



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Betty Rivera

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

February 11, 2002

Conoco, Inc.  
10 Desta Drive - Suite 100W  
Midland, Texas 79705  
Attention: Kay Maddox  
m-kay.Maddox@USA.Conoco.com

Telefax No. (915) 686-5780

*Administrative Order NSL-4697*

Dear Ms. Maddox:

Reference is made to the following: (i) your application submitted to the New Mexico Oil Conservation Division ("Division") on January 22, 2002 (*application reference No. pMES0-204254168*); (ii) your two e-mail message of Monday, February 11, 2002, to Mr. Michael E. Stogner, Engineer with the Division in Santa Fe checking on the status of this application; (iii) your telephone inquiry to Mr. Stogner in the afternoon of Monday, February 11, 2002; and (iv) the Division's records in Hobbs and Santa Fe: all concerning Conoco, Inc.'s request for an unorthodox oil well location in the Undesignated Weir-Blinbry Pool (63780), Monument-Tubb Pool (47090), Undesignated Weir-Drinkard Pool (63840), and Cass (Pennsylvanian) Pool (10450), for Conoco, Inc.'s proposed SEMU Well No. 166 to be drilled 490 feet from the South line and 1335 feet from the East line (Unit O) of Section 23, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico.

The Monument-Tubb Pool is governed by the "*Special Rules and Regulations for the Monument-Tubb Pool*," as promulgated by Division Orders No. R-2800 and R-10128, which provides for: (i) 80-acre spacing and proration units consisting of the N/2, S/2, E/2, or W/2 of a governmental quarter section, being a legal subdivision of the United States Public Land Surveys; and (ii) oil wells to be located no closer than 330 feet to any governmental quarter-quarter section or lot.

The spacing and well location requirements for both the Weir-Blinbry and Weir-Drinkard Pools are governed under the provisions of Division Rule 104.B (1), revised by Division Order No. R-11231, issued by the New Mexico Oil Conservation Commission in Case No. 12119 on August 12, 1999, which provides for 40-acre oil spacing and proration units and requires wells to be located no closer than 330 feet to the outer boundary of such 40-acre unit nor closer than 10 feet to any quarter-quarter section line or subdivision inner boundary.

The Cass (Pennsylvanian) Pool is governed by the "*Special Rules and Regulations for the Cass (Pennsylvanian) Pool*," as promulgated by Division Order No. R-2825, as amended, which provides for: (i) 80-acre spacing and proration units consisting of the N/2, S/2, E/2, or W/2 of a governmental quarter section, being a legal subdivision of the United States Public Land Surveys; and (ii) oil wells to be located within 150 feet of the center of a governmental quarter-quarter section or lot.

In accordance with the spacing rules governing these four pools: (i) the SW/4 SE/4 of Section 23, being a standard 40-acre oil spacing and proration unit for both the Undesignated Weir-Blinbry and Undesignated Weir-Drinkard Pools; (ii) the W/2 SE/4 of Section 23, being a standard 80-acre stand-up oil

spacing and proration unit for the Monument-Tubb Pool; and (iii) the S/2 SE/4 of Section 23, being a standard 80-acre lay-down oil spacing and proration unit for the Cass (Pennsylvanian) Pool, are to be dedicated, respectively, to the subject SEMU Well No. 166.

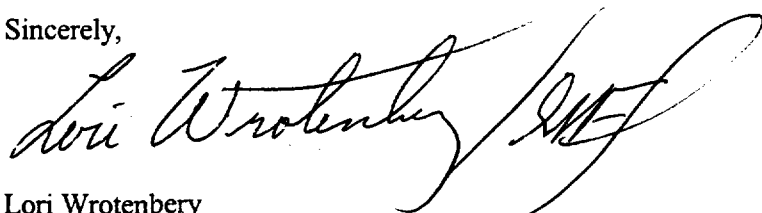
The subject application has been duly filed under the provisions of Division Rule 104.F, as revised, and the applicable provisions of the rules governing both the Monument-Tubb and Cass (Pennsylvanian) Pools.

It is our understanding that Conoco, Inc. is seeking this location exception based on a 3-D seismic survey of the Strawn formation in the immediate area, being the primary zone of interest, whereby it contends that a well drilled at this location will be at a more favorable geologic position within the deeper Strawn formation underlying the subject 80-acre unit (S/2 SE/4 of Section 23), thereby increasing the likelihood of obtaining commercial production.

By the authority granted me under the provisions of: (i) Rule 5 of the special pool rules for the Monument-Tubb Pool; (ii) Rule 5 of the special pool rules for the Cass (Pennsylvanian) Pool; and (iii) Division Rule 104.F (2), as revised, the unorthodox oil well location of Conoco, Inc.'s proposed SEMU Well No. 166 to be drilled 490 feet from the South line and 1335 feet from the East line (Unit O) of Section 23 is hereby approved.

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

Sincerely,



Lori Wrotenbery  
Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Hobbs  
U. S. Bureau of Land Management - Carlsbad  
File: NSL-4696

DATE IN <u>1/22/02</u>	SUSPENSE <u>2/11/02</u>	ENGINEER <u>MS</u>	LOGGED BY <u>RN</u>	TYPE <u>202435262</u>
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ABOVE THIS LINE FOR DIVISION USE ONLY

## NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

SENU #165

### ADMINISTRATIVE APPLICATION COVERSHEET

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

#### Application Acronyms:

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

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

[A] Location - Spacing Unit - Directional Drilling

☒ NSL ☐ NSP ☐ DD ☐ SD

Check One Only for [B] and [C]

[B] Commingling - Storage - Measurement

☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

JAN 22 2002

#### [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

*Kay Maddox*

Regulatory Agent

Title

1/15/2002

Date



Mid-Continent Region  
Exploration/Production

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

January 15, 2002

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

Application for Nonstandard location Cass Pool, Weir Blinebry, Monument Tubb, Weir Drinkard:

**SEMU # 165**  
**Section 14, T-20-S, R-37-E, M**  
**1310' FSL & 480' FWL**  
**Conoco Operated Federal Southeast Monument Unit**  
**Lea County, NM**

**SEMU # 166**  
**Section 23, T-20-S, R-37-E, O**  
**490' FSL & 1335' FEL**  
**Conoco Operated Federal Southeast Monument Unit**  
**Lea County, NM**

Dear Mr. Stogner,

The Southeast Monument Unit well # 165 & # 166 has been staked within the Cass pool. The standard location for a Cass Pool well shall be within 150 feet of the center of a governmental quarter-quarter section or lot. Both wells are staked outside of that radius therefore a nonstandard location order is required. Conoco proposes a nonstandard Strawn location for the SEMU #165 well to be located 1310'FSL, 480'FWL, Sec 14, T20S, R37E and the staked location for the SEMU # 166 is 490' FSL & 1335' FEL, Sec 23, T20S, R37E. This proposal follows the successful completion of the SEMU 160, also a nonstandard location, which extended the Strawn Cass Pool into Section 14 of T20S, R37E. Approval of this application will enable Conoco's efforts to redevelop the Strawn based on 3-D seismic interpretation and petrophysical analysis. In this area Conoco is trying to identify localized highs that may hold accumulations of oil. Please find attached two seismic exhibits for each well that support this request for the nonstandard location exception for the Cass Penn pool.

#### **SEMU # 165**

Interpretative work has identified the likelihood of an accumulation of oil located in the W/2 of SW/4 of Section 14 high to Conoco's SEMU #61 and likely not producible by the SEMU # 160 well. Exhibit 1 is a west to east seismic cross-section through the SEMU #



61, the proposed SEMU # 165, and the SEMU # 160. The yellow line illustrates the interpretation of the Top Strawn seismic pick at approximately 1050 milliseconds near the proposed location. The green line immediately below illustrates the interpretation of the Top of Devonian. The seismic section demonstrates that Conoco intends to encounter the Top of the Strawn high to both the SEMU # 161 and the SEMU # 160. Exhibit 2 is a depth map on the Top of Strawn interpretation. The subsurface elevation of the Strawn increases from yellow to red with a northwest-southeast trending ridge evident through Sections 15, 16, 22, and 23. The map shows the productive SEMU # 160 existing on a nose stemming from the ridge while the SEMU # 61 lies on the flank of the main ridge. The map also shows that the proposed non-standard location for the SEMU # 165 will come in high to both wells. Placing the well in a standard location would force a Strawn cut point in a down dip location and would compromise the preferred cut points in potentially productive, up-hole zones.

