

NSL - 4701

DATE IN	SURPENSE	ENGINEER	LOGGED	TYPE
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION  
- Engineering Bureau -

**ADMINISTRATIVE APPLICATION COVERSHEET**

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

**Application Acronyms:**

[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]  
[DD-Directional Drilling] [SD-Simultaneous Dedication]  
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

- [A] ☒ Location - Spacing Unit - Directional Drilling  
☒ NSL ☐ NSP ☐ DD ☐ SD

Check One Only for [B] and [C]

- [B] Commingling - Storage - Measurement  
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or ☒ Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners  
[B] ☐ Offset Operators, Leaseholders or Surface Owner  
[C] ☐ Application is One Which Requires Published Legal Notice  
[D] ☐ Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office  
[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,  
[F] ☐ Waivers are Attached

[3] **INFORMATION / DATA SUBMITTED IS COMPLETE** - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

SCOTT M. INGRAM  
Print or Type Name

Scott M. Ingram  
Signature

TECHNICAL TEAM LEADER  
Title

2/13/02  
Date

**Texaco Exploration and  
Production Inc.**  
Permian Business Unit  
15 Smith Road  
Midland, Texas  
79705  
Tel 915.687.7212  
Fax 915.687.7905

**Scott M. Ingram**  
Technical Team Leader - Carlsbad

February 13, 2002

**ChevronTexaco**

Request for Administrative Approval  
Of Unorthodox Gas Well Location:  
New Mexico 'DF' State Com #4  
2310' FSL & 1650' FEL  
Sect 32, T-21S R-23E  
Eddy County, New Mexico

New Mexico Oil Conservation Division  
Attn: Mr. Michael Stogner  
2040 South Pacheco  
Santa Fe, New Mexico 87505

Dear Mr. Stogner,

Texaco Exploration and Production, Inc. hereby requests NMOCD administrative approval for an unorthodox gas well location. With your approval we plan to produce the New Mexico 'DF' State Com #4 as a gas well in the Morrow formation.

The subject well was originally permitted in the Indian Basin Morrow and Indian Basin Upper Penn pools on 6/3/01 and successfully completed in the Morrow on 10/11/01. However, this office was recently notified by Mr. Bryan Arrant of your Artesia office that the subject well had been permitted and approved incorrectly for the Morrow and would have to be re-permitted into a different pool as the well could not be added to the Indian Basin Morrow pool.

As background, the DF #4 was economically justified as an Upper Penn replacement for either the 'DF' State Com #1 or 3, both currently producing in the Indian Basin Upper Penn pool. The Morrow portion of the hole was a wildcat tail, which proved productive. The 'DF' #4 location is a standard location for the Indian Basin Upper Penn; and was standard in the Indian Basin Morrow pool but, as stated above, must be permitted in a different Morrow pool.

Based on statewide rules (320-acre proration unit for gas wells), the location is an unorthodox location, encroaching on an internal proration boundary. This location was selected as it: 1) minimized surface impact due to topographic relief, 2) best mitigated subsurface risks related to a west-bounding Pennsylvanian fault as seen on the attached Cisco Structure map, and 3) fulfilled the desire to drill near equidistant between the 'DF' #1 and #3 wells for future salvage consideration in the Upper Penn pool.

As I understand from our discussions on 2/8 and 2/12/02, no offset operator notice is necessary as this location encroaches only on an internal proration boundary.

Mr. Stogner

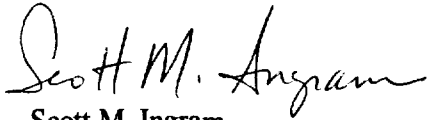
February 13, 2002

Page 2

There are no Morrow pools within a mile of the subject well; therefore, Mr. Bryan Arrant of your Artesia office has instructed me to list the pool name on the attached C-102 as 'Wildcat Morrow'.

If you have any questions concerning this application, please contact me at (915) 687-7212.

Sincerely,

A handwritten signature in black ink that reads "Scott M. Ingram". The signature is fluid and cursive, with the first name "Scott" and last name "Ingram" clearly legible.

Scott M. Ingram

cc: NMOCD - Artesia District II  
wellfile  
Dave Crawford  
Denise Leake  
Danny Lovell  
Mike Mullins

DISTRICT I  
P. O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P. O. Drawer DD, Artesia, NM 88210

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

OIL CONSERVATION DIVISION

PO Box 2088  
Santa Fe, NM 87504-2088

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number		<sup>2</sup> Pool Code		<sup>3</sup> Pool Name WILDCAT MORROW					
<sup>4</sup> Property Code		<sup>5</sup> Property Name New Mexico "DF" State Com						<sup>6</sup> Well Number 4	
<sup>7</sup> GRID No. 22351		<sup>8</sup> Operator Name TEXACO EXPLORATION & PRODUCTION, INC.						<sup>9</sup> Elevation 4073'	
<sup>10</sup> Surface Location									
UL or lot no. J	Section 32	Township 21-S	Range 23-E	Lot Idn	Feet from the 2310'	North/South line South	Feet from the 1650'	East/West line East	<sup>7</sup> County Eddy
<sup>11</sup> 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	<sup>7</sup> County
<sup>12</sup> Dedicated Acres 320		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> Order No.			

