

JUL 18 1996

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

611 South First St., Artesia, NM 88210

DISTRICT III

1000 Rio Grande Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 S. Pacheco
Santa Fe, New Mexico 87505-8429Form C-107-A
New 3-12-96

APPROVAL PROCESS:

☒ Administrative ☐ Hearing

EXISTING WELLBORE

☒ YES ☐ NO

APPLICATION FOR DOWNHOLE COMMINGLING

Operator Meridian Oil Inc. Address P.O. Box 51810 Midland, Texas 79710-1810
Diamond '34' Federal # 2 B, Sec. 34, T23S, R32E Lea
Well No. Unit Ltr. - Sec. - Twp. - Rge. County

OGRID NO. 26485 Property Code 017561 API NO. 30-025-33112 Federal ☒ State (and/or) Fee Spacing Unit Lease Types: (check 1 or more)

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zones	Lower Zone
1. Pool Name and Pool Code	Triste Draw Delaware 59930		Wildcat Bone Spring
2. Top and Bottom of Pay Section (Perforations)	8538'-8542'		8854'-8862'
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: Gas & Oil - Flowing: All Gas Zones: Estimated Current Measured Current Estimated Or Measured Original	a. (Current) 1275 b. (Original) 2560	a. b.	a. 1325 (est.) b. 2660 (est.)
6. Oil Gravity (° API) or Gas BTU Content	41.3546		39
7. Producing or Shut-in?	Producing		Behind CIBP
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: 11/9/95 Rates: 10 oil, 261 mcf, 0 water
* If Producing, give date and oil/gas/water rates of recent test (within 90 days)	Date: 6/26/96 Rates: 14 oil, 25 mcf, 1 water	Date: Rates:	Date: Rates:
8. Fixed Percentage Allocation Formula - % for each zone	Oil: 65 % Gas: 50 %	Oil: % Gas: %	Oil: 35 % Gas: 50 %

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 ☐ No11. 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 ☐ No13. 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 ☐ No15. NMOC Reference Cases for Rule 303(C) 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 Donna Williams TITLE Regulatory DATE 7/10/96TYPE OR PRINT NAME Donna Williams TELEPHONE NO. (915) 688-6943

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised February 10, 1994

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, NM 87504-2088

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 30-025-33112	² Pool Code 59930	³ Pool Name Triste Draw, Delaware
⁴ Property Code 17561	⁵ Property Name Diamond '34' Federal	⁶ Well Number # 2
⁷ OGRID No. 26485	⁸ Operator Name Meridian Oil Inc.	⁹ Elevation 3649'

¹⁰ Surface Location

UL or lot no.	Section 34	Township 23S	Range 32E	Lot. Idn	Feet from the 660'	North/South Line North	Feet from the 1980'	East/West line East	County Lea
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¹¹ Bottom Hole Location If Different From Surface

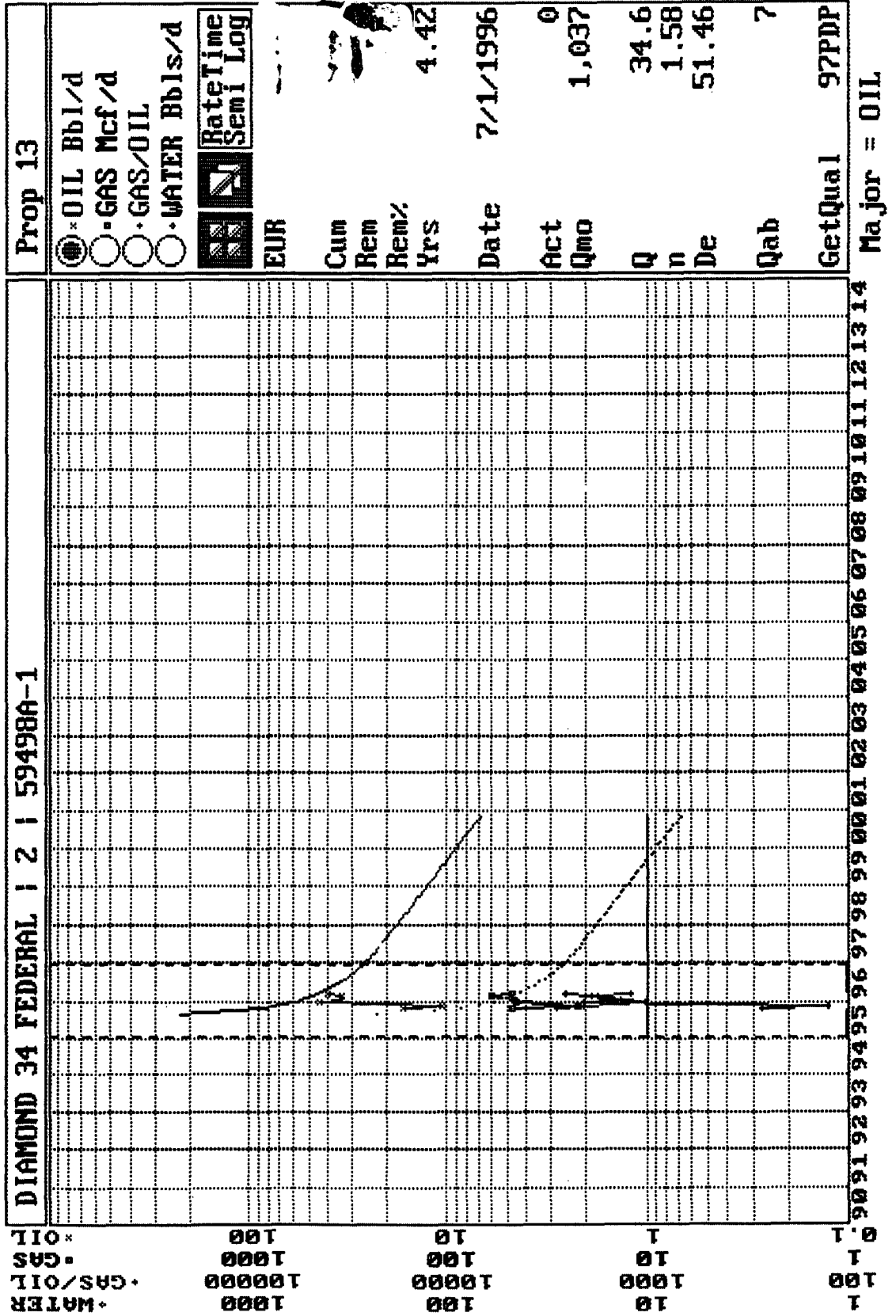
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
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¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

