



Texaco Exploration & Production

Texaco Exploration & Production

May 30, 1997

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GOV-STATE AND LOCAL GOVERNMENTS

Exception to NMOCD Rule 303 (A).

Application to Downhole Commingle

Teague;Tubb North (Assoc)/Teague; Drinkard-Abo, North (Assoc) Pools

G.W. Sims "B" #1

Unit Letter B, Sec. 9, 23S, 37E

Lea County, New Mexico

State of New Mexico
Energy and Minerals Department
Oil Conservation Commission
2040 South Pacheco
Santa Fe, New Mexico 87505

Attention: Mr. Ben Stone

Texaco Exploration & Production Inc., respectfully requests administrative approval to downhole commingle the TeagueTubb North (Assoc) and the Teague Drinkard Abo North (Assoc) Pool within the subject wellbore. Currently the well is a dual completion. Texaco operates 100% of the offset acreage, therefore notification of this application is complete. The royalty is common in all zones.

The proposed downhole commingling will provide a more economical means of production. It will allow complete development of the productive capacity on the subject lease by allowing both intervals to be artificially lifted simultaneously. This will extend the productive life of both completions, thereby preventing waste.

The subject well meets all of requirements as set forth by Rule 303 (C). In addition, it should be noted that all produced fluids have entered a common production facility with no fluid compatibility problems.

It is requested that the allocation of production for each zone be allocated to the TeagueTubb North (Assoc) and the Teague Drinkard Abo North (Assoc) Pool by the Fixed Percentage Allocation Formula % for each zone based on previous production. (See form C-107A).

If you have any questions concerning this application, please contact Paula S. Ives at (505)397-0432.

Yours very truly,

A handwritten signature in cursive script, appearing to read "Paula S. Ives".

Paula S. Ives
Engineer Assistant

Attachments

cc: Chris Williams/NMOCD/Hobbs

DISTRICT I

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

DISTRICT II

P.O. Box Drawer DD, Artesia, NM 88211-0719

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

P.O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised February 10, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT**OIL CONSERVATION DIVISION**

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30 025 32223	² Pool Code 96315	³ Pool Name NORTH TEAGUE - TUBB ASSOCIATED
⁴ Property Code 013194	⁵ Property Name SIMS, G. W.	⁶ Well No. 1
⁷ OGRID Number 022351	⁸ Operator Name TEXACO EXPLORATION & PRODUCTION INC.	⁹ Elevation GR-3310, KB-3324

¹⁰ Surface Location

UI or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
B	9	23S	37E		510	N	2230	E	Lea

¹¹ Bottom Hole Location If Different From Surface

UI or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County

¹² Dedicated Acres 160	¹³ Joint or Infill No	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

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
	Printed Name Darrell J. Carriger
	Position Engineering Assistant
	Date 11/15/94
	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 knowledge and belief.
	Date Surveyed
	Signature & Seal of Professional Surveyor
	Certificate No.

DISTRICT I

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

DISTRICT II

P.O. Box Drawer DD, Artesia, NM 88211-0719

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

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OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL FILE ☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

¹ API Number 30 025 32223	² Pool Code 96313	³ Pool Name NORTH TEAGUE DRINKARD ABO
⁴ Property Code 013194	⁵ Property Name SIMS, G. W.	⁶ Well No. 1
⁷ OGRID Number 022351	⁸ Operator Name TEXACO EXPLORATION & PRODUCTION INC.	⁹ Elevation GR-3310, KB-3324

