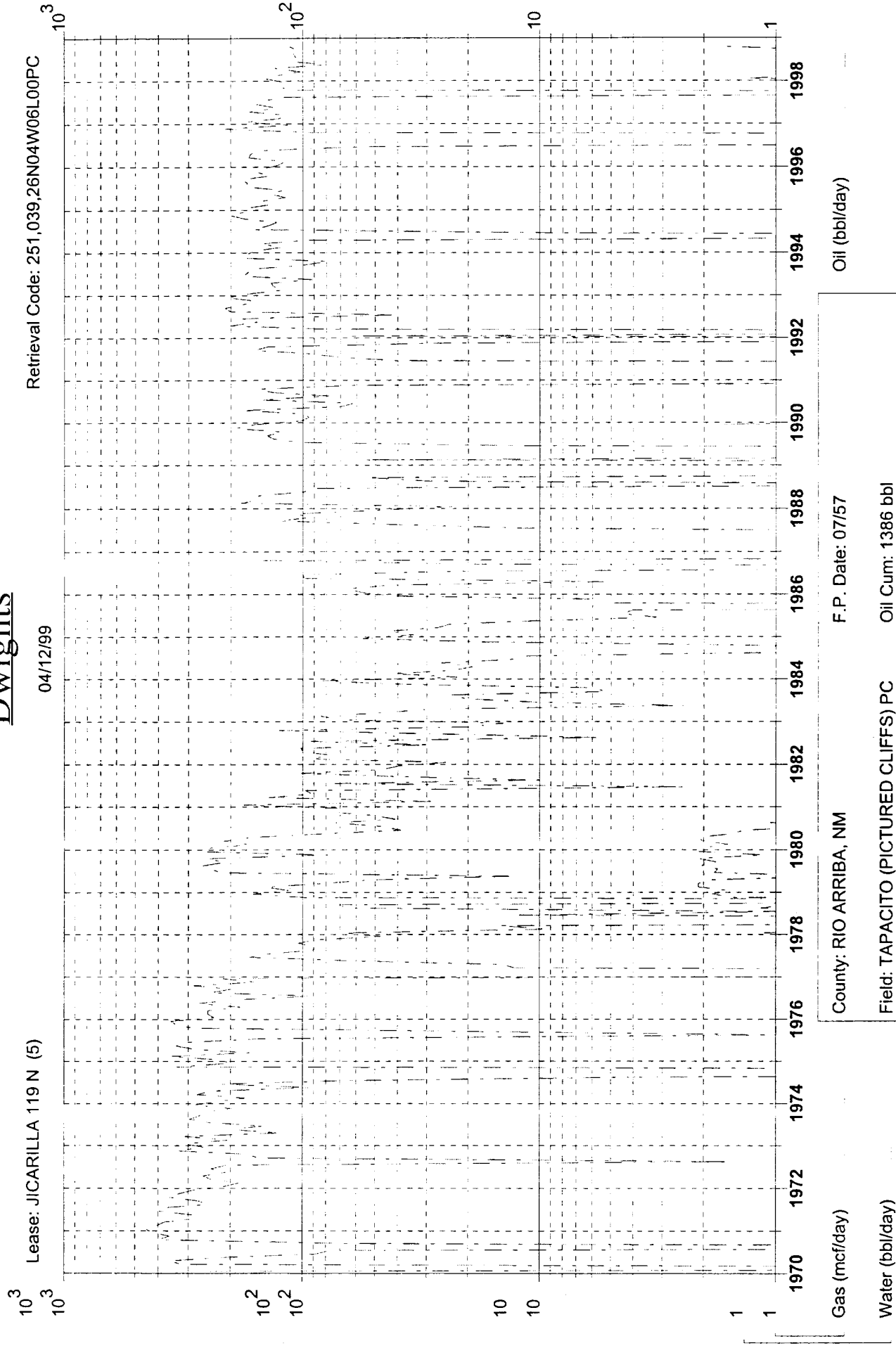
Location: 6L 26N 4W

Dwights

Lease: JICARILLA 119 N (5)

04/12/99

Retrieval Code: 251,039,26N04W06L00PC



F.P. Date: 07/57

County: RIO ARRIBA, NM

Field: TAPACITO (PICTURED CLIFFS) PC Oil Cum: 1386 bbl

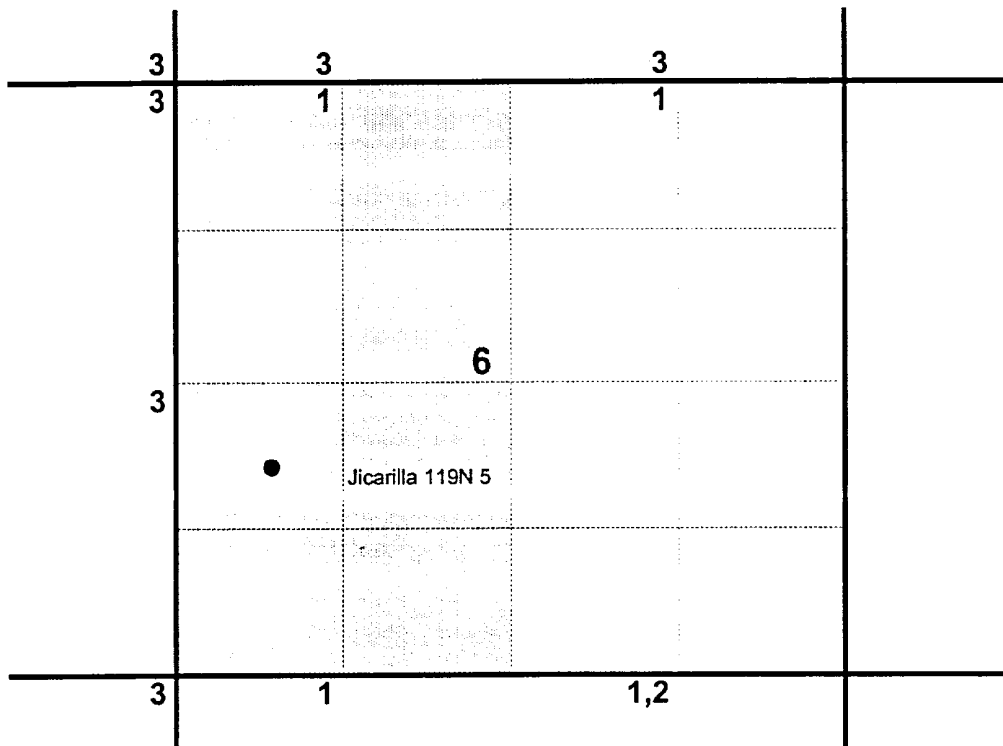
Reservoir: PICTURED CLIFFS Gas Cum: 3285 mmcf

Operator: ENERGEN RESOURCES Location: 6L 26N 4W

Energen Resources Corp.

Jicarilla 119N #5
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) Burlington Resources
P.O. Box 4289
Farmington, N.M. 87499-4289

