

PKRV0300928662 WVS NA

District I  
1625 N. French Drive, Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 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 May 15, 2000

JAN - 8 2003 Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

APPLICATION TYPE  
XX Single Well  
Establish Pre-Approved Pools  
EXISTING WELLBORE  
XX Yes

APPLICATION FOR DOWNHOLE COMMINGLING

OPERATOR: MARKWEST RESOURCES, INC., 155 INVERNESS DRIVE WEST, #200 ENGLEWOOD, CO 80112-5000  
CONTACT: Cindy Bush 303-925-9283

FULLERTON FEDERAL 27-11 #14-1 UNIT A NENE SEC. 14-T27N-R11W, NMPM SAN JUAN COUNTY, NM  
14 well no. 1

Lease Well No. Unit Letter-Section-Township-Range County

OGRID #: 173145 Property Code: API No. 30-045-30855 Lease Type: X Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	South Kutz Gallup		Basin Dakota
Pool Code	7429 96852		71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	5788-5802'		6360-6452'
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)	ESTIMATED SICP = 500 psi		1763 psi
Oil Gravity or Gas BTU (Degree API or Gas BTU)			
Producing, Shut-In or New Zone	New		Producing
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: 200 mcf 2 wpd 0 bopd for Cindy 1/21/03	Date: Rates	Date: 1-5-03 Rates: 67 mcf 2 wpd 0 bopd
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 % %	Oil Gas	Oil Gas

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 X No

Will commingling decrease the value of production? Yes No X

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 X 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. *We plan to consult the District Office in Aztec for the allocation following the workover.*
- 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 *Cindy Bush* TITLE Regulatory Coordinator DATE Jan 7-2003

TYPE OR PRINT NAME: Cindy Bush TELEPHONE NO.: 303-290-8700 CBUSH@markwest.com

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