

CMD :
OG6IWCM

ONGARD
INQUIRE WELL COMPLETIONS

02/17/04 09:12:05
OGOMES -TQAJ

API Well No : 30 25 35434 Eff Date : 01-01-2003 WC Status : A
Pool Idn : 96893 HARDY;STRAWN, NORTH
OGRID Idn : 217817 CONOCOPHILLIPS COMPANY
Prop Idn : 31443 SEMU BURGER

Well No : 153
GL Elevation: 3532

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
B.H. Locn	: 4	19	20S	38E	FTG 830 F S FTG	910 F W	A

Lot Identifier:

Dedicated Acre: 160.82

Lease Type : F

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

E6317: No more recs. for this api well no.

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
N.M. Oil Cons. Division

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

SUNDRY NOTICES AND REPORTS ON WELLS

1625 N. French Dr.
Hobbs, NM 88240

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. LC 031670A
2. Name of Operator ConocoPhillips Co.	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 4001 Penbrook, Odessa, TX 79762 (915) 368-1373	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T, R, M, or Survey Description) 830' FSL & 910' FWL, Sec. 19, T20S, R38E, M	8. Well Name and No. SEMU #153
	9. API Well No. 30-025-35434
	10. Field and Pool, or Exploratory Area North Hardy Strawn
	11. County or Parish, State Lea, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other	<input type="checkbox"/> Dispose Water

Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

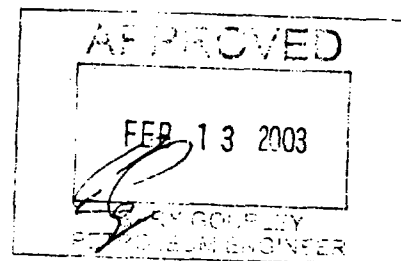
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to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

ConocoPhillips Co. would like to abandon the Strawn formation, while rig is currently on the well, with intention to recomplete to the Eumont upon receiving all appropriate approvals. Abandonment procedure is as follows:

- 1) Trip the tubing out of hole
- 2) RU electric line unit and RIH w/5 1/2" CIBP to set @ 7600' (47' above top Strawn perforation @ 7647')
- 3) RIH w/wireline dump bailer and dump 35' of cement on top of CIBP
- 4) TIH w/ 2 7/8" tubing to the cement top and circulate packer fluid
- 5) Pressure test casing and CIBP to 1,000 psig for 30 min.
- 6) TOOH laying down 2 7/8" tubing; RDMO

Eumont Recompletion Summary Procedure, pending regulatory and partner approval:

- 1) RU pulling unit
- 2) NU and test BOP stack
- 3) TIH w/ 2 3/8" tubing to 3000'
- 4) Spot 500 gals 15% HCL across proposed Eumont
- 5) TOOH w/tubing
- 6) PU 5 1/2" production packer and TIH to set packer @ 2950'
- 7) ND BOP stack and install production tree.
- 8) RU electric line unit and RIH to perforate Eumont from 2995'-3001' (6' of pay)
- 9) RU stimulation company & break down Eumont perfs; swab back load & place on production. RDMO



14. I hereby certify that the foregoing is true and correct		Reesa R. Holland	
Signed <u>Reesa R. Holland</u>	Title <u>Regulatory Analyst</u>	Date <u>2/10/03</u>	
(This space for Federal or State office use)			
Approved by _____		Title _____	
Conditions of approval if any: _____		Date _____	

BLM(6), NMOC(1), SHEAR, PROD ACCTG, COST ASST, FIELD, 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

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 30-025-35434		2 Pool Code 96893		3 Pool Name North Hardy Strawn	
4 Property Code 31447		5 Property Name SEMU			6 Well Number 153
7 OGRID No. 217817		8 Operator Name ConocoPhillips Company, 4001 Penbrook, Odessa, TX 79762			9 Elevation 3532' GR

10 Surface Location

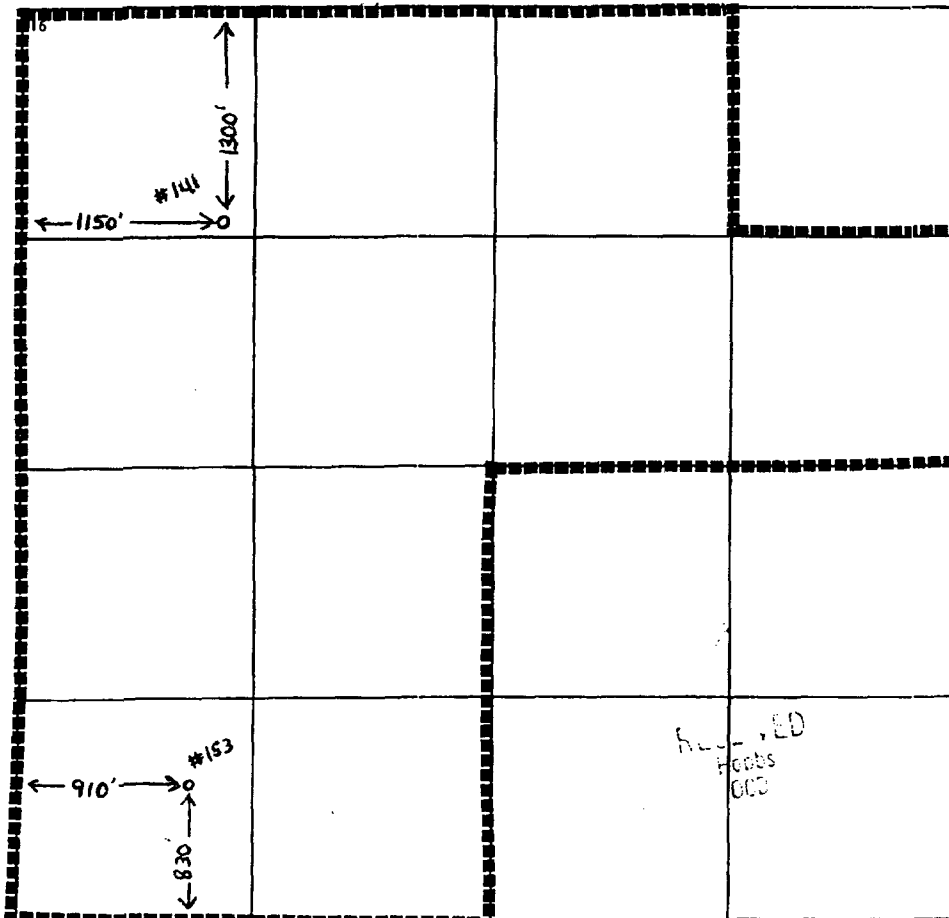
UL or lot no. M	Section 19	Township 20S	Range 38E	Lot Idn	Feet from the 830	North/South line South	Feet from the 910	East/West line West	County Lea
--------------------	---------------	-----------------	--------------	---------	----------------------	---------------------------	----------------------	------------------------	---------------

