

DHC 8/19/97

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
811 South First St., Artesia, NM 88210-2835

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410-1693

State of New Mexico
Energy, Minerals and Natural Resources Department

JUL 30 1997

OIL CONSERVATION DIVISION

2040 S. Pacheco
Santa Fe, New Mexico 87505-8429

Form C-107-A
New 3-12-96

APPROVAL PROCESS:

☒ Administrative ☐ Hearing

EXISTING WELLBORE

☒ YES ☐ NO

APPLICATION FOR DOWNHOLE COMMINGLING

Conoco Inc.

10 Desta Dr., Ste 100W, Midland, TX 79705-4500

Operator

Address

Hawk B-1

11

I-8-21S-37E

Lea

Lease

Well No

Unit Ltr Sec Twp Rge

County

Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 005073 Property Code 003022 API NO. 30-025-06434 Federal ☒ State ☐ (and/or) Fee ☐

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zone	Lower Zone
1. Pool Name and Pool Code	Blinebry Oil and Gas - 06660		Drinkard - 19190
2. TOP and Bottom of Pay Section (Perforations)	5811' - 6083'		6539' - 6736'
3. Type of production (Oil or Gas)	Oil		Oil
4. Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial Lift
5. Bottom hole Pressure	a (Current)	a.	a.
Oil Zones - Artificial Lift: Estimated Current	600 psia		700 psia
Gas & Oil - Flowing: Measured Current	b (Original)	b.	b.
All Gas Zones: Estimated Or Measured Original	2400		2650
6. Oil Gravity (*API) or Gas BTU Content	39.4		39.0
7. Producing or Shut-In?	Producing		Shut-in
Production Marginal? (yes or no)	Yes		Yes
• If Shut-In give date and oil/gas/water rates of last production	Date Rates	Date Rates:	Date Rates
Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.	1/97		2/80
• If Producing, give date and oil/gas/water rates of recent test (within 60 days)	1 BOPD/ 0 BWPD/ 52 MCFD		5 BOPD/ 1 BWPD/ 164 MCFD
8. Fixed Percentage Allocation Formula - % for each zone	oil: 17 % Gas 24 %	oil: % Gas %	oil: 83 % Gas 76

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
Have all offset operators been given written notice of the proposed downhole commingling? ☒ Yes ☐ No
* CONOCO is the offset operator

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 others ☒ 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 all offset operators.
- * 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 Jerry W. Hoover TITLE Sr. Conservation Coord. DATE 4/15/97

TYPE OR PRINT NAME Jerry W. Hoover TELEPHONE NO. (915) 686-6548

21. Product code from the following table: _____

Form C-10
Revised February 21, 1991
Instructions on back
o Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

