

DATE IN 4/12/01	SUSPENSE 5/2/01	ENGINEER MS	LOGGED BY MW	TYPE NSL
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110641543

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

APR 12 2001

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.

Kay Maddox

Print or Type Name

Signature

Regulatory Agent

Title

4/06/01

Date



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,


Ray Maddox
Regulatory Agent - Conoco

CC: New Mexico Oil Conservation Division - Hobbs

District I
PO Box 1980, Hobbs. NM 88241-1980

State of New Mexico
Energy, Minerals & Natural Resources Department

Revised February 21, 1994

instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

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

PO Box 2088

Santa Fe, NM 87504-2088

☒ 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.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	28	20S	38E		2180	South	2200	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 Infil	14 Consolidation Code	15 Order No.
160			

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 _____

Kay Maddox

Printed Name _____

Regulatory Agent

Title

April 6, 2001

Date _____

18 SURVEYOR CERTIFICATION

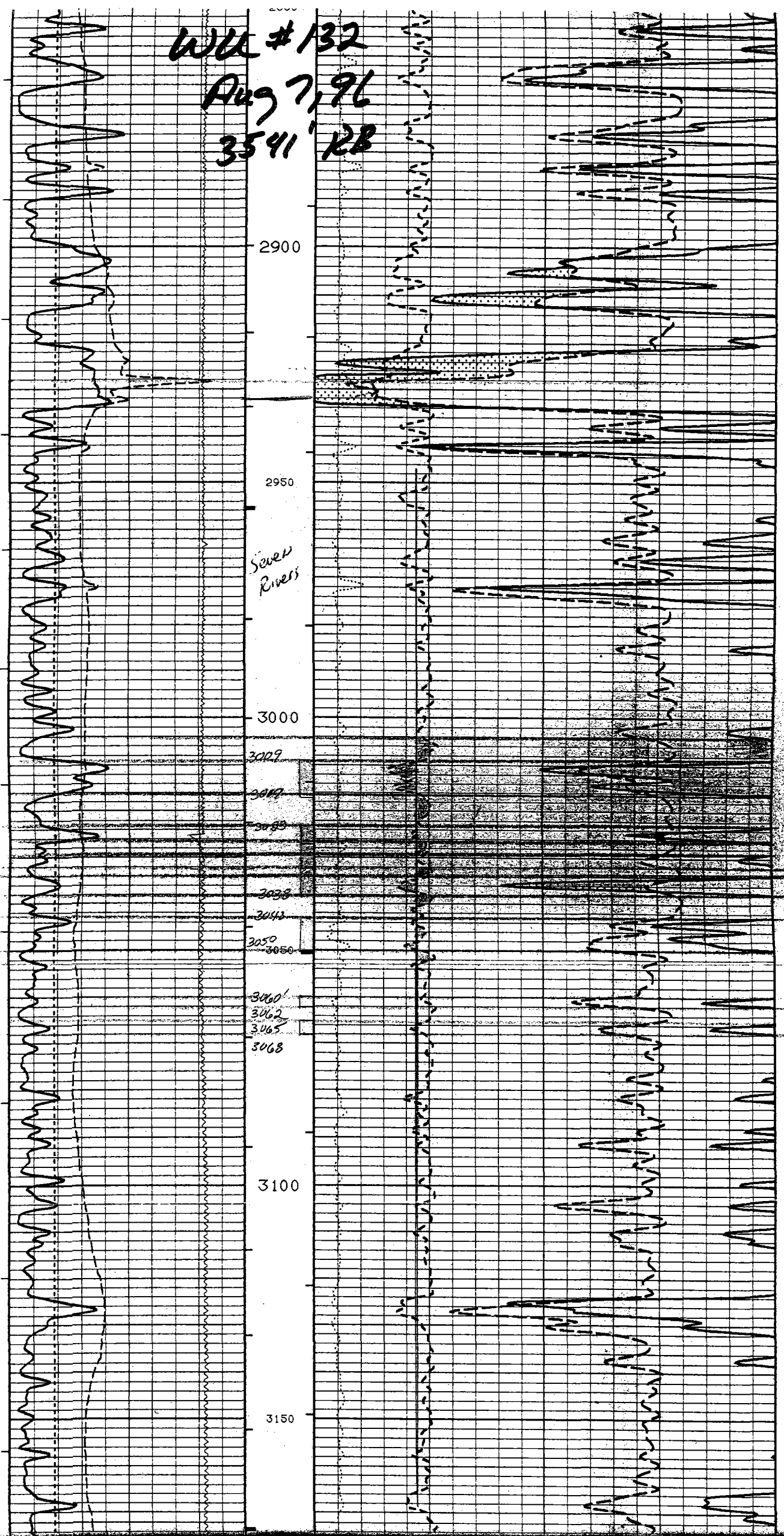
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey

Signature and Seal of Professional Surveyor:

Certificate Number

WU #132
Aug 7, 96
3541' RB



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: 6/7/00

DRAWN BY: glg

CHECKED BY:

APPROVED BY:

SCALE: 1" = 2640'

