New Mexico Oil Conser... 1625 N. French Drive Hobbs, NM 88240 District I

Form 3 160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 3 1 ,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

5. Lease Designation and Seriai No.: LC 031695A

6. If Indian, Allonee or Tribe Name:

7. If Unit or CA, Agreement Designation: WARREN UNIT

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.: ~~SEMU~~ # 85

2. Name of Operator: ~~CONOCO INC~~ CONOCO INC.

9. API Well No.: 30-025-27091

3. Address and Telephone No.: 10 DESTA DR. STE. 100W, MIDLAND, TX. 79705-4500 (915) 686-5424

10. Field and Pool, or Exploratory Area: Eumont 7 Rvrs, Queen (Oil)

4. Location of Well (Footage. Sec., T. R. M. or Survey Description)
Section 29, T-20-S, R-38-E,
1980' FSL & 430' FWL L

11. County or Parish, State: Lea Co., NM

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

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[ ] Subsequent Repon	[X] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracrunng
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[ ] Other _____	[ ] Dispose Water

(Note: Reponresultsof multiplecompitiononWdl Completion or Recompletion Report and Log form.)

13. Describe Proposed or Compieted 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 attached procedure.

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

Signed Kay Maddox Title Kay Maddox - Regulatory Agent (915) 686-5798 Date October 22, 2001

(This space for Federal or State office use)

Approved by (ORIG. SGD.) ALEXIS C. SWOBODA Title PETROLEUM ENGINEER Date OCT [illegible] 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 junsdiction.

*See Instruction on Reverse Side

5
C

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	2 Pool Code	3 Pool Name
30-025-27091	22800	Eumont, 7 Rvrs, Queen (Oil)

4 Property Code	5 Property Name	6 Well Number
003122	Warren Unit	# 85

7 OGRID No.	8 Operator Name	9 Elevation
005073	Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500	3519

10 Surface Location

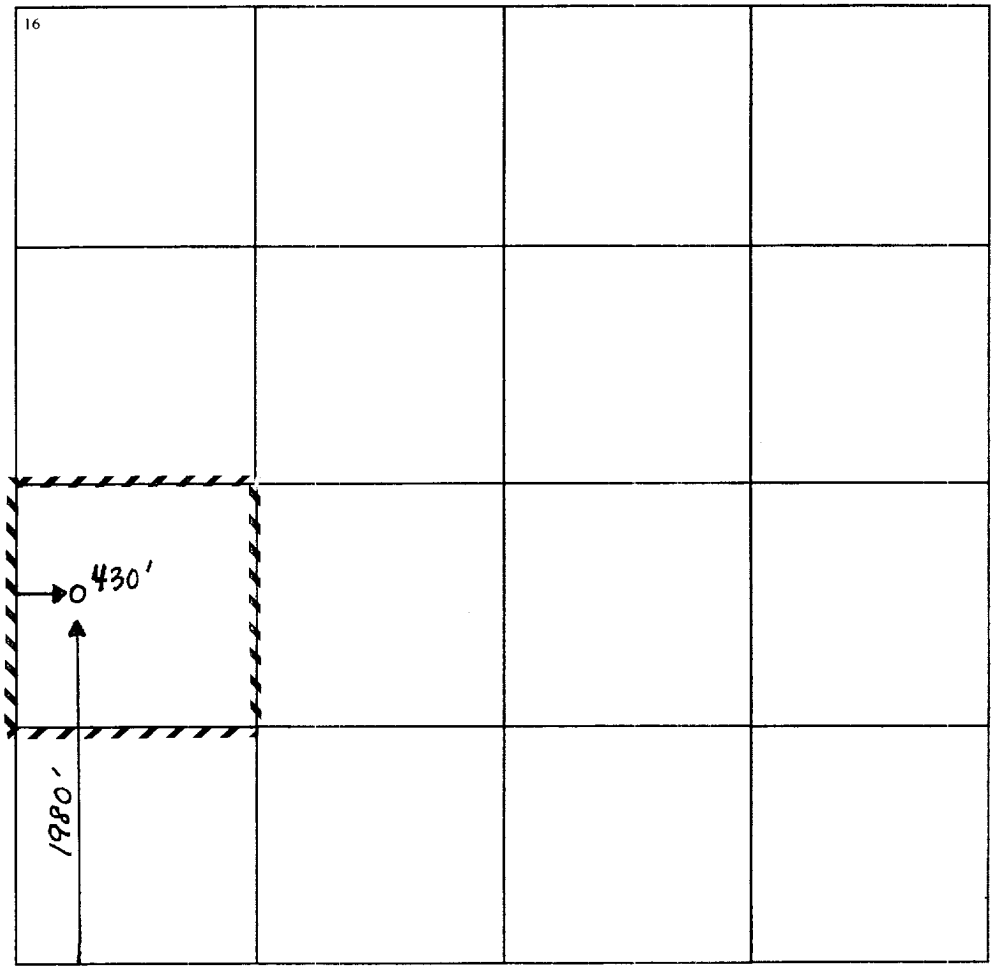
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	29	20S	38E		1980	South	430	West	Lea

