



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

4/26/01

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

NSL-4582

RE: Proposed:

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

Gentlemen:

I have examined the application for the:

Conoco Inc Warren Unit # 132-16 28-204-38e
Operator Lease & Well No. Unit S-T-R API # 30.025-33485

and my recommendations are as follows:

Well is within Warren Unit-

[Signature]

Yours very truly,

Chris Williams
Supervisor, District 1



Mid-Continent Region
Exploration/Production

Conoco Inc.
10 Desta Drive, Suite 100W
Midland, TX 79705-4500
(915) 686-5400

April 6, 2001

Mr. Michael Stogner
New Mexico Oil Conservation Division
1220 S. Saint Francis Drive
Santa Fe, New Mexico 87504

Application for Nonstandard Location Warren Seven Rivers (96812) pool:

Warren Unit # 132
Section 28, T-20-S, R-38-E, K
2180' FSL & 2200' FWL
API # 30-025-33485
Warren Seven Rivers Recomplete
Lea County, New Mexico

Dear Mr. Stogner,

Conoco respectfully requests your approval of this administrative application for a nonstandard location order for the proposed Seven Rivers recomplete of the Warren Unit # 132. This well will be in the Warren Seven Rivers pool (96812) established January 1999.


There are no special Warren Seven Rivers pool rules; therefore this well is subject to the spacing required in the statewide rules of a 160-acre gas proration unit. The well is 460' FNL and 440' FEL of the SW ¼ of Section 28, less than the required 660'. Please reference the attached C-102 plat.

This well was drilled and completed in October 1996 as a San Andres well. The well has produced 18, 971 BO and 35,434 MCF. Currently the Warren Unit # 132 is producing 4 BOPD and 15 MCFGPD. Conoco proposes to recomplete this well to the Seven Rivers and temporarily abandon the uneconomic San Andres zone. The Warren Unit # 132 has good Seven Rivers reservoir development existing behind pipe as indicated on the attached open hole porosity logs. Good reservoir continuity is also evident between the Warren Unit # 132 well and the offset Warren Unit # 127 Seven Rivers gas well located in Section 28, T-20-S, R-38-E, 330' FSL & 660' FEL in the SE ¼, NSL Order # 3971. The Warren Unit # 132 wellbore is in good condition. Recompleting this well would take advantage of an existing wellbore and eliminate the necessity of drilling a new wellbore to access the Seven Rivers reserves.

The Warren Unit #132 wellbore encroaches to the interior north and east SW 1/4 section lines of Section 28 of the Conoco operated Warren Unit. There was an Initial Warren Unit Eumont Participating Area established based on the commerciality of the Warren Unit # 127 in the Warren Seven Rivers gas pool. Upon the proposed completion of the Warren Unit #132, the Initial Eumont Participating area will be expanded to include the 160-acre proration unit of the Warren Unit # 132. Exxon is the only offset operator, NE ¼, ¼ Section 32. Please see attached evidence that they have been sent a copy of this application by certified mail.

In order to prevent waste, Conoco respectfully requests your approval of this nonstandard location application for the Warren Unit # 132. If you have any additional questions regarding this application please contact me at (915) 686-5798.

Sincerely,



Kay Maddox
Regulatory Agent - Conoco

CC: New Mexico Oil Conservation Division - Hobbs

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

State of New Mexico
Energy, Minerals & Natural Resources Department

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

Form C-102

Revised February 21, 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

API Number 30-025-33485	2 Pool Code 96812	3 Pool Name Warren Seven Rivers Gas (96812)
4 Property Code 003122	5 Property Name Warren Unit	6 Well Number #132
7 OGRID No. 005073	8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500	9 Elevation 3524