STATE PLANE COORDINATES REFERRED TO
NAD27 - NEW MEXICO EAST
STATE PLANE COORDINATES
ZONE - 3001

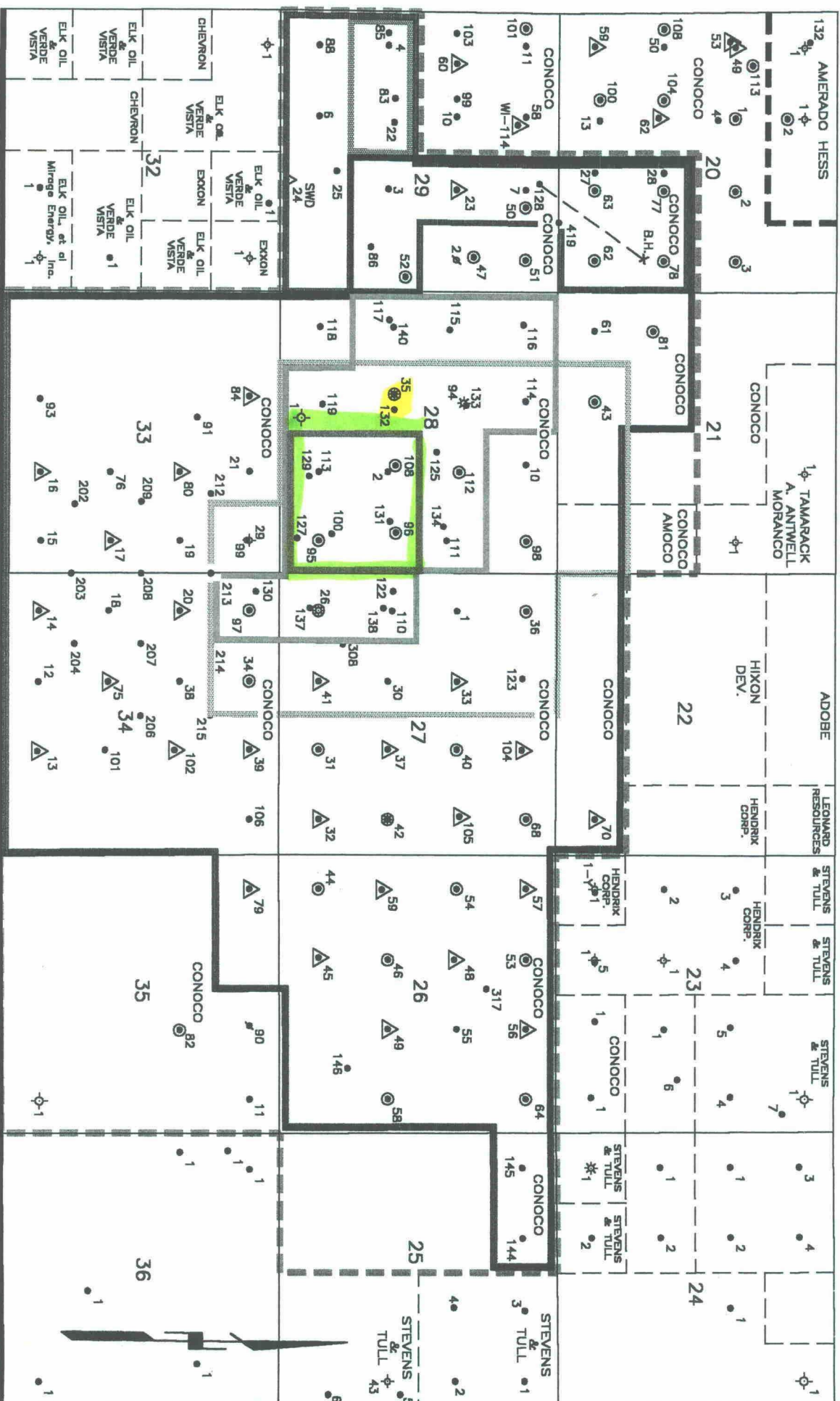
conoco EPNGNA
MIDLAND DIVISION

WARREN UNIT

LEA COUNTY
NEW MEXICO

STATE	AP	COUNTY	DRAWING
30	\	025	WARR-UNT

CONOCO INC. OFFICE
10 DESTA DRIVE WEST
MIDLAND, TEXAS 79705



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 <i>Exxon Exploration</i>	
Street and No. <i>233 Ben Mar</i>	
P.O., State and ZIP Code <i>Houston, TX 77060-2544</i>	
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

PI/Dwights PLUS on CD Scout TicketDate: 4/5/2001
Time: 12:21 PM**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 ~~FWL~~ 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: 453SADR 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

Condst:
Water: 258 BBL
Method: PUMPING
Choke:
GOR: 2212

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

4064 -	4084	1 FT	453SADRD	SAN ANDRES D
4478 -	4488	1 FT	453SADRD	SAN ANDRES D
4512 -	4532	1 FT	453SADRD	SAN ANDRES D
4556 -	4566	1 FT	453SADRD	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	Top	Base	Base	Source	Lith-	Age	
	Depth	TVD	Depth	TVD		ology	code	
YATES	2672				LOG		453	
SEVEN RIVERS	2933				LOG		453	
QUEEN	3499				LOG		453	
PENROSE /PENROSE-SKELLY	3650				LOG		453	
GRAYBURG	3848				LOG		453	
SAN ANDRES D	4058				LOG		453	

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;;;;;;

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 TRIPLICA TE

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' FNL & 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: Reponresultsof multiplecompletiononWdl
Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state ail 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

Kay Maddox

Title - Regulatory Agent (915) 686-5798

Date February 27, 2001

(This space for Federal or State office use)

Approved by

Alexis C. Suaboda

Title

PETROLEUM ENGINEER

Date

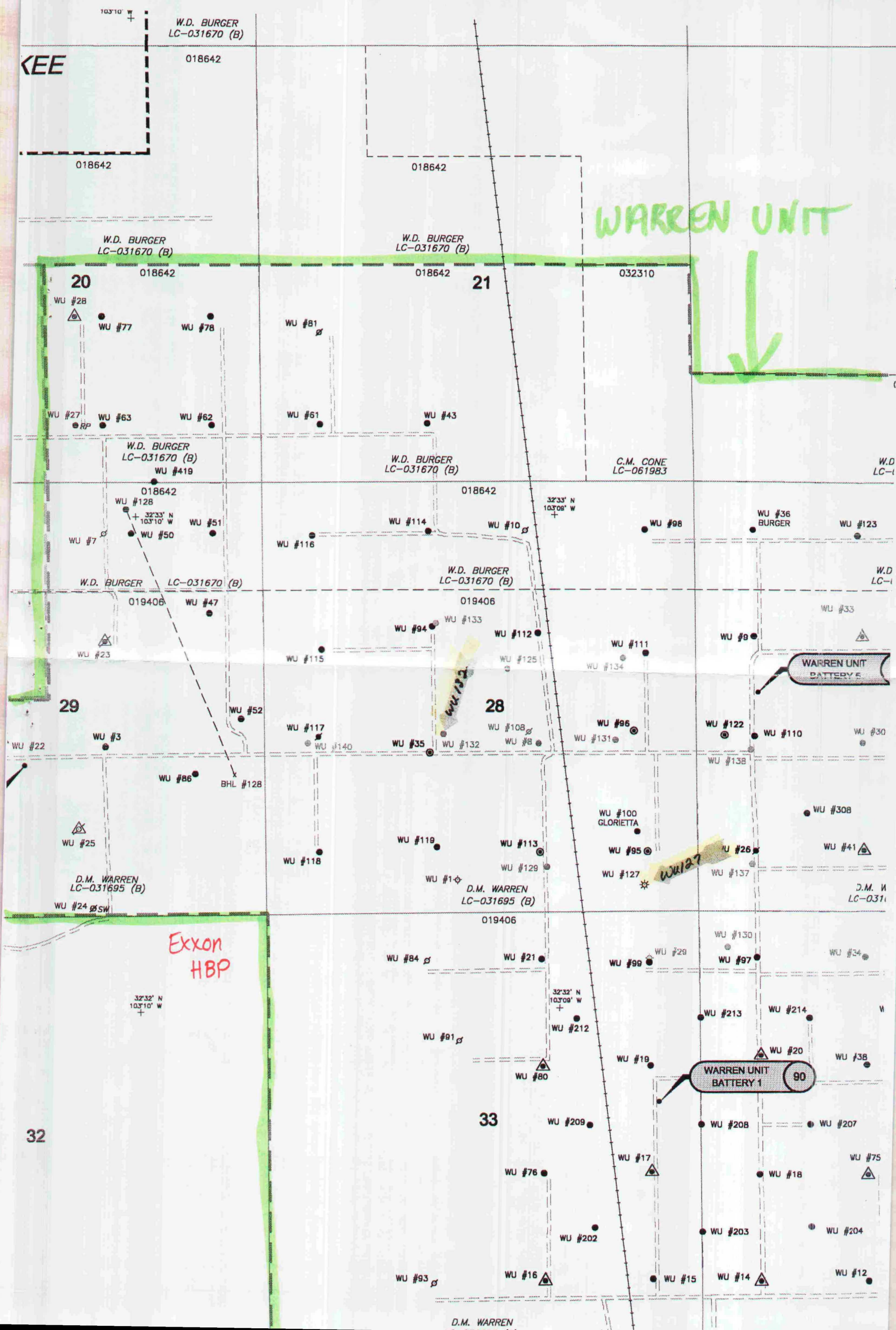
MAR 6 2001

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 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



county Lea Pool Warren-Seven Rivers Gas

TOWNSHIP 20 South Range 38 East NMPM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Description: SE 1/4 Sec 28 (R-11116, 1-7-99)