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 440	13 Joint or Infill	14 Consolidation Code	15 Order No. NSP #1666-B(L)(SD) simultaneously dedicate #153 to Proration Unit of #141
---------------------------	--------------------	-----------------------	---

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

Reesa Holland
Signature

Reesa R. Holland
Printed Name

Regulatory Analyst
Title

2/10/03
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

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-104A
March 19, 2001

Oil Conservation Division
220 South St. Francis Dr.
Santa Fe, NM 87505

Submit 1 copy of the final affected wells
list along with 1 copy of this form per
number of wells on that list to appropriate
District Office

Change of Operator

Previous Operator Information:

OGRID: 005073
Name: Conoco Inc.
Address: 10 Desta Drive, Suite 100W
Address: _____
City, State, Zip: Midland, TX 79705

New Operator Information:

Effective Date: 01/01/2003
New Ogrid: 217817
New Name: ConocoPhillips Company
Address: 4001 Penbrook Street
Address: _____
City, State, Zip: Odessa, TX 79762

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information on this form and the attached list of wells is true and complete to the best of my knowledge and belief.

New Operator

Signature: Yolanda Perez

Printed name: Yolanda Perez

Title: Sr. Regulatory Analyst

Date: 12/30/2002 Phone: (832)486-2329

Previous operator complete below:

Previous
Operator: Conoco Inc.
Previous
OGRID: 005073
Signature: Yolanda Perez
Printed
Name: Yolanda Perez

NMOCD Approval

Signature: Paul F. Kautz

Printed

Name: PAUL F. KAUTZ

District: PETROLEUM ENGINEER

Date: JAN 27 2003

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

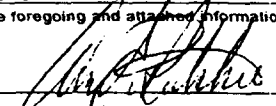
Approved
Legal Bureau No. 1004-01371625 N. French Dr.
Hobbs, NM 88240LEASE REGISTRATION AND SERIAL NO.
EC 631670A

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1 a. 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	
1 b. 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 SEMU Burger, Well # 153	
3. ADDRESS OF OPERATOR 10 Desta Dr., Suite 100W, Midland, TX 79705				9. API NO. 30 025 35434 51	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 830' FSL & 910' FWL (M) At top prod. interval reported below " At total depth "				10. FIELD AND POOL, OR WILDCAT North Hardy Strawn	
14. PERMIT NO. DATE ISSUED 2-26-01				11. SEC., T., R., M. OR BLOCK AND SURVEY OR AREA Sec 19, T20S, R38E	
15. Date Spudded 3-29-01		16. Date T.D. Reached 4-22-01		12. COUNTY OR PARISH Lea	
17. DATE COMP (Ready to prod) 9-6-01		18. ELEVATIONS (DF, RKB, RT, GP, ETC.) 3532' GR		13. STATE NM	
20. TOTAL DEPTH, MD & TVD 7850'		21. PLUG, BACK T.D., MD & TVD 7763'		19. ELEV. CASINGHEAD	
22. IF MULTIPLE COMPL. HOW MANY* 23. INTERVALS DRILLED BY X				25. WAS DIRECTIONAL SURVEY MADE NO	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION -- TOP, BOTTOM, NAME (MD & TVD)* Strawn @ 7647 - 7733'				27. WAS WELL CORED sidewall	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR/CBL/CCL					

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB. IFT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	Amount Pulled
11 3/4"	42#	1504'	14 3/4"	700 sx	none
5 1/2"	17#	7850'	7 7/8"	1090 sx	none
29. LINER RECORD					
Size	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	30. TUBING RECORD
					Size DEPTH SET (MD) PACKER SET (MD)
					2 7/8" 7650'
31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRAC., CEMENT SQUEEZE, Etc.		
			DEPTH INTERVAL (MD) AMT. AND KIND OF MATERIAL USED		
			7647 - 7733' 5000 gals 15% NEFE HCL & ball sealers		
Strawn w/2 spf @ 7647-53, 7672-79, 7688-7708, 7714-33'					

33. PRODUCTION							
DATE FIRST PRODUCTION 9-6-01		PRODUCTION METHOD (Flowing, gas lift pumping - size and type of pump) pumping				WELL Status (Producing or shut-in) Producing	
DATE OF TEST 9-12-01	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR OIL-- BBL. TEST Period	GAS--MCF. 385	WATER-- BBL. 1415	GAS-OIL RATIO	1028
FLOW. TUBING PRESS.	CASING PRESSURE 100	CALCULATED 24-HOUR RATE	OIL-- BBL.	GAS-- MCF.	WATER-- BBL.	OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, eta)			TEST WITNESSED BY				

35. LIST OF ATTACHMENTS C-104, Inclination, logs previously submitted.		36. I hereby certify that the foregoing and attached information is complete and correct as furnished from reliable records	
SIGNED 		TITLE Regulatory Agent	
		DATE 10-3-01	

*(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.

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.
			CONOCO, INC. SEMU #153, LC 031670A, API #30 025 35434, Sec 19, T20S, R38E, 830' FSL & 910' FWL, Lea County, New Mexico

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS DEPTH	TRUE VERT. DEPTH
Yates	2657	
7Rivers	2902	
Queen	3470	
Penrose	3592	
Grayburg	3748	
San Andres	3974	
Glorieta	5270	
Blinbry Mkr	5828	
Tubb Mkr	6326	
Drinkard	6654	
Abo	6938	
Strawn	7584	

RECEIVED
2001 OCT 10 10:15 AM
U.S. GEOLOGICAL SURVEY

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 Filing Code NW 9/01		
4. API Number 30 - 0 25 35434	5. Pool Name North Hardy Strawn	6. Pool Code 96893
7. Property Code 3081	8. Property Name SEMU	9. Well Number 153

II. 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
M	19	20S	38E		830'	South	910'	West	Lea

11. 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
12 Lsc Code F	13. Producing Method Code pumping	14. Gas Connection Date 9-6-01	15. C-129 Permit Number	16. C-129 Effective Date	17. C-129 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
037480	EOTT Energy Pipeline LP P.O. Box 1188, Houston, TX 77251-1188	2824131	O	Sec 19, T20S, R38E
024650	Dynegy Midstream Services, LP, 6 Desta Dr., #3300, Midland, TX 79705	2824132	G	Sec 29, T20S, R38E

