

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107A  
Revised May 15, 2000

District II

1301 W. Grand Avenue, Artesia, NM 88210

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

District III

1000 Rio Brazos Road, Aztec, NM 87410

District IV

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

APPLICATION FOR DOWNHOLE COMMINGLING

Chevron U.S.A. Production Company

15 Smith Road

Midland, TX 79705

Operator

Address

Baxter Culp 31

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P-31-19S-37E

LEA

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 004323 Property Code 28827 API No. 30-025-35692 Lease Type: Federal State X Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	MONUMENT; TUBB	MONUMENT; DRINKARD	MONUMENT; ABO
Pool Code	47090	97060	46970
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	6334' - 6584'	6802' - 6932'	7280' - 7379'
Method of Production (Flowing or Artificial Lift)	Artificial Lift	Artificial Lift	Artificial Lift
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)	(Calculated) 2056 PSI	(Calculated) 1921 PSI	(Calculated) 2537 PSI
Oil Gravity or Gas BTU (Degree API or Gas BTU)	34.8 degs. API	42.4 degs. API	39.1 degs. API
Producing, Shut-In or New Zone	Producing	New	New
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: 6-11-02 Rates: 14 BOPD / 13 MCFPD / 38 BWPD	Date: 2-20-02 Rates: 7.2 BOPD / 15 MCFPD / 28.8 BWPD	Date: 2-18-02 Rates: 54 BOPD / 608 MCFPD / 306 BWPD
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required)	Oil 14 18.62%	Gas 13 2.04%	Oil 54 71.81%
		Gas 15 2.36%	Gas 608 95.60%

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 NA 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 No NA

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 TITLE PE TECHNICAL ASSISTANT DATE 7-24-02

TYPE OR PRINT NAME CAROLYN J. HAYNIE TELEPHONE NO. (915) 687-7384