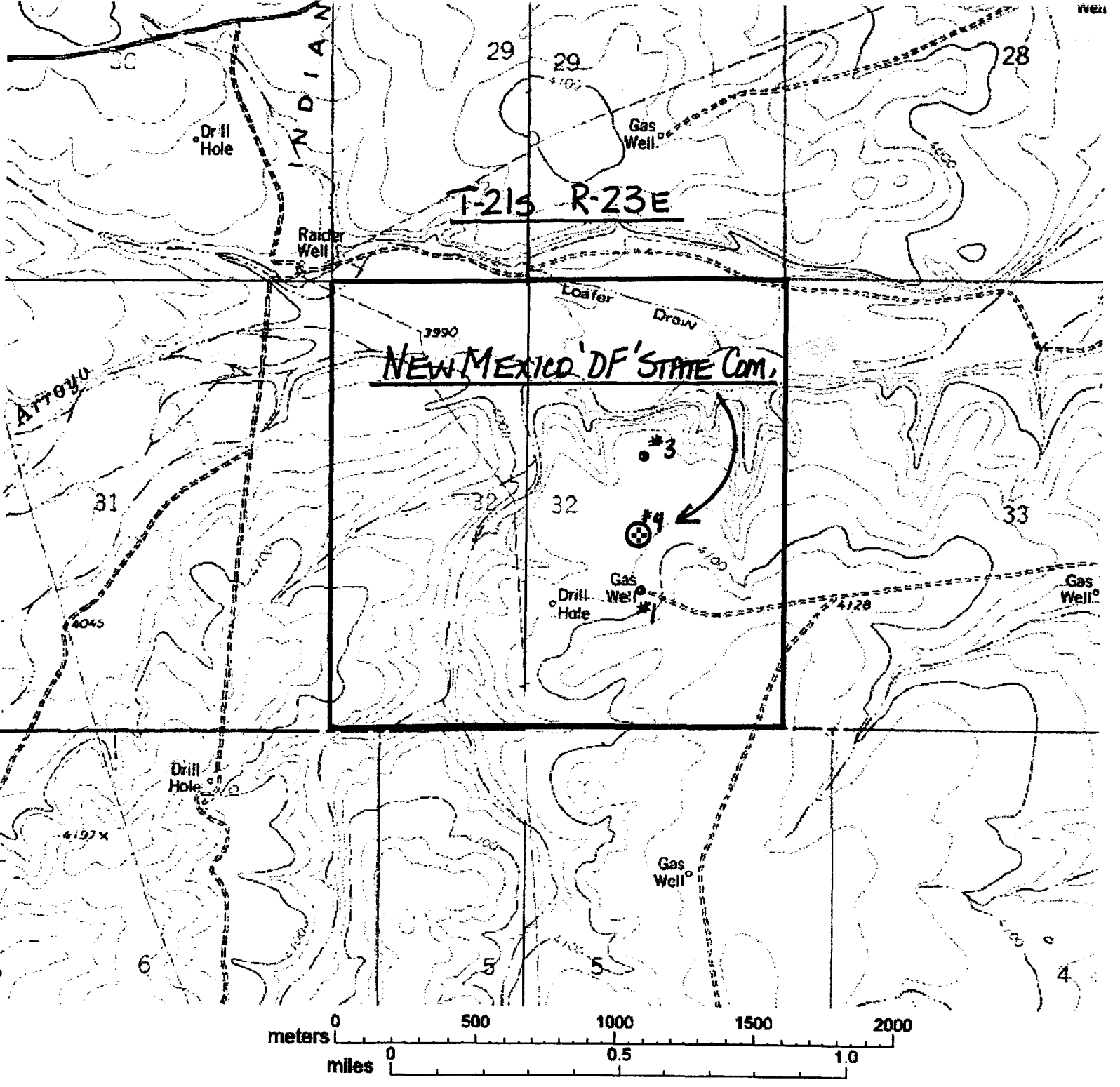
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION.

	<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
	Signature <i>A. Phil Ryan</i>	
	Printed Name A. Phil Ryan	
	Position Commissioner Coordinator	
	Company Texaco Expl. & Prod. Inc.	
Date June 14, 2001		
	<sup>18</sup> 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 June 12, 2001	
	Signature & Seal of Professional Surveyor <i>John S. Piper</i>	
	Certificate No. 7254 John S. Piper	
	Sheet 1 of 1	

○ = Staked Location ● = Producing Well ↗ = Injection Well ↘ = Water Supply Well ⊕ = Plugged & Abandon Well  
⊙ = Found Section Corner, 2 or 3" Iron Pipe & GLO B.C. ○ = Found /4 Section Corner, 1" Iron Pipe & GLO B.C.