				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 Donna Williams Printed Name Regulatory Compliance Title 7/10/96 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> Date of Survey Signature and Seal of Professional Surveyer: Certificate Number

Delaware - Upper Zone



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⁴ Property Code 17561	⁵ Property Name Diamond '34' Federal	⁶ Well Number # 2
⁷ OGRID No. 26485	⁸ Operator Name Meridian Oil Inc.	⁹ Elevation 3649'

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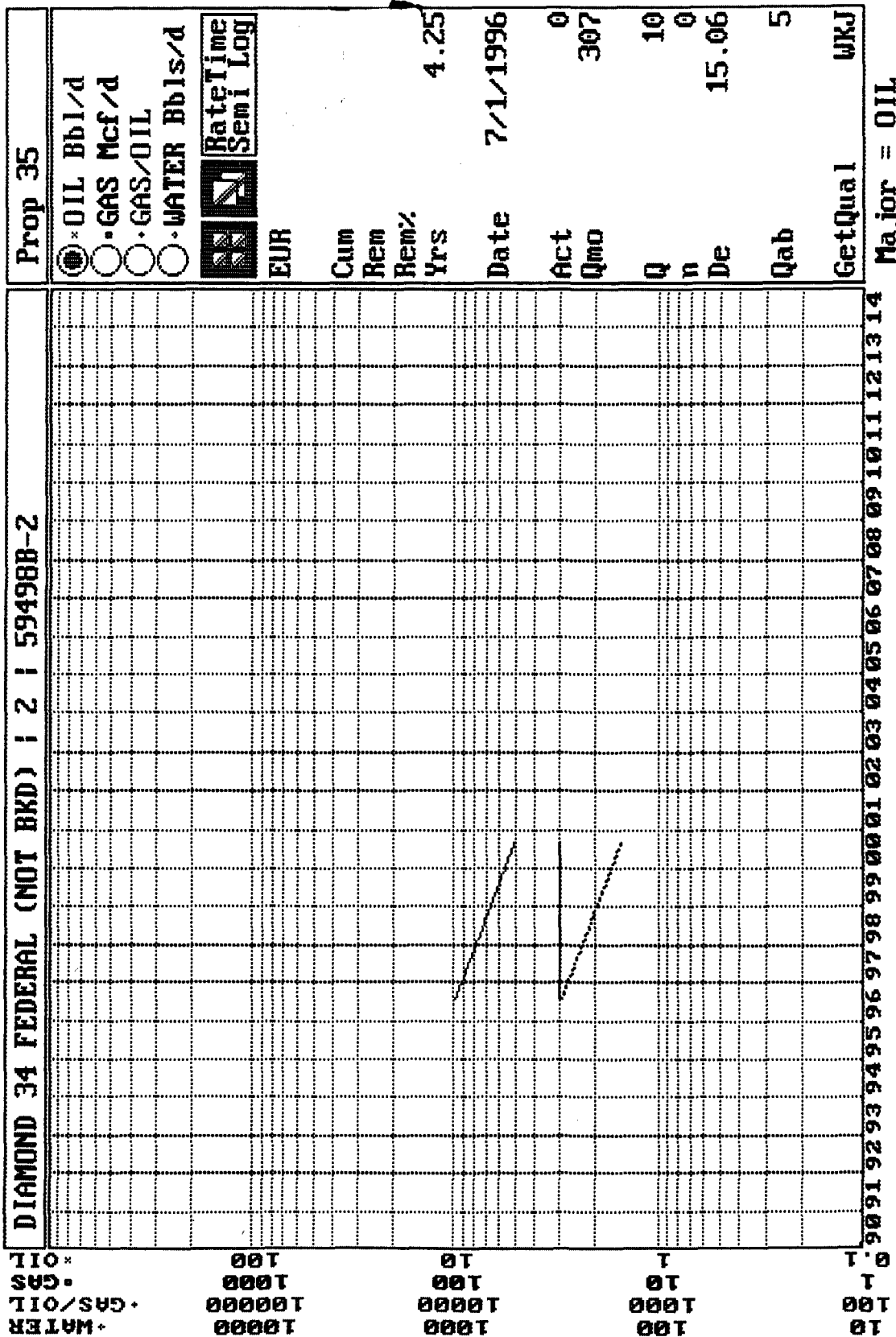