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 Infill	14 Consolidation Code	15 Order No.
40			

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: Kay Maddox

Title: Regulatory Agent

Date: October 22, 2001

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

Warren Unit #85

Seven Rivers Recompletion — October 11, 2001

Well Information:

AFE Number:	
Spud Date:	2.20.1981
Last Action to Well:	Ran CBL
API Number:	30-025-27091
Location:	1980' FSL & 430' FWL of Section 29-T20S – R38E, Lea County, NM
Recompletion Zone:	7 Rivers
Battery:	
Expected Production:	
Orig TD:	6198'
Current PBTD:	5739' (Tagged on 9.21.2001)
DV Tool:	None
Elevation:	GLE: 3519' KBE: 3535.4' AGL: 16.4'

Casing Specifications:

Pipe	Depth (ft)	Drift ID (inches)	Collapse (psi)	Burst (psi)	Capacity (bbl/ft)
Surface: 8-5/8", 24#, J-55	1,362	-	-	-	-
Cemented with 500 sacks Class C cement with 2% $CACL_2$ and 4% gel. Pumped 200 sacks Class C cement with 2% $CACL_2$. Circulated 100 sacks to surface.					
Production:5-½", 15.5#, K-55 LT&C	6,198	4.825	4,040	4,810	.0238
Pump 500 gal mud flush. 1st stage: 1100 sx Class C light with 18% salt and 2% $CACL_2$. Tail in with 200 sx Class C with 2% $CACL_2$. Circulated 100 sx to surface. 2nd stage: Pump 240 sx Class C cement. Circulate 40 sx to surface.					

ESTIMATED WELLBORE INFORMATION:

Wellbore Fluids:

7-Rivers:	±38° API oil with sweet (No H_2S, minor amounts of CO_2)
7 Rivers Temp/Press:	95° F/ 1800 PSI

Perforations

Blinebry (Abandoned):	5803', 05, 09,13,15, 20, 31, 36, 46, 48, 62	
Under CIBP	5917', 19, 21, 63, 76	
	6010', 26, 28, 30	
7 Rivers (Proposed):	3018'-3020' (2')	3081'-3083' (2')
4 SPF, 120° phasing	3036'-3038' (2')	3101'-3103' (2')
	3072'-3074' (2')	3138'-3141' (3')

Procedure

1. RU pulling unit. Install 3,000 WP BOP stack and test to 3,000 psi as per SOP.

2. RU Baker Hughes. Install lubricator with pack-off and RIH with 4" hollow carrier perforating guns loaded 4 JSPF with 19 gm charges in 120 degree phasing to perforate the Eumont. Use the Schlumberger CNL/GR/CCL dated 9.21.2001 for depth correlation on the following Eumont intervals.

Interval	NEP	Shots
3018' - 3020'	2	9
3036' - 3038'	2	9
3072' - 3075'	2	9
3081' - 3083'	2	9
3101' - 3103'	2	9
3138' - 3141'	3	13
Total ~~Tubb~~	**13'**	**58**

3. POOH and RD Baker.

4. TIH with 2 7/8", J-55 production tubing with 5 ½" CS-1 treating packer and RBP with ball catcher. Set the RBP at 3200'. Test RBP and casing to 4000 psi and set the treating packer at 2900'.