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

04/30/01 13:35:11
OGOMES -TQLN
PAGE NO: 1

Sec : 28 Twp : 20S Rng : 38E Section Type : NORMAL

D 40.00	C 40.00	B 40.00	A 40.00
Federal owned	Federal owned	Federal owned	Federal owned
A	A	A	A
E 40.00	F 40.00	G 40.00	H 40.00
Federal owned	Federal owned	Federal owned	Federal owned
A A	A A	A A	A A

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

04/30/01 13:35:14
OGOMES -TQLN
PAGE NO: 2

Sec : 28 Twp : 20S Rng : 38E Section Type : NORMAL

L 40.00	K 40.00	J 40.00	I 40.00
Federal owned	Federal owned	Federal owned	Federal owned
A C	A A	A A	A A
M 40.00	N 40.00	O 40.00	P 40.00
Federal owned	Federal owned	Federal owned	Federal owned
A	A	A A	A A C A

PF01 HELP
PF07 BKWD

PF02
PF08 FWD

PF03 EXIT
PF09 PRINT

PF04 GoTo
PF10 SDIV

PF05
PF11

PF06
PF12

CMD : ONGARD 04/30/01 13:36:21
OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TQLN

API Well No : 30 25 33485 Eff Date : 10-03-1996 WC Status : A
Pool Idn : 96343 WARREN;GRAYBURG-SAN ANDRES
OGRID Idn : 5073 CONOCO INC
Prop Idn : 3122 WARREN UNIT

Well No : 132
GL Elevation: 3530

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
	---	---	-----	-----	-----	-----	-----
B.H. Locn : K	28	20S	38E	FTG 2180	F S	FTG 2200	F W A

Lot Identifier:
Dedicated Acre: 40.00
Lease Type : F
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

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

Energy, Minerals & Natural Resources Department

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

Revised October 18, 1994
Instructions on back:
Submit to Appropriate District Office
5 Copies

☒ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

1. Operator name and Address Conoco Inc. 10 Desta Dr. Ste 100W Midland, Tx. 79705-4500		2. OGRID Number 005073
		3. Reason for Filling Code **See column 22 & 24 for reason
4. API Number 30 - 0 25-33485	5. Pool Name Warren Grayburg San Andres	6. Pool Code 96343
7. Property Code 003122	8. Property Name Warren Unit	9. Well Number 132

II. Surface Location

UL or lot no. K	Section 28	Township 20S	Range 38E	Lot. Idn	Feet from the 2180	North/South Line South North	Feet from the 2200	East/West Line West	County Lea
--------------------	---------------	-----------------	--------------	----------	-----------------------	------------------------------------	-----------------------	------------------------	---------------

11 Bottom Hole Location

UL or Lot	Section	Township	Range	Lot. Idn.	Feet from the	North/South Line	Feet from the	East/West Line	county
12 Lse Code F	13. Producing Method Code P	14. Gas Connection Date	15. C-129 Permit Number	16. C-129 Effective Date	17. C-12b Expiration Date				

III. Oil and Gas Transporters

18 Transporter OGRID	19. Transporter Name and Address	20. POD	21. O/G	22. POD ULSTR Location and Description
		0774110	O	** Correct Oil POD effective 10-96. This will match our reporting. The current transporter is 20667
		2813902	G	** Correct Gas POD effective 1-97. This will match our reporting. The current transporter is 24650

IV. Produced Water

23. POD 0774150	24. POD ULSTR Location and Description ** Correct water POD effective 10-96. This will match our reporting.
--------------------	--

V. Well Completion Data

25 Spud Date	26 Ready Date	27. TD	28. PBTD	29. Perforations	DHC,DC,MC
30. Hole Size	31. Casing & Tubing Size	32. Depth Set	33. Sacks Cement		

VI. Well Test Data

34. Date New Oil	35. Gas Delivery Date	36. Test Date	37. Test Length	38. Tbg. Pressure	39. Csg. Pressure
40. Choke Size	41. Oil	42. Water	43. Gas	44. AOF	45. Test Method

(I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief)

Signature:

Printed name:

Bill R. Keathly

Title

Sr. Regulatory Specialist

Date

Phone (915) 686-5424

OIL CONSERVATION DIVISION

Approved by

Title

Approval Date:

FEB 18 1999

47. If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature

Printed Name

Title

Date

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

Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Revised October 18, 1994
Instructions on back:
Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

1. Operator name and Address Conoco Inc. 10 Desta Dr. Ste 100W Midland, Tx. 79705-4500		2. OGRID Number 005073	
		3. Reason for Filling Code CG (Effective 7-1-98)	
4. API Number 30 - 0 25-33485	5. Pool Name Warren Grayburg San Andres		6. Pool Code 96343
7. Property Code 003122	8. Property Name Warren Unit		9. Well Number 132

II. Surface Location

UL or lot. no. K 11	Section 28	Township 20S	Range 38E	Lot. Idn.	Feet from the 2180	North/South Line South North	Feet from the 2200	East/West Line West	County Lea
------------------------	---------------	-----------------	--------------	-----------	-----------------------	------------------------------------	-----------------------	------------------------	---------------

11 Bottom Hole Location

UL or Lot	Section	Township	Range	Lot. Idn.	Feet from the	North/South Line	Feet from the	East/West Line	county
12 Lse Code F	13. Producing Method Code P	14. Gas Connection Date	15. C-129 Permit Number	16. C-129 Effective Date	17. C-12b Expiration Date				

III. Oil and Gas Transporters

18 Transporter OGRID	19. Transporter Name and Address	20. POD	21. O/G	22. POD ULSTR Location and Description
026450	Dynegry Midstream Services 6 Desta Drive, Suite 3300 Midland, Tx. 79705	2813795	G	K 28 20S 38E

IV. Produced Water

23. POD	24. POD ULSTR Location and Description
---------	--

V. Well Completion Data

25 Spud Date	26 Ready Date	27. TD	28 PBTD	29 Perforations	DHC,DC,MC
30 Hole Size	31. Casing & Tubing Size	32 Depth Set	33. Sacks Cement		