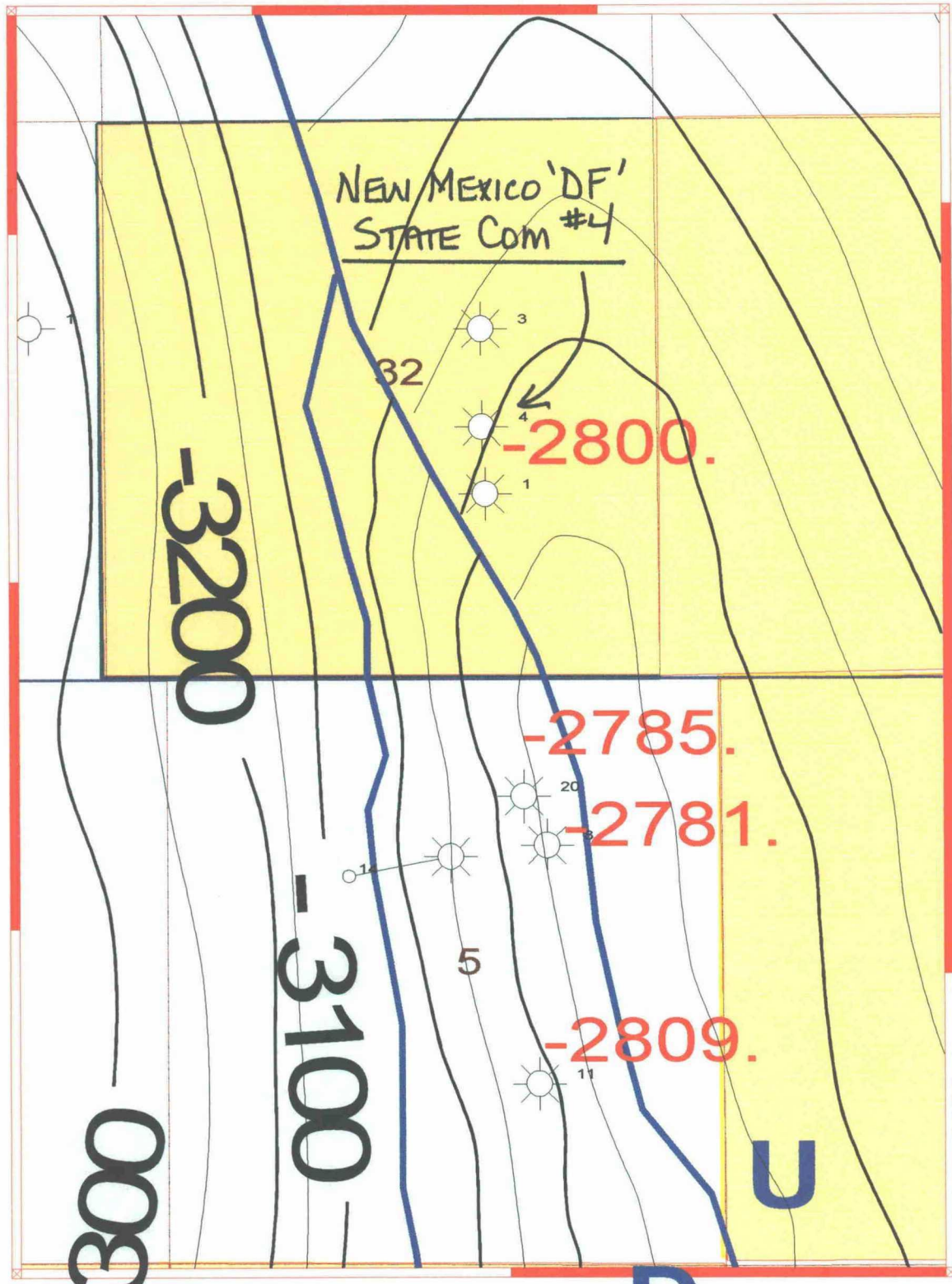
ADDITIONAL INFORMATION ON THE LOCATION

State Plane Coordinates			
Northing 521862.59 (1927=521805.44)		Easting 452563.22 (1927=411384.04)	
Latitude 32°26'03.615" (1927=32°26'03.224")		Longitude 104°37'15.878" (1927=104°37'14.007")	
Zone	North American Datum	Combined Grid Factor	Coordinate File
East	1983	0.999722	Indian2.CR5
Drawing File		Field Book	
NM_DF_St4.Dwg		Eddy #9, Pg. 22	





535000.



Scale 1:18000.



CHEMONTXACO

INDIAN BASIN FIELD  
Texaco - NM State 'DF' State Com. #4  
Structure Map On Cisco Dolomite

C.I. = 50'

S.M. Ingram

Scale 1:18000.

{date}

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. 1st Street, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

Energy, Minerals & Natural Resources

Revised March 17, 1999

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

JUN 2001  
RECEIVED  
OCD - ARTESIA

Submit to appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

<sup>1</sup> Operator Name and Address Texaco Exploration & Production 500 N. Loraine Midland, Texas 79702		<sup>2</sup> OGRID Number 022351
<sup>4</sup> Property Code 11032	<sup>5</sup> Property Name NEW MEXICO 'DF' STATE COM	<sup>3</sup> API Number 30- 015- 51853
		<sup>6</sup> Well No. 4

<sup>7</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
J	32	21-S	23-E		2310'	SOUTH	1650'	EAST	EDDY

<sup>8</sup> Proposed 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

<sup>9</sup> Proposed Pool 1

INDIAN BASIN; MORROW

<sup>10</sup> Proposed Pool 2

INDIAN BASIN; MORROW

UPPER PENN

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary ROTARY	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 4073'
<sup>16</sup> Multiple NO	<sup>17</sup> Proposed Depth 9200'	<sup>18</sup> Formation MORROW; CISCO	<sup>19</sup> Contractor	<sup>20</sup> Spud Date 7/15/01

<sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
14 3/4"	9 5/8"	36#	2000'	2040	CIRCULATE
8 3/4"	7"	23#	9200'	1940	CIRCULATE
					Surface

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

CEMENTING PROGRAM:

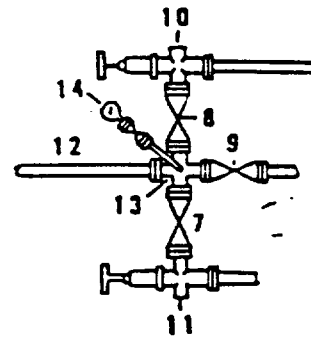
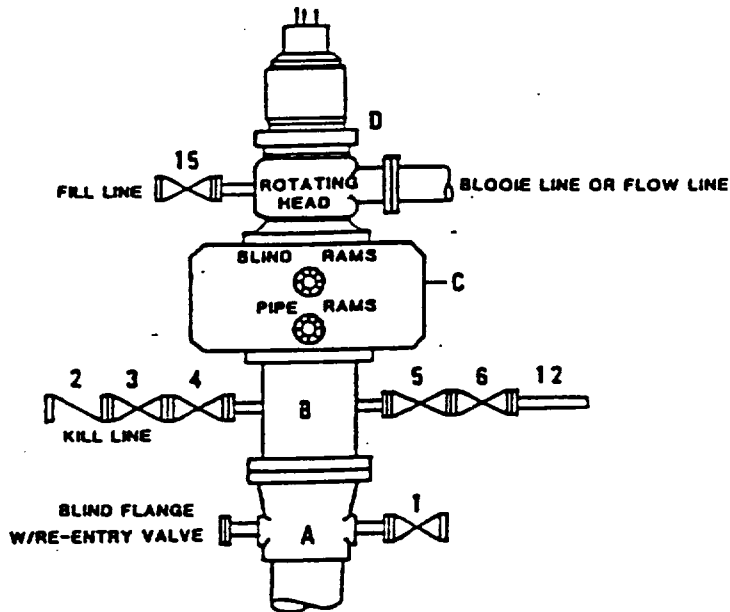
SURFACE CASING: 1320 sacks 35/65 Poz Class H w/6% Gel, 5% Salt, 1/4# FC (12.8 PPG, 1.94 CF/S, 10.46 GW/S).  
F/B 720 sacks Class H (15.6 PPG, 1.18 CF/S, 5.20 GW/S).  
PRODUCTION CASING: 1050 sacks 35/65 Poz Class H w/6% Gel, 5% Salt, 1/4# FC (12.4 PPG, 2.14 CF/S, 11.95 GW/S).  
F/B 890 sacks 50/50 Poz Class H w/2% Gel, 5% Salt, 1/4# FC (14.2 PPG, 1.35 CF/S, 6.30 GW/S).

