

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 87505-6429

APPLICATION FOR DOWNHOLE COMMINGLING

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

APPROVAL PROCESS:

Administrative Hearing

EXISTING WELLBORE

YES NO

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 Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated Or Measured Original	a (Current) 600 psia	a.	a. 700 psia
	b (Original) 2400	b.	b. 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 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 (w within 60 days)	Date Rates 1/97 1 BOPD/0 BWPD/52 MCFD	Date Rates	Date Rates 2/80 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

or recompletion and this POD has no number the district office will assign a number and write it here.

Product code from the following table:

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1006 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 APT Number 30-025-06434		2 Pool Code 06660		3 Pool Name Blinebry Oil & Gas	
4 Property Code 003022		5 Property Name Hawk B-1			6 Well Number 11
7 OGRID No. 005073		8 Operator Name CONOCO INC.			9 Elevation 3528'

10 Surface Location

UL or lot no. 1	Section 8	Township 21S	Range 37E	Lot Idn	Feet from the 1980	North/South line South	Feet from the 660	East/West line East	County Lea
--------------------	--------------	-----------------	--------------	---------	-----------------------	---------------------------	----------------------	------------------------	---------------

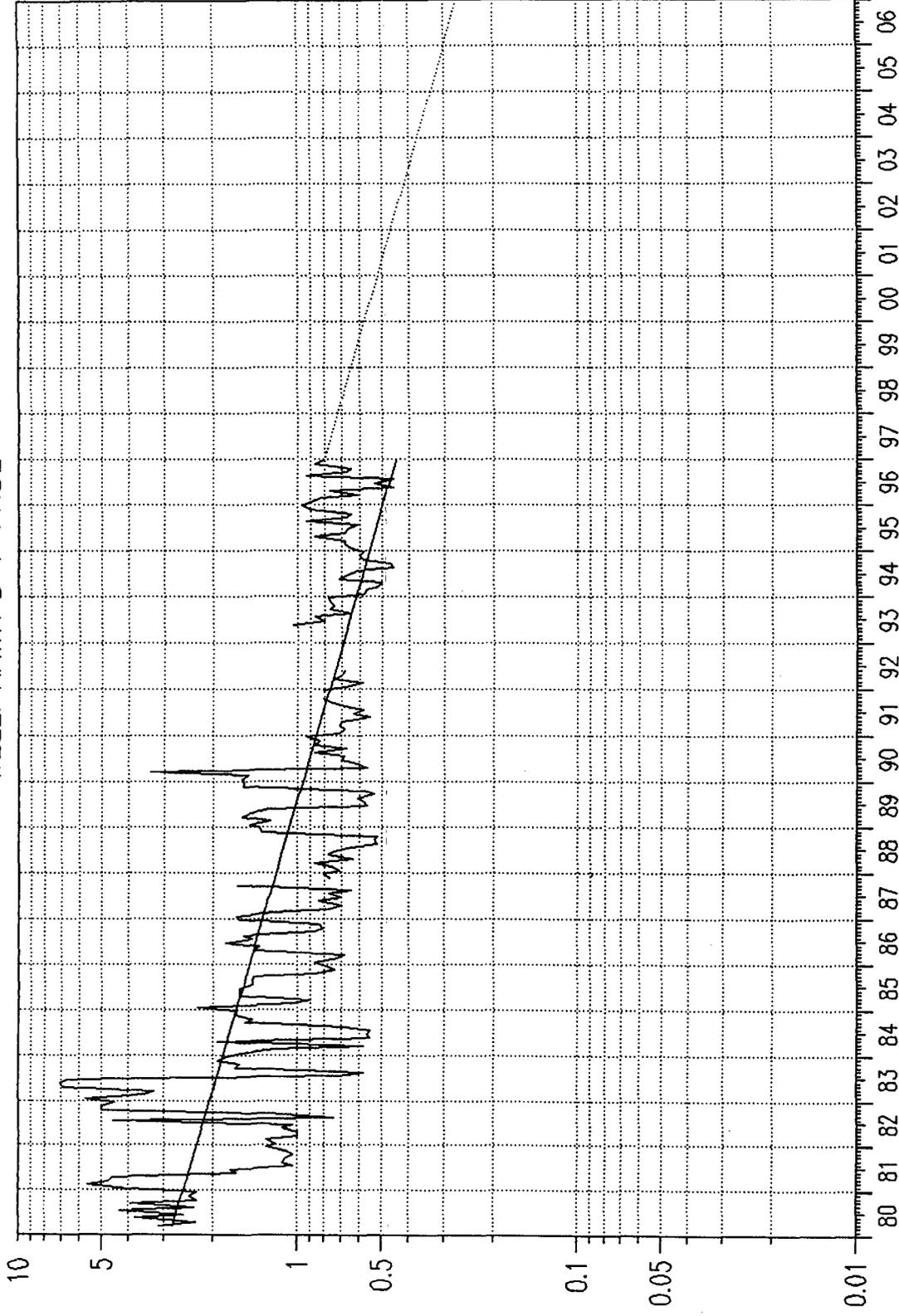
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 40		13 Joint or Infill		14 Consolidation Code		15 Order No.			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16					17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief <i>Terry W. Hoover</i> Signature Terry W. Hoover SP: Conservation Coordinator Date 10/20/94	
					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 Surveyer:	
					Certificate Number	