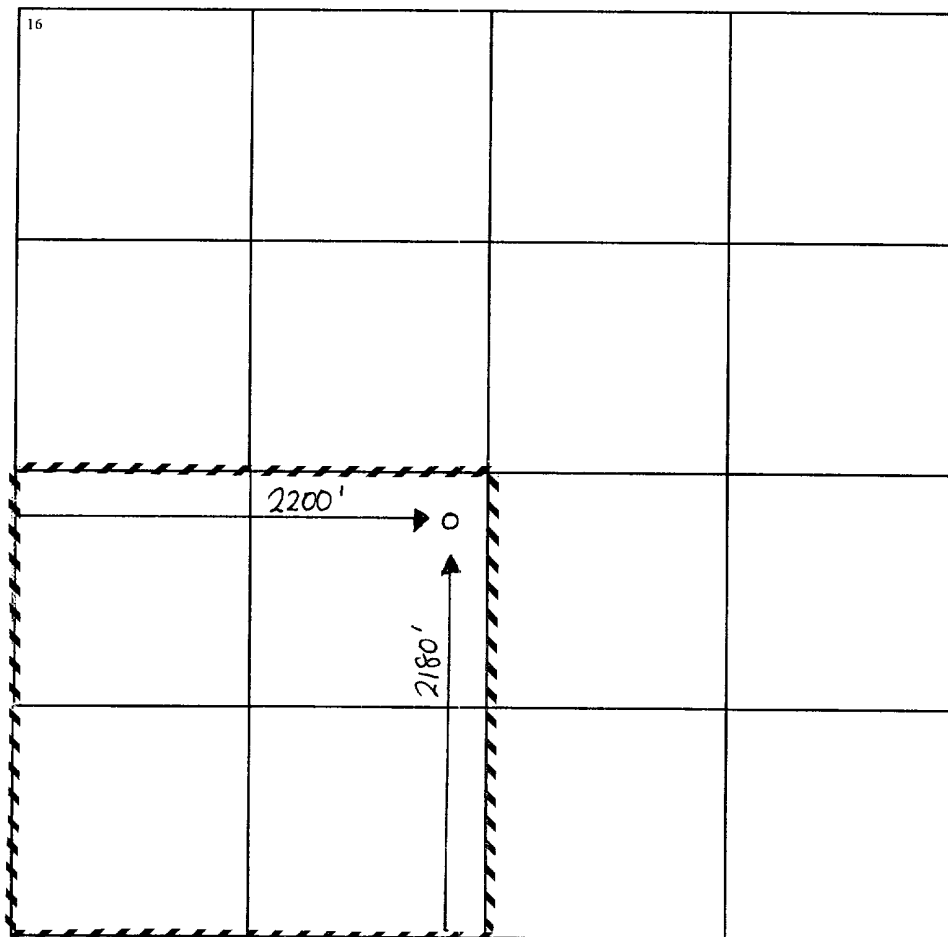
10 Surface Location

UL or lot no. K	Section 28	Township 20S	Range 38E	Lot Idn	Feet from the 2180	North/South line South	Feet from the 2200	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
12 Dedicated Acres 160	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



17 OPERATOR CERTIFICATION

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

Kay Maddox
Signature

Kay Maddox

Printed Name

Regulatory Agent

Title

April 6, 2001

Date

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 Surveyor:

Certificate Number

April 6, 2001

Notification to Offset operator of :

Administrative Application for Nonstandard Location Warren Seven Rivers (96812) pool

Warren Unit # 132
Section 28, T-20-S, R-38-E, K
2180' FSL & 2200' FWL
API # 30-025-33485
Warren Seven Rivers Recomplete
Lea County, New Mexico