No Salt as Accelerant

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>A. Phil Ryan</i> Printed name: A. Phil Ryan Title: Commission Coordinator Date: 6/25/01		OIL CONSERVATION DIVISION Approved by: ORIGINAL SIGNED BY TIM W. GUM Title: DISTRICT II SUPERVISOR Approval Date: JUN 03 2001 Expiration Date: JUN 03 2002 Conditions of Approval: Attached <input checked="" type="checkbox"/>	
Phone: (915) 688-4606		NOTIFY OCD SPUD & TIME TO WITNESS CEMENTING OF SURFACE & INTERMEDIATE	

**DRILLING CONTROL  
CONDITION II-B 3000 WP  
FOR AIR DRILLING OR  
WHERE NITROGEN OR AIR BLOWS ARE EXPECTED**

H<sub>2</sub>S TRIM REQUIRED  
YES \_\_\_\_\_ NO X



**DRILLING CONTROL  
MATERIAL LIST - CONDITION II - B**

- |            |   |
|------------|---|
| A          | Texaco Wellhead   |
| B          | 3000# W.P. drilling spool with a 2" minimum flanged outlet for kill line and 3" minimum flanged outlet for choke line.  |
| C          | 3000# W.P. Dual ram type preventer, hydraulic operated with 1" steel, 3000# W.P. control lines (where sub-structure height is adequate, 2 - 3000# W.P. single ram type preventers may be utilized). |
| D          | Rotating Head with fill up outlet and extended Blooe Line.  |
| 1,3,4,7,8, | 2" minimum 3000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve.   |
| 2          | 2" minimum 3000# W.P. back pressure valve.  |
| 5,6,9      | 3" minimum 3000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve.   |
| 12         | 3" minimum schedule 80, Grade "B", seamless line pipe.  |
| 13         | 2" minimum x 3" minimum 3000# W.P. flanged cross.   |
| 10,11      | 2" minimum 3000# W.P. adjustable choke bodies.  |
| 14         | Cameron Mud Gauge or equivalent ( location optional in choke line).   |
| 15         | 2" minimum 3000# W.P. flanged or threaded full opening steel gate valve, or Halliburton Lo Torc Plug valve.   |



TEXACO, INC.  
MIDLAND DIVISION  
MIDLAND, TEXAS



SCALE	DATE	EST NO	DRG. NO.
DRAWN BY			
CHECKED BY			
APPROVED BY			

EXHIBIT C



TO: Mike Stogner

DATE IN 2/14/02	APPROVED 3/6/02	ENGINEER MS	LOGGED KN	TYPE NSL
				204529663

ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
- Engineering Bureau -

**ADMINISTRATIVE APPLICATION COVERSHEET**

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

**Application Acronyms:**

[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]  
 [DD-Directional Drilling] [SD-Simultaneous Dedication]  
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
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 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

**[1] TYPE OF APPLICATION - Check Those Which Apply for [A]**

- [A] ☒ Location - Spacing Unit - Directional Drilling  
☒ NSL ☐ NSP ☐ DD ☐ SD

Check One Only for [B] and [C]

- [B] Commingling - Storage - Measurement  
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

**[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☒ Does Not Apply**

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☐ Offset Operators, Leaseholders or Surface Owner
- [C] ☐ Application is One Which Requires Published Legal Notice
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 U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
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**[3] INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding**

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

SCOTT M. INGRAM

Print or Type Name

Scott M. Ingram

Signature

TECHNICAL TEAM LEADER

Title

2/13/02

Date

Texaco Exploration and  
Production Inc.  
Permian Business Unit  
15 Smith Road  
Midland, Texas  
79705  
Tel 915.687.7212  
Fax 915.687.7905

Scott M. Ingram  
Technical Team Leader - Carlsbad

February 13, 2002

**ChevronTexaco**

Request for Administrative Approval  
Of Unorthodox Gas Well Location:  
New Mexico 'DF' State Com #4  
2310' FSL & 1650' FEL  
Sect 32, T-21S R-23E  
Eddy County, New Mexico

(30-015-31853)

New Mexico Oil Conservation Division  
Attn: Mr. Michael Stogner  
2040 South Pacheco  
Santa Fe, New Mexico 87505

Dear Mr. Stogner,

Texaco Exploration and Production, Inc. hereby requests NMOCD administrative approval for an unorthodox gas well location. With your approval we plan to produce the New Mexico 'DF' State Com #4 as a gas well in the Morrow formation.

The subject well was originally permitted in the Indian Basin Morrow and Indian Basin Upper Penn pools on 6/3/01 and successfully completed in the Morrow on 10/11/01. However, this office was recently notified by Mr. Bryan Arrant of your Artesia office that the subject well had been permitted and approved incorrectly for the Morrow and would have to be re-permitted into a different pool as the well could not be added to the Indian Basin Morrow pool.

As background, the DF #4 was economically justified as an Upper Penn replacement for either the 'DF' State Com #1 or 3, both currently producing in the Indian Basin Upper Penn pool. The Morrow portion of the hole was a wildcat tail, which proved productive. The 'DF' #4 location is a standard location for the Indian Basin Upper Penn and was standard in the Indian Basin Morrow pool but, as stated above, must be permitted in a different Morrow pool.

Based on statewide rules (320-acre proration unit for gas wells), the location is an unorthodox location, encroaching on an internal proration boundary. This location was selected as it: 1) minimized surface impact due to topographic relief, 2) best mitigated subsurface risks related to a west-bounding Pennsylvanian fault as seen on the attached Cisco Structure map, and 3) fulfilled the desire to drill near equidistant between the 'DF' #1 and #3 wells for future salvage consideration in the Upper Penn pool.

As I understand from our discussions on 2/8 and 2/12/02, no offset operator notice is necessary as this location encroaches only on an internal proration boundary.

Mr. Stogner

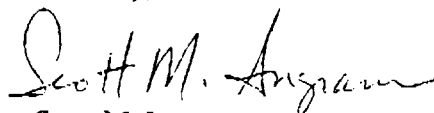
February 13, 2002

Page 2

There are no Morrow pools within a mile of the subject well; therefore, Mr. Bryan Arrant of your Artesia office has instructed me to list the pool name on the attached C-102 as 'Wildcat Morrow'.

If you have any questions concerning this application, please contact me at (915) 687-7212.

Sincerely,



Scott M. Ingram

cc: NMOCD - Artesia District II  
wellfile  
Dave Crawford  
Denise Leake  
Danny Lovell  
Mike Mullins

DISTRICT I  
P. O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P. O. Drawer 00, Artesia, NM 88210

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

OIL CONSERVATION DIVISION

PO Box 2088  
Santa Fe, NM 87504-2088

Form C-102  
Revised February 10, 1994

Instructions on back

Submit to Appropriate District Office

State Lease-4 copies  
Free Lease-3 copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code		3 Pool Name <i>WILDCAT MURROW</i>					
4 Property Code		5 Property Name New Mexico "DF" State Com						6 Well Number 4	
7 OCRIID No. 22351		8 Operator Name TEXACO EXPLORATION & PRODUCTION, INC.						9 Elevation 4073'	
10 Surface Location									
UL or lot no. J	Section 32	Township 21-S	Range 23-E	Lot Id#	Feet from the 2310'	North/South line South	Feet from the 1650'	East/West line East	County Eddy
11 Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Id#	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 320		13 Joint or Infill		14 Consolidation Code		15 Order No.			