IV. Produced Water

23. POD	24. POD ULSTR Location and Description
0784950	Sec 23, T20S, R37E

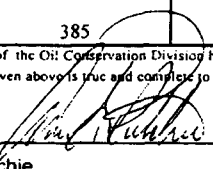
V. Well Completion Data

25 Spud Date	26 Ready Date	27. TD	28. PBTD	29. Perforations
3-29-01	9-6-01	7850'	7763'	7647 - 7733'
30. Hole Size	31. Casing & Tubing Size	32. Depth Set	33. Sacks Cement	
14 3/4"	11 3/4"	1504'		
7 7/8"	5 1/2"	7850'		
	2 7/8"	7650'		

VI. Well Test Data

34. Date New (oil)	35. Gas Delivery Date	36. Test Date	37. Test Length	38. Tbg. Pressure	39. Csg. Pressure
9-6-01	9-6-01	9-12-01	24		100
40. Choke Size	41. Oil	42. Water	43. Gas	44. AOF	45. Test Method
	385	1415	396		

(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
Title: Regulatory Agent 915 684-6381, 686-5580
Date: 10-3-01 Phone: (915) 684-6381

OIL CONSERVATION DIVISION

Approved by

Title

Approval Date:

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.

P.O. Box 953

Midland, Texas 79702

SEMU # 153

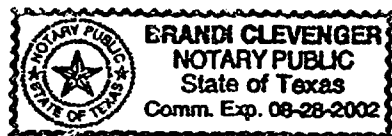
Lea County, New Mexico

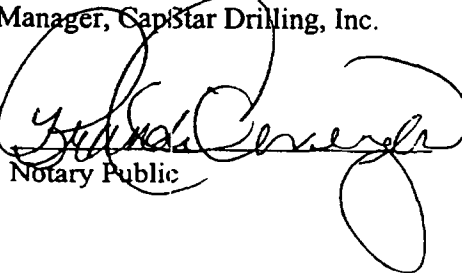
Unit M 19-20s-38e
830/s & 910/w
30-025-35434

549	5.49	3/4	1.31	7.21	7.21
1044	4.95	1	1.75	8.66	15.87
1484	4.40	1 1/4	2.19	9.63	25.49
1990	5.06	1	1.75	8.86	34.35
2524	5.34	1 1/4	2.19	11.68	46.03
3027	5.03	1 1/2	2.63	13.20	59.23
3594	5.67	3/4	1.31	7.44	66.68
3909	3.15	1	1.75	5.51	72.19
4404	4.95	2	3.50	17.33	89.51
4655	2.51	2	3.50	8.79	98.30
4907	2.52	1 1/4	2.19	5.51	103.81
5411	5.04	1 1/4	2.19	11.03	114.84
5915	5.04	1 1/2	2.63	13.23	128.07
6419	5.04	3/4	1.31	6.62	134.68
6921	5.02	3/4	1.31	6.59	141.27
7425	5.04	1	1.75	8.82	150.09
7850	4.25	1	1.75	7.44	157.53


Michael Roghair - General Manager

The attached instrument was acknowledged before me on the 27th day of April, 2001 by Michael Roghair - General Manager, CapStar Drilling, Inc. K2




Notary Public

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

Form approved.

Budget Bureau No. 1004-0137

Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.
LC 031670A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
SEMU Burger, Well # 153

9. API NO.
30 025 35434

10. FIELD AND POOL, OR WILDCAT
North Hardy Strawn

11. SEC., T., R., M. OR BLOCK AND SURVEY
OR AREA

Sec 19, T20S, R38E

12. COUNTY OR
PARISH

13. STATE

Lea

NM

1a. TYPE OF WELL:

OIL
WELL ☒

GAS
WELL ☐

DRY ☐ OTHER

1b. TYPE OF COMPLETION:

NEW
WELL ☒

WORK
OVER ☐

DEEP-
EN ☐

PLUG
BACK ☐

DIFF.
RESVR. ☐

OTHER

2. NAME OF OPERATOR

Conoco, Inc.

3. ADDRESS OF OPERATOR

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

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

At surface

830' FSL & 910' FWL (M)

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

2-26-01

15. Date Spudded

3-29-01

16. Date T.D. Reached

4-22-01

17. DATE COMP (Ready to prod)

9-6-01

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)

3532' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

7850'

21. PLUG, BACK T.D., MD & TVD

7763'

22. IF MULTIPLE COMPL.,
HOW MANY*

23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

24. PRODUCING INTERVAL(S), OF THIS COMPLETION -- TOP, BOTTOM, NAME (MD & TVD)*

Strawn @ 7647 - 7733'

25. WAS DIRECTIONAL
SURVEY MADE

no

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/CBL/CCL

27. WAS WELL CORED

sidewall

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	Amount Pulled
11 3/4"	42#	1504'	14 3/4"	700 sx	none
5 1/2"	17#	7850'	7 7/8"	1090 sx	none

29. LINER RECORD

Size	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	30. TUBING RECORD
					SIZE DEPTH SET (MD) PACKER SET (MD)
					2 7/8" 7650'

31. PERFORATION RECORD (Interval, size and number)

32. ACID, SHOT, FRAC., CEMENT SQUEEZE, Etc.

DEPTH INTERVAL (MD)	AMT. AND KIND OF MATERIAL USED
7647 - 7733'	5000 gals 15% NEFE HCL & ball sealers

Strawn w/2 spf @ 7647-53, 7672-79, 7688-7708, 7714-33'

33. PRODUCTION

DATE FIRST PRODUCTION 9-6-01		PRODUCTION METHOD (Flowing, gas lift pumping - size and type of pump) pumping				WELL Status (Producing or shut-in) Producing	
DATE OF TEST 9-12-01	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR OIL-- BBL. TEST Period 385	GAS--MCF 396	WATER -- BBL. 1415	GAS-OIL RATIO 1028	
FLOW. TUBING PRESS.	CASING PRESSURE 100	CALCULATED 24-HOUR RATE	OIL-- BBL.	GAS -- MCF.	WATER -- BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc)

TEST WITNESSED BY

sales

35. LIST OF ATTACHMENTS

C-104, Inclination, logs previously submitted.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE Regulatory Agent

DATE 10-3-01

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

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):

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS DEPTH	TRUE VERT. DEPTH
			CONOCO, INC. SEMU #153, LC 031670A, API #30 025 35434, Sec 19, T20S, R38E, 830' FSL & 910' FWL, Lea County, New Mexico	Yates	2657	
				7Rivers	2902	
				Queen	3470	
				Penrose	3592	
				Grayburg	3748	
				San Andres	3974	
				Glorieta	5270	
				Blinbry Mkr	5828	
				Tubb Mkr	6326	
				Drinkard	6654	
				Abo	6938	
				Strawn	7584	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240

FORM APPROVED
Bureau No. 1004-0135
Expires: March 31, 1993
5. Designation and Serial No.