Z 740 467 739



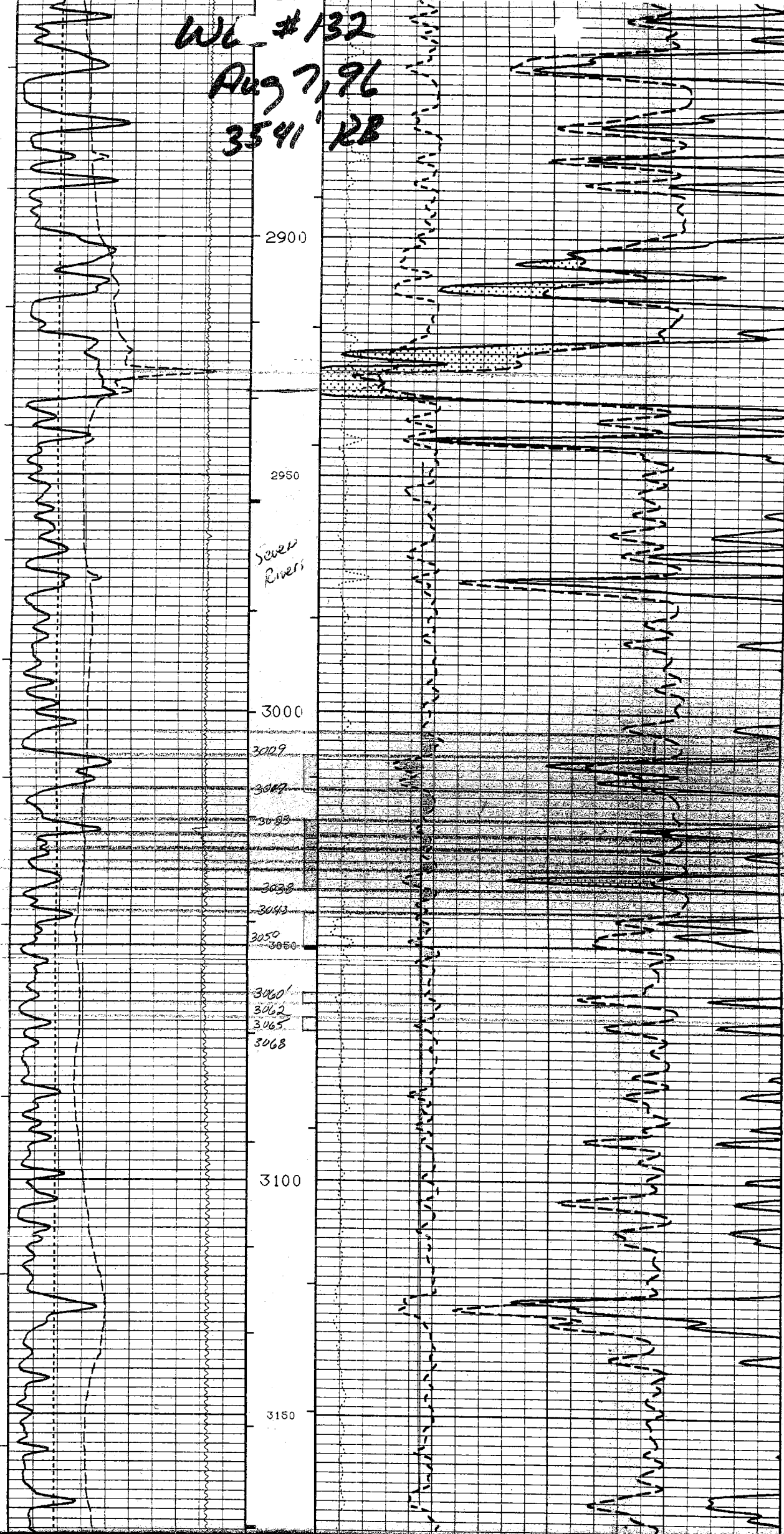
**Receipt for
Certified Mail**

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent to	
Exxon Exploration	
Street and No.	
233 Ben Mar	
City, State and ZIP Code	
Houston, TX 77060-2544	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, March 1993