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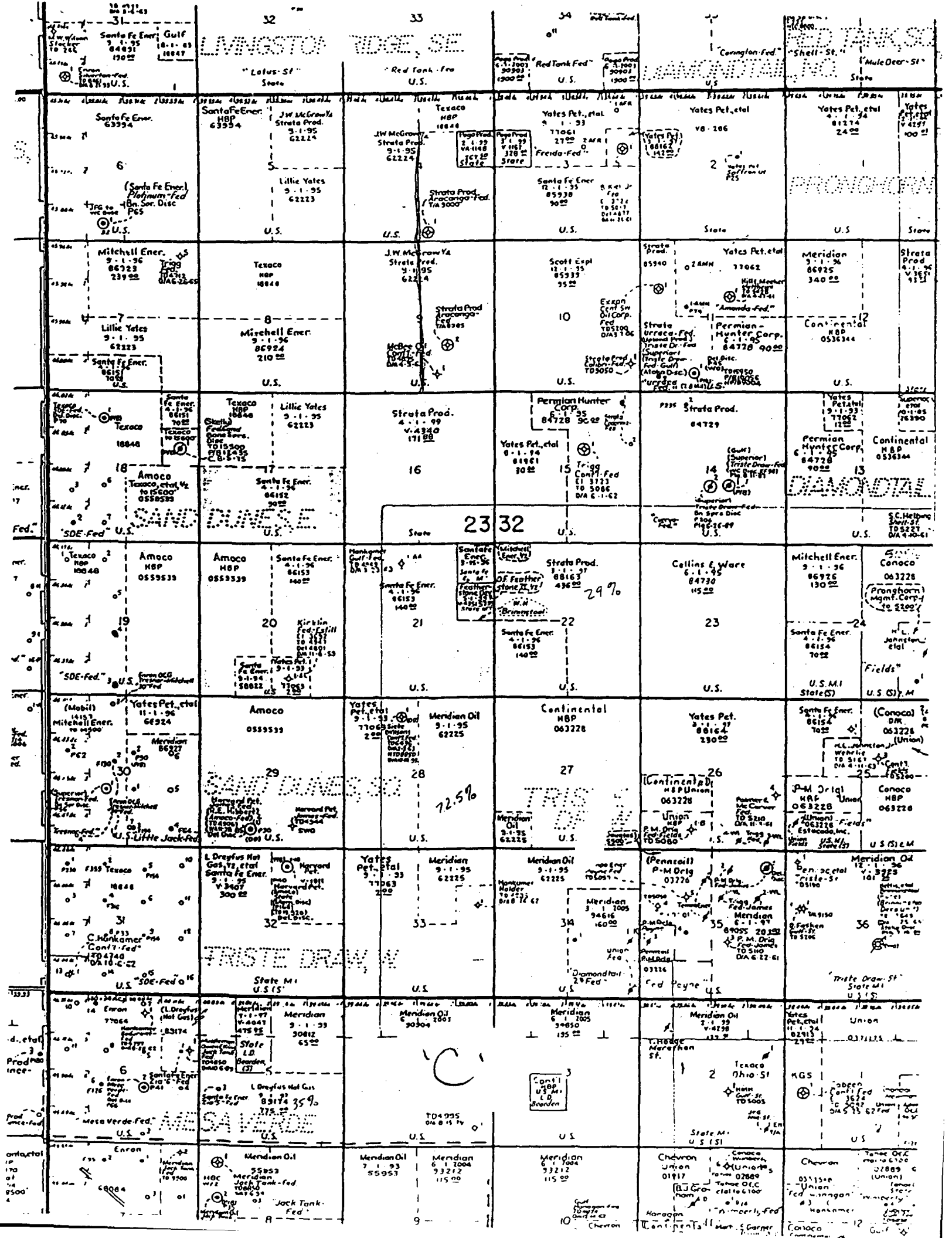
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Bone Spring- Lower Zone



Major = OIL



MERIDIAN OIL INC.
APPLICATION FOR ADMINISTRATIVE APPROVAL
DOWNHOLE COMMINGLING
DIAMOND '34' FEDERAL WELL NO. 2
LEA COUNTY, NEW MEXICO

Conoco, Inc.
10 Desta Drive, Ste 100W
Midland, Texas 79705-4500

Pennzoil Exploration & Production
Box 2967
Houston, Texas 77252-2967

Unocal
1004 N. Big Spring, Ste. 300
Midland, Texas 79701

Yates Petroleum Corporation
105 S. 4th
Artesia, New Mexico 88210