



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

12/31/96

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

GOVERNOR

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

DHC-1430

RE: Proposed:

MC _____
DHC _____
NSL _____
NSP _____
SWD _____
WFX _____
PMX _____

Gentlemen:

I have examined the application for the:

Yates Petroleum Corp Haracz AMD Federal #7-F 19-24s-32e
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK

Yours very truly,

Jerry Sexton
Supervisor, District 1

/ed

MARTIN YATES, III
1912 - 1985
FRANK W. YATES
1936 - 1986



105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210
TELEPHONE (505) 748-1471

S. P. YATES
CHAIRMAN OF THE BOARD
JOHN A. YATES
PRESIDENT
PEYTON YATES
EXECUTIVE VICE PRESIDENT
RANDY G. PATTERSON
SECRETARY
DENNIS G. KINSEY
TREASURER

December 23, 1996

State of New Mexico
OIL CONSERVATION DIVISION
P.O. Drawer 1980
Hobbs, NM 88240

Gentlemen,

Enclosed are the necessary documents for obtaining approval for the downhole commingling of the Haracz "AMO" Federal #7 located in Unit F of Section 19, Township 24 South, Range 32 East, Lea County.

Should you have any questions, feel free to contact me at (505) 748-1471. Thank you.

Sincerely,

Morris Keith
Engineer

MK/th

Enclosures



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FRANK W. YATES
1936 - 1986



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December 23, 1996

State of New Mexico
OIL CONSERVATION DIVISION
2040 S. Pacheco Street
Santa Fe, NM 87505-5472

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December 23, 1996

Bureau of Land Management
414 W. Taylor
Hobbs, NM 88240

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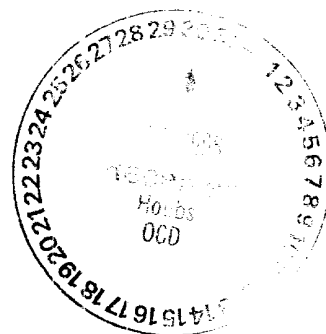
Should you have any questions, feel free to contact me at (505) 748-1471. Thank you.

Sincerely,

Morris Keith
Engineer

MK/th

Enclosures



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, Artesia, NM 87410-1693

State of New Mexico
Energy, Minerals and Natural Resources Department

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

OIL CONSERVATION DIVISION

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

APPROVAL PROCESS:

☒ Administrative ☐ Hearing

EXISTING WELLBORE

☒ YES ☐ NO

APPLICATION FOR DOWNHOLE COMMINGLING

Yates Petroleum Corporation 105 S. Fourth Street Artesia, NM 88210

Operator Address

Haracz "AMO" Federal 7 F-19-24S-32E Lea

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

Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 025575 Property Code 014835 API NO. 30-025-33345 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	Delaware 96646		Bone Springs 96556
2. Top and Bottom of Pay Section (Perforations)	7166'-8274'		8593'-9752'
3. Type of production (Oil or Gas)	Oil		Oil
4. Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial Lift
5. Bottomhole Pressure Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated Or Measured Original	a. (Current) 1100 b. (Original) 2150	a. b.	a. 1250 b. 2575
6. Oil Gravity (API) or Gas BTU Content	42° API @ 60°F		42.4° API @ 60°F
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	Date: Rates:	Date: Rates:	Date: 10-12-96 Rates: 17 BOPD 135 BWPD 34 MCFGPD
* If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Date: 12-23-96 Rates: 63 BOPD 209 BWPD 17 MCFGPD	Date: Rates:	Date: Rates:
8. Fixed Percentage Allocation Formula - % for each zone (total of %'s to equal 100%)	Oil: 80% Gas: 35%	Oil: % Gas: %	Oil: 20% Gas: 65%

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

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 Land Management has been notified in writing of this application. ☒ Yes ☐ No

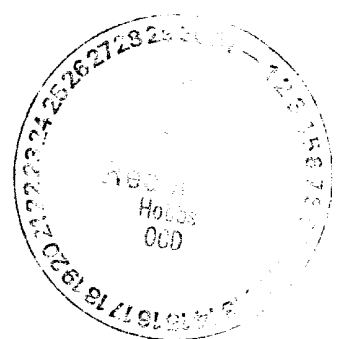
15. NMOCD Reference Cases for Rule 303(D) Exceptions: ORDER NO(S).