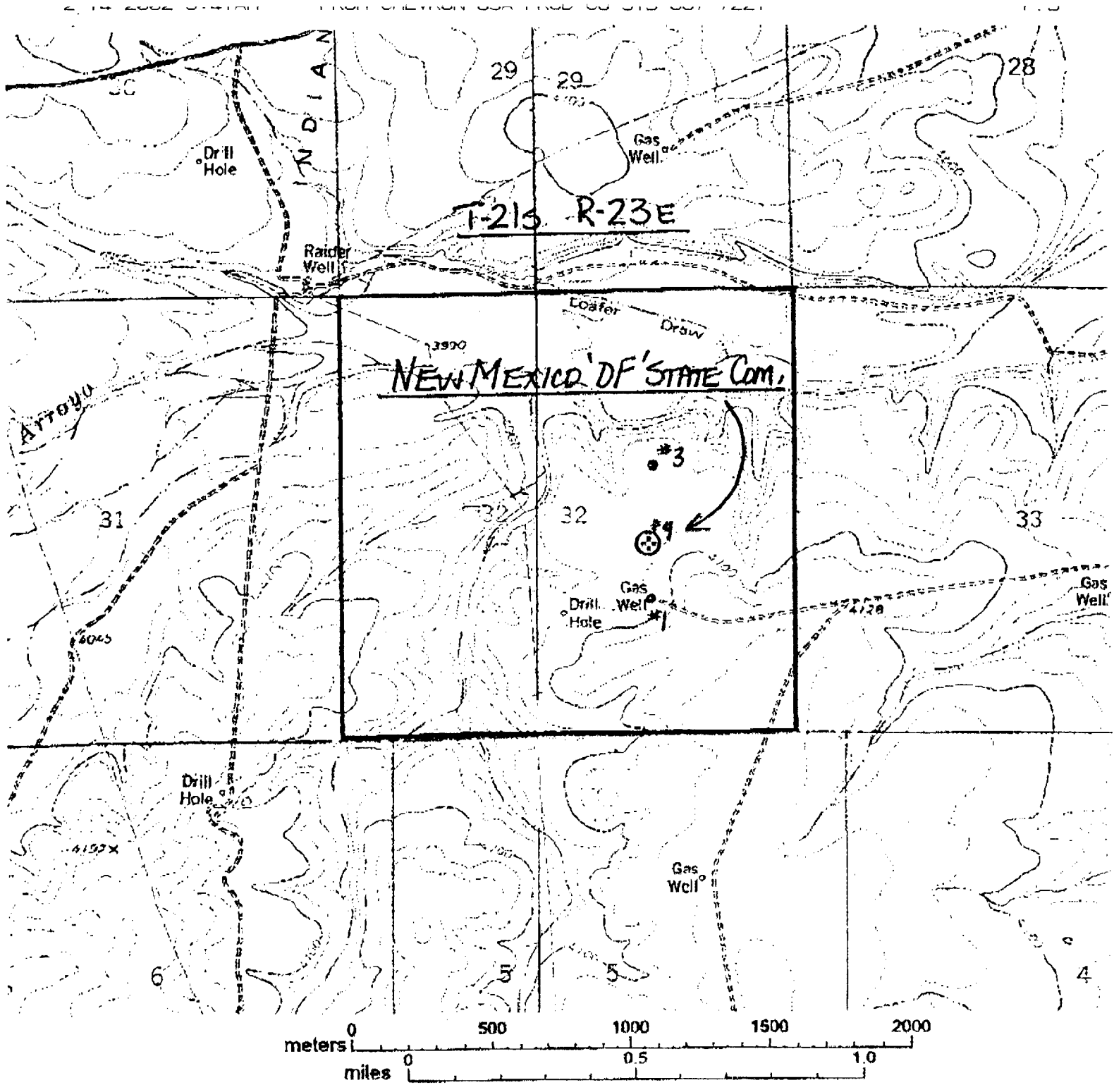
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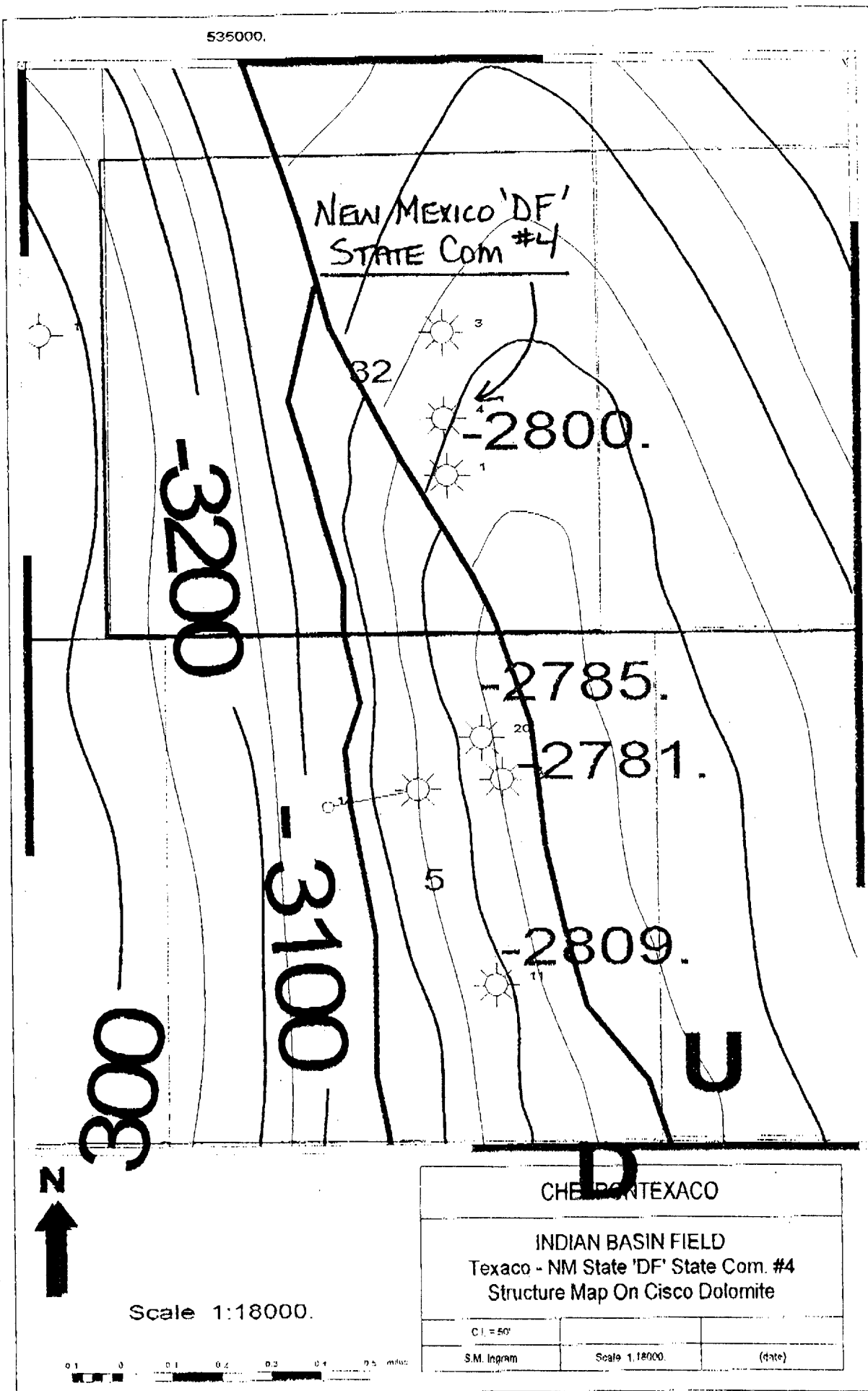
	<b>16 OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
	Signature <i>A. Phil Ryan</i> Printed Name A. Phil Ryan	
	Position Commissioner Coordinator	
	Company Texaco Expl. & Prod. Inc.	
	Date June 14, 2001	
	<b>17 SURVEYOR CERTIFICATION</b> 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 June 12, 2001	
	Signature & Seal of Professional Surveyor <i>John S. Piper</i>	
	Certificate No. 7254 John S. Piper	
	Sheet 1 of 1	

