

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

NOV 19 2007 APPLICATION TYPE
Single Well
OCD-ARTESIA Establish Pre-Approved Pools
EXISTING WELLBORE
Yes No

APPLICATION FOR DOWNHOLE COMMINGLING

COG OPERATING LLC 550 W. Texas, Suite 550 Midland, TX 79701
Operator Address

Aladdin 11 State 1 Unit K, Sec 11, T-24S, R-23E Eddy
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. 229137 Property Code API No. 30-015-34654 Lease Type: Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Undes Hess Hills;Atoka (Gas)	Hess,Morrow, East (Gas)	
Pool Code	97398	78380	
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	9,502 – 9,528	10,456 – 10,480 10,570 – 10,580	
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)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)			
Producing, Shut-In or New Zone	New - 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: 11/08/07 Oil/ Gas /Water Rates: 0/222/0	Date: 09/27/07 Oil/ Gas /Water Rates: 1/154/0	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 0 % 59 %	Oil Gas 100 % 41 %	Oil Gas % %

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 Kanicia Carrillo TITLE Regulatory Analyst DATE 11/16/07
TYPE OR PRINT NAME Kanicia Carrillo TELEPHONE NO. (432) 685-4332
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