### **SEMU # 166**

Exhibit 1 is a west to east seismic cross-section through the SEMU # 9, the proposed SEMU # 166, and the SEMU # 158. The yellow line illustrates the interpretation of the Top of Strawn seismic pick at approximately 1050 milliseconds near the proposed location. The green line immediately below illustrates the interpretation of the Top of Devonian. The seismic section demonstrates that we intend to encounter the Top of the Strawn high to the SEMU # 9 and the SEMU # 158. Exhibit 2 is a depth map on the Top of the Strawn interpretation. The subsurface elevation of the Strawn increases from yellow to red on this map. Two main accumulations are evident, the Cass Strawn in Section 23 and the North Hardy in Section 25. The proposed SEMU # 166 will be located along a localized southwest-northeast trending structural element and high to the SEMU # 9. The SEMU # 9 was tight in the upper Strawn, but porous and wet in the lower Strawn interval. A non-standard location allows Conoco to penetrate the porous interval high to the SEMU # 9 with anticipation of encountering new reserves. Placing this well in a standard location would force a Strawn cut point in a down dip location or in an area that contains insufficient porosity.

The locations for the SEMU # 165 & # 166 were staked based on the above referenced seismic data for Conoco's primary objective, the Strawn. The staked locations of both of these wells is 10' off of the quarter quarter section line making the location non-standard in any of the shallower formations in the event the Strawn is non-productive.

Concurrently, Conoco requests that the NSL Order for the SEMU # 166 cover possible uphole production in the Weir Blinebry (63780), Monument Tubb (47090), and the Weir Drinkard (63840). (See attached C-102 plats) The offset well from the SEMU # 166, in Unit letter O, is the SEMU #9 (30-025-06243). This well was plugged 9/30/91. (See attached) Conoco requests that the NSL for the SEMU # 165 well include possible uphole production in the Monument Tubb and the Weir Drinkard pools. (See attached C-102 plats) The offset well in Unit Letter M is the SEMU # 87 (30-025-21232). This well was recompleted from the Monument Tubb to the Weir Blinebry in 7/1/97. Currently it is producing from the Weir Blinebry. By including the uphole pools in this Nonstandard Location Administrative Order for the SEMU # 165 & # 166 it will enable Conoco to



timely complete the wells in a productive formation should the primary Strawn objective prove unsuccessful.

The staked locations of the SEMU # 165 & 166 lies within the Conoco operated Southeast Monument Unit. The Working Interest in this Federal Unit is Conoco 50%, Arco 25% and Chevron 25%. Conoco's partners are informed of all drilling and completing by joint activity meetings and also their signature is required on all AFE's. The proposed locations are well within the unit boundaries therefore Conoco is the only offset operator, no notification is required. After drilling the SEMU # 165 & # 166 and documenting commercial production in a specific pool, Conoco will apply to amend and enlarge the appropriate Participating area (as per the Southeast Monument Operating agreement) within the Southeast Monument Unit thereby protecting all Royalty and Overriding interests in all productive horizons.

Conoco respectfully requests an administrative nonstandard location order for the SEMU # 165 and SEMU # 166. If you need any additional data please call me at (915) 686-5798.

Sincerely,

A handwritten signature in cursive script that reads "Kay Maddox".

Kay Maddox  
Regulatory Agent – Conoco

CC: NMOCD - Hobbs

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

District II  
PO Drawer DD, Artesia, NM 88211-0719

District III  
1000 Rio Brazos Rd. Aztec, NM 87410

District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

PO Box 2088  
Santa Fe, NM 87504-2088

Form C-102

Revised February 21, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-	2 Pool Code 63840	3 Pool Name Weir Drinkard
4 Property Code	5 Property Name SEMU	6 Well Number # 165
7 OGRID No. 005073	8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500	9 Elevation 3546'

10 Surface Location

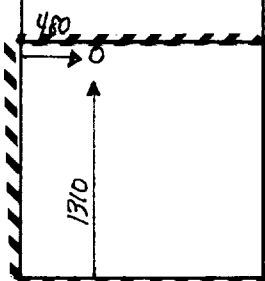
UL or lot no. M	Section 14	Township 20S	Range 37E	Lot Idn	Feet from the 1310	North/South line South	Feet from the 480	East/West line West	County Lea
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11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 40	13 Joint or Infill	14 Consolidation Code	15 Order No.						

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

16			



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  
January 9, 2002

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  
PO Box 1980, Hobbs. NM 88241-1980

State of New Mexico  
Energy, Minerals & Natural Resources Department

Revised February 21, 1994  
instructions on back

District II  
PO Drawer DD, Artesia, NM 88211-0719

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

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

District III  
1000 Rio Brazos Rd. Aztec, NM87410

District IV  
PO Box 2088, Santa Fe. NM 87504-2088

☒ AMENDED REPORT

# WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-		2 Pool Code 47090	3 Pool Name Monument Tubb
4 Property Code	5 Property Name SEMU		6 Well Number # 165
7 OGRID No. 005073	8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500		9 Elevation 3546'

## 10 Surface Location

UL or Id.no.	Section	Town ship	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	14	20S	37E		1310	South	480	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.					
80									

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

Figure 1 shows a 4x4 grid. The bottom-left 2x2 area is shaded with diagonal lines. The width of this shaded area is labeled as 480, and its height is labeled as 1310. The number 16 is in the top-left corner of the grid.

## 17 OPERATOR CERTIFICATION

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

*Kay Maddox*  
Kay Maddox

Signature \_\_\_\_\_

Kay Maddox

Printed Name \_\_\_\_\_

Regulatory Agent

Title

January 9, 2002

D a t e

## 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  
611 South First, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, 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	Pool Code 10450	Pool Name CASS PEN N
Property Code	Property Name SEMU	Well Number 165
OGRID No. 005073	Operator Name CONOCO INC.	Elevation 3546'

Surface Location

UL or lot No. M	Section 14	Township 20 S	Range 37 E	Lot Idn	Feet from the 1310	North/South line SOUTH	Feet from the 480	East/West line WEST	County LEA
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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 80	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

<p>LAT - N32°34'09.8" LONG - W103°13'45.1"</p> <p>3546.1' 3545.4' 480 3544.4' 3543.4' 1310'</p> <p>SEMU #160 (30-045-35583) 1650' FSL - 2250' FWH Cass Penn Completion w/ 12/2/2001 dedication</p> <p>SEMU #160 (30-045-21232) 990' FSL - 160' FWH Wier-Blinchey Completion</p>		<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Kay Maddox</i> Signature KAY MADDUX Printed Name Regulatory Agent Title 1/5/02 Date</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>December 17, 2001 Date Surveyed</p> <p><i>GARY E. JONES</i> Signature GARY E. JONES Professional Surveyor NEW MEXICO W.O. No. 2948 Certificate No. Gary E. Jones 7977 BASIN-SURVEYS</p>
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OPERATOR'S COPY

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985  
5. LEASE DESIGNATION AND SERIAL NO.  
NMD557686

