District I District II 1301 W. Grand Avenue, Anesia.

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

Operator

EnerVest Operating, L.L.C.

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-107A Revised June 10, 2003

APPLICATION TYPE

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

APPLICATION FOR DOWNHOLE COMMINGLING

X SingleWell Establish Pre-Approved Pools EXISTING WELLBORE Yes X * No *New well

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County

| 1001 Fannin, Suite 800 Houston, TX 77002 | VAC- 416 1 | |
|--|------------|--|
| Address | | |

Martin B 1 - Sec 31, T 24S, R 37E Lease Well No. Unit Letter-Section-Township-Range

OGRID No. 143199 Property Code 303909 API No. 30-025-38883 Lease Type: ____Federal X_State ____Fee

| DATA ELEMENT | υ | PPER ZO | DNE | INTE | RMEDIATE | ZONE | I | OWER ZO | NE | |
|--|-----------------|-----------------------------|---------|-----------------|---|------|-------------------------|--------------------------------|--------|-----|
| Pool Name | Jal | mat (T-Y-7R |) (Gas) | | | | Langlie Mattix (7R-Q-G) | | -G) (O | il) |
| Pool Code | | 79240 | | | | | | 37240 | | |
| Top and Bottom of Pay Section (Perforated or Open-Hole Interval) | | 2881' - 334 | 19' | | | | 3396' 3636' | | | |
| Method of Production (Flowing or Artificial Lift) | | Pump | | | | | | Pump | | |
| Bottomhole Pressure (Note: Pressure data will not be required if the bottom perfortion in the lower zone is within 150% of the depth of the top perforation in the upper zone) | | N/A | | | | | | N/A | | |
| Oil Gravity or Gas BTU (Degree API or Gas BTU) | | N/A | | | | | | N/A | | |
| Producing, Shut-In or New Zone | | Producing | 3 | | | | | Producing | | F |
| 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: | 10-18-08 161 Mcf 0 BO | | Date: Rates: | h <u>, , , , , , , , , , , , , , , , , , , </u> | | Date: Rates: | 11-23-08 60 Mcf 31.51 BO | | |
| Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or | Oil | | Gas | Oil | Gas | | Oil | Ga | S | |
| man current or past production, supporting data or explanation will be required.) | 0 | % | 73 % | | % | % | 100 | % | 27 | % |

ADDITIONAL DATA

| Are all working, royalty and overriding royalty interests identical in all commingled zones? | Yes X 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_XNo |
| Will commingling decrease the value of production? | YesNoX |
| 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 NoX |
| 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.

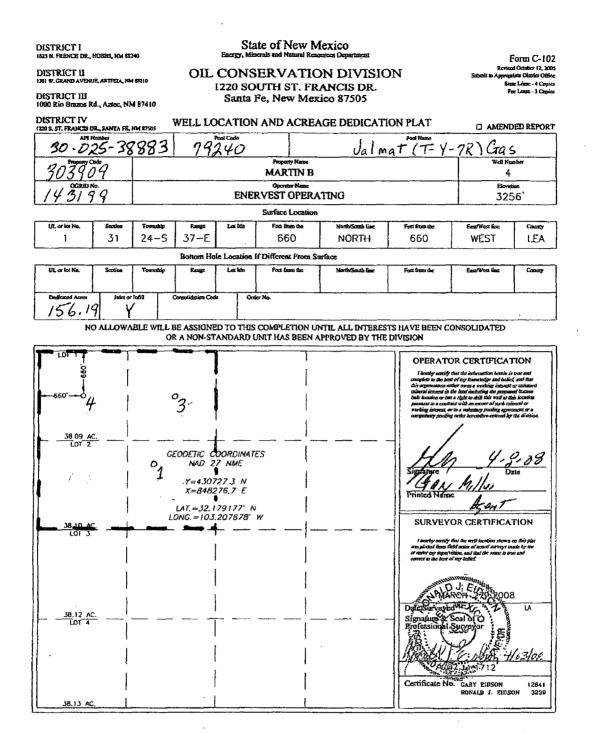
PRE-APPROVED POOLS

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

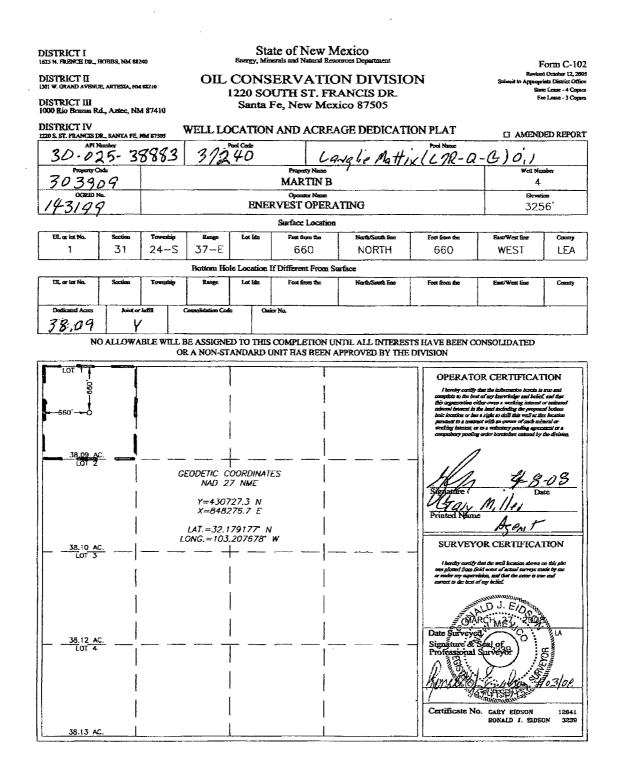
List of other orders approving downhole commingling within the proposed Pre-Approved Pools List of all operators within the proposed Pre-Approved Pools Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application. Bottomhole pressure data.

| I hereby certify that the information above is true and complete to the best of my knowledge and belief. | | | | | |
|--|-------|------------------|-------|----------|--|
| SIGNATURE Bridget Helfrich | TITLE | Regulatory Tech. | DATE | 3-2-09 | |
| TYPE OR PRINT NAME Bridget Helfrich | | TELEPHONE NO. (| 713) | 495-6537 | |
| | | | | | |

E-MAIL ADDRESS _____ bhelfrich@enervest.net



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Martin B #4

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Percentage allocation is based on the following test information:

| Jalmat (T-Y-7R) Gas | 10-18-08 Well Test | |
|-------------------------------|---------------------|--------------------|
| | Gas | =161 Mcf |
| | 161/221 | |
| | Gas allocation =73% | |
| | Oil | =0 BO |
| | 0/31.51 | =0% |
| | | |
| Langlie Mattix (7R-Q-G) (Oil) | 11-23-08 Well Test | |
| | Gas | =60 Mcf |
| | 60/221 | |
| | Gas allocation =27% | |
| | Oil 31.51/31.51 | =31.51 BO =100% |
| | | |

For future drilling in this area:

- 1. Where more than one Pool/zone is perforated, we will file Form C-103 Sundry prior to work being done for NMOCD approval.
- 2. If commingling is needed, we will file Form C-107A prior to work being done for NMOCD approval.