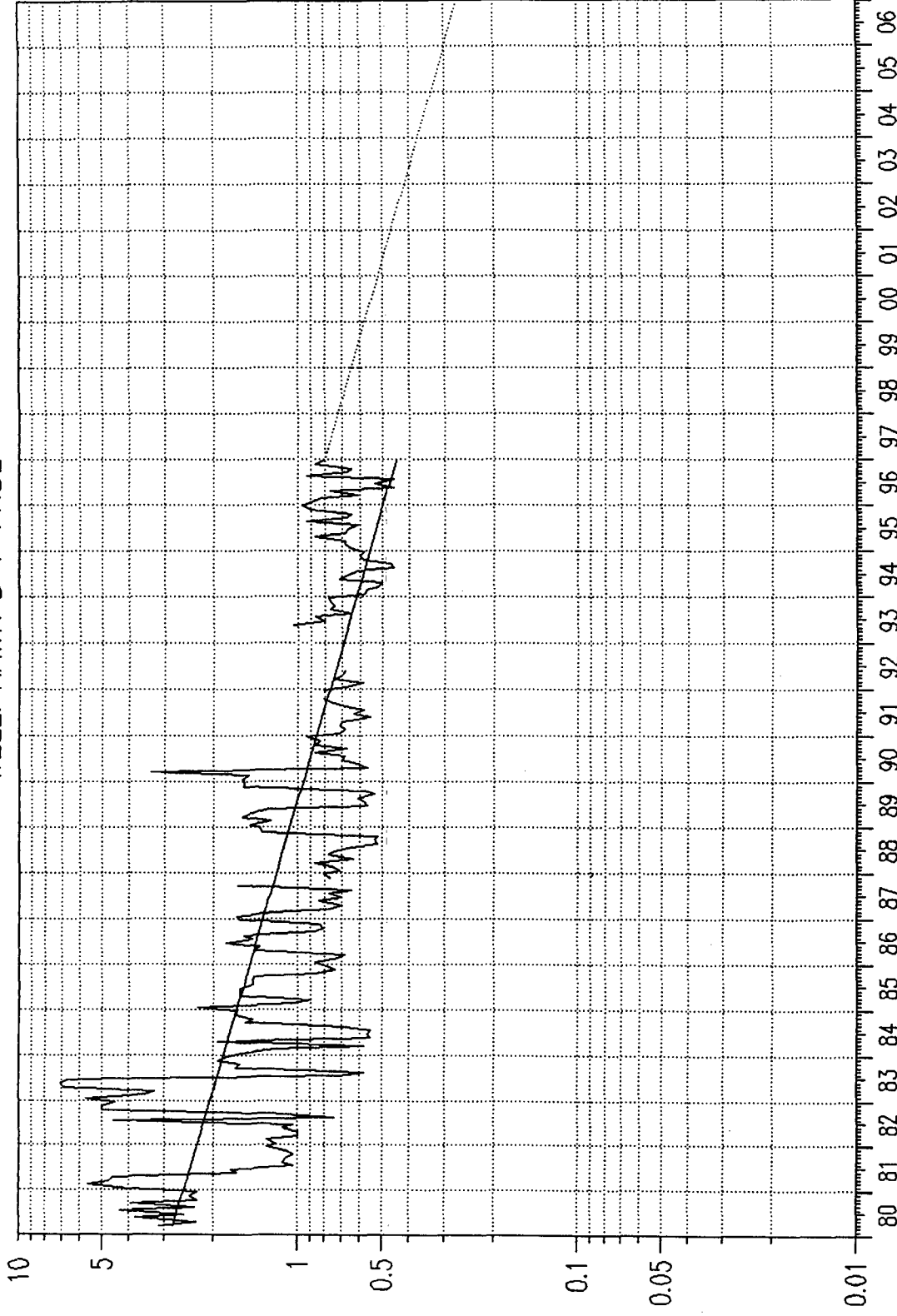
16					17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature: Jerry W. Hoover Printed Name: _____ Title: Conservation Coordinator This: 10/20/94 Date: _____
					18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey: _____ Signature and Seal of Professional Surveyor: _____ Certificate Number: _____

11

660'

1980'