Wc #132
Aug 7, 96
3541' KB



WARREN UNIT BOUNDARY

BLINEBRY-TUBB PARTICIPATION AREA
2nd AMENDMENT

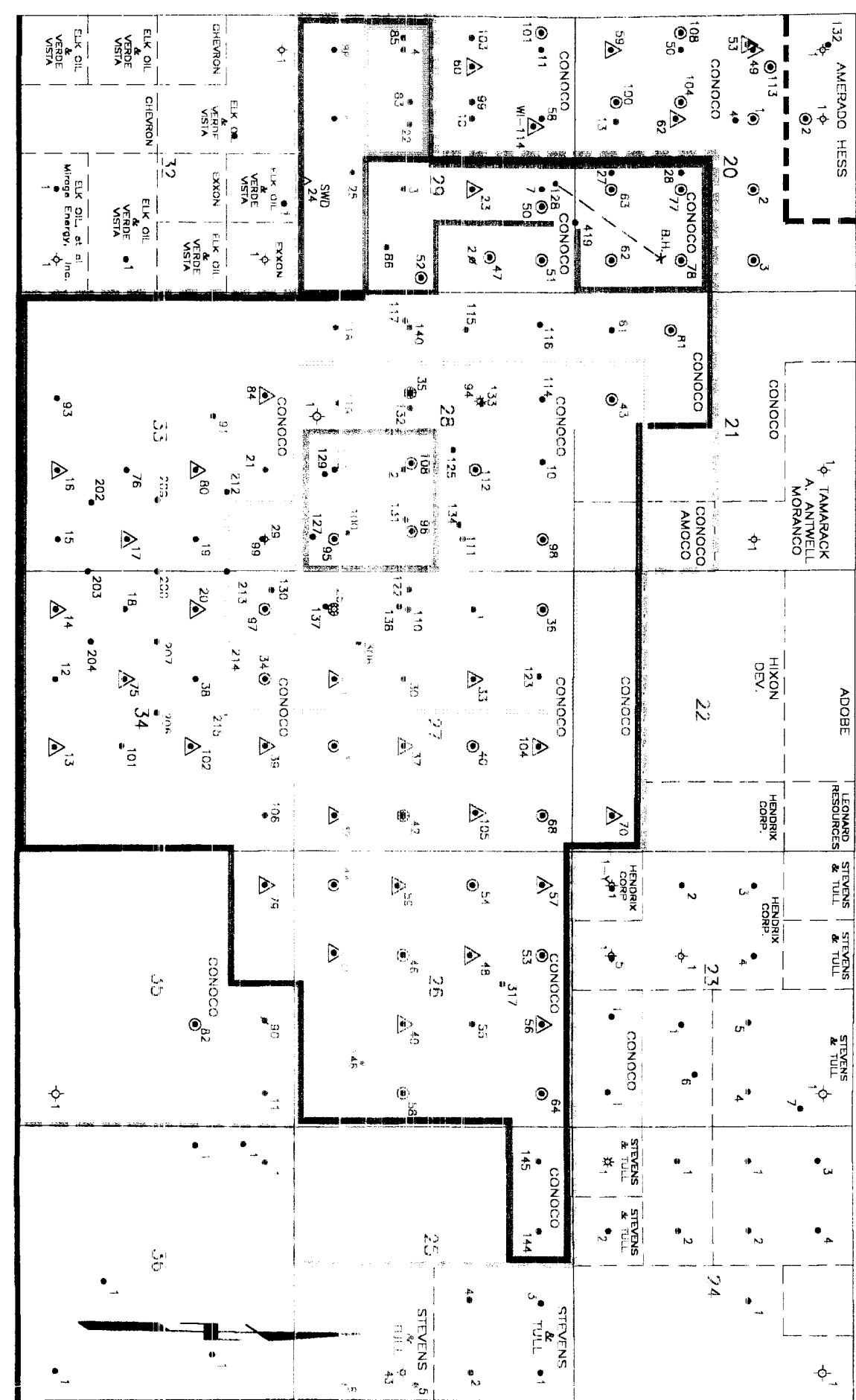
LOWER YESO - LEONARD DRINKARD P/A
3rd ENLARGEMENT