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

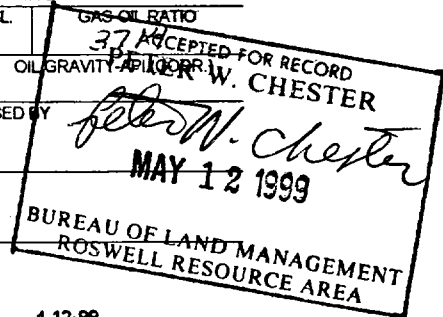
1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
1b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>		8. FARM OR LEASE NAME SEMU Tubb Well #87	
2. NAME OF OPERATOR CONOCO, INC.		9. API Number 30 025 21232	
3. ADDRESS OF OPERATOR 10 Desta Dr., Suite 100W, Midland, Texas 79705-4500 (915) 684-6381		10. FIELD AND POOL, OR WILDCAT Weir Blinbery	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 990' FSL & 660' FWL Unit Ltr M At top prod. interval reported below At total depth		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 14, T20S, R37E	
14. PERMIT NO.		DATE ISSUED	
15. Date Spudded	16. Date T.D. Reached	17. DATE COMPL (Ready to prod.) 7-1-97	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)
19. ELEV. CASINGHEAD	20. TOTAL DEPTH, MD & TVD 6609'		
21. PLUG, BACK T.D., MD & TVD	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)* Blinbery @ 5678'-5762'			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)	HOLE SIZE
		CEMENTING RECORD	Amount Pulled
			NONE
			NONE
29. LINER RECORD			
Size	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
		SCREEN (MD)	
		SIZE	DEPTH SET (MD)
		2 3/8"	5840'
30. TUBING RECORD			
31. PERFORATION RECORD (Interval, size and number) Blinbery w/2 SPF @ 5678'-82', 5704'-08', 5714'-18', 5728'-32', 5744'-46', 5758'-62'			
32. ACID, SHOT, FRAC., CEMENT SQUEEZE, Etc.			
DEPTH-INTERVAL (MD)		AMT. AND KIND OF MATERIAL USED	
5678-5762'		1500 gals 15% HCL, 95 bbls SFG 4000 pad	
		242 bbls w/ .75 ppg 100 mesh,	
		119 bbl pad, 660 bbl SFG w/	
		130,000# 16/30 sand	
33. PRODUCTION			
DATE FIRST PRODUCTION 7-1-97		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) pumping	
WELL STATUS (Producing or PRODUCING			
DATE OF TEST 8-5-97	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR OIL - BBL TEST PERIOD 21
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	GAS - MCF. 78
34. DISPOSITION OF GAS Sales		TEST WITNESSED BY	
(Sold, used for fuel, vented, etc.)			
35. LIST OF ATTACHMENTS C-104			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records 915 684-6381			
SIGNED		TITLE Ann E. Ritchie, Regulatory Agent	
DATE		4-12-99	

\*(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)

WTOR, SHEAR, Ponce, Cost Asst, Well File, Field



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other SWD

2. Name of Operator

Conoco Inc.

3. Address and Telephone No.

10 Desta Drive STE 100W, Midland, TX 79705 (915)686-5424

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

660' FSL & 1980' FEL, SEC. 23, T-20S, R-37E, UNIT LTR '0'

5. Lease Designation and Serial No.

NM 557686

6. If Indian, Allotment or Tribe Name

7. If Unit or C.A. Agreement Designation

8. Well Name and No.

SEMU PENN #9

9. API Well No.

30-025-06243

10. Field and Pool, or Exploratory Area

CASS PENN

11. County or Parish, State

LEA, NM

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

TYPE OF SUBMISSION

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

TYPE OF ACTION

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

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

(Note: Report results of multiple completions on Well Completion or Perforation 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.)

9-25-91 MIRU. RELEASE PKR POOH.  
RIH & TAG FILL @ 4936'. SPOT 25 SX PLUG FROM 4925-4265, POOH & WOC.  
RIH & TAG PLUG @ 4339, CIRC HOLE W/9.5 PPG MUG.  
PU TO 3135 SPOT 25 SX FROM 3135-2986.  
PU TO 2285 SPOT 25 SX FROM 2255-21236. PU TO 1420' SPOT 25 SX FROM 1420-1271'.  
PER @ 370' EST CIRC UP 7" X 9 5/8 ANNULUS W/ MUD.  
CIRC 115 SX TO SURFACE. CUT OFF WELLHEAD.  
RDMO  
INSTALL P&A MARKER.  
WELL P&A ON 9-30-91

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

Signed

*[Signature]*

Title

SR. REGULATORY SPEC.

Date

6-30-92

(This space for Federal or State office use)