LC 031670(A)

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) 686-5580/684-6381

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

Sec 19, T20S, R38E, 830' FSL & 910' FWL, Unit Ltr. M

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

SEMU Burger, Well #153

9. API Well No.

30 025 35434

10. Field and Pool, or Exploratory Area

North Hardy Strawn

11. County or Parish, State

Lea County, 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 Spud & casing/cementing

- ☐ 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.)

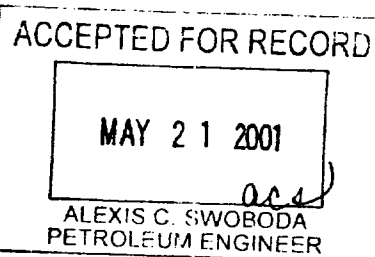
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to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

3-29-01: Spud 14 1/4" hole.

3-31-01: Ran 11 3/4", 42#, 40 & J-55, STC casing to 1504'. Cemented with lead slurry of 485 sx Cl C, 0.25 lbs/sx cello-seal, 2% BWOC SM, .005 gal/sx FP-6L, tailed with 215 sx Cl C w/2% CaCl2 & .005 gals/sx FP6L. Circulated 29 bbls cement to pit. WOC.

4-20-01: Circulate for logs & sidewall cores. TD @ 7850'.

4-22-01: Ran 5 1/2", 17#, J-55 & K-55, LTC casing to 7850'. Cemented with 1st stage, lead slurry of 250 sx, Cl C w/5% SM, 0.25 lbs/sx cello-seal, tailed with 450 sx Cl C w/5% SM, 1% FL-62. 2nd stage, lead slurry of 700 sx Cl C, 5% SM, 0.25 lbs/sx cello-seal, tailed w/100 sx Cl C neat. DV tool @ 3899'. Good cement returns. WOC.



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

Signed

Title

Ann E. Ritchie
Regulatory Agent

Date

5-11-01

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval if any.

BLM(6)

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.

CWW

41

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Bureau No. 1004-0135
Expires: March 31, 1993
Lease Designation and Serial No.
N.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240
LC 031670A

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	6. If Indian, Allottee or Tribe Name
2. Name of Operator CONOCO INC.	7. If unit or CA, Agreement Designation SEMU
3. Address and Telephone 10 DESTA DRIVE, SUITE 649W, MIDLAND, TEXAS 79705-4500	8. Well Name and No. #153
4. Location of Well (Footage, Sec., T. R. M. or Survey Description) M Section 19, T20S, R38E 830' FSL & 910' FWL	9. API Well No. 30-025-35434
	10. Field and Pool, or Exploratory Area North Hardy Strawn Pool
	11. County or Parish, State Lea County, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input checked="" type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Amend Casing Design</u>	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completions 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.

Conoco Inc. proposes to adjust the Casing Design. We may have problems with the 7 rivers formation and may have to run an intermediate string as per the attached revised Well Plan Outline and Cementing Plan. We propose to ask for a Contingency that in the chance we may have problems we will be covered.

14. I hereby certify that the foregoing is true and correct Signed <u>Kimberly Southall</u> Title: <u>Analyst</u> Date: <u>12/13/00</u>
15. (This space for Federal or State office use) Approved by <u>[Signature]</u> Title: <u>[Blank]</u> Date: <u>[Blank]</u> Conditions of approval if any: <u>[Blank]</u>

[Handwritten mark]

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0136
Expires February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

b. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER

SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Conoco Inc.

3. ADDRESS AND TELEPHONE NO.

10 Desta Drive, Suite 649W, Midland, TX 79705; 915/686-5515

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

At surface

830' FSL & 910' FWL

At proposed prod. Zone

830' FSL & 910' 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 drg. Unit line, if any)

6. NO. OF ACRES IN LEASE

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

9. PROPOSED DEPTH
8050'

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

3532'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*

12/02/00

5. LEASE DESIGNATION AND SERIAL NO.

LC031670(A)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

SEMU Burger

8. FARM OR LEASE NAME WELL NO.

#153

9. API WELL NO.

30-025-35434

10. FIELD AND POOL, OR WILDCAT

North Hardy Strawn Pool

11. SEC., T., R., M. OR BLK.
AND SURVEY OR AREA

Sec. 19, T20S, R38E

12. COUNTY OR PARISH

Lea

13. STATE

NM

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	J-55; 8-5/8"	24#	1500'	665 sxs, circ.
7-7/8"	J-55; 5-1/2"	17.0#	7850'	965 sxs, circ.

It is proposed to drill a vertical wellbore in the North Hardy Strawn Pool. An NOS was filed 10/18/00. The well will be drilled and equipped according to the following additional attachments:

CARTER OIL FIELD WATER BASIN

1. Well Location & Acreage Dedication Plat (C-102).
2. Proposed Well Plan Outline.
3. Cementing Plan.
4. Blowout Preventer Hookup.
5. Surface Use Plan.
6. Trailer Mounted Rig Layout Drawing.
7. BOP & Choke Manifold Specifications.
8. H2S Drilling Operations Plan.

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

OPER. PERMIT NO. 5073
APPROVAL NO. 3077
96843
3-1-01
30-025-35434

This application includes ROW's for the well pad, flowline and powerline. The undersigned accepts all applicable terms, conditions, stipulations and restrictions concerning operations conducted on the leased land or portion thereof, as described above and as covered by BLM Bond File No. ES-0085.

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.

SIGNED Kirkby Southell TITLE: Analyst

DATE 11/09/00

(This space for Federal or State office Use)

PERMIT NO. ORIGINAL 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 thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY _____ TITLE _____ DATE _____

*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.