VI. Well Test Data

34 Date New Oil	35. Gas Delivery Date	36. Test Date	37. Test Length	38. Tbg. Pressure	39. Csg. Pressure
40. Choke Size	41. Oil	42. Water	43. Gas	44. AOF	45. Test Method

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief Signature: <i>Bill R. Keathly</i>		OIL CONSERVATION DIVISION Approved by: <i>Chris Williams</i> Title: DISTRICT I SUPERVISOR Approval Date: OCT 22 1998	
Printed name: Bill R. Keathly Title: Sr. Regulatory Specialist Date: 9-11-98 Phone: (915) 686-5424			

47. If this is a change of operator fill in the OGRID number and name of the previous operator			
Previous Operator Signature	Printed Name	Title	Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cont.
P.C. 1980
Hobbs, NM 88241

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

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, Well #132

9. API Well No.

30-025-33485

10. Field and Pool, or Exploratory Area

Warren Grayburg San Andres

11. County or Parish, State

Lea, NM

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
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)

2180' FAL & 2200' FWL, Sec. 28, T 20S, R 38E, Unit Ltr 'K'

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 OO & GO #7 III.A

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

(Note: Repon results 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.)*

Water Producing Formation: Warren Grayburg San Andres
Amount of Water Produced: 76 bpd
Current Water Analysis Attached: Yes
How is Water Stored on Lease: 400 bbl Tank (above ground)
How is Water Moved: By Transfer Pump
Disposal Facility Operator Name: Conoco Inc
Disposal Facility Well Name / No.: SEMU Well # 95, Unit J, Sec.23, T 20S, R 37E

MOCD SWD Permit #: R-9327

Your approval of this method of disposal is respectfully requested.

RECEIVED
1998 MAR 17 P 1:41
BUREAU OF LAND MGMT.
DUNSMITH, NEW MEXICO

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

Signed Bill R. Keathly

Title Bill R. Keathly
Sr. Regulatory Specialist

Date 3-16-98

(This space for Federal or State office use)

(ORIG. SGD.) ALEXIS C SWOBODA

Approved by ALEXIS C SWOBODA Title PETROLEUM ENGINEER

Date MAR 16 1998

Conditions of approval if any:

BLM(6), BRK, PONCA, DJS, 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

Saturation Index Calculations
Champion Technologies, Inc.
(Based on the Tomson-Oddo Model)

Site Information

Company	Conoco
Field	Warren Unit
Point	#132
Date	2/26/98

Water Analysis (mg/L)

Calcium	1,122
Magnesium	388
Barium	0
Strontium	0
Sodium*	4268
Bicarbonate Alkalinity	1,561
Sulfate	3,781
Chloride	6,000

* - Calculated Value

Appended Data

Dissolved CO2	526 mg/L	Well head pH	6.81 value
Dissolved O2	N/A PPM		
H2S	359 mg/L		
Iron	1.0 mg/L		
Resistivity	N/A value		
Specific Gravity	1.012 value		
TDS	17140 mg/L		
Total Hardness	4400 mg/L		

Physical Properties

Ionic Strength*	0.36
pH*	6.25
Temperature	100°F
Pressure	100 psia

* - Calculated Value

Calcite Calculation Information

Calculation Method	Value
CO2 in Brine	526 mg/L
<hr/>	
Bicarbonate Alkalinity Correction(s)	Value
None Used	---

SI & PTB Results

Scale Type	SI	PTB
Calcite (Calcium Carbonate)	0.21	140.1
Gypsum (Calcium Sulfate)	-0.20	N/A
Hemihydrate (Calcium Sulfate)	-0.10	N/A
Anhydrite (Calcium Sulfate)	-0.37	N/A
Barite (Barium Sulfate)	N/A	N/A
Celestite (Strontium Sulfate)	N/A	N/A

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-104
Revised February 10, 1994
Instructions on back:
Submit to Appropriate District Office
5 Copies

☒ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

1. Operator name and Address Conoco Inc. 10 Desta Dr. Ste 100W Midland, Tx. 79705-4500		2. OGRID Number 005073	
		3. Reason for Filling Code CORR. POD NUMBER (EFF 11-1-96)	
4. API Number 30-0 25-33485	5. Pool Name WARREN SAN ANDRES		6. Pool Code 96343
7. Property Code 003122	8. Property Name WARREN UNIT		9. Well Number 132

II. Surface Location

UL or lot. no. B/K	Section 28	Township 20S	Range 38E	Lot. Idn.	Feet from the 2180	North/South Line SOUTH NORTH	Feet from the 2200	East/West Line WEST	County LEA
-----------------------	---------------	-----------------	--------------	-----------	-----------------------	------------------------------------	-----------------------	------------------------	---------------

11 Bottom Hole Location

UL or Lot	Section	Township	Range	Lot. Idn.	Feet from the	North/South Line	Feet from the	East/West Line	county
12 Lse Code F	13. Producing Method Code P		14. Gas Connection Date 10-4-96		15. C-129 Permit Number		16. C-129 Effective Date		17. C-12b Expiration Date

III. Oil and Gas Transporters

18 Transporter OGRID	19. Transporter Name and Address	20. POD	21. OG	22. POD ULSTR Location and Description
020667	SHELL PIPELINE CORP P.O. BOX 1910 MIDLAND, TX. 79702	2818079	O	27 20S 38E L
024650	WARREN PETROLEUM CORP P.O. BOX 67 MONUMENT, NEW MEXICO 88265	2813795	G	28 20S 38E F

IV. Produced Water

23. POD 2818080	24. POD ULSTR Location and Description 27 20S 38E L
--------------------	--

V. Well Completion Data

25 Spud Date	26 Ready Date	27. TD	28. PBTD	29. Perforations
30. Hole Size	31. Casing & Tubing Size	32. Depth Set	33. Sacks Cement	

VI. Well Test Data

34. Date New Oil	35. Gas Delivery Date	36. Test Date	37. Test Length	38. Tbg. Pressure	39. Csg. Pressure
40. Choke Size	41. Oil	42. Water	43. Gas	44. AOF	45. Test Method

[I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief

Signature: *Bill R. Keathly*

Printed name: Bill R. Keathly

Title: Sr. Regulatory Specialist

Date: 11-20-96

Phone: (915) 686-5424

Approved by: *[Signature]*

Title: *[Signature]*

Approval Date: NOV 22 1996

47. If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature	Printed Name	Title	Date
-----------------------------	--------------	-------	------

Conoco Inc.
10 Desta Drive West
Midland, TX 79705

Warren Unit #132
Lea Co.