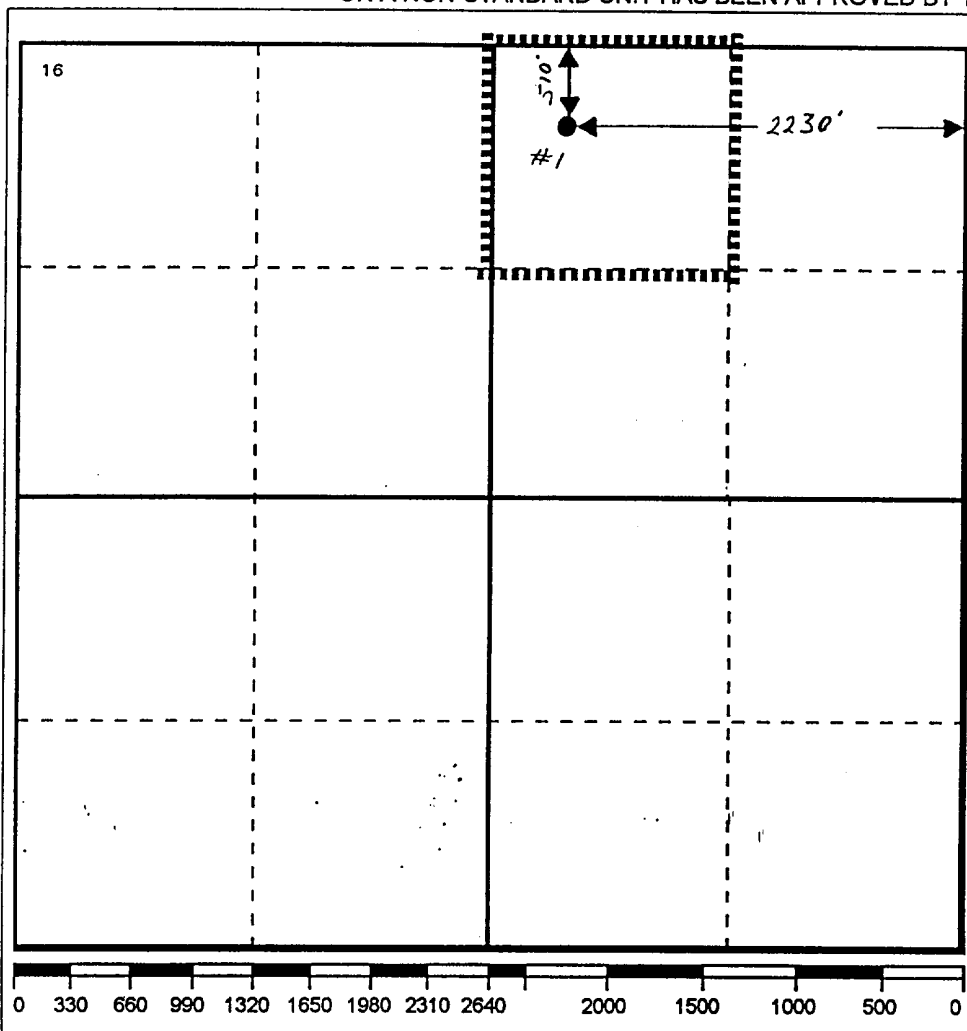
¹⁰ Surface Location

UI or lot no. B	Section 9	Township 23S	Range 37E	Lot.Idn	Feet From The 510	North/South Line N	Feet From The 2230	East/West Line E	County Lea
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¹¹ Bottom Hole Location If Different From Surface

UI 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 No	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

**17 OPERATOR CERTIFICATION**

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

Signature

Darrell J. Carriger

Printed Name

Darrell J. Carriger

Position

Engineering Assistant

Date

11/15/94

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 knowledge and
belief.

Date Surveyed

Signature & Seal of

Professional Surveyor

Certificate No.

SIMS, G. W. 1 TEAGUE TUBB, NORTH (ASSOC.)