WELL: HAWK B 1 11:BL



Decline Rate (frac) Nominal: 0.009117 Effective: 0.009075 Annual: 0.103628

Current Oil rate: 0.8 bbls/d

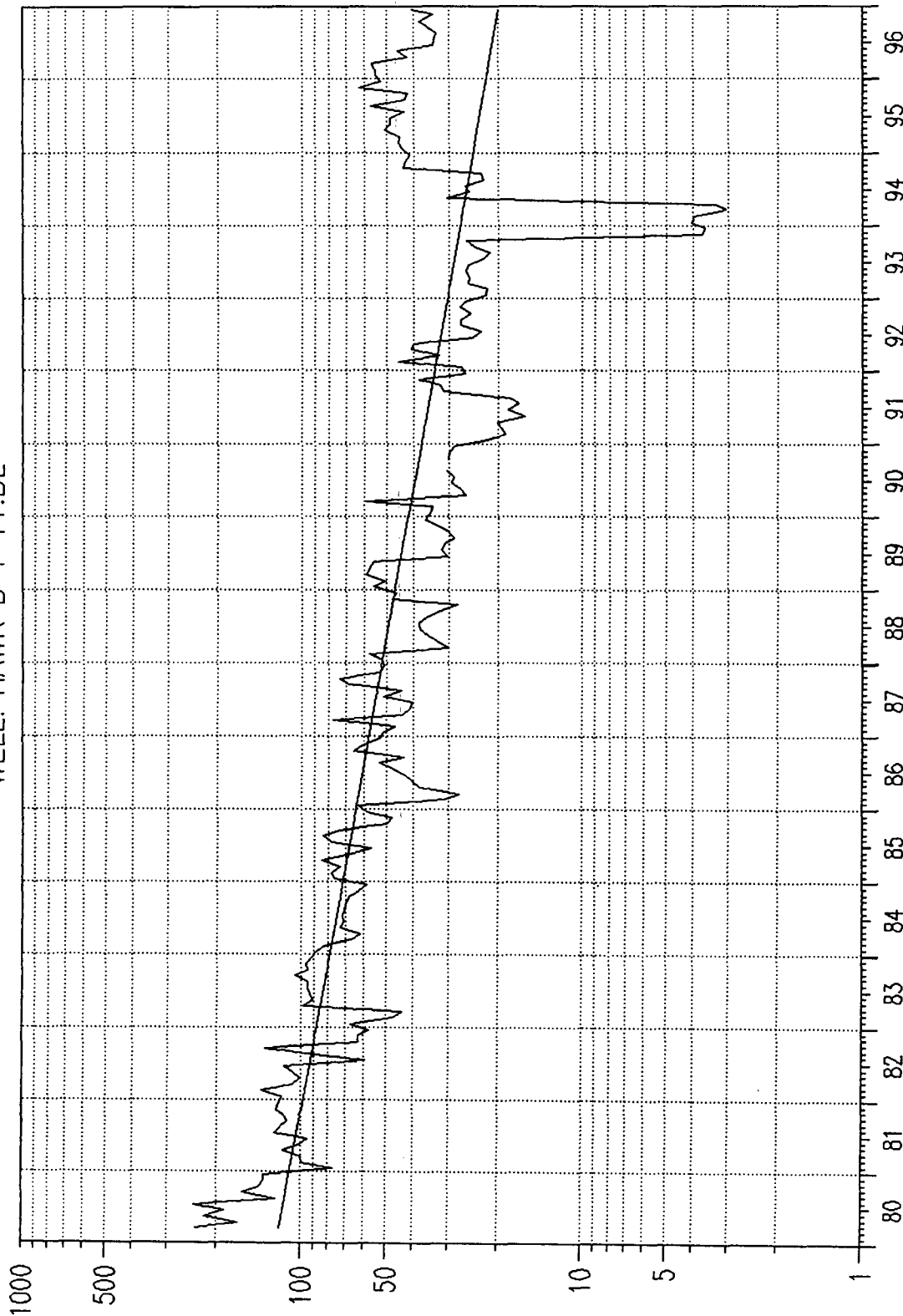
Economic Limit: 0.0 bbls/d

Cumulative Oil Produced: 7.9 Mbbls

Remaining Reserves: 1.8 Mbbls

Total Reserves: 9.6 Mbbls - At End of Forecast

WELL: HAWK B 1 11:BL



Decline Rate (frac) Nominal: 0.008873 Effective: 0.008834 Annual: 0.101006

Current Gas rate: 40.84 Mscf/d

Economic Limit: 0.408 Mscf/d