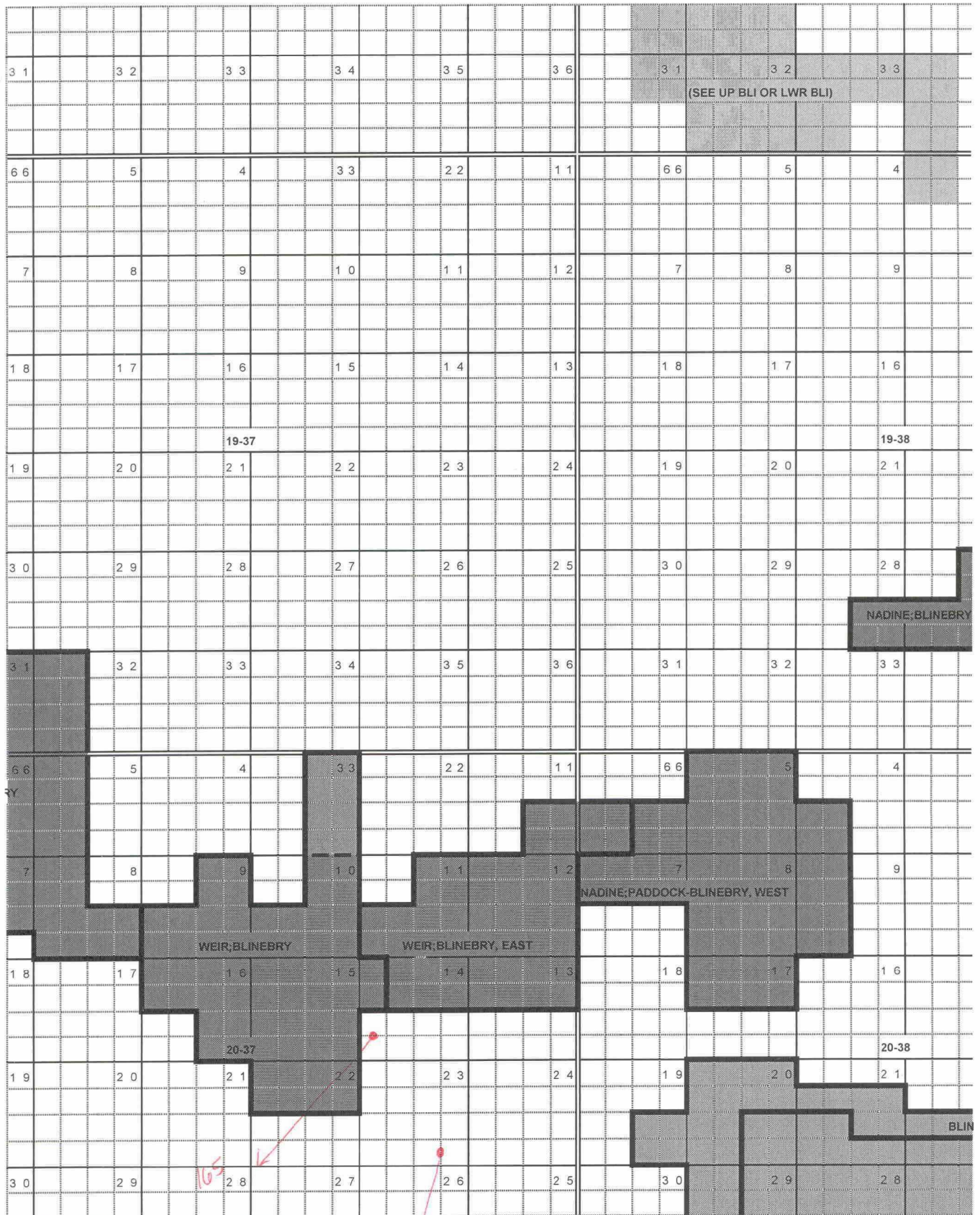
Approved by

Title

Date

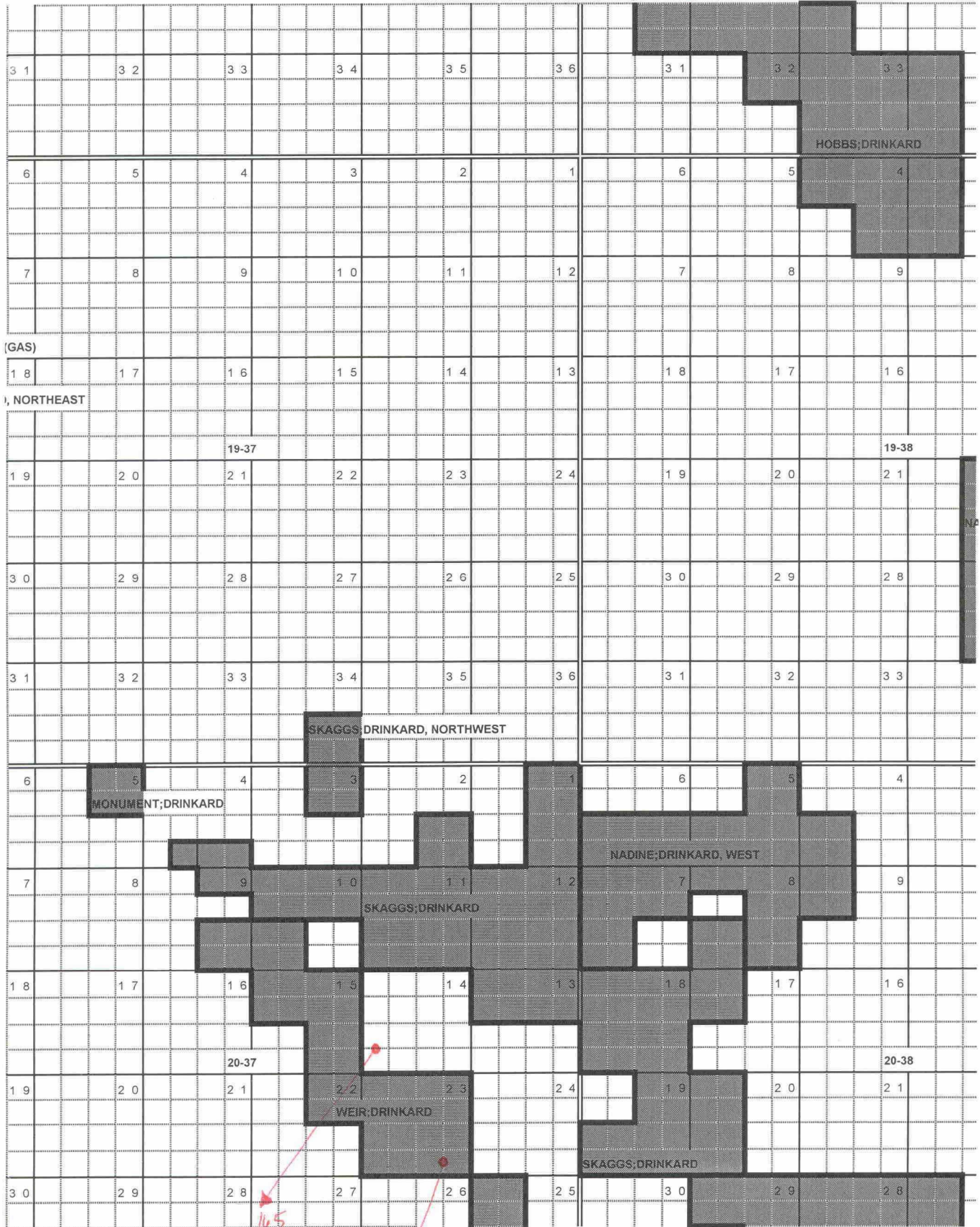
Continued approval, if any:

TAKEN FROM NMOC  
WEBSITE 1/9/02



WEIR BLINEBRY (43780) 40 acres

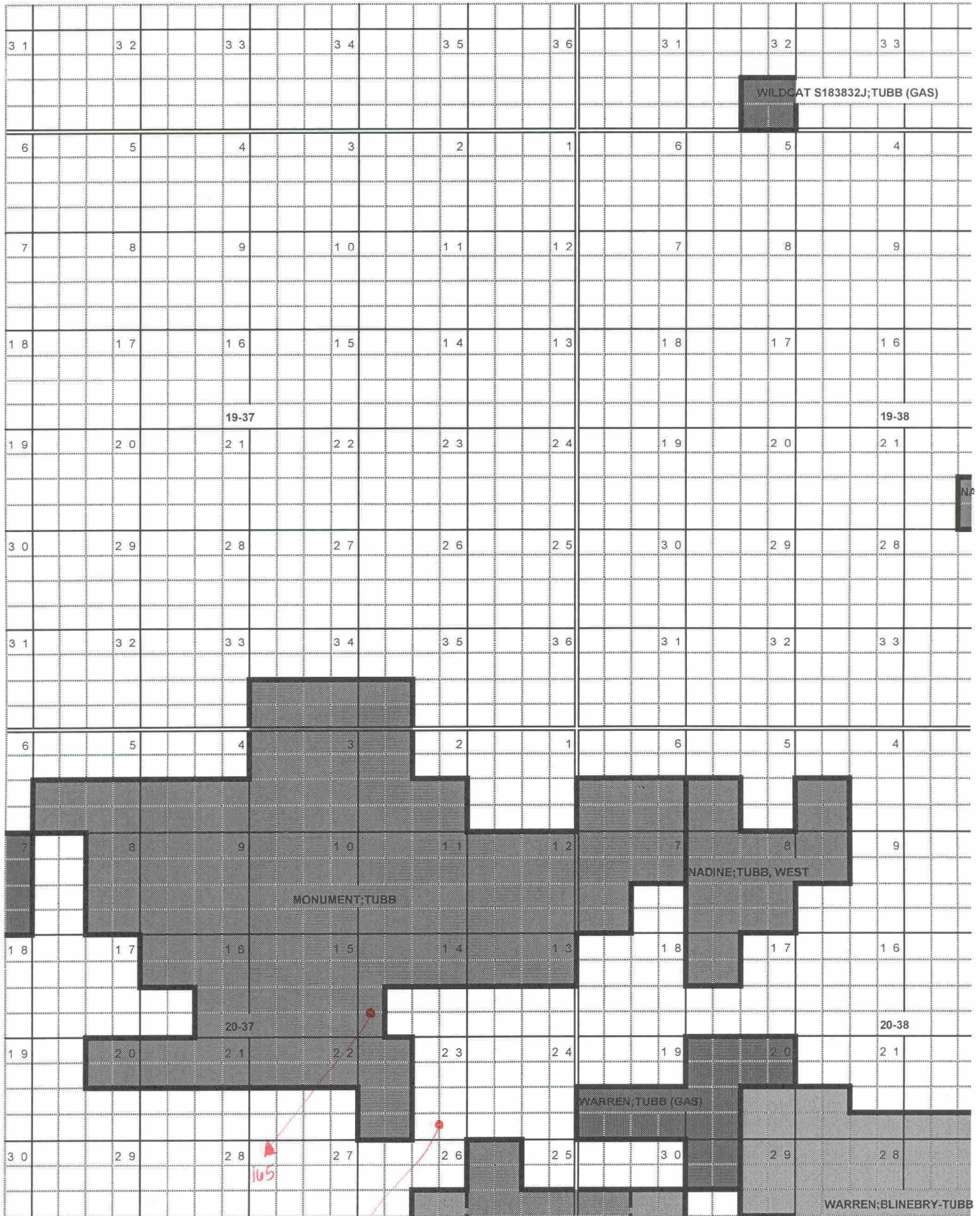
TAKEN FROM NMOED  
WEBSITE 1/9/02



WEIR DRINKARD (63840)