○ = Staked Location    ● = Producing Well    ✕ = Injection Well    ◇ = Water Supply Well    ◆ = Plugged & Abandon Well  
 ⊙ = Found Section Corner, 2 or 3" Iron Pipe & GLO B.C.    ○ = Found 1/4 Section Corner, 1" Iron Pipe & GLO B.C.

ADDITIONAL INFORMATION ON THE LOCATION

State Plane Coordinates			
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Drawing File		Field Book	
NM DE 644.Dwg		F.B. "C.D. 2001"	







## Energy, Minerals &amp; Natural Resources

Revised March 17, 1997

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. 1st Street, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

JUN 2001  
RECEIVED  
OCD - ARTESIA

Submit to appropriate District Office:  
State Lease - 6 Copies  
Fee Lease - 5 Copies

☐ AMENDED REPORT

## APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

<sup>1</sup> Operator Name and Address Texaco Exploration & Production 500 N. Loraine Midland, Texas 79702		<sup>2</sup> OGRID Number 022351
<sup>4</sup> Property Code 11032	<sup>3</sup> Property Name NEW MEXICO 'DE' STATE OCM	<sup>3</sup> API Number 30- OIS- 31853
		<sup>6</sup> Well No. 4

<sup>7</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
J	32	21-S	23-E		2310'	SOUTH	1650'	EAST	EDDY

<sup>8</sup> Proposed 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

<sup>9</sup> Proposed Pool 1

INDIAN BASIN; MORROW

<sup>10</sup> Proposed Pool 2

INDIAN BASIN; CISCO

UPPER PENN

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary ROTARY	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 4073'
<sup>16</sup> Multiple NO	<sup>17</sup> Proposed Depth 9200'	<sup>18</sup> Formation MORROW; CISCO	<sup>19</sup> Contractor	<sup>20</sup> Spud Date 7/15/01

<sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
14 3/4"	9 5/8"	36#	2040'	2040	CIRCULATE
8 3/4"	7"	23#	9200'	1940	CIRCULATE
					Surface

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

## CEMENTING PROGRAM:

SURFACE CASING: 1320 sacks 35/65 Poz Class H w/6% Gel, 5% Salt, 1/4# FC (12.8 PPG, 1.94 CF/S, 10.46 GW/S).  
F/B 720 sacks Class H (15.6 PPG, 1.18 CF/S, 5.20 GW/S).  
PRODUCTION CASING: 1050 sacks 35/65 Poz Class H w/6% Gel, 5% Salt, 1/4# FC (12.4 PPG, 2.14 CF/S, 11.95 GW/S). F/B 890 sacks 50/50 Poz Class H w/2% Gel, 5% Salt, 1/4# FC (14.2 PPG, 1.35 CF/S, 6.30 GW/S).

No Salt as Accelerator

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

A. Phil Ryan

Printed name: A. Phil Ryan

Title: Commission Coordinator

Date:

6/25/01

Phone:

(915) 688-4606

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY TIM W. GUM  
DISTRICT II SUPERVISOR

Title:

Approval Date: JUN 03 2001

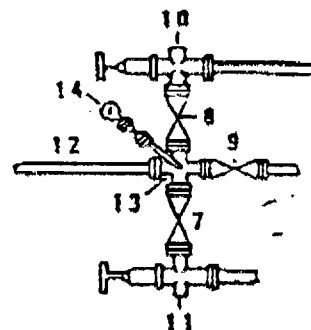
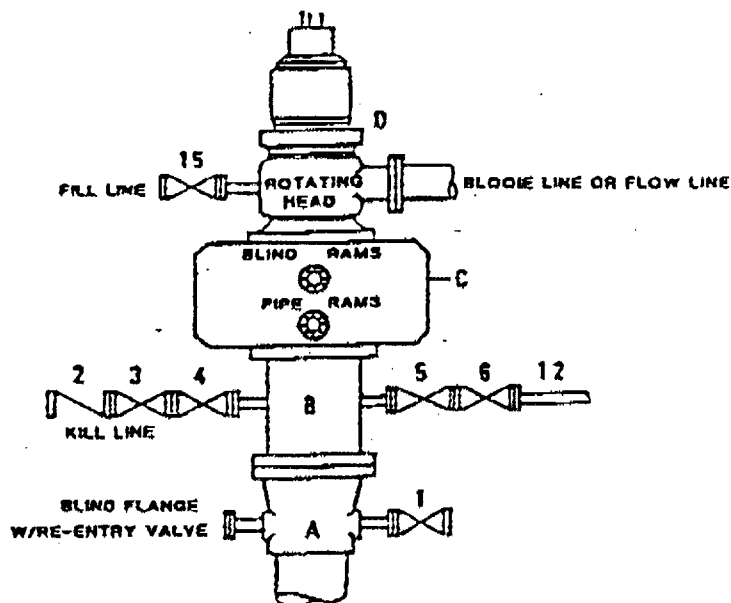
Expiration Date: JUN 03 2002

