

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 June 10, 2003

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

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

APPLICATION FOR DOWNHOLE COMMINGLING

SDG Resources P. O. Box 1390 Montrose, CO 81402

Operator Cooper Jal Unit #102 Address B 18 24S 37E Lea
Lease Well No. Unit Letter-Section-Township-Range County
OGRID No. 193003 Property Code 29159 API No. 30-025-11134 Lease Type: ☐ Federal ☐ State ☒ X Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	JALMAT		LANGLIE MATTIX
Pool Code			
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2912'-3204'		3382'-3737'
Method of Production (Flowing or Artificial Lift)	Pumping		Pumping
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)	35.7 Degree API		35.7 Degree API
Producing, Shut-In or New Zone	New Zone		Re-entry
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: 07/15/03 Rates: 12 BOPD, 100 MCFPD	Date: Rates:	Date: 03/05/03 Rates: 8 BOPD, 10 MCFPD
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil 33% Gas 90%	Oil % Gas %	Oil 66% Gas 10%

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes ☒ X No ☐
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 ☐ No ☒ X

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 Domingo Carrizales TITLE Sr. Petroleum Engineer DATE 08/22/03

TYPE OR PRINT NAME Domingo Carrizales TELEPHONE NO. (432) 550-7580

E-MAIL ADDRESS domingo@sdgresources.com