GOR 10,000-1 40 acres

TAKEN FROM NMCD  
WEBSITE 1/9/02

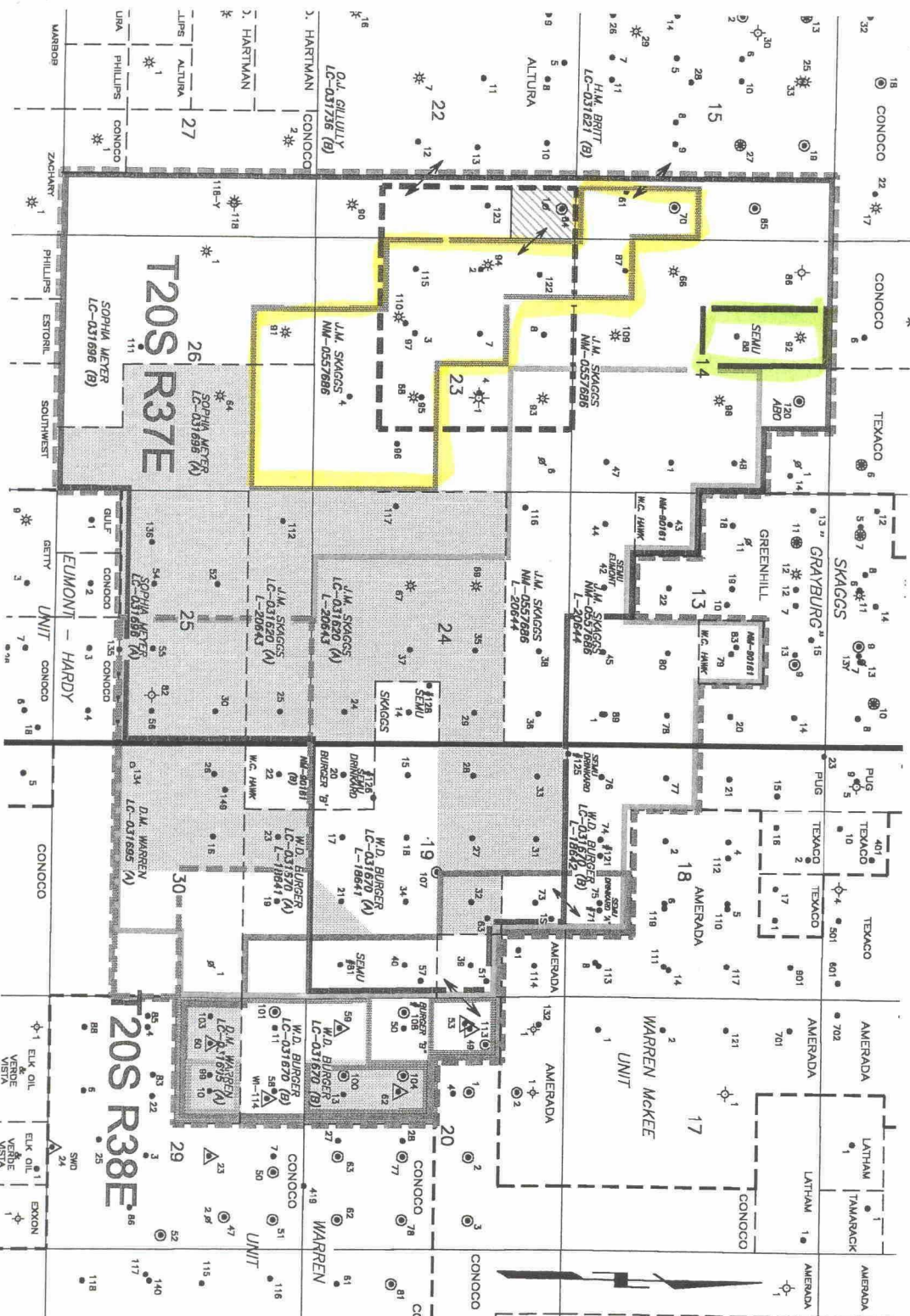


MONUMENT TUBB (47090) 106  
GOR 1000-1 80 acres 330' off lines

[illegible]

CASS-Penn (STRAWN) (10450) 80 acres  
150' From center of 1/4 1/4

# PARTICIPATING AREAS



## SEMU UNIT BOUNDARY

DEVONIAN P/A	C-4224-07
TUBB A' P/A	C-4224-05
DRINKARD P/A	C-4224-10
EUMONT P/A	C-4224-04
McKEE P/A	C-4224-06
BLINEBERRY A' P/A	C-4224-03
BLINEBERRY P/A	C-4224-08
PERMAN P/A	C-4224-
GRAYBURG FORM.	
C-4224-01 (LOWER PERM.)	
C-4224-02 (UPPER PERM.)	
STRAWN P/A	

ARCO SALE 7.5% ORI  
C-49108

DATE: 3/08/01

DRAWN BY: 919

CHECKED BY:

APPROVED BY:

SCALE: 1" = 2640'

STATE PLANE COORDINATES REFERRED TO  
NAD22 - NEW MEXICO EAST  
STATE PLANE COORDINATES  
ZONE - 3001

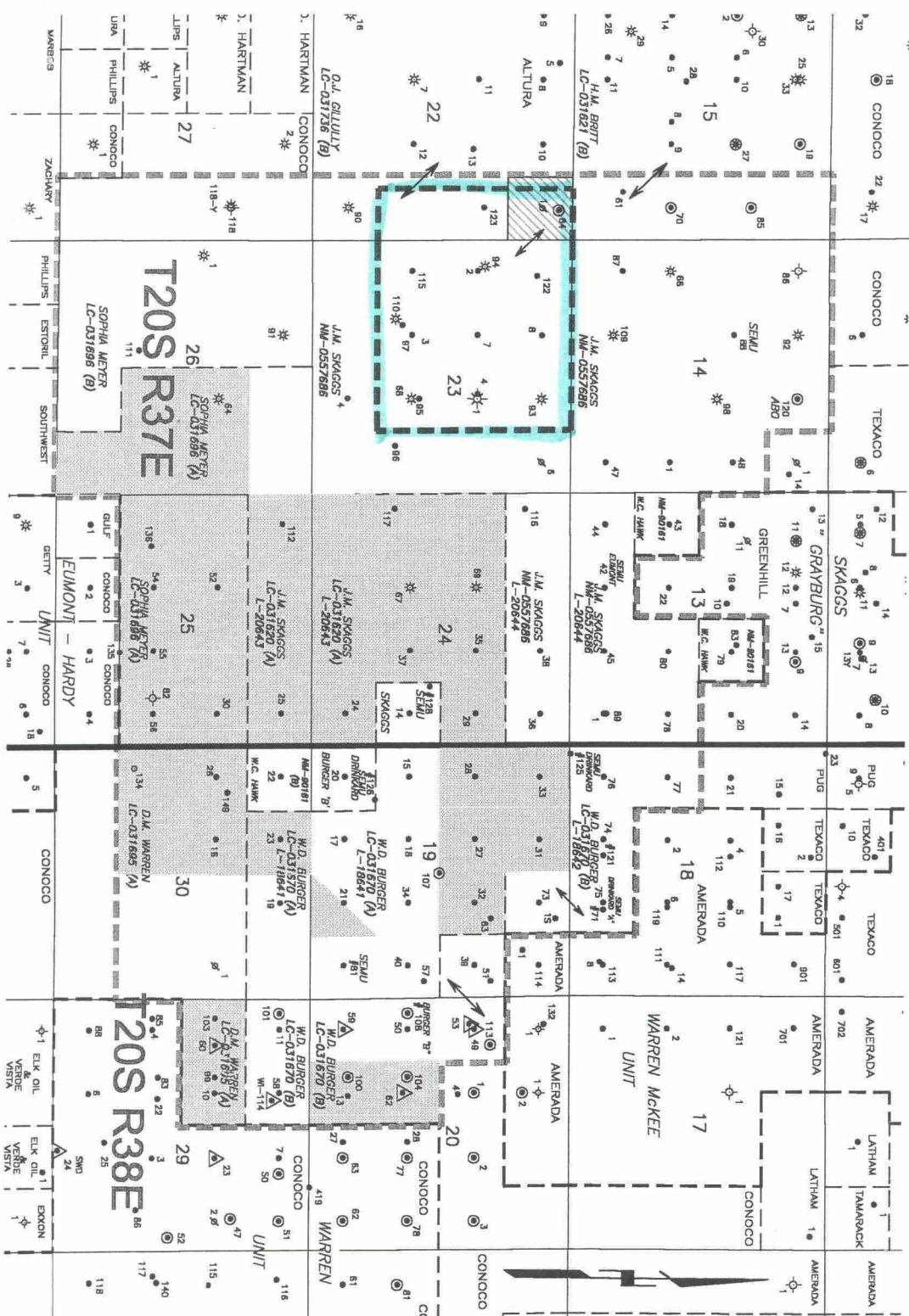
**CONOCO** EPNGNA  
MIDLAND DIVISION  
SOUTHEAST MONUMENT UNIT AREA

LEA COUNTY  
NEW MEXICO

STATE COUNTY DRAWING  
30 \ 025 SEMU-UNIT

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

SEMU UNIT BOUNDARY

[illegible]

ARCO SALE  
C-49108

DATE: 5/03/01

DRAWN BY: glg

CHECKED BY:

APPROVED BY:

SCALE: 1" = 2640'

STATE PLANE COORDINATES REFERRED TO  
NAD27 — NEW MEXICO EAST

STATE PLANE COORDINATES

ZONE - 3001

**EPINGNA**  
**canoco**



MIDLAND DIVISION

SOUTHEAST MONUMENT UNIT AREA

PENNSTLVANIAN  
LEA COUNTY

NEW MEXICO

STATE \_\_\_\_\_  
COUNTY \_\_\_\_\_

מכר	מכר
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COINCO INC. OFFICE  
10 DESTA DRIVE WEST