Unit ^K F

28-20s-38e

2180/^SW 9 2200/W
30-025-33485

950	9.50	3/4	1.31	12.47	12.47
1450	5.00	3/4	1.31	6.56	19.03
1950	5.00	3/4	1.31	6.56	25.59
2213	2.63	1 3/4	3.06	8.05	33.65
2460	2.47	3 1/2	6.13	15.13	48.78
2610	1.50	2 3/4	4.81	7.22	56.00
2956	3.46	2	3.50	12.11	68.11
3200	2.44	1 1/2	2.63	6.41	74.51
3700	5.00	1	1.75	8.75	83.26
4200	5.00	1 1/4	2.19	10.94	94.20
4650	4.50	2	3.50	15.75	109.95

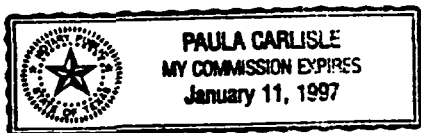
Belinda M. Howard

Belinda M. Howard - Administrative Assistant

The attached instrument was acknowledged before me on the 14th day of Aug, 1996 by Belinda M. Howard - Administrative Assistant, Brazeal Inc. d/b/a CapStar Drilling.

Paula Carlisle

Notary Public



I&E (HOBBS)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ROSWELL DISTRICT COPY

N.M. Oil Cons. Division

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1991

5. Lease Designation and Serial No.

LC031695B

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 San Andres

11. County or Parish, State

Lee County, NM

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 ☐ INJECTION Other

2. Name of Operator

CONOCO INC.

3. Address and Telephone No.

10 DESTA DR. STE 100, MIDLAND, TX 79705 (915) 688-5424, 684-6381

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

SURFACE: 2180 FWL & 2200' FWL
TD: Sec 28, T20S, R38E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

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

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ OTHER: Spud & set casings
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on 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.)

7-31-86: Well spudded. Drilled to TD of 450'. Ran 450' 8 5/8", 23#, M-50 casing. Cemented with 250 sx Cl C + 4% gel + 2% CAC12 + 2/10% SMS, tailed with 100 sx Cl C + 2% CaCl2. Circulated 45 sx to pit. WOC, tested 250-1500# held 12 1/4" N.P.

8-8-86: Reached TD of 4650', ran logs. Ran 5 1/2", 15.5#, K-55 casing to 4650'. Cemented with 300 sx Cl C + 16% gel + 3% salt + 3/10% CD-32 + 3/10% SMS, tailed with 480 sx Cl C + 1.1% FL-62 + 3% salt + 2% BA-90 + 3/10% CD-32 + 2/10% SMS. circulated 48 sx to pit. Rig released.



ACCEPTED

SEP 30 1986

act

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

Signed

Title

Ann E. Ritchie
REGULATORY AGENT

Date 8-28-86

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

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

UNIT
DEPARTMENT
BUREAU OFPROPERTY NO. 3122POOL CODE 96343EFF. DATE 6/14/96API NO. 30025-33435

18 52

actions on
MIN. COMMISSION

780

N MEXICO

8. LEASE DESIGNATION AND SERIAL NO.

L88240-95B

9. IF INDIAN, ALLOTTEE OR TRIBAL NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Warren Unit No. 132

9. API WELL NO.

30-025-

10. FIELD AND POOL, OR WILDCAT

Warren San Andres

11. SEC., T., R., M., OR S.E.
AND SURVEY OR AREA

Sec. 28, T-20S, R-38E

12. COUNTY OR PARISH

Lea

13. STATE

NM

1a. TYPE OF WORK

DRILL ☒

b. TYPE OF WELL

OIL WELL ☒GAS WELL ☐

OTHER

SINGLE ZONE ☒MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Conoco, Inc.

(915) 686-6548

3. ADDRESS AND TELEPHONE NO.

10 Desta Dr. Ste 100W, Midland, TX 79705

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

2180' FNL & 2200' FWL

At proposed prod. zone

2180' FNL & 2200' FWL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

4650'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3530'

22. APPROX. DATE WORK WILL START

6/15/96

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	420'	350 circulated
7-7/8"	5-1/2"	15.5#	4650'	935 circulated

It is proposed to drill a vertical wellbore through the San Andres according to the plan submitted in the following attachments:

1. Well Location and Acreage Dedication Plat (C-102)
2. Proposed Well Plan Outline.
3. Surface Use Plan
4. EXHIBIT A: Vicinity and Lease Road Maps
5. EXHIBIT B: 7.5" Quadrangle Topo Map.
6. EXHIBITS C.1 & C.2: Road and powerline right-of-ways.
7. EXHIBIT D: Trailer-mounted rig layout
8. BOP and Choke Manifold Specifications
9. H2S Drilling Operations Plan
10. Letter verifying negotiations with surface land owner.
11. An archeological survey has been ordered and will be filed as soon as completed.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE Sr. Conservation CoordinatorDATE 5/6/96

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereunder.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY (ORIG. SGD.) RICHARD L. MANUS

TITLE

Area Manager

DATE

6-10-96

*See Instructions On Reverse Side

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.

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-1
Revised February 21, 19
Instructions on ba
Submit to Appropriate District Off
State Lease - 4 Copi
Fee Lease - 3 Copi

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Number 30-025-73455	'Pool Code 96343	'Pool Name Warren San Andres
'Property Code 003122	'Property Name WARREN UNIT	'Well Number 132
'OGRID No. 005073	'Operator Name CONOCO, INC.	'Elevation 3530'

¹⁰ Surface Location

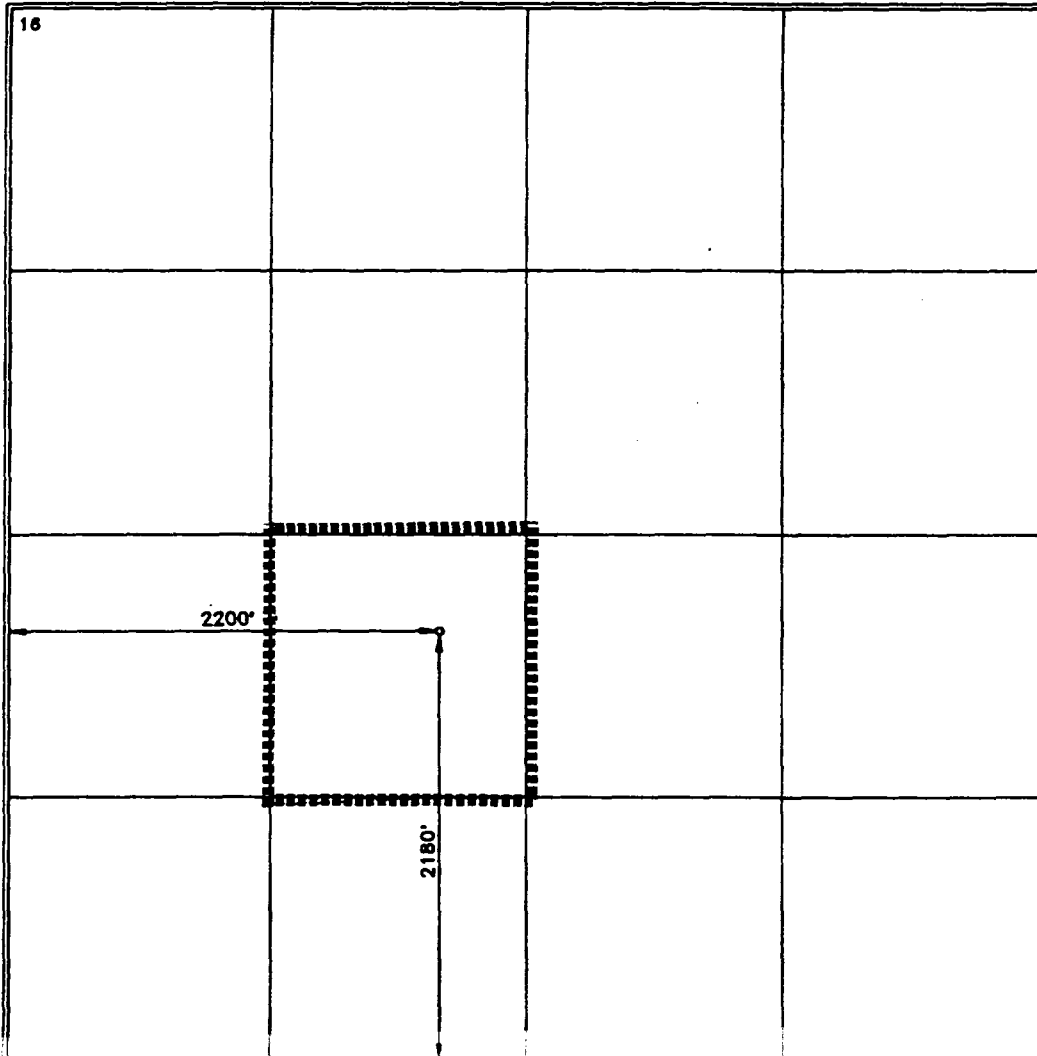
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	28	20-S	38-E		2180	SOUTH	2200	WEST	LEA