SIMPSON - MCKEE SAND ZONE P/A
4th ENLARGEMENT

BLINEBRY PARTICIPATION AREA
AFTER 24th AMENDMENT

GRAYBURG / SAN ANDRES P/A
1st ENLARGEMENT

INITIAL EUMONT PA



DATE: 6/1/00	
DRAWN BY: giv	
CHECKED BY:	
APPROVED BY:	
SCALE: 1" = 2640'	
STATE PLANE COORDINATES REFERRED TO NAD27 - NEW MEXICO EAST STATE PLANE COORDINATES ZONE - 3001	
CONOCO EPNGNA MIDLAND DIVISION	
WARREN UNIT	
LEA COUNTY NEW MEXICO	
STATE AP ¹ COUNTY	DRAWING
30 \ 025	WARR-UNIT
CONOCO INC. OFFICE 10 DESTA DRIVE WEST MIDLAND, TEXAS 79705	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OPERATOR'S COPY

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

CONOCO INC.

3. Address and Telephone No.

10 DESTA DR. STE. 100W, MIDLAND, TX. 79705-4500 (915) 686-5424

4. Location of Well (Footage, Sec., T. R. M. or Survey Description)

Section 28, T-20-S, R-38-E, **K**
2180' ENL & 2200' FWL
S

5. Lease Designation and Serial No.

LC 031695B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Warren Unit #132

9. API Well No.

30-025-33485

10. Field and Pool, or Exploratory Area

Warren Seven Rivers (96812)

11. County or Parish, State

Lea Co., NM

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Repon
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☒ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracrunng
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Repon result of multiple completion well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Conoco proposes to recomplete this well to the Seven Rivers using the following procedure:

1. MIRU. POOH with pumping equipment.
2. RIH with RBP and set at approximately 3,700'. (San Andres will be evaluated at a future date)
3. Selectively perforate the Seven Rivers as follows at 1 SPF from 3,009 -3,068'.
4. Acidize with 3,500 gals 15% HCL, diverting with 45 ball sealers. Pump in at 5-8 BPM.
5. Correlate all perfs to BPB Comp Photo Density/CNL log dated Aug. 7, 1996.
6. Test the Seven Rivers for productivity.
7. Notify area operator. Report production volumes, fluid levels, and pressures during a 2-3 week period.

14. I hereby certify that the foregoing is true and correct

Signed

Kay Maddox

Title

Regulatory Agent (915) 686-5798

Date

February 27, 2001

(This space for Federal or State office use)

Approved by

Title

PETROLEUM ENGINEER

Date

MAR 05 2001

Conditions of approval if any:

BLM(6), NMOCD(1), SHEAR, PONCA, COST ASST, FILE ROOM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

132 WARREN UNIT

State: NEW MEXICO
 County: LEA
 Operator: CONOCO INCORPORATED
 API: 30025334850000 IC: 300257028796
 Initial Class: D
 Target Objective: OIL
 Final Well Class: DO
 Status: OIL
 Field: WARREN
 Permit: on MAY 10, 1996
 Abandonment Date:
 Projected TD: 4650 Formation: SAN ANDRES D
 Hole Direction: VERTICAL
 IP Summary: Oil Gas Water Top Form
 85 BPD 188 MCFD 258 BBL GRAYBURG

Location

Section, Twp., Range: 28 20 S 38 E
 Spot Code:
 Footage NS, EW: 2180 FNL 2200 FWL CONGRESS SECTION
 Surface remark:
 Principal Meridian: NEW MEXICO
 Lat/Long: 32.5425600 / -103.1545300 TS
 PBHL:
 PHBL remark:
 ABHL:
 ABHL remark:
 ABHL: From Surface: TVD:
 Location Narrative: Type Remark
 LOCATION 6 MI S NADINE, NM

Dates and Depths

Spud: JUL 31, 1996 Spud Date Code:
 TD: 4650 on
 LTD:
 PlugBack Depth: 4596
 Completed: OCT 17, 1996
 Formation @ TD: 453SADRD Name: SAN ANDRES D
 Ref. Elevation:
 KB. Elevation:
 Ground Elevation: 3530 GR
 Contractor: CAPSTAR
 Rig Release Date: Rig # 8

