

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
DISTRICT II
811 South First St., Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410
DISTRICT IV
2040 S. Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 S. Pacheco
Santa Fe, New Mexico 87505-6429

Form C-107-A
Revised August 1999

APPROVAL PROCESS:

☒ Administrative ☐ Hearing

EXISTING WELLBORE

☒ YES ☐ NO

APPLICATION FOR DOWNHOLE COMMINGLING

Amerada Hess Corporation

P. O. Box 840, Seminole, Texas 79360

Operator Address

State "Q"

7

J-16-20S-37E

Lea

Lease Well No. Unit Ltr. - Sec - Twp - Rge County

Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 000495 Property Code 000206 API NO. 30-025-34162 Federal ☐ , State ☒ , (and/or) Fee ☐

The following facts are submitted in support of downhole commingling: 1. Pool Name and Pool Code	Upper Zone Monument Paddock (47080)	Intermediate Zone Monument Tubb (47090)	Lower Zone Monument Abo SE (96764)
2. Top and Bottom of Pay Section (Perforations)	5139' - 5190'	6370' - 6595'	7170' - 7420'
3. Type of production (Oil or Gas)	Oil	Oil	Oil
4. Method of Production (Flowing or Artificial Lift)	Artificial Lift	Artificial Lift	Artificial Lift
5. Bottomhole Pressure Oil Zones - Artificial Lift: Gas & Oil - Flowing: All Gas Zones: Estimated Current Measured Current Estimated Or Measured Original	a. (Current) 400 b. (Original)	a. 497 b.	a. 800 b.
6. Oil Gravity (EAPI) or Gas BTU Content	37.9	40.1	41.4
7. Producing or Shut-In?	Producing	Producing	Shut-In
Production Marginal? (yes or no) * If Shut-In, give 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 * If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Yes Date: 11-22-99 Rates: 6 B.O./D., 14 B.W./D., & 3 MCFGPD	Yes Date: 11-22-99 Rates: 6 B.O./D., 14 B.W./D., & 10 MCFGPD	Yes Date: 9-15-99 Rates: 10 B.O./D., 4 B.W./D. & 18 MCFGPD
8. Fixed Percentage Allocation Formula - % for each zone (total of %'s to equal 100%)	Oil: 27 % Gas: 10 %	Oil: 27 % Gas: 32 %	Oil: 46 % Gas: 58 %

9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.
10. Are all working, overriding, and royalty interests identical in all commingled zones? ☒ Yes ☐ No
If not, have all working, overriding, and royalty interests been notified by certified mail? ☐ Yes ☐ No
11. Will cross-flow occur? ☐ Yes ☒ No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable. ☐ Yes ☐ No (If No, attach explanation)
12. Are all produced fluids from all commingled zones compatible with each other? ☒ Yes ☐ No
13. Will the value of production be decreased by commingling? ☐ Yes ☒ No (If Yes, attach explanation)
14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States Bureau of Land Management has been notified in writing of this application. ☒ Yes ☐ No
15. NMOCD Reference Cases for Rule 303(D) Exceptions: ORDER NO(S). _____
16. 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, overriding, and royalty interests for uncommon interest cases.
* Any additional statements, data, or documents required to support commingling.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Duwayne Perry TITLE Sr. Petroleum Engineer DATE November 29, 1999

TYPE OR PRINT NAME Duwayne Perry TELEPHONE NO. (915) 758-6700