MIDLAND, TEXAS 79705

LARGE FORMAT  
EXHIBIT HAS  
BEEN REMOVED  
AND IS LOCATED  
IN THE NEXT FILE

LARGE FORMAT  
EXHIBIT HAS  
BEEN REMOVED  
AND IS LOCATED  
IN THE NEXT FILE

LARGE FORMAT  
EXHIBIT HAS  
BEEN REMOVED  
AND IS LOCATED  
IN THE NEXT FILE

**EXHIBIT "A"**

SEMUR UNIT BOUNDARY

TUBB P/A C-4224-10

TUBB 'A' P/A C-4224-05

TUBB 'B' P/A

ARCO SALE  
C-49108

7.5% ORRI

DATE: 2/21/01

DRAWN BY: g/g

CHECKED BY:

APPROVED BY:

SCALE: 1" = 2640'

STATE PLANE COORDINATES REFERRED TO

STATE PLANE COORDINATES

ZONE -



ELI NORDY  
MIDLAND DIVISION

SOUTHEAST MONUMENT UNIT AREA

TUBES "B" P/A

LEA COUNTY

NEW MEXICO

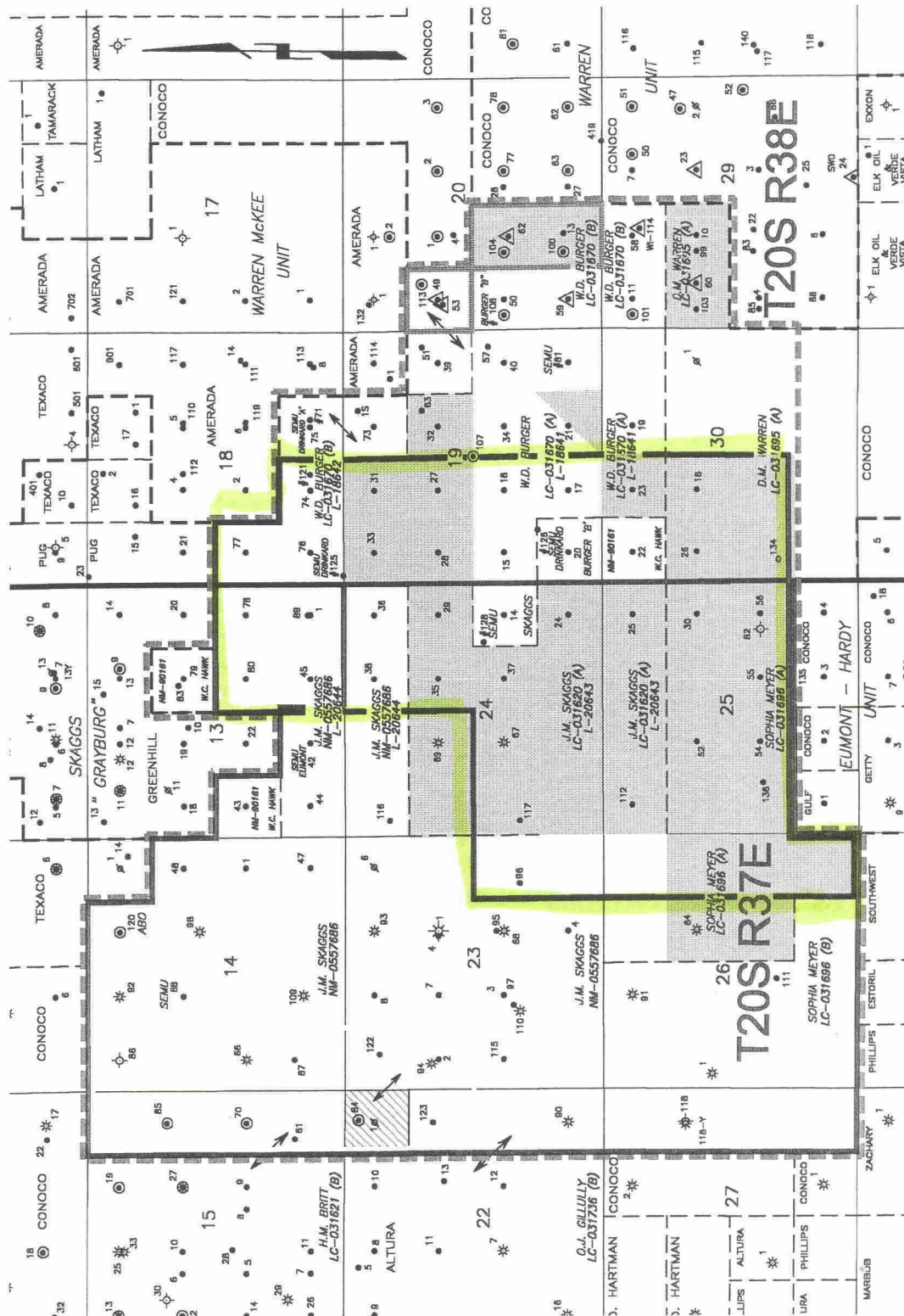
STATE	API	COUNTY	DRAWING
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COUNTY	SEMI TI
005	

CONOCO INC OFFICE	
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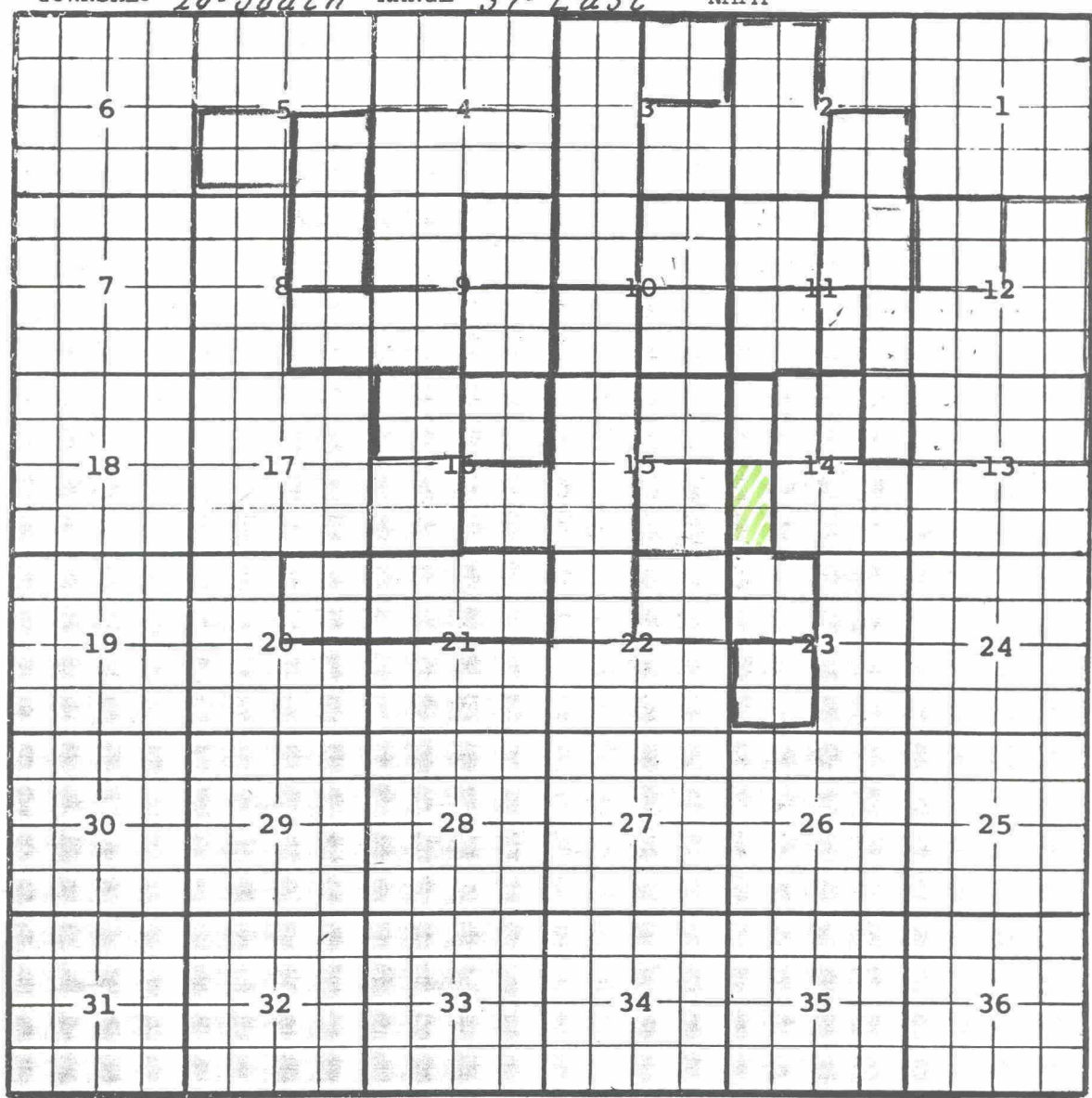
CONOCO INC. OFFICE  
U.S. REGISTRATION WEST