5/25

8
mp

PROPOSED WELL PLAN OUTLINE

WELL NAME
LOCATION

SEMU #153
990' FSL & 895' FWL, Sec 19, T20S, R38E, Lea County, NM

Ground Level : 3,540'
Kelly Bushing: 11' AGL

Depth MD	FORMATION TOPS (from GL)	DRILLING PROBLEMS	TYPE OF FORMATION EVALUATION	HOLE SIZE	CASING PROGRAM	FRAC GRAD	FORM. PRES. GRAD.	Mud Weight & Type	Days
0		Possible Hole Enlargement & Sloughing		12-1/4"			Less than 8.3	8.4 - 9.5 Fresh	
1000					8-5/8", 24#, J-55 ST&C @ 1,500'				3
	Top Salt @ 1,400'	Washouts in Salt Section		7-7/8"	Circulate Cement			10 Brine	
2000							Less than 8.4		
	Base Salt @ 2,550'		Mud Loggers @ 2,600'						
	Yates 2,660'	Possible oil production from Yates.	H2S monitor equipment on @ 2,600'						
	7 Rivers 2,905'								
3000									
	Queen 3,475'								
	Penrose 3,615'								
	Grayburg 3,770'								
4000	San Andres 3,985'								
		Mud loss in San Andres is likely. Possible loss of returns.							
5000									7
	Glorietta 5,280'	Possible differential sticking thru Glorietta Possible lost returns.							
	Blinberry 5,830'								
6000									
	Tubb 6,325'								10
	Drinkard 6,660'								
7000	Abo 6,930'		First Log Run: GR-CAL-DLL-MLL-SGR-SONIC FDC-CNL-PE : TD to 2000' Pull GR-CNL-Cal to Surf SGR interval to be chosen					10 ppg Starch Gel	
	Strawn @ 7,600'		Second Log Run: 30 rotary sidewall cores		5-1/2", 17#, J-55 LT&C set @ 7,850'				
	TD @ 7,850'	Offset data from: SEMU #126 SEMU #139	Possible Third Run: FMI imaging log		Circulate cement either single or 2 stage				17
8000	Devonian @ 7,885'								

DATE

31-Oct-00

Joe Huck, Geologist

APPROVED

David Delso, Drilling Engineer

Joe Miller, Reservoir Engineer

DISTRICT I

1625 N. French Dr., Hobbs, NM 88240

DISTRICT II

511 South First, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Artesia, NM 87410

DISTRICT IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised March 17, 1999

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, New Mexico 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-35434	Pool Code 96893	Pool Name North Hardy STRAWN
Property Code 003077	Property Name SEMU BURGER	Well Number 153
OGRID No. 005073	Operator Name CONOCO INC.	Elevation 3532'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	19	20 S	38 E		830	SOUTH	910	WEST	LEA

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 160		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

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature <u>Kay Maddox</u> Printed Name <u>KAY maddox</u> Title <u>Regulatory Agent</u> Date <u>October 31, 2000</u>	
	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 <u>October 23, 2000</u> Signature <u>L JONES</u> Professional Surveyor W.O. No. <u>0579A</u> Registered Professional Surveyor 7977 Certificate No. <u>7977</u> BASIN SURVEYS	



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Jennifer A. Salisbury

Cabinet Secretary

March 2, 2001

Lori Wrotenbery

Director

Oil Conservation Division

Conoco, Inc.
10 Desta Drive - Suite 100-W
Midland, Texas 79705-4500
Attention: Kay Maddox, Regulatory Agent

Administrative Order NSP-1666-B(L)(SD)

Dear Ms. Maddox:

Reference is made to the following: (i) your application dated November 9, 2000; (ii) the records of the New Mexico Oil Conservation Division ("Division") in Santa Fe, including the files on Division Administrative Order NSP-1666 (L), dated April 6, 1993, Division Administrative Order NSP-1666-A (L) (SD), dated January 10, 2000, and Division Administrative Order NSP-1807, dated October 4, 1999; (iii) your written message dated February 23, 2001 with attachments; (iv) your telephone conversations with Mr. Michael E. Stogner, Division Engineer/Chief Hearing Officer on Wednesday, February 28, 2001 and Thursday, March 1, 2001; and (v) the stipulated declaratory judgement of the First Judicial District Court in Santa Fe County, New Mexico issued on December 15, 2000: all concerning Conoco, Inc.'s requests to combine acreage from two existing non-standard gas spacing and proration units ("GPU") in order to form a single 601.68-acre non-standard GPU consisting of the following acreage in the Eumont Gas Pool:

LEA COUNTY, NEW MEXICO
TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
Section 19: Lots 1, 2, 3, and 4, W/2 NE/4, SE/4 NE/4,
E/2 NW/4, E/2 SW/4, and SE/4.

The Division Director Finds That:

(1) By Administrative Order NSP-1666-A (L) (SD) the Division established a 441.68-acre non-standard GPU comprising Lots 1, 2, 3, and 4, the W/2 NE/4, the SE/4 NE/4, the E/2 NW/4, and the E/2 SW/4 of Section 19 to be simultaneously dedicated to Conoco, Inc.'s:

- (i) SEMU Burger "B" Well No. 72 (API No. 30-025-12760), located at an unorthodox gas well location for this 441.68-acre GPU 330 feet from the North line and 1650 feet from the East line (Unit B) of Section 19;
- (ii) SEMU Burger "B" Well No. 126 (API No. 30-025-34127),

located at an unorthodox gas well location for this GPU 1310 feet from the South line and 1120 feet from the West line (Lot 4/Unit M) of Section 19; and

- (iii) SEMU Burger Well No. 141 (API No. 30-025-34921), located at an unorthodox gas well location for this GPU 1300 feet from the North line and 1150 feet from the West line (Lot 1/Unit D) of Section 19.

(2) Similarly, by Administrative Order NSP-1807 the Division established a 160-acre non-standard GPU comprising the SE/4 of Section 19 for Conoco, Inc.'s SEMU Burger Well No. 81 (API No. 30-025-20500), located at a standard gas well location for this 160-acre GPU 660 feet from the South and East lines (Unit P) of Section 19.

(3) According to your application and Division records the above-described SEMU Burger "B" Wells No. 72 and 126 have never been completed within the Eumont Gas Pool and that the SEMU Burger Well No. 141 is the only Eumont gas well assigned the aforementioned 441.68-acre GPU.

(4) The immediate application has been duly filed under the provisions of: (i) Division Rules 104.D (2) and 104.F, revised by Division Order No. R-11231, issued by the New Mexico Oil Conservation Commission in Case No. 12119 on August 12, 1999; (ii) Division Rule 605.B; and (iii) the "*Special Rules and Regulations for the Eumont Gas Pool*", as promulgated by Division Order No. R-8170, as amended, and appears to be in compliance with the principals and provisions set forth in the stipulated declaratory judgement of the First Judicial District Court in Santa Fe County, New Mexico issued on December 15, 2000.

(5) The newly proposed 601.68-acre GPU is to be simultaneously dedicated to Conoco, Inc.'s: (i) above-described SEMU Burger Well No. 141, which according to Rule 2 (b) 4 of the special Eumont Gas Pool rules is also located at an unorthodox for the proposed 601.68-acre GPU; (ii) above-described SEMU Burger Well No. 81, which location is now considered to be unorthodox for this expanded GPU; and (iii) proposed SEMU Burger Well No. 152, to be drilled at an unorthodox infill gas well location 2630 feet from the North line and 1530 feet from the East line (Unit G) of Section 19.