Conditions of Approval:

Attached ☒

NOTIFY OCD SPUD & TIME TO WITNESS  
CEMENTING OF SURFACE &  
INTERMEDIATE

**DRILLING CONTROL  
CONDITION II-B 3000 WP  
FOR AIR DRILLING OR  
WHERE NITROGEN OR AIR BLOWS ARE EXPECTED**

H<sub>2</sub>S TRIM REQUIREDYES \_\_\_\_\_ NO X**DRILLING CONTROL****MATERIAL LIST - CONDITION II - B**

- |                |  |
|----------------|--|
| A              | Texaco Wellhead  |
| B              | 3000 W.P. drilling spool with a 2" minimum flanged outlet for kill line and 3" minimum flanged outlet for choke line.  |
| C              | 3000 W.P. Dual ram type preventer, hydraulic operated with 1" steel, 3000 W.P. control lines (where sub-structure height is adequate, 2 - 3000 W.P. single ram type preventers may be utilized). |
| D              | Rotating Head with fill up outlet and extended Bloode Line.  |
| 1,3,4,<br>7,8, | 2" minimum 3000 W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve.   |
| 2              | 2" minimum 3000 W.P. back pressure valve.  |
| 5,6,9          | 3" minimum 3000 W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve.   |
| 12             | 3" minimum schedule 80, Grade "B", seamless line pipe.   |
| 13             | 2" minimum x 3" minimum 3000 W.P. flanged cross.   |
| 10,11          | 2" minimum 3000 W.P. adjustable choke bodies.  |
| 14             | Cameron Mud Gauge or equivalent (location optional in choke line).   |
| 15             | 2" minimum 3000 W.P. flanged or threaded full opening steel gate valve, or Halliburton Lo Torc Plug valve.   |

**TEXACO, INC.**MILANO DIVISION  
MILANO, TEXAS

SCALE	DATE	EST. NO.	ORD. NO.
DRAWN BY			
CHECKED BY			
APPROVED BY			

**EXHIBIT C**

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

02/14/02 11:23:  
OGOMES -TQ  
PAGE NO:

Sec : 32 Twp : 21S Rng : 23E Section Type : NORMAL

D 40.00 CS OG5108 0001 TEXACO EXPLORATIO C 02/17/69	C 40.00 CS OG5108 0001 TEXACO EXPLORATIO C 02/17/69	B 40.00 CS E10170 0002 ENERGY RESERVES G C 06/19/66	A 40.00 CS OG5108 0001 TEXACO EXPLORAT C 02/17/6
E 40.00 CS OG5108 0001 TEXACO EXPLORATIO C 02/17/69	F 40.00 CS OG5108 0001 TEXACO EXPLORATIO C 02/17/69	G 40.00 CS OG5108 0001 TEXACO EXPLORATIO C 02/17/69 A	H 40.00 CS OG5108 0001 TEXACO EXPLORAT C 02/17/6

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07 BKWD	PF08 FWD	PF09 PRINT	PF10 SDIV	PF11	PF12

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

02/14/02 11:24:  
OGOMES -TQ  
PAGE NO:

Sec : 32 Twp : 21S Rng : 23E Section Type : NORMAL

L 40.00 CS OG5108 0001 TEXACO EXPLORATIO C 02/17/69	K 40.00 CS OG5108 0001 TEXACO EXPLORATIO C 02/17/69	J 40.00 CS OG5108 0001 TEXACO EXPLORATIO C 02/17/69 A A	I 40.00 CS E10170 0002 ENERGY RESERVES C 06/19/6
M 40.00 CS E10170 0002 ENERGY RESERVES G C 06/19/66	N 40.00 CS OG5108 0001 TEXACO EXPLORATIO C 02/17/69	O 40.00 CS E10170 0002 ENERGY RESERVES G C 06/19/66	P 40.00 CS OG5108 0001 TEXACO EXPLORAT C 02/17/6

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07 BKWD	PF08 FWD	PF09 PRINT	PF10 SDIV	PF11	PF12

CMD :  
OG6IWCM

ONGARD  
INQUIRE WELL COMPLETIONS

02/14/02 11:24:  
OGOMES -TQ

API Well No : 30 15 29284 Eff Date : 01-26-1997 WC Status : A  
Pool Idn : 79040 INDIAN BASIN;UPPER PENN (PRO GAS)  
OGRID Idn : 22351 TEXACO EXPLORATION & PRODUCTION INC  
Prop Idn : 11032 NEW MEXICO DF STATE COM

Well No : 003  
GL Elevation: 4059

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/
	---	---	-----	-----	-----	-----	-----
B.H. Locn : G	32	21S	23E	FTG 2000 F N	FTG 1650 F E	P	

Lot Identifier:  
Dedicated Acre: 640.00  
Lease Type : S  
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07	PF08	PF09	PF10 NEXT-WC	PF11 HISTORY	PF12 NXTREC

CMD :  
OG6IWCM

ONGARD  
INQUIRE WELL COMPLETIONS

02/14/02 11:24:  
OGOMES -TQ

API Well No : 30 15 10723 Eff Date : 01-01-1900 WC Status : A  
Pool Idn : 79040 INDIAN BASIN;UPPER PENN (PRO GAS)  
OGRID Idn : 22351 TEXACO EXPLORATION & PRODUCTION INC  
Prop Idn : 11032 NEW MEXICO DF STATE COM

Well No : 001  
GL Elevation: 4098

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/
	---	---	-----	-----	-----	-----	-----
B.H. Locn : J	32	21S	23E	FTG 1650	F S	FTG 1650	F E P