10 DESTA DRIVE WEST



COUNTY Lea POOL Monument-Tubb #165

TOWNSHIP 20-South RANGE 37-East NMPM



Description:  $\frac{SE}{4}$  Sec. 16, (R-1532, 12-1-59).  
Ext:  $\frac{NW}{4}$  Sec. 75, (R-1720, 8-1-60) -  $\frac{NW}{4}$  Sec. 22, (R-2393, 1-1-63).  
-  $\frac{NE}{4}$  Sec. 16, (R-2427, 3-1-63) -  $\frac{SW}{4}$  Sec. 10 (R-2527, 8-1-63)  
-  $\frac{NE}{4}$  Sec. 15;  $\frac{NE}{4}$  Sec. 20;  $\frac{N}{2}$  Sec. 21 (R-2602, 12-1-63)  $\frac{W}{2}$  Sec. 3;  $\frac{SE}{4}$  Sec. 9.  
 $\frac{NW}{4}$  &  $\frac{SE}{4}$  Sec. 10;  $\frac{NE}{4}$  Sec. 22 (R-2692, 5-1-64) -  $\frac{NE}{4}$  Sec. 10;  $\frac{SE}{4}$  Sec. 15 (R-2781, 11-1-64)  
-  $\frac{W}{2}$   $\frac{NW}{4}$  Sec. 14 (R-2879, 4-1-65) -  $\frac{SW}{4}$  Sec. 11;  $\frac{W}{2}$   $\frac{SW}{4}$  Sec. 14 (R-2923, 7-1-65)  
-  $\frac{NW}{4}$  &  $\frac{W}{2}$   $\frac{SE}{4}$  Sec. 11 (R-2985, 11-1-65) -  $\frac{NE}{4}$  Sec. 9 (R-3051, 4-1-66) -  $\frac{E}{2}$   $\frac{NW}{4}$  Sec. 14 (R-3182, 2-1-67)  
Ext:  $\frac{E}{2}$   $\frac{SE}{4}$  Sec. 11,  $\frac{E}{2}$  &  $\frac{SW}{4}$  Sec. 12,  $\frac{N}{2}$  Sec. 13 (R-4734, 3-1-74)  
Ext:  $\frac{NW}{4}$  Sec. 12 (R-6211, 12-31-79) Ext:  $\frac{W}{2}$   $\frac{NE}{4}$  Sec. 14 (R-7248, 3-30-83)  
EXT:  $\frac{SE}{4}$  sec 8,  $\frac{SW}{4}$  sec 9 (R-8826, 12-22-88) EXT:  $\frac{NW}{4}$  sec 23 (R-8946, 7-1-89)  
EXT:  $\frac{SW}{4}$  SEC 23 (R-9447, 3-1-91) EXT:  $\frac{E}{2}$   $\frac{NE}{4}$  Sec. 14 (R-10177, 8-30-94)  
Ext:  $\frac{NE}{4}$  Sec. 3 (R-10342, 4-24-95) Ext:  $\frac{SE}{4}$  Sec. 2,  $\frac{NE}{4}$  Sec. 11,  $\frac{NW}{4}$  Sec. 16 (R-10641, 8-19-96)  
Ext:  $\frac{W}{2}$  Sec. 2,  $\frac{SE}{4}$  Sec. 3,  $\frac{SE}{4}$  Sec. 5,  $\frac{NE}{4}$  Sec. 8 (R-11116, 1-7-99)  
Ext:  $\frac{SW}{4}$  Sec. 5 (R-1533, 2-8-01) Ext:  $\frac{S}{2}$  Sec. 4,  $\frac{NW}{4}$  Sec. 9 (R-11633, 8-10-01)

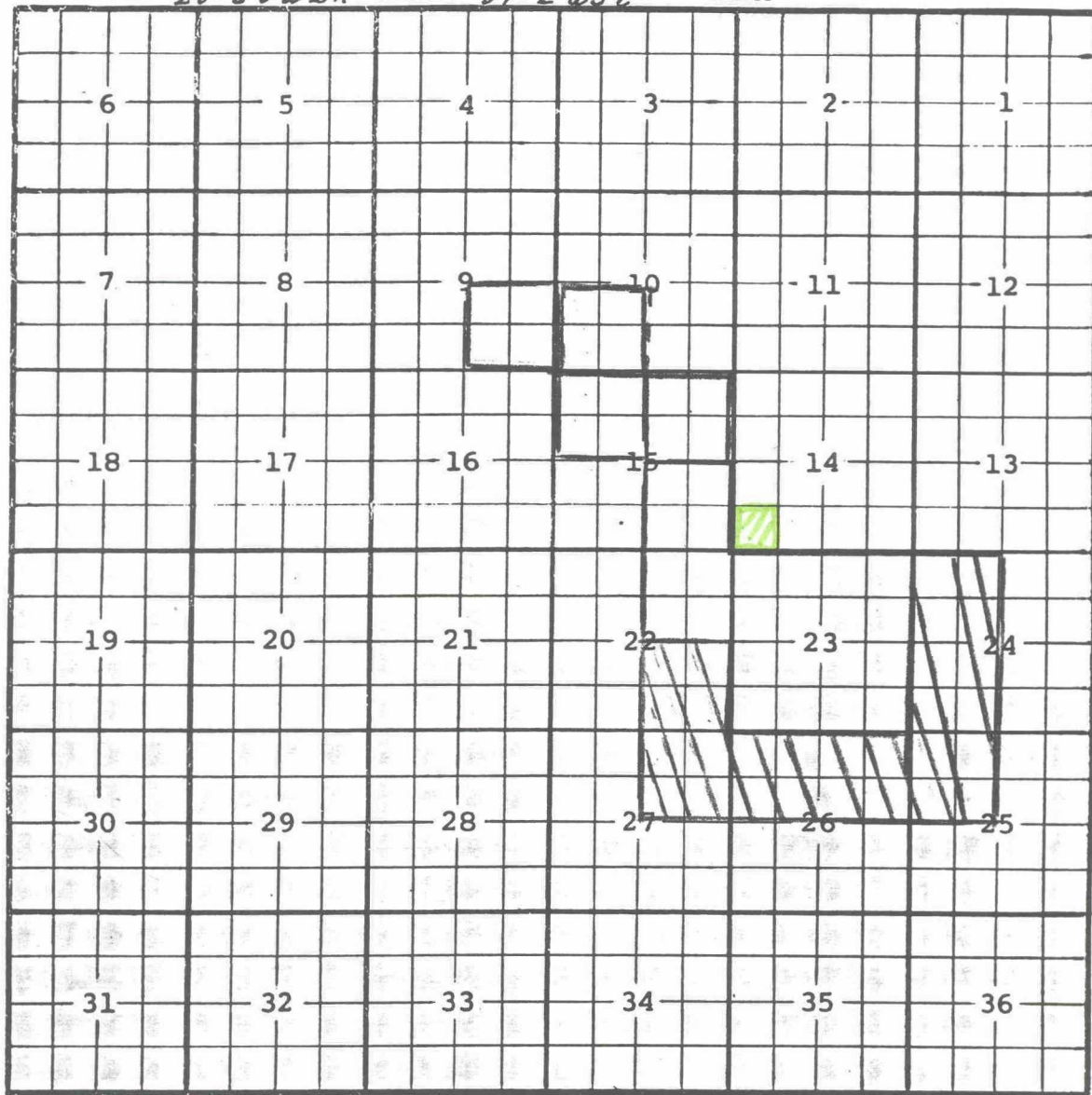
COUNTY LeaPOOL Weir

(Drinkard)

TOWNSHIP 20-South RANGE 37-East

NMPM

#165 ✓



Description:  $\frac{E}{2}$  Sec. 22; All Sec. 23;  $\frac{W}{2}$  Sec. 24; NW  $\frac{1}{4}$  Sec. 25;  $\frac{N}{2}$  Sec. 26; NE  $\frac{1}{4}$  Sec. 27. - SE  $\frac{1}{4}$  Sec. 15, (R-1424, 7-1-59).