5. RU BJ to perform acid breakdown in the Eumont. RU treating line with remote automated ball injector. Test treating lines to 6,000 PSIG against treating valve. Release pressure, set treating line nitrogen actuated relief valve to 5,300 PSIG and test. Open the casing valve and leave open to the test tank during breakdown. Pump acid breakdown as per attached BJ recommendation:

TREATING LINE TEST PRESSURE: A minimum 1000 psig over MATP	**4500**	**PSIG**
MAXIMUM ALLOWABLE WORKING PRESSURE: Based on weakest component in system	**5300**	**PSIG**
NITROGEN POP OFF SET PRESSURE: Relief pressure set at the lesser of : **300 psig less than 90% MAWP or,** **300 psig over MATP**	**4200**	**PSIG**
MAXIMUM ALLOWABLE TREATING PRESSURE: If reached, human action required.	**3800**	**PSIG**
MAXIMUM ANTICIPATED TREATING PRESSURE: Based on frac design	**2700**	**PSIG**

6. RD BJ. Release packer and TIH and knock off balls.

7. Reset packer at 2950'. Swab test the 7-Rivers and report results to Midland office.
   A) If little, to no water production is found during swabbing:

a) Release packer and TIH to release RBP with ball catcher. TOOH.

B) If swabbing indicates a high watercut:
   a) Release the packer, TIH to release RBP with ball catcher. TOOH.
   b) PU PPI tool and TIH. Set PPI tool to straddle bottom perforation interval from 3138'-3141'. Swab and note results. Release PPI tool and continue up hole, straddling predetermined perforation intervals and swabbing each. TOOH.
   c) After determining source of water production, TIH with CIBP on 2 7/8" tubing and set above highest interval of water production. TOOH.
   d) Continue with procedure.

8. ND BOP's and NU 5,000 psi frac valve and spool.

9. RU BJ services to the 5,000 PSIG WP frac valve to sand frac the 7-Rivers down the 5 ½", 15.5# casing. Install treating line with a nitrogen actuated relief valve set at 5300 psi.

10. Pump the Spectra G-3500 treatment as per attached BJ Services procedure. Tag the frac with a single radioactive isotope.

TREATING LINE TEST PRESSURE: A minimum 1000 psig over MATP	**4500**	**PSIG**
MAXIMUM ALLOWABLE WORKING PRESSURE: Based on weakest component in system	**5300**	**PSIG**
NITROGEN POP OFF SET PRESSURE: Relief pressure set at the lesser of : **300 psig less than 90% MAWP or,** **300 psig over MATP**	**4200**	**PSIG**
MAXIMUM ALLOWABLE TREATING PRESSURE: If reached, human action required.	**3800**	**PSIG**
MAXIMUM ANTICIPATED TREATING PRESSURE: Based on frac design	**2700**	**PSIG**

11. Shut down and record ISIP, 5, 10 and 15 minute pressures. RD BJ.

12. Flow back to the test tank until the well cleans up or dies. ND the frac valve. If necessary, kill the well with 8.6 ppg brine water prior to removing the frac valve.

13. NU BOP and test to 3,000 PSIG according to SOP.

14. PU 4-3/4" bit and RIH w/ tubing. Tag sand and clean out wellbore to ±5739'. POOH with bit and tubing.

15. TIH with following bottom hole assembly:
   a) wireline re-entry guide with 2.19" ID No-Go "R" profile nipple
   b) 5 ½" MX-1 production packer, ID 2.38" set at 6400'
   c) 2 ⅞" L-80 tubing to surface

16. Swab test the ~~Tubb~~. If well will flow, kill well. ND BOP, NU production tree, and put on production. If not, continue with procedure.

17. Release the packer and TOOH. PU poor boy gas anchor and tubing anchor and TIH with 2 7/8" J-55 tubing. Space out to set the seating nipple at 2950' with the tubing anchor at 2800'. Install the tubing head.

18. ND the BOP's, PU 55 rod string and TIH with 1 ¼" insert rod pump. Notify operator and place on production.