Lot Identifier:  
Dedicated Acre: 640.00  
Lease Type : S  
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07	PF08	PF09	PF10 NEXT-WC	PF11 HISTORY	PF12 NXTREC



CMD : ONGARD 02/14/02 11:25:  
OG6C101 C101-APPLICATION FOR PERMIT TO DRILL OGOMES -TQ

OGRID Idn : 22351 API Well No: 30 15 31853 APD Status(A/C/P): A  
Opr Name, Addr: TEXACO EXPLORATION & PRODUCTION Aprvl/Cncl Date : 06-03-20  
PO BOX 3109  
MIDLAND, TX 79702

Prop Idn: 11032 NEW MEXICO DF STATE COM Well No: 4

	U/L	Sec	Township	Range	Lot	Idn	North/South	East/West
	---	---	-----	-----	-----	-----	-----	-----
Surface Locn :	J	32	21S	23E			FTG 2310 F S	FTG 1650 F E
OCD U/L :	J		API County :	15				

Work typ(N/E/D/P/A) : N Well typ(O/G/M/I/S/W/C): G Cable/Rotary (C/R) :  
Lease typ(F/S/P/N/J/U/I): S Ground Level Elevation : 4073

State Lease No: OG 5108 Multiple Comp (S/M/C) : S  
Prpsd Depth : 9200 Prpsd Frmtn : INDIAN BASIN MORROW

E0009: Enter data to modify record

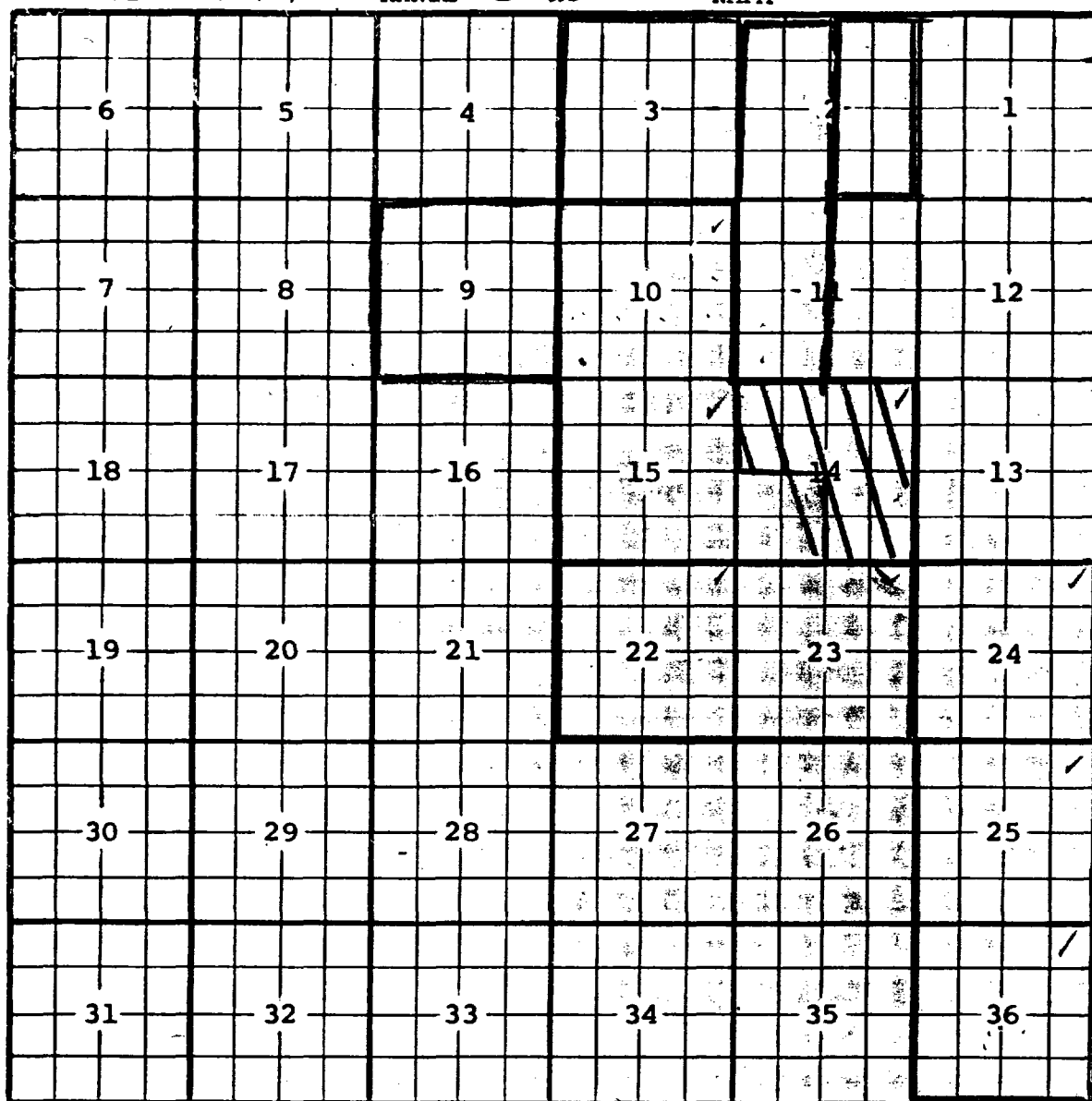
PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06 CONFIRM
PF07	PF08	PF09 PRINT	PF10 C102	PF11 HISTORY	PF12

COUNTY *Eddy*

POOL

*Indian Basin - Morrow Gas*TOWNSHIP *21 South*RANGE *23 East*

NMFM



Description: All Sec. 22 & 23 (R-2441, 2-28-63)

Ext: All Sec. 10, 14 & 15 (R-2569, 10-1-63) - All Sec. 24 (R-2726, 7-1-64)

- All Sec. 25 & 36 (R-2911, 6-1-65) EXT: All Sec. 9 (R-9418, 2-1-91)

Ext:  $\frac{W}{2}$  Sec. 2,  $\frac{W}{2}$  Sec. 11 (R-10376, 5-24-95)

Ext: Lots 1 and 2,  $\frac{S}{2}$   $\frac{NE}{4}$ , and  $\frac{SE}{4}$  Sec. 2 and Delete  $\frac{N}{2}$  and  $\frac{SE}{4}$  Sec. 14 (R-8170-0, 11-27-9)

Ext: All Sec. 3 (R-11534, 2-8-01)