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

'Dedicated Acres 40	'Joint or Infill	'Consolidation Code	'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.

Jerry W. Hoover
Signature
JERRY W. HOOVER
Printed Name

SR. CONSERVATION COORDINATOR
Title

5/7/96
Date

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 best of my belief.

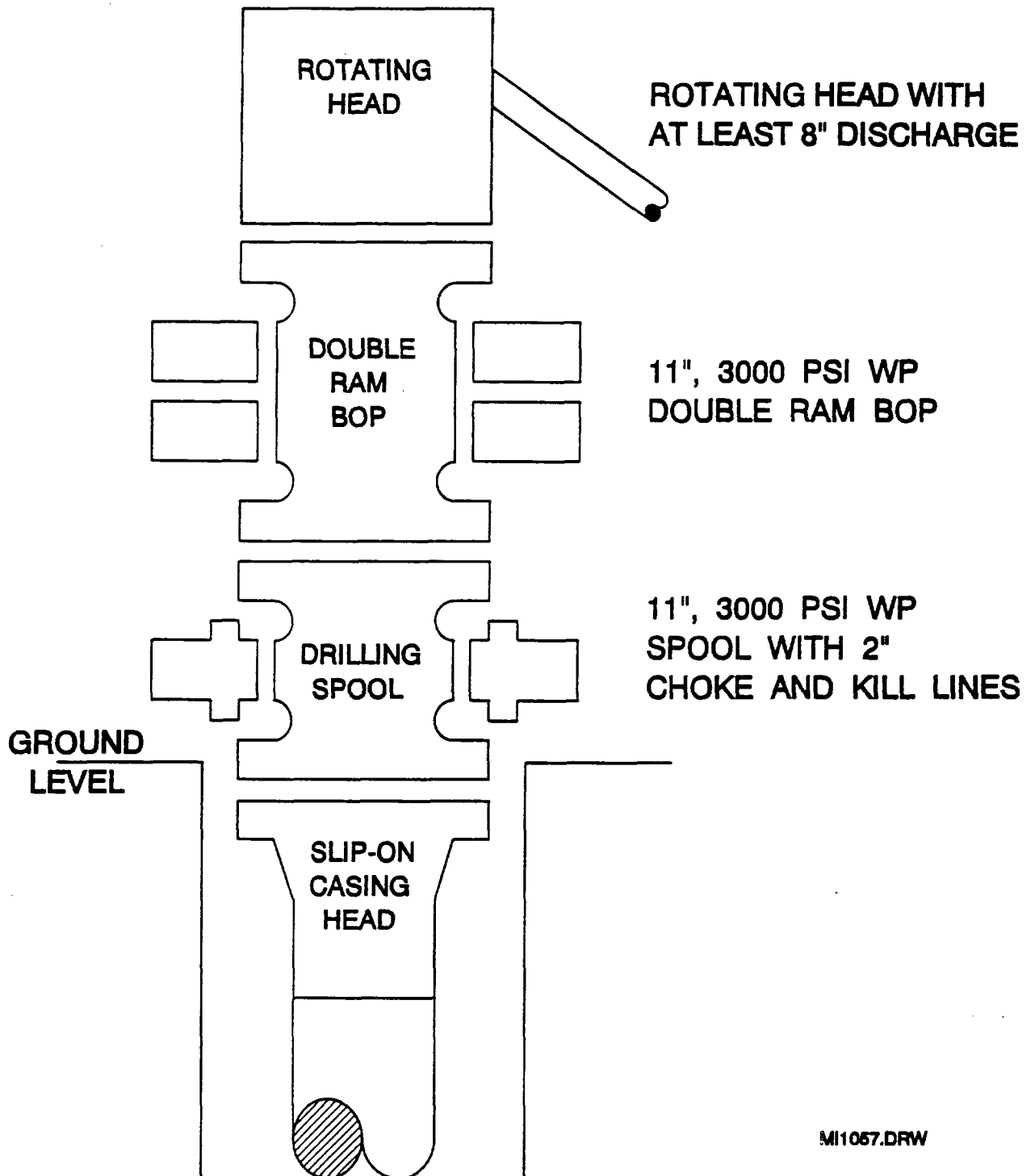
DECEMBER 8, 1995

Date of Survey

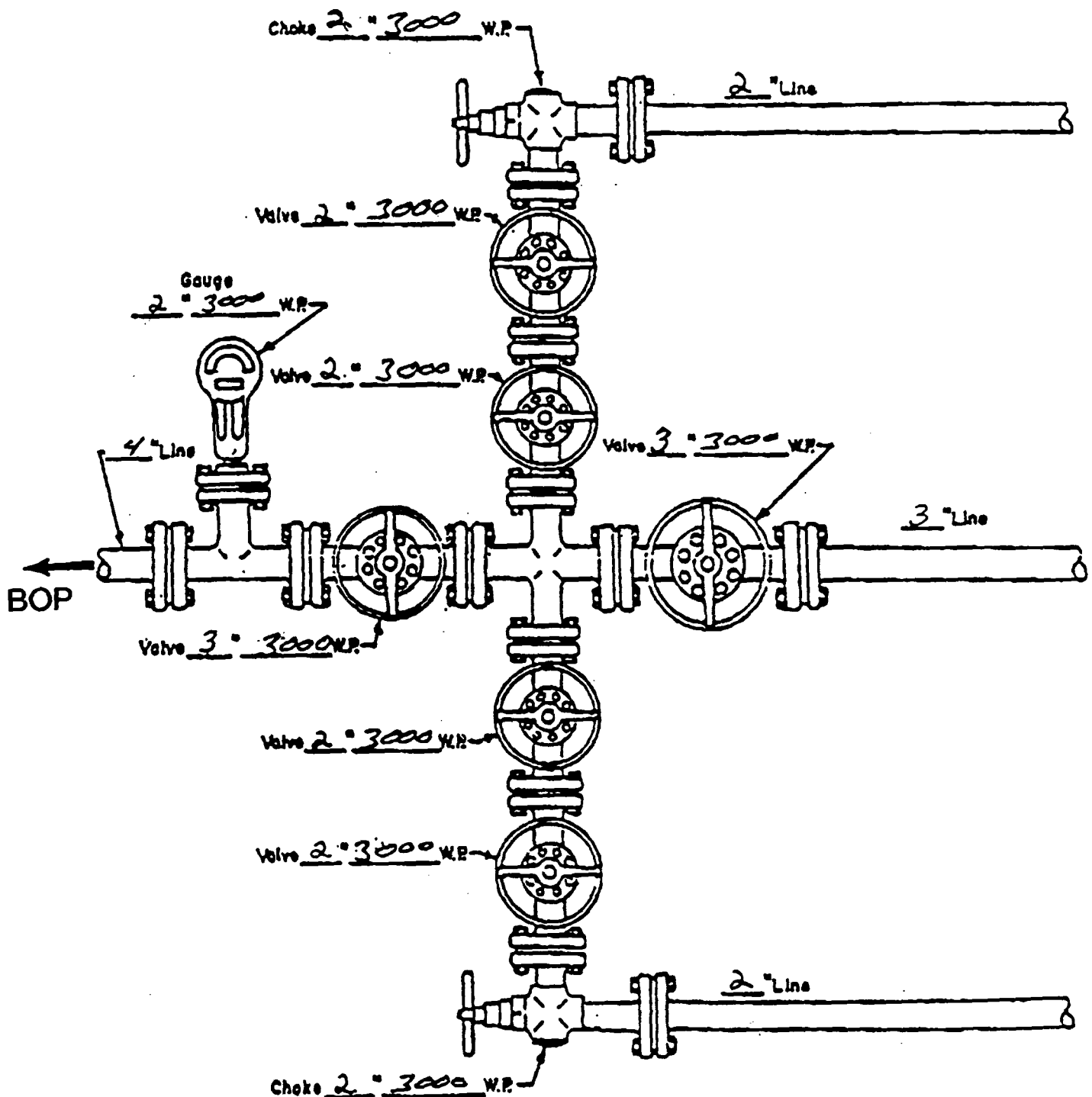
Signature and Seal of Professional Surveyor

Earl Foote
8278
Certificate Number
8278

BOP SPECIFICATIONS



CHOKE MANIFOLD DIAGRAM



MANIFOLD
3000 #W.P.

- ☒ Manual
- ☐ Hydraulic

WRS COMPLETION REPORT

COMPLETIONS 35 18 TWP 20S RGE 38E
PI# 30-T-0029 11/21/96 30 33-85-0000 PAGE 1

NMEV LEA 218 FAL FAL SEC

CONOCO INC

D DO

182

WARREN OIL

3520G1

WARREN

30-001-33485-0000

11/17/1996

10/17/1996

VEPT

OIL

4650 SN ANDRS CAPSTAR

DTG 4650

PE 4650

FM 12 IN ANDRS

LOCATION

6 S NADINE NM

CASING 1 1/2

CSG 3 5 8 3 4650 W/ 150

CSG 5 1 2 3 4650 W/ 80

TUBING

TB 2 7 8 AT 4290

INITIAL

IPP 35BOPD 188 40FD 24HRS

GRAYBURG PERFF W/ 4000-4050 GROSS

SN ANDRS PERFF W/ 4060-4080 GROSS

