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ARC

ENERGEN
RESOURCES

3231

November 24, 2003

Ms. Lori Wrotenbery
NMOCD
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

RE: Administrative Approval to Down-hole Commingle
Energen Resources Corporation
Jicarilla 95 #6C
660' FSL, 2500' FEL, Sec. 36, T27N, R3W, N.M.P.M.
Rio Arriba County, New Mexico
API # 30-039-26892

Dear Ms. Wrotenbery,

Energen Resources Corporation requests Administrative Approval to down-hole commingle the Blanco Mesaverde and the WC27N3W36O; Mancos in the subject well. The Mancos was completed on April 28, 2003 and was producing at a stabilized rate of 35 MCFD on August 11, 2003, when it was shut in to complete the Mesaverde. Mesaverde completion operations took place between August 12, 2003 and September 4, 2003, and included setting a CIBP above the Mancos, fracture stimulating the Point Lookout, Menefee and Cliffhouse, cleaning out to the CIBP and running 2 3/8" tubing to the bottom Point Lookout perforation. The Mesaverde was first delivered on September 17, 2003 and is currently producing at a stabilized rate of 400 MCFD. We would now like to drill out the CIBP and down-hole commingle the Mesaverde and Mancos.

To comply with New Mexico Oil Conservation rules, Energen Resources Corporation is submitting the following data for your approval of the proposed commingle.

1. Form C107A – Application for Down-hole Commingle
2. C102 – Location plat showing each spacing unit and dedicated acreage
3. Production curve for the Mesaverde and Mancos
4. Production allocation based on actual data (see attached production curve).

In accordance to New Mexico Oil Conservation Division Rule 303C, the working, royalty and overriding royalty interests are common in this wellbore, so no notification is necessary.

If additional information is needed, please contact me.

Sincerely



Charlie Donahue
District Engineer

CD/vd

cc: NMOCD - Aztec, BLM - Albuquerque

District I
1625 N. French Drive, Hobbs, NM 88240

District II
1301 W. Grand Avenue, Artesia, NM 88210

District III
1090 Rio Brazos Road, Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised June 10, 2003

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

APPLICATION TYPE
 Single Well
 Establish Pre-Approved Pools
EXISTING WELLBORE
 Yes No

APPLICATION FOR DOWNHOLE COMMINGLING

Energen Resources 2198 Bloomfield Highway, Farmington, NM 87401

Operator Address
Jicarilla 95 6C O-36-27N-3W Rio Arriba

Lease Well No. Unit Letter-Section-Township-Range County
OGRID No. 162928 Property Code: 21289 API No. 30-039-26892 Lease Type: Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Blanco Mesaverde		(WC);27N3W36O; Mancos
Pool Code	72319		97152
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	5572 - 6098'		7042 - 7660'
Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	1325 Calc		2041 Measured
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1248 BTU Est.		1186 BTU
Producing, Shut-In or New Zone	Producing		Shut In
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: 11/20/2003 Rates: 0/400/0	Date: Rates:	Date: 8/11/2003 Rates: 0/35/0
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas 0 % 92%	Oil Gas	Oil Gas 100% 8%

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes No
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes No

Are all produced fluids from all commingled zones compatible with each other? Yes No

Will commingling decrease the value of production? Yes No

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes No

NMOCD Reference Case No. applicable to this well: _____

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 working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Charlie Donahue TITLE District Engineer DATE: 11/21/2003
TYPE OR PRINT NAME Charlie Donahue TELEPHONE NO. (505) 325-6800
E-MAIL ADDRESS: cdonahue@energen.com

District I
PO Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals & Natural Resources Dept.

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

District II
PO Drawer 00, Artesia, NM 88211-0719

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

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-26892		*Pool Code 72319 - 97152	*Pool Name Blanco Mesaverde - WC:27N3W360; Mancos (G)
*Property Code 21289	*Property Name JICARILLA 95		*Well Number 6C
*OGRID No. 162928	*Operator Name ENERGEN RESOURCES CORPORATION		*Elevation 7193'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	36	27N	3W		660	SOUTH	2500	EAST	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 320/160					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

¹⁶

¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Don Graham
Signature
Don Graham
Printed Name
- Production Superintendent
Title
7-21-01
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: AUGUST 31, 2001

Signature and Seal of Professional Surveyor

JASON C. EDWARDS
Certificate Number 15269

Facility Daily Production

Lease: JICARILLA 95 6C

Date Period: 1/1/2003 --- 11/17/2003

