

114445013 AMEND DHC-2177 6/12/01

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

District II
811 South First Street, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised May 15, 2000

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, New Mexico 87505

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

MAY 23 2001

APPLICATION FOR DOWNHOLE COMMINGLING REVISION

Sapient Energy Corporation 8801 South Yale, Ste 150, Tulsa, OK 74137

Operator Address
NMFU Federal 1 P Section 23, T20S-R38E Lea
Lease Well No. Unit Letter-Section-Township-Range County
OGRID No. 169415 Property Code 23404 API No. 30-025-33836 Lease Type: Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Blinebry	Tubb	Abo
Pool Code	06660	87085	15200
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	6,038-6,050 6,092-6,112	6,530-36, 6,656- 60, 6,760-75, 6,776-85	7,546-51, 7,564-72 7,584-86, 7,592-95 7,606-08, 7,606-08 7,618-24 7640-7650, 7605- 7625, 7510-7530
Method of Production (Flowing or Artificial Lift)	Pumping	Pumping	CIBP above Zone
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)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)	38.5	38.5	
Producing, Shut-In or New Zone	Producing	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: 3/10/01 thru 5/15/01 Rates: 11 Oil, 35 Gas 6.2 Water	Date: 3/10/01 thru 5/15/01 Rates: 8 Oil, 33 Gas 15.8 Water	Date: Rates:
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 Water 58.1% 52% 28.1%	Oil Gas Water 41.9% 48% 71.9%	Oil Gas Water

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 Gerald Lucero TITLE Manager of Operations DATE May 21, 2001
 TYPE OR PRINT NAME Gerald Lucero TELEPHONE NO. (918) 488-8988