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

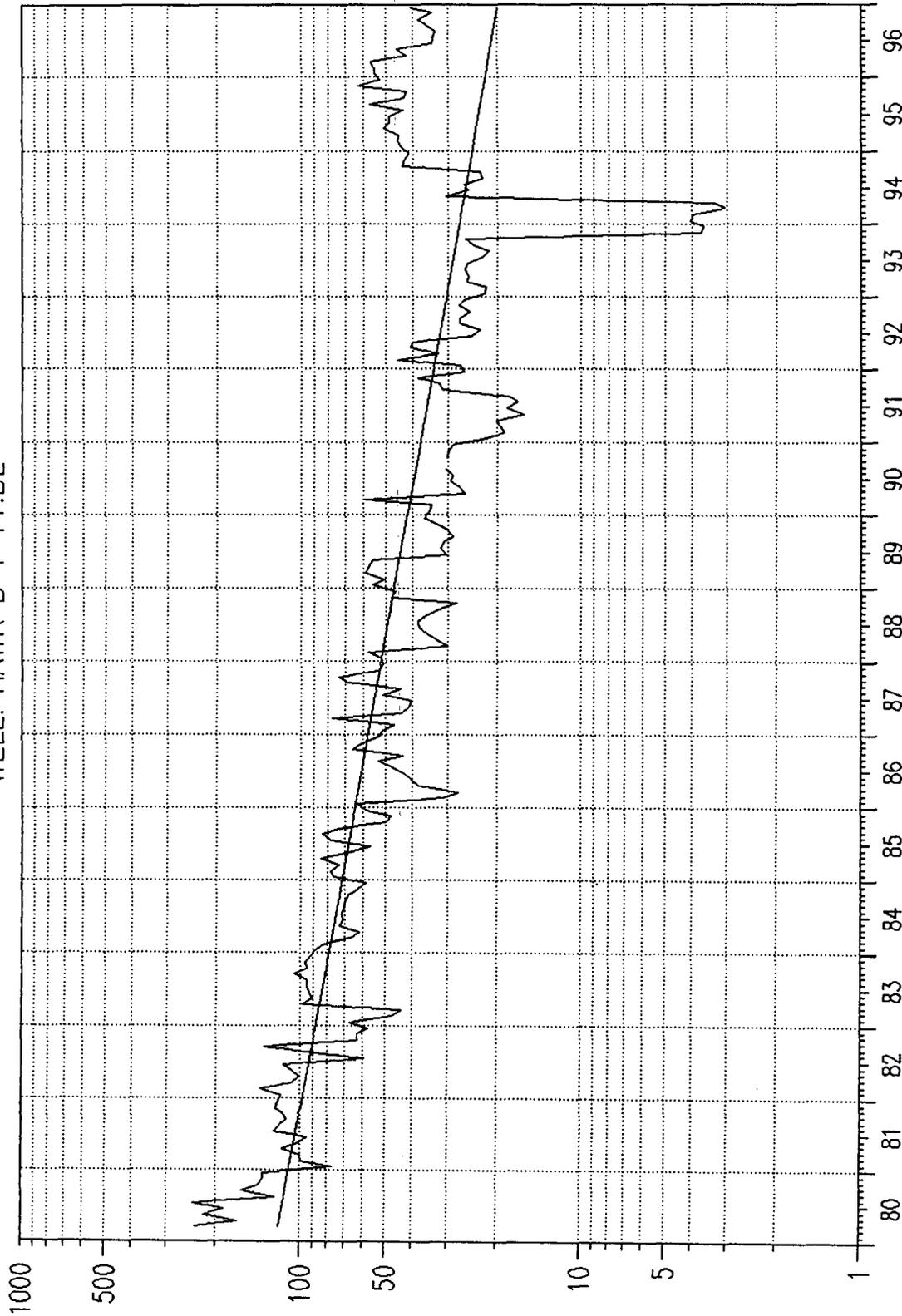
Economic Limit: 0.0 bbls/d

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

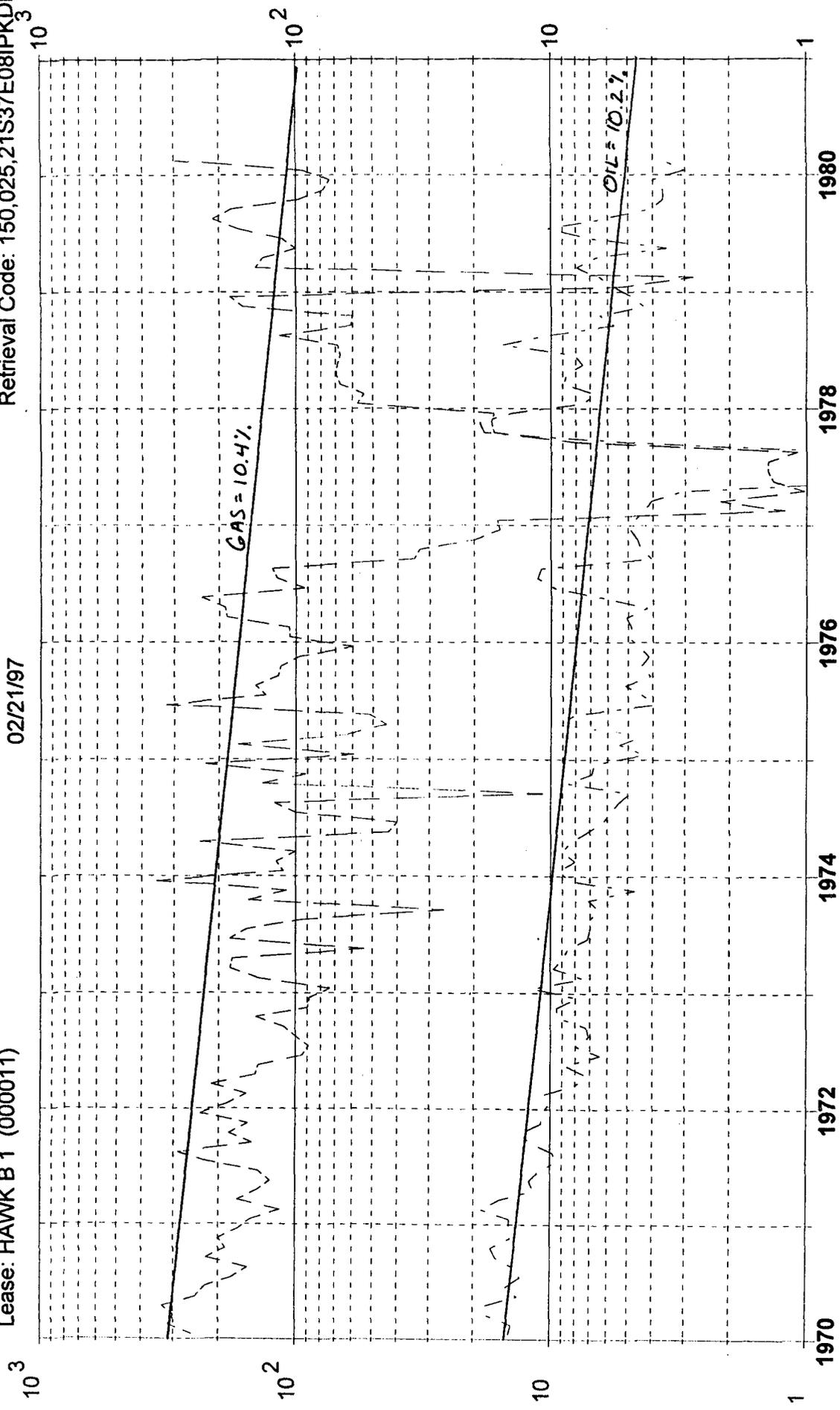
Total Reserves: 495.1 MMscf - At the Economic Limit

Dwights

Lease: HAWK B 1 (000011)

02/21/97

Retrieval Code: 150,025,21S37E081PKDR



Oil (bbbl/day)

Gas (mcf/day)

County: LEA, NM

F.P. Date: N/A

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

Reservoir: DRINKARD Gas Cum: 1305 mmcf

Operator: CONOCO INC Location: 81 21S 37E

Hawk B-1 11 DHC: Offset Operators

T21S, R36E