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 Morris Keith TITLE Operations Engineer DATE 12/23/96
TYPE OR PRINT NAME Morris Keith TELEPHONE NO. (505) 748-4182



District I
PO Box 1988, Hobbs, NM 88241-1988
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brans Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Dep. cat

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

Form C-10
Revised February 10, 1994
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 API Number 30-025-33345	² Pool Code 96646	³ Pool Name Delaware
⁴ Property Code 014835	⁵ Property Name Haracz AMO Federal	⁶ Well Number 7
⁷ OGRID No. 025575	⁸ Operator Name Yates Petroleum Corporation	⁹ Elevation

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	19	24S	32E		1650	North	2310	West	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	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>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i> Signature _____ Printed Name _____ Title _____ Date _____ ¹⁸ SURVEYOR CERTIFICATION <i>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.</i> REFER TO ORIGINAL PLAT Date of Survey _____ Signature and Seal of Professional Surveyor: _____ Certificate Number _____



IF THIS IS AN AMENDED REPORT, CHECK THE BOX LABELED
"AMENDED REPORT" AT THE TOP OF THIS DOCUMENT.

Surveyors shall use the latest United States government survey or
dependent resurvey. Well locations will be in reference to the New
Mexico Principal Meridian. If the land is not surveyed contact the
appropriate OCD district office. Independent subdivision surveys will
not be acceptable.

16. This grid represents a standard section. You may
superimpose a non-standard section over the grid. Outline
the dedicated acreage and the separate leases within that
dedicated acreage. Show the well surface location and
bottom hole location. If it is directionally drilled, with the
dimensions from the section lines in the cardinal directions.
(Note: A legal location is determined from the perpendicular
distance to the edge of the tract.) If this is a high angle or
horizontal hole show that portion of the well bore that is
open within this pool.

Show all lots, lot numbers, and their respective acreage.
If more than one lease has been dedicated to this
completion, outline each one and identify the ownership as
to both working interest and royalty.

17. The signature, printed name, and title of the person
authorized to make this report, and the date the document
was signed.

18. The registered surveyors certification. This section does
not have to be completed if this form has been previously
accepted by the OCD and is being filed for a change of pool
or dedicated acreage.

1. The OCD assigned API number for this well
2. The pool code for this (proposed) completion
3. The pool name for this (proposed) completion
4. The property code for this (proposed) completion
5. The property name (well name) for this (proposed)
completion
6. The well number for this (proposed) completion
7. Operator's OGRID number
8. The operator's name
9. The ground level elevation of this well

10. The surveyed surface location of this well measured from
the section lines NOTE: If the United States government
survey designates a Lot Number for this location use that
number in the "UL or lot no." box. Otherwise use the OCD
well letter.

11. Proposed bottom hole location. If this is a horizontal hole
indicate the location of the end of the hole.

12. The calculated acreage dedicated to this completion to the
nearest hundredth of an acre

13. Put a Y if more than one completion will be sharing this
same acreage or N if this is the only completion on this
acreage

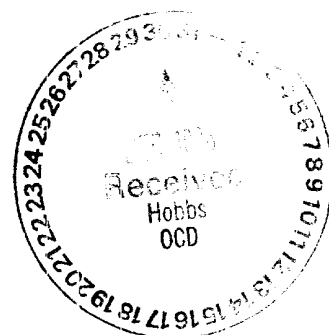
14. If more than one lease of different ownership has been
dedicated to the well show the consolidation code from the
following table:

- | | |
|---|-----------------------|
| C | Consolidation |
| U | Unitization |
| F | Forced pooling |
| O | Other |
| P | Consolidation pending |

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!

15. Write in the OCD order(s) approving a non-standard
location, non-standard spacing, or directional or horizontal
drilling

Production curves for each zone are not available. Delaware produced for 1 month only.



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Form C
Revised February 10, 1994
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WELL LOCATION AND ACREAGE DEDICATION PLAT

1 AFI Number 30-025-33345		2 Pool Code 96556		3 Pool Name Bone Springs		
4 Property Code 014835		5 Property Name Haracz AMO Federal			6 Well Number 7	
7 OGRID No. 025575		8 Operator Name Yates Petroleum Corporation			9 Elevation	

10 Surface Location

UL or lot no. F	Section 19	Township 24S	Range 32E	Lot Idn	Feet from the 1650	North/South line North	Feet from the 2310	East/West line West	County Lea
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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
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12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
--------------------	--------------------	-----------------------	--------------

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16				17 OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i> Signature _____ Printed Name _____ Title _____ Date _____
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F	Forced pooling
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Date: 12/04/96
Time: 15:25:54

PRODUCTION HISTORY

File#: HARACZ
Get#: 2

HARACZ AMO FEDERAL 7
LEA COUNTY, NM
FIELD
YATES PETROLEUM CORP
CASE: NM
HARACZ AMO FEDERAL

OIL (BBL)
WATER (BBL)
1000
100

100

1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------

CUMULATIVE OIL (BBL)=

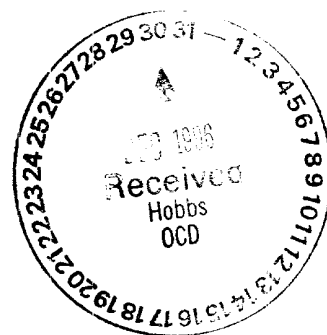
1126.