IP # 001

Top Formation: GRAYBURG
 Base Formation: SAN ANDRES D
 Oil: 85 BPD
 Gas: 188 MCFD
 Interval: 4000 - 4566 GROSS
 Duration of Test: 24 Hours
 Oil: Gravity: 39
 Prod Method: PERF
 Completed: O
 Perforations: Interval Cnt Type Shots/Ft Top Formation
 4000 - 4030 1 FT 453GRBG GRAYBURG
 4040 - 4050 1 FT 453GRBG GRAYBURG

PI/Dwights PLUS on CD Scout TicketDate: 4/5/2001
Time: 12:21 PM

4064 -	4084	1 FT	453SADR	SAN ANDRES D
4478 -	4488	1 FT	453SADR	SAN ANDRES D
4512 -	4532	1 FT	453SADR	SAN ANDRES D
4556 -	4566	1 FT	453SADR	SAN ANDRES D

Treatments: 1 Interval: 4478 - 4566
 Fluid: 34000 GAL FRAC Type: W
 Additive:
 Prop Agent: SAND 106000 LB
 Formation Break Down Pressure:
 Average Injection Rate:
 Stages: Remarks: SWFR:ORIG TREATMENT CD

Treatments: 2 Interval: 4000 - 4084
 Fluid: 2000 GAL ACID Type: A
 Additive:
 Prop Agent:
 Formation Break Down Pressure:
 Average Injection Rate:
 Stages: Remarks: ACID:ORIG TREATMENT CD

Treatments: 3 Interval: 4000 - 4084
 Fluid: 26000 GAL FRAC Type: W
 Additive:
 Prop Agent: SAND 80000 LB
 Formation Break Down Pressure:
 Average Injection Rate:
 Stages: Remarks: SWFR:ORIG TREATMENT CD

Remarks on IP Test # 001 COMMINGLED 15% NEFE

Casing, Liner, Tubing

Casing	8 5/8 IN @	450 w/	350 sx
Casing	5 1/2 IN @	4650 w/	780 sx
Tubing	2 7/8 IN	@	4290 TUBING

Drilling Journal

Narrative: AUG 01, 1996 DRLG 530
 Narrative: AUG 09, 1996 4650 TD, WOCT
 Narrative: SEP 27, 1996 4650 TD, PB 4596, TSTG

Formations and Logs

Log # 1	GR	@	-
Log # 2	CCL	@	-
Top Formation	Measured Depth	Top TVD	Base Depth
YATES	2672		Base TVD
SEVEN RIVERS	2933		Source
QUEEN	3499		Lith- ology
PENROSE /PENROSE-SKELLY	3650		Age code
GRAYBURG	3848		
SAN ANDRES D	4058		

Dwights Energydata Narrative

Accumulated through 1997

IP: (Grayburg/San Andres 4000-4566) P 85 BOPD grav 39; 188 MCFGPD; 258 BWPD
 Perfs: 4478-4566 (lwr San Andres)
 Perfs: w/1 SPF @ 4478-4488, 4512, 4532, 4556-4566 - frac w/34000 gal Spectra



PI/Dwights PLUS on CD Scout Ticket

Date: 4/5/2001
Time: 12:21 PM

Dwights Energydata Narrative

Perfs: G3500 94000# 16/30 sd 18000# 16/30 resin coated sd
Perfs: 4000-4084 (Grayburg/upr San Andres)
Perfs: w/1 SPF @ 4000-4030, 4040-4050, 4064-4084 - acid w/2000 gal 15% NEFe
Perfs: HCl - frac w/26000 gal Spectra G3500 60000# 16/30 sd 16000# resin
Perfs: coated sd
Dwights number: T4763430

Operator Address

Street or PO Box:

City:

State, Zip: ,

Country:

Phone:

Fax:

E-Mail:

Agent Name:

Agent Code:

Agent Remark: JERRY HOOVER;SR CONS COORD;,,,,;