It Is Therefore Ordered That:

(1) Under the provisions of Division Rules 605.B (2) (b), 104.D (2), and 104.F (2) and the applicable provisions of the "*Special Rules and Regulations for the Eumont Gas Pool*", a single 601.68-acre non-standard GPU comprising Lots 1, 2, 3, and 4, the W/2 NE/4, the SE/4 NE/4, the E/2 NW/4, the E/2 SW/4, and the SE/4 of Section 19, Township 20 South, Range 38 East,

NMPM, Lea County, New Mexico is hereby established.

It Is Further Ordered That:

- (2) This unit is to be simultaneously dedicated to Conoco, Inc.'s:
 - (i) existing SEMU Burger Well No. 81 (API No. 30-025-20500), located at an unorthodox gas well location for this 601.68-acre GPU 660 feet from the South and East lines (Unit P) of Section 19;
 - (ii) existing SEMU Burger Well No. 141 (API No. 30-025-34921), located at an unorthodox gas well location for this GPU 1300 feet from the North line and 1150 feet from the West line (Lot 1/Unit D) of Section 19; and
 - (iii) proposed SEMU Burger Well No. 152, to be drilled at an unorthodox infill gas well location 2630 feet from the North line and 1530 feet from the Eats line (Unit G) of Section 19.

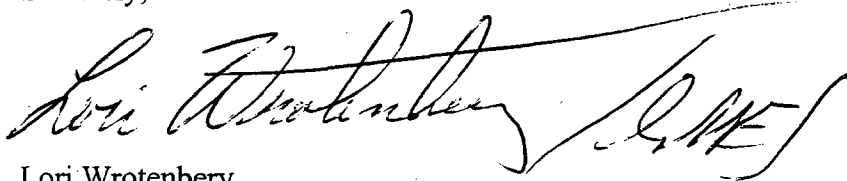
(3) Conoco, Inc. is hereby permitted to produce the allowable assigned this 601.68-acre GPU from the SEMU Burger Wells No. 81, 141, and 152 in accordance with Rule 8 of the special rules governing the Eumont Gas Pool, as revised by Division Orders No. R-8170-G and R-8170-G-1, and Division Rule 605.D (4) (a).

(4) Division Administrative Order NSP-1666-A (L) (SD) and NSL-1807 shall both be placed in abeyance until further notice.

Administrative Order NSP-1666-B(L)(SD)
Conoco, Inc.
March 2, 2001
Page 4

(5) Jurisdiction of this case is retained for the entry of such further orders as the Division may deem necessary.

Sincerely,

A handwritten signature in cursive script, appearing to read "Lori Wrotenbery", followed by a large, stylized flourish or set of initials.

Lori Wrotenbery
Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Hobbs
U. S. Bureau of Land Management - Carlsbad
W. Thomas Kellahin, Legal Counsel for Conoco, Inc. - Santa Fe
File: NSP-1666(L) /
NSL-3854
NSP-1666(L)(SD)
NSP-1807



**NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT**

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

January 10, 2000

Conoco, Inc.
10 Desta Drive - Suite 100-W
Midland, Texas 79705-4500
Attention: Kay Maddox, Regulatory Agent

Administrative Order NSP-1666-A (L) (SD)

Dear Ms. Maddox:

Reference is made to the following: (i) your application dated December 15, 1999; and (ii) the records of the New Mexico Oil Conservation Division ("Division") in Santa Fe, including the files on Division Administrative Order NSP-1666 (L), dated April 6, 1993: all concerning Conoco, Inc.'s request for a 441.68-acre non-standard gas spacing and proration unit ("GPU") consisting of the following acreage in the Eumont Gas Pool:

LEA COUNTY, NEW MEXICO
TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
Section 19: Lots 1, 2, 3, and 4, W/2 NE/4, SE/4 NE/4,
E/2 NW/4, and E/2 SW/4.

It is our understanding that this unit is to be simultaneously dedicated to the following described wells:

- (1) Conoco's existing SEMU Burger "B" Well No. 72 (API No. 30-025-12760), located 330 feet from the North line and 1650 feet from the East line (Unit B) of Section 19, which is considered to be an unorthodox gas well location for this GPU, is currently a temporarily abandoned oil well in the Warren-Tubb Pool; however, it is to be plugged back and recompleted up-hole into the Eumont Gas Pool upon issuance of this order;
- (2) Conoco's existing SEMU Burger "B" Well No. 126 (API No. 30-025-34127), located at an unorthodox gas well location for this GPU 1310 feet from the South line and 1120 feet from the West line (Lot 4/Unit M) of Section 19, which is currently completed in the Skaggs-Drinkard Pool at an unorthodox oil well location within a standard 40-acre oil spacing and proration unit comprising Lot 4/Unit "M" of Section 19 (approved in part by Division Administrative Order NSL-3854, dated August 14, 1997); however, it too is to be plugged back and recompleted up-hole into the Eumont Gas Pool upon issuance of this order; and
- (3) proposed SEMU Burger "B" Well No. 141 to be drilled at an

unorthodox gas well location for this GPU 1300 feet from the North line and 1150 feet from the West line (Lot 1/Unit D) of Section 19.

By authority granted me under the provisions Rule 2(d) of the "*Special Rules and Regulations for the Eumont Gas Pool*", as promulgated by Division Order No. R-8170, as amended, and Division Rules 104.D and 104.F (2), the above-described 441.68-acre non-standard GPU and the three unorthodox Eumont gas well locations for the above-described SEMU Burger "B" Wells No. 72, 126, and 141 are hereby approved.

Also, Conoco is hereby authorized to simultaneously dedicate Eumont gas production from all three of the above described wells and is also permitted to produce the allowable assigned the subject 441.68-acre GPU from all three wells in any proportion.

The Division's records indicate that Conoco's previously existing 120-acre GPU, comprising the W/2 NE/4 and the SE/4 NE/4 of Section 19, approved by Division Administrative Order NSP-1666 (L), dated April 6, 1993, ceased to exist when its only dedicated well, the SEMU Burger Well No. 63 (**API No. 30-025-07826**), located at an unorthodox gas well location for this 120-acre GPU [also approved by Order NSP-1666 (L)] 1650 feet from the North and East lines (Unit G) of Section 19, was plugged and abandoned in April, 1993. Therefore, Division Administrative Order NSP-1666 (L) as described above shall be placed in abeyance until further notice.

Furthermore, that portion of Division Administrative Order NSL-3854 pertaining to SEMU Burger "B" Well No. 126 shall be placed in abeyance until further notice.