TEPI NUL

10000

1000

100

10

1

0.1

95 95.2 95.4 95.6 95.8 96 96.2 96.4 96.6 96.8 97 97.2 97.4

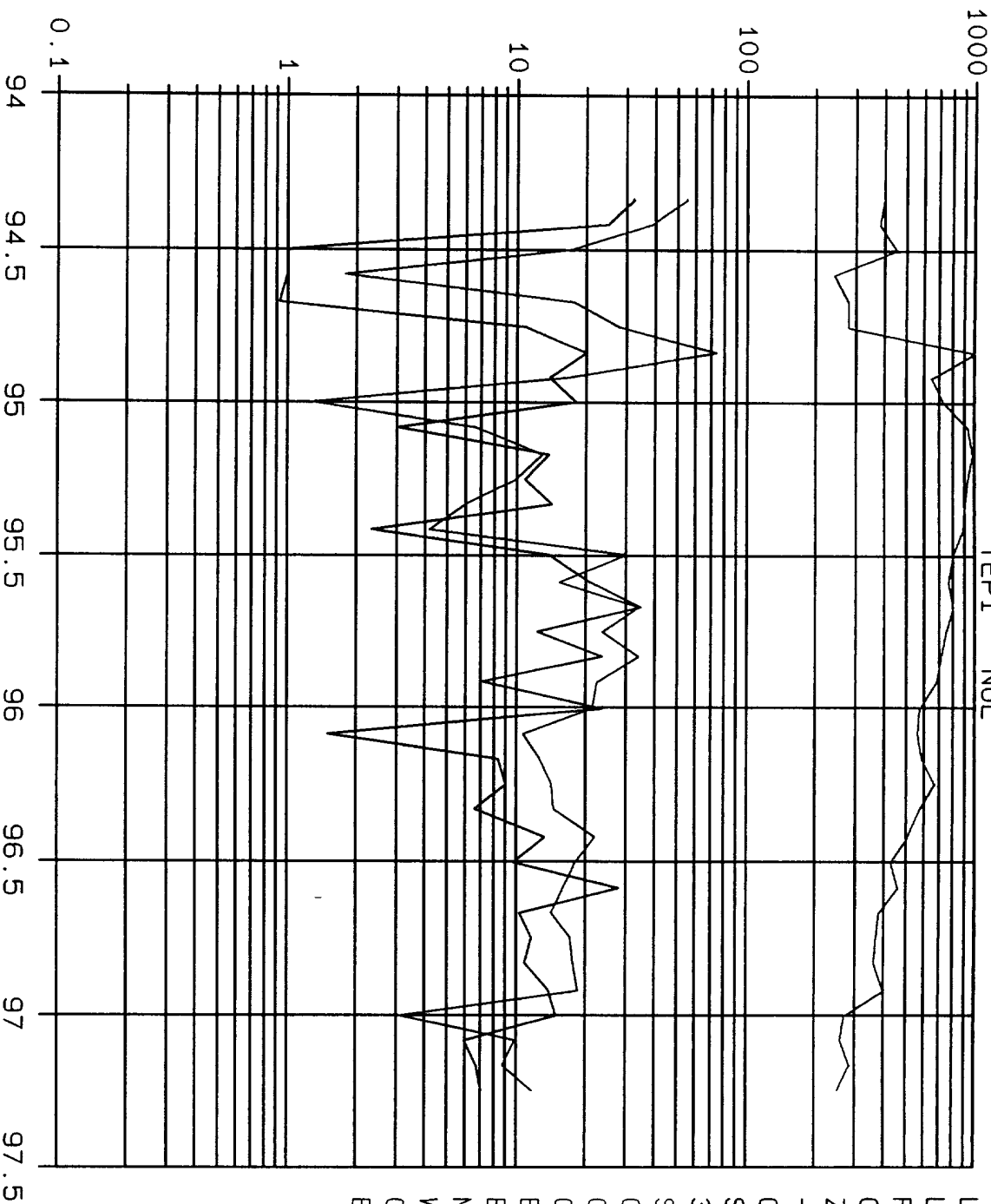
YEARS

BOPD BWPD MCFPD

LEASE DATA
LSE 013194
FLD 96315
OPER TEPI
ZONE NUL
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COUNTY 025
STATE 30
30025322230002
STATUS 3-97
CO 13 MBO
CG 400 MCF
CW 3 MBW
BOPD 13
BWPD 5
MCFPD 208
WELLS 1
CI 0 MBWI
BWIPD 0

SIMS, G. W. 1 TEAGUE DRINKARD-ABO, NORTH (ASSOC.)

TEPI NUL



LEASE DATA
LSE 013194
FLD 96313
OPER TEPI
ZONE NUL
--
COUNTY 025
STATE 30
30025322230001
STATUS 3-97
CO 21 MBO
CG 623 MMCF
CM 14 MBW
BOPD 12
BWPD 2
MCFPD 250
WELLS 1
CI 0 MBWI
BWIPD 0

YEARS

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240
DISTRICT II
811 South First St., Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION
2040 S. Pacheco
Santa Fe, New Mexico 87505-8429

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

APPROVAL PROCESS:
___ Administrative ___ Hearing
EXISTING WELLBORE
X YES ___ NO

APPLICATION FOR DOWNHOLE COMMINGLING

Texaco Exploration & Producing Inc. 205 East Bender Hobbs, New Mexico 88240
Operator Address

Sims G. W. 1 B 9, 23S, 37E, Lea
Lease Well No. Unit Ltr. - Sec - Tws - Rge County

Spacing Unit Lease Types: (check 1 or more)
OGRID NO. 022345 Property Code 013194 API NO. 30-025-32223 Federal _____, State _____, (and/or) Fee X
X

The following facts are submitted in support of downhole commingling:	Lower Zone	Intermediate Zone	Upper Zone
1. Pool Name and Pool Code	Teague; Tubb, North (Assoc) 96315		Teague; Drinkard Abo, North (Assoc) 96313
2. Top And Bottom of Pay Section (Perforations)	6098'-6244'		6424'-6995'
3. Type of production (Oil or Gas)	Gas		Oil
4. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
5. Bottomhole Pressure Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated Or Measured Original	(Current) a. 560	a.	a. 615
	(Original) b.	b.	b.
6. Oil Gravity (* API) or Gas BTU Content	41		41.5
7. Producing or Shut-In? Production Marginal? (yes or no)	Producing Yes		Producing 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 (within 60 days)	Date: Rates:		
	Date: 3-97 Rates: 13/208/5		Date: 3-97 Rates: 12/250/7
8. Fixed Percentage Allocation Formula -% for each zone	Oil: 52 % Gas: 45 %	Oil: % Gas: %	Oil: 48 % Gas: 55 %

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? X 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? X Yes ___ No
11. Will cross-flow occur? ___ Yes X 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 other? X Yes ___ No
13. Will the value of production be decreased by commingling? ___ Yes X No (If Yes, attach explanation)
14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Land or the United States Bureau of Land Management has been notified in writing of this application. X Yes ___ No
15. NMOCD 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 deication.
 - * Production curve for each zone for at lease one year. (If not available, attach explanation.)
 - * For zones with no production history, estimated production rates and supporting data.
 - * 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 Paula S. Ives TITLE Engineer DATE 05-30-97
TYPE OR PRINT NAME Paula S. Ives TELEPHONE NO. (505) 397-0432