PERFF 4000-4030 4040-4050 4060-4080 4078-4088

PERFF 4512-4532 4536-4556

SWEP 4478-4566 3400CGALL 4068 SAND

ACID 4010-4084 2000CGALL

SWEP 4000-4084 2600CGALL 4068 SAND

GTW 39.0 GCR 2212

COMMINGLED

TYPE FORMATION LTH TOP DEPT BASE DEPT SUB

LOG YATES 2672

LOG SVN RVRS 1933

11/21/96 30-001-33485-0000



Petroleum Information Corporation

WRS-001

COMPLETIONS SEC 38E
 PIA 30 1-0019 11/21/96 30-17 10-1001 PAGE 2

CONOCO INC
 132 WARREN UNIT D DO

TYPE	FORMATION	LTN	TOP DEPTH	GR DEPTH	CB
LOG	QUEEN		3499		
LOG	PENROSE		3650		
LOG	GRAYBURG		3848		
LOG	SN ANDRS		4058		

SUBSEA MEASUREMENTS FROM 46

LOGS AND SURVEY
 LOGS GF

DRILLING PROGRESS DET.

CONOCO INC
 10 DESTA DR WEST
 MIDLAND, TX 79701
 915-686-5400

05 10 LOC/1996/
 08 01 DRLG 530
 08 09 4650 TD, WOCT
 09 27 4650 TD, PB 4596
 11 29 FIG REL 08/08/96
 4650 TD, PB 4596
 COMP 10/17/96, 12H 10 138 MDPD, 258
 BWP 10 101
 PROD ZONE - GRAYBURG ANDRES 400-4566
 (CROSS) UNMINGLE
 NO CORES OR TESTS

Form 3160-4
(November 1983)
(formerly 9-330)

N.M. Oil Cons. Division
P.O. Box 1980
Albuquerque, NM 88241
NOV 7 1985
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985
LEASE DESIGNATION AND SERIAL NO.
LC 031695B