Sincerely,



Lori Wrotenbery
Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Hobbs
U. S. Bureau of Land Management - Carlsbad
W. Thomas Kellahin, Legal Counsel for Conoco, Inc. - Santa Fe
File: NSP-1666 (L) ✓
NSL-3854



**NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT**

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

October 4, 1999

Conoco, Inc.
10 Desta Drive - Suite 100 W
Midland, Texas 79705-4500
Attention: Kay Maddox

Administrative Order NSP-1807

Dear Ms. Maddox:

Reference is made to your application dated September 6, 1999 for a 160-acre non-standard gas spacing and proration unit consisting of the following acreage in the Undesignated Eumont Gas Pool:

LEA COUNTY, NEW MEXICO
TOWNSHIP 20 SOUTH. RANGE 38 EAST. NMPM
Section 19: SE/4.

This unit is to be dedicated to Conoco, Inc.'s existing SEMU Burger Well No. 81 (**API No. 30-025-20500**), located at a standard gas well location 660 feet from the South and East lines (Unit P) of Section 19.

The subject application has been duly filed under the provisions of New Mexico Oil Conservation Division ("Division") Rule 104.F.

By the authority granted me under the provisions of **Rule 2(d)** of the "*General Rules for the Prorated Gas Pools of New Mexico/Special Rules and Regulations for the Eumont Gas Pool*", as promulgated by Division Order No. R-8170, as amended, and Division Rule 104.D.(2) the above-described non-standard 160-acre gas spacing and proration unit is hereby approved. Further, Conoco, Inc. is permitted to produce the allowable assigned the above-described 160-acre non-standard gas spacing and proration unit in accordance with Rule 5 of the Eumont special pool rules from this well.

Sincerely,

Lori Wrotenberg
Director

cc: New Mexico Oil Conservation Division - Hobbs
U. S. Bureau of Land Management - Carlsbad



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

August 14, 1997

Conoco, Inc.
10 Desta Drive - Suite 100W
Midland, Texas 79705-4500
Attention: Jerry Hoover

Administrative Order NSL-3854

Dear Mr. Hoover:

Reference is made to: (i) your application dated March 26, 1997; (ii) my letter dated April 2, 1997; (iii) your response by letter dated April 8, 1997, (iv) my request for clarification by note dated July 3, 1997, (v) your response by letter dated July 8, 1997; all of which refer to Conoco Inc.'s request for the following four unorthodox oil well locations in the Blinebry, Tubb, and Drinkard intervals within Conoco's Southeast Monument Unit ("SEMU") Area comprising all or portions of Sections 13, 14, 15, 22, 23, 24, 25, 26, and 27, Township 20 South, Range 37 East, NMPM, and all or portions of Sections 18, 19, 20, 29, and 30, Township 20 South, Range 38 East, NMPM, all in Lea County, New Mexico:

<i>Well No.</i>	<i>Footage Location</i>	<i>Section-Township-Range</i>	<i>Unit</i>
125	10' FSL & 190' FWL	18-20S-38E	M (Lot 4)
126	1310' FSL & 1120' FWL	19-20S-38E	M (Lot 4)
128	2490' FSL & 1310' FEL	24-20S-37E	I
129	1310' FSL & 1170' FEL	13-20S-37E	P

IT IS THEREFORE ORDERED THAT:

- (1) The application has been duly filed under the provisions of Rule 104.F of the General Rules and Regulations of the New Mexico Oil Conservation Division ("Division).
- (2) Conoco, Inc. ("Conoco") is the operator of the Southeast Monument Unit Area, which is a Federal unitized area and comprises the following described 5,403.58 acres in Lea County, New Mexico:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM

Section 13: SW/4 NE/4, W/2 SW/4, SE/4 SW/4, and SE/4
Section 14: W/2 NE/4, SE/4 NE/4, W/2, and SE/4
Section 15: E/2 E/2
Section 22: E/2 E/2
Sections 23 and 24: All
Section 25: N/2 and N/2 S/2
Section 26: All
Section 27: E/2 E/2

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM

Section 18: Lots 3 and 4, SE/4 SW/4, and SW/4 SW/4
Section 19: Lots 1 through 4, W/2 NE/4, SE/4 NE/4, E/2
W/2, and SE/4
Section 20: SW/4 NW/4 and SW/4
Section 29: NW/4
Section 30: Lots 1, 2, and 3, NE/4, E/2 NW/4, NE/4
SW/4, and N/2 SE/4;

- (3) Within the SEMU unit area, Conoco operates the SEMU Permian Waterflood Project, approved by Division Order No. R-1710, issued in Case No. 1990 and dated June 30, 1960, which order authorized the injection of water for secondary recovery operations in the Skaggs-Grayburg Pool;
- (4) According to the application, recent 3-dimensional seismic surveys in this area have identified two small regional structural highs within the Blinberry, Tubb, and Drinkard formations;
- (5) As indicated by Conoco, the primary criteria for choosing these particular locations was to stay high on these small regional structures to ensure the best test of all three of the deeper formations. These locations were therefore considered to be the optimum positions to conduct these tests;
- (6) The secondary criteria for requesting these unorthodox locations was to provide for convenient backup wellbores for a potential future infill drilling program in the SEMU Permian Waterflood Project.

(a) A possible exception is the SEMU Well No. 126 in Section 19, Township 20 South, Range 38 East, NMPM, Lea County,

New Mexico, where it is our understanding that an attempt was made to locate this well one infill-location to the west, close to the section line between said Section 19 and Section 24, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico; however, surface constraints prevented the staking of this well anywhere along this section line in the immediate area. Therefore the SEMU Well No. 126 was moved to the next possible infill-location that would still be sufficiently high enough on structure to provide a reasonable test; and,

(b) Should these three target zones be found non-commercially productive, then the wellbores could be used for infill locations in the waterflood and pursuant to Division Rule 104.F(1) these locations would be considered standard;

(7) For the Drinkard interval:

(a) the proposed SEMU Well No. 125 is within the boundary of the Skaggs-Drinkard Pool;

(b) the other three wells however are within one mile of both the Skaggs-Drinkard Pool and the Weir-Drinkard Pool, both of which are subject to the statewide rules and regulations for oil wells, as set forth in Rule 104.C(1), which provides for 40-acre oil spacing and proration units and requires that wells be located no closer than 330 feet to any boundary of such tract; furthermore both pools have special gas/oil ratio ("GOR") limitation factors of 10,000 cubic feet of gas per barrel of oil (see Division Order No. R-4803, dated June 4, 1974, for the Weir-Drinkard Pool and Division Order No. R-7020, dated July 2, 1982, for the Skaggs-Drinkard Pool);

(8) For the Tubb interval:

(a) SEMU Well Nos. 126 and 129 are both within one mile of the Monument-Tubb Pool and are therefore subject to the "*Special Rules and Regulations for the Monument-Tubb Pool*", as set forth in Division Order No. R-2800, dated November 10, 1964, as amended by Division Order No. R-10128, dated June 3, 1994, which includes provisions for 80-acre oil spacing and proration units with wells to be located no closer than 330 feet to any governmental quarter-quarter section or subdivision inner boundary and a special gas/oil ratio ("GOR")

limitation factors of 10,000 cubic feet of gas per barrel of oil;

(b) the SEMU Well No. 125 is within one mile of the Warren-Tubb Gas Pool and is therefore subject to the "*Special Rules and Regulations for the Warren-Tubb Gas Pool*", as promulgated by Division Order No. R-1234, dated August 6, 1958, which includes provisions for 160-acre gas spacing and proration units with wells to be located no closer than 660 feet to the outer boundary of the proration unit nor closer than 330 feet from any governmental quarter-quarter section or subdivision inner boundary; and,

(c) the well location of the proposed SEMU Well No. 128 is not within one mile of any Tubb oil or gas pool;

(9) For the **Blinebry** interval:

(a) the proposed SEMU Well No. 129 location is within one mile of the Weir-Blinebry Pool, the East Weir-Blinebry Pool, and the Blinebry Oil and Gas Pool; the No. 125 well is within one mile of the East Weir-Blinebry Pool, and the Blinebry Oil and Gas Pool, and both the SEMU Well Nos. 126 and 128 are within one mile of the Blinebry Oil and Gas Pool.

(i) the Weir-Blinebry Pool is subject to the statewide rules and regulations for oil wells, as set forth in Rule 104.C(1) and Rule 506.A, which provides for 40-acre oil spacing and proration units and requires that wells be located no closer than 330 feet to any boundary of such tract and a gas/oil ratio ("GOR") limitation factor of 2,000 cubic feet of gas per barrel of oil;

(ii) the East Weir-Blinebry Pool is subject to the statewide rules and regulations for oil wells, as set forth in Rule 104.C(1), which provides for 40-acre oil spacing and proration units and requires that wells be located no closer than 330 feet to any boundary of such tract; furthermore, said pool has a special gas/oil ratio ("GOR") limitation factor of 10,000 cubic feet of gas per barrel of oil (see Division Order No. R-9630, dated January 27, 1992); and

(iii) the Blinebry Oil and Gas Pool is governed by special rules and regulations, as set forth in Division Order No. R-8170, as

amended, that provides for 40-acre oil and 160-acre gas spacing and proration units, the gas/oil ratio ("GOR") cutoff point in distinguishing between gas wells and oil wells in this pool at 50,000 cubic feet of gas per barrel of oil, restricted well location requirements, and for the allocation of oil and gas production;

- (10) Pursuant to Rule 104.F(2) the four unorthodox oil well locations as described above should be approved at this time for the Drinkard interval only; and
- (11) Authorization for the Blinebry and Tubb intervals should be postponed until such time as the zone(s) are adequately tested, production is established, and such production is assigned to a specific pool(s).

IT IS THEREFORE ORDERED THAT:

(1) Conoco, Inc. is hereby authorized to drill its proposed SEMU Well Nos. 124, 125, 126, and 129 to a sufficient depth as to penetrate the Drinkard formation. By the authority granted me under the provisions of Division Rule 104.F(2), the following unorthodox oil well locations in either the Weir-Drinkard Pool or Skaggs-Drinkard Pool are hereby approved:

<i>Well No.</i>	<i>Footage Location</i>	<i>Section-Township-Range</i>	<i>Unit</i>	<i>Dedicated 40-Acre Tract</i>
125	10' FSL & 190' FWL	18-20S-38E	M	Lot 4 (37.60 acres)
126	1310' FSL & 1120' FWL	19-20S-38E	M	Lot 4 (40.40 acres)
128	2490' FSL & 1310' FEL	24-20S-37E	I	NE/4 SE/4
129	1310' FSL & 1170' FEL	13-20S-37E	P	SE/4 SE/4

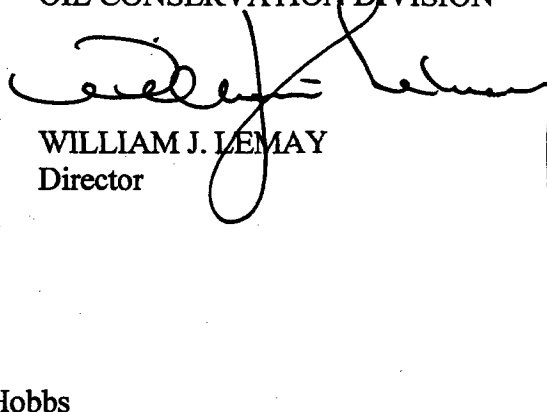
IT IS FURTHER ORDERED THAT Conoco, Inc. be permitted to test the Blinebry and Tubb intervals in each of the four aforementioned wells; **PROVIDED HOWEVER THAT**, once production is established within the Blinebry and/or Tubb zones and it is determined by the Supervisor of the Hobbs District Office of the Division as to which pool such production is to be attributed, Conoco, Inc. shall at that time seek amendment to this order and to provide support data and provide all applicable information for an unorthodox oil or gas well for such production and assign the appropriate acreage dedication to the well for the assigned pool(s).

(2) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

Administrative Order NSL-3854
Conoco, Inc.
August 14, 1997
Page 6

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY
Director

SEAL

WJL/MES/kv

cc: New Mexico Oil Conservation Division - Hobbs
W. Thomas Kellahin, Counsel - Santa Fe
U. S. Bureau of Land Management - Carlsbad



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION



BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

April 6, 1993

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

Conoco, Inc.
10 Desta Drive, Suite 100W
Midland, TX 79705-4500

Attention: Jerry Hoover

Administrative Order NSP-1666(L)

Dear Mr. Hoover:

Reference is made to your application dated March 9, 1993 for a 120-acre non-standard gas spacing and proration unit consisting of the following acreage in the Undesignated Eumont Gas Pool:

LEA COUNTY, NEW MEXICO
TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
Section 19: W/2 NE/4 and SE/4 NE/4

It is my understanding that this unit is to be dedicated to your existing SEMU Burger Well No. 63 located at an unorthodox gas well location 1650 feet from the North and East lines (Unit G) of said Section 19.

By authority granted me under the provisions of Rule 2(a)4 and 2(c) of the Special Rules and Regulations for the Eumont Gas Pool, as promulgated by Division Order No. R-8170, as amended, the above non-standard gas spacing and proration unit and resulting unorthodox gas well location hereby approved.

Sincerely,

William J. LeMay
Director

WJL/MES/amg

cc: Oil Conservation Division - Hobbs