Cumulative Gas Produced: 356.51 MMscf

Remaining Reserves: 138.6 MMscf

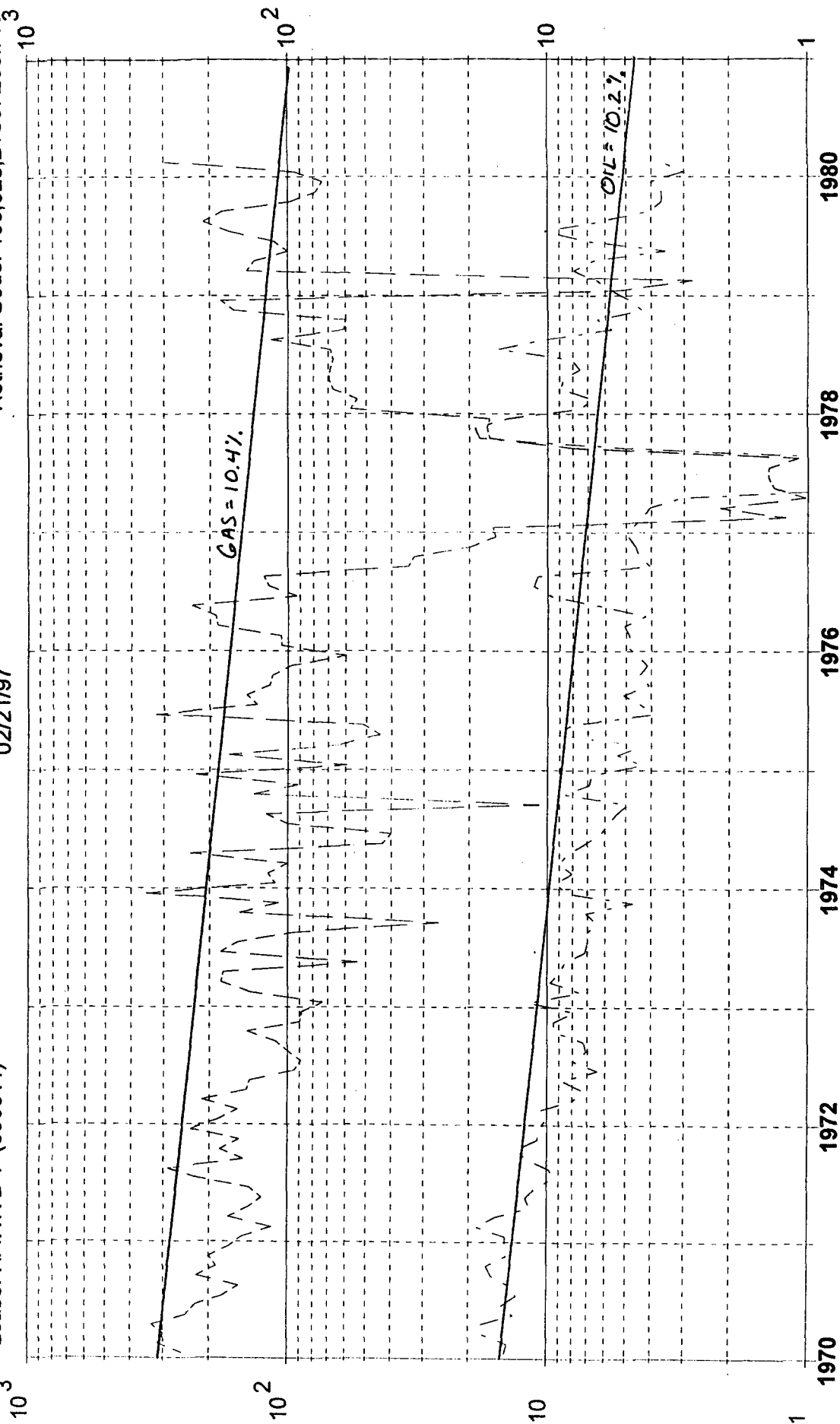
Total Reserves: 495.1 MMscf – At the Economic Limit

Dwights

Lease: HAWK B 1 (000011)

02/21/97

Retrieval Code: 150,025,21S37E08IPKDR



Oil (bbl/day)

Gas (mcf/day)

County: LEA, NM

F.P. Date: N/A

Field: DRINKARD (DRINKARD) DR Oil Cum: 209.0 mmbbl

Reservoir: DRINKARD Gas Cum: 1305 mmcf

Operator: CONOCO INC Location: 81 21S 37E

Hawk B-1 11 DHC: Offset Operators

T21S, R36E