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
1b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>				7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR CONOCO INC.				8. FARM OR LEASE NAME Warren Unit Well #132	
3. ADDRESS OF OPERATOR 10 Desta Dr., Suite 100, Midland, TX 79705 (915) 684-6381 (915) 686-5424				9. API WELL NO. 30 025 33485	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2180 FWL & 2200 FWL At top prod. interval reported below At total depth				10. FIELD AND POOL, OR WILDCAT Warren San Andres	
14. PERMIT NO. DATE ISSUED 6-10-96				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 28, T20S, R38E	
15. Date Spudded 7-31-96		16. Date T.D. Reached 8-8-96		12. COUNTY OR PARISH Lea	
17. DATE COMPL. (Ready to prod.) 10-3-96		18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 3530'		13. STATE NM	
20. TOTAL DEPTH, MD & TVD 4650'		21. PLUG, BACK T.D., MD & TVD 4596		19. ELEV. CASINGHEAD	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY		ROTARY TOOLS X	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD & TVD)* 4478-4566', 1 spf - Lower San Andres 4000-4084', 1 spf - Grayburg & Upper San Andres				25. WAS DIRECTIONAL SURVEY MADE NO	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR/CCL				27. WAS WELL CORED no	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
8 5/8"		23#		450'	
5 1/2"		15.5#		4650'	
HOLE SIZE		CEMENTING RECORD		Amount Pulled	
12 1/4"		350 ex CI C		NONE	
7 7/8"		780 ex CI C		NONE	
29. LINER RECORD					
Size		TOP (MD)		BOTTOM (MD)	
SACKS CEMENT*		SCREEN (MD)		SIZE	
				2 7/8"	
DEPTH SET (MD)		PACKER SET (MD)			
30. TUBING RECORD					
31. PERFORATION RECORD (Interval, size and number)					
4478-88, 4512, 32, 56-66 - 1 spf 4000-30, 40-50, 64-84' - 1 spf					
32. ACID, SHOT, FRAC., CEMENT SQUEEZE, Etc.					
DEPTH INTERVAL (MD)		AMT. AND KIND OF MATERIAL USED			
4478-4566'		34,000 gals Spectra G-3500			
94,000# 16/30 Sand & 18,000# 16/30 CR-4000 RCS					
4000-4084'		2000 gal 15% NEFE HCL			
26,000 gals Spectra G-3500					
60,000# 16/30 sand & 16,000# 16/30 CR-4000 RCS					
33. PRODUCTION					
DATE FIRST PRODUCTION 10-4-96		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) pumping		WELL STATUS (Producing or PRODUCING)	
DATE OF TEST 10-17-96		HOURS TESTED 24		CHOKE SIZE	
PROD'N. FOR TEST PERIOD		OIL - BBL. 85		GAS - MCF. 188	
WATER - BBL. 258		GAS-OIL RATIO 2212			
FLOW TUBING PRESS. 197		CASING PRESSURE 197		CALCULATED 24-HOUR RATE	
OIL - BBL.		GAS - MCF.		WATER - BBL.	
OIL GRAVITY-API (CORR.) 39					
34. DISPOSITION OF GAS SALES (Sold, used for fuel, vented, etc.)				TEST WITNESSED BY	
35. LIST OF ATTACHMENTS Logs & deviation report					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED		TITLE Ann E. Ritchie, Regulatory Agent		DATE 10-31-96	

(See Instructions and Spaces for Additional Data on Reverse Side)

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.

DISTR: BLM(6) NMOC(1)

Conoco, Inc.
Warren Unit #132

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut in pressures, and recoveries):

FORMATION		TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
					NAME	MEAS. DEPTH	TRUE V. RT. DEPTH
Seven Rivers	3370	3410	Dolomite		Yates	2872	864
Queen	3545	3580	Dolomite		Seven Rivers	2833	608
Grayburg	3850	3870	Dolomite		Queen	3498	42
Grayburg	4000	4058	Dolomite		Penrose	3650	-109
San Andres	4086	4390	Dolomite & LS		Grayburg	3848	-307
San Andres	4400	4628	Dolomite & LS		San Andres	4058	-517

KB 3341

Conoco Inc.
10 Desta Drive West
Midland, TX 79705

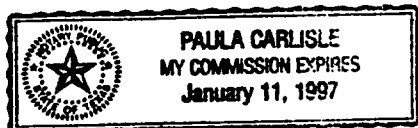
Warren Unit #132
Lea Co.

950	9.50	3/4	1.31	12.47	12.47
1450	5.00	3/4	1.31	6.56	19.03
1950	5.00	3/4	1.31	6.56	25.59
2213	2.63	1 3/4	3.06	8.05	33.65
2460	2.47	3 1/2	6.13	15.13	48.78
2610	1.50	2 3/4	4.81	7.22	56.00
2956	3.46	2	3.50	12.11	68.11
3200	2.44	1 1/2	2.63	6.41	74.51
3700	5.00	1	1.75	8.75	83.26
4200	5.00	1 1/4	2.19	10.94	94.20
4650	4.50	2	3.50	15.75	109.95

Belinda M. Howard

Belinda M. Howard - Administrative Assistant

The attached instrument was acknowledged before me on the 14th day of Aug, 1996 by Belinda M. Howard - Administrative Assistant, Brazeal Inc. d/b/a CapStar Drilling.



Paula Carlisle
Notary Public

District I
PO Box 1988, Hobbs, NM 88241-1988
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Bravo Rd., Alamogordo, 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-104
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
3 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator name and Address Conoco, Inc. 10 Desta Drive, Suite 100W Midland, Texas 79705		OGRID Number 005073
		Reason for Filing Code NW
API Number 30 - 0 25-33485	Pool Name Warren San Andres	Pool Code 96343
Property Code 003122	Property Name Warren Unit	Well Number 132

II. Surface Location

UL or lot no.	Section	Township	Range	Lot/Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
7 R	28	20-S	38-E		2180	South North	2200	West	Lea

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot/Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
Lee Code F	Producing Method Code P	Gas Concession Date 10-4-96	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date				

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	OGC	POD UL/STR Location and Description
005108	Sentinel Transportation Co. 1214 N. Eastside Dr.-Bldg. A Wichita Falls, Texas 76304	0774110	0	Sec. 28, T-20-S, R-38-E
024650	Warren Petroleum Corp. P.O. Box 67 Monument, New Mexico 88265	2813795	G	Sec. 28, T-20-S, R-38-E

IV. Produced Water

POD	POD UL/STR Location and Description
0774150	Sec. 28, T-20-S, R-38-E

V. Well Completion Data

Spud Date	Kelly Date	TD	FBTD	Perforations
7-31-96	10-3-96	4650'	4596'	4478 - 4566' 4000 - 4084'
Hole Size	Casing & Tubing Size	Depth Set	Seals Cement	
12-1/4"	8-5/8"	450'	350 sx C1 C	
7-7/8"	5-1/2"	4650'	780 sx C1 C	

VI. Well Test Data

Date New Oil	Gas Delivery Date	Test Date	Test Length	Test Pressure	Gas Pressure
10-4-96	10-4-96	10-17-96	24	197	197
Choke Size	Oil	Water	Gas	AOF	Test Method
-	85	258	188	-	-

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: 

Printed name: Ann E. Ritchie (915) 684-6381

Title: Regulatory Agent

Date: 11-4-96 Phone: (915) 686-5424

OIL CONSERVATION DIVISION

Approved by: 

Title: 

Approval Date: NOV 08 1996

* If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature

Printed Name

Title

Date

NSL-4582



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

4/26/01

Lori Wrotenbery
Director
Oil Conservation Division

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

RE: Proposed:


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

Gentlemen:

I have examined the application for the:

Conoco Inc Warren Unit # 132-H 28-203-38e
Operator Lease & Well No. Unit S-T-R API # 30.025-33485

and my recommendations are as follows:

Well is within Warren Unit-


Yours very truly,

Chris Williams
Supervisor, District 1