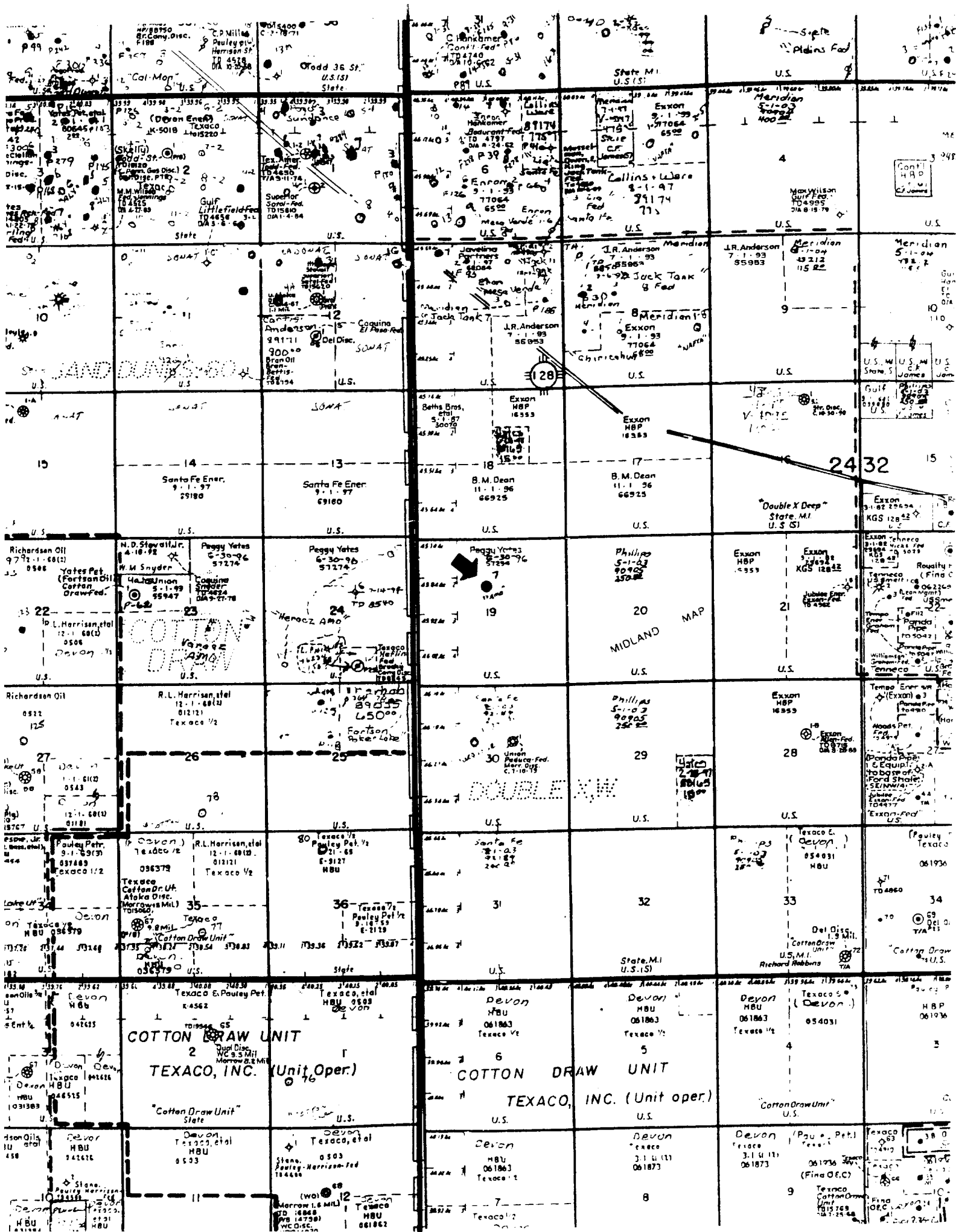
DPC & A

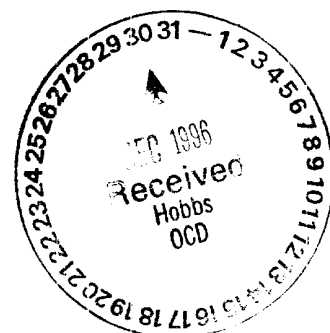
YEARS

SL 20 3 3

CUMULATIVE GAS (MCF)=







YATES PETROLEUM CORPORATION
APPLICATION FOR ADMINISTRATIVE APPROVAL
DOWNHOLE COMMINGLING
HARACZ "AMO" FEDERAL #7
EDDY COUNTY, NEW MEXICO

Bureau of Land Management
414 W. Taylor
Hobbs, NM 88240