Ext: NE  $\frac{1}{4}$  Sec. 15 (R-6623, 4-7-81) Ext: NW  $\frac{1}{4}$  Sec. 15 (R-7714, 11-7-84)

Ext: SW  $\frac{1}{4}$  Sec. 10 (R-10972, 4-13-98)

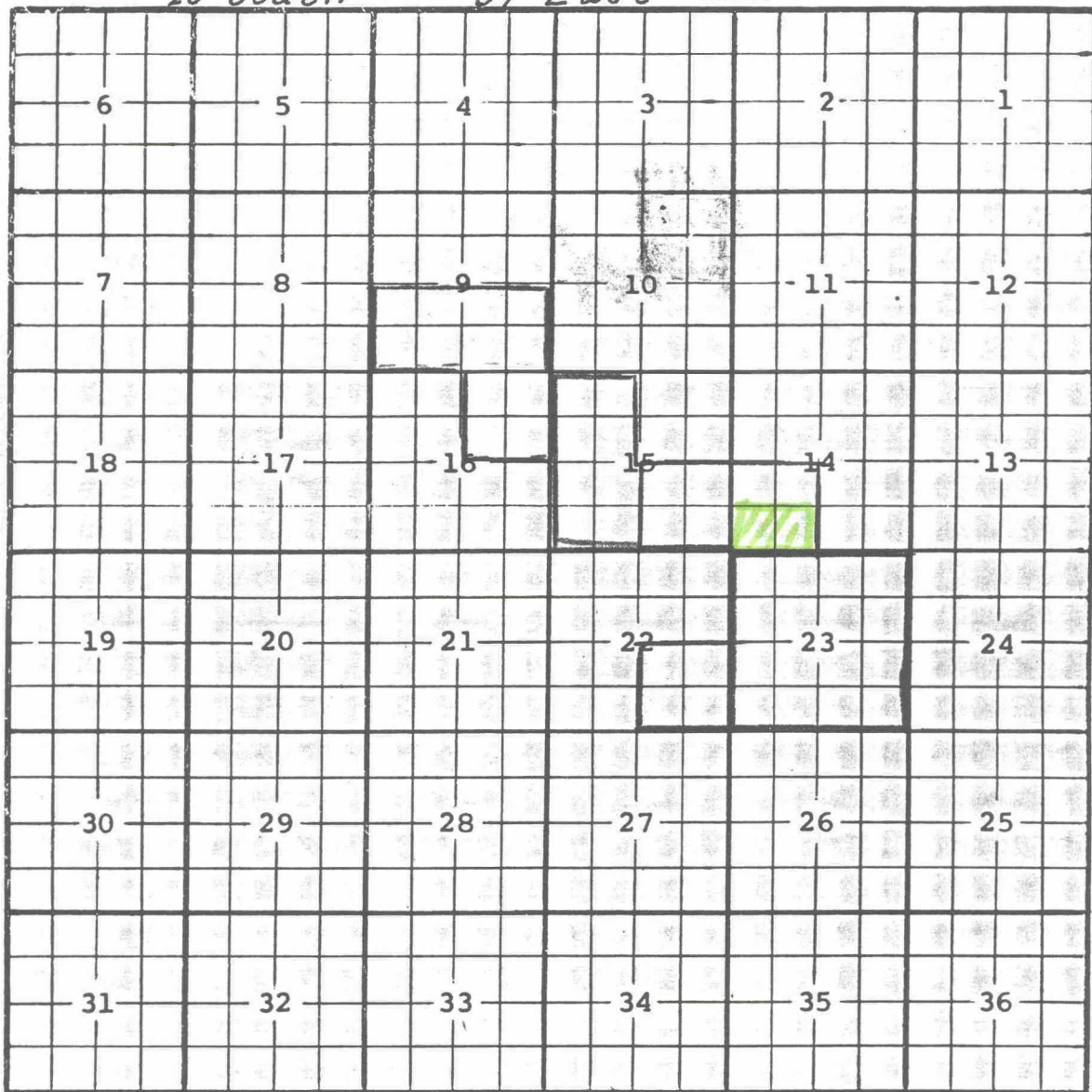
Delete SE  $\frac{1}{4}$  Sec. 22,  $\frac{W}{2}$  Sec. 24, NW  $\frac{1}{4}$  Sec. 25,  $\frac{N}{2}$  Sec. 26, NE  $\frac{1}{4}$  Sec. 27, Ext: SE  $\frac{1}{4}$  Sec. 9 (R-11533, 2-8-01)

COUNTY LeaPOOL Cass

(PE.)

TOWNSHIP 20-South RANGE 37-East NMFM

1165

Description: All Sec. 23.Ext:  $\frac{SW}{4}$  Sec. 14;  $\frac{SE}{4}$  Sec. 15, (R-1008, 5-29-57). ~~$\frac{SE}{4}$  Sec. 14~~ (R-3530, 11-1-68) EXT:  $\frac{W}{2}$  Sec. 15 (R-8626, 4/1/88)Ext:  $\frac{S}{2}$  Sec. 9,  $\frac{NE}{4}$  Sec. 16 (R-9843, 2-8-93)

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

02/11/02 11:59:  
OGOMES -TQ  
PAGE NO:

Sec : 14 Twp : 20S Rng : 37E Section Type : NORMAL

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

M0002: This is the first page

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

CMD :  
OG5SECTONGARD  
INQUIRE LAND BY SECTION02/11/02 11:58:  
OGOMES -TQ  
PAGE NO:

Sec : 14 Twp : 20S Rng : 37E Section Type : NORMAL

L 40.00	K 40.00	J 40.00	I 40.00
Federal owned	Federal owned	Federal owned	Federal owned
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	

PF01 HELP  
PF07 BKWDPF02  
PF08 FWDPF03 EXIT  
PF09 PRINTPF04 GoTo  
PF10 SDIVPF05  
PF11PF06  
PF12

CMD : ONGARD 02/11/02 11:57:  
OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TQ

API Well No : 30 25 35583 Eff Date : 07-27-2001 WC Status : A  
Pool Idn : 10450 CASS;PENN  
OGRID Idn : 5073 CONOCO INC  
Prop Idn : 13492 SEMU

Well No : 160  
GL Elevation: 3546

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/
B.H. Locn	: K	14	20S	37E	FTG 1650 F S	FTG 2250 F W	A
Lot Identifier:							
Dedicated Acre:							80.00
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

CMD :  
OG6ACRE

ONGARD  
C102-DEDICATE ACREAGE

02/11/02 11:57:  
OGOMES -TQ  
Page No :

API Well No : 30 25 35583 Eff Date : 07-27-2001

Pool Idn : 10450 CASS;PENN

Prop Idn : 13492 SEMU

Well No : 16

Spacing Unit : 55338 OCD Order : NSL 4578 Simultaneous Dedication:

Sect/Twp/Rng : Acreage : 80.00 Revised C102? (Y/N) :

Dedicated Land:

S	Base	U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
	K	14		20S	37E	40.00	N	FD		
	L	14		20S	37E	40.00	N	FD		

E0005: Enter data to modify or PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06 CONFIRM
PF07 BKWD	PF08 FWD	PF09	PF10 LAND	PF11 NXTSEC	PF12 RECONF

CMD : ONGARD 02/11/02 11:57:  
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQ  
Page No:

OGRID Identifier : 5073 CONOCO INC  
Pool Identifier : 10450 CASS;PENN  
API Well No : 30 25 35583 Report Period - From : 01 2000 To : 12 2001

API Well No	Property Name	Prod.	Days	Production Volumes	We		
		MM/YY	Prod	Gas	Oil	Water	St
30 25 35583	SEMJJ	10 01			766		S
30 25 35583	SEMJJ	11 01	30	3290	7517		S
30 25 35583	SEMJJ	12 01	31	2824	8379	9641	S

Reporting Period Total (Gas, Oil) : 6114 16662 9641

M0025: Enter PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 02/11/02 11:58:  
OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TQ

API Well No : 30 25 21232 Eff Date : 06-23-1997 WC Status : P  
Pool Idn : 47090 MONUMENT;TUBB  
OGRID Idn : 5073 CONOCO INC  
Prop Idn : 3085 SEMU TUBB

Well No : 087  
GL Elevation: 3542

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act(P/
	---	---	-----	-----	-----	-----	-----
B.H. Locn : M	14	20S	37E	FTG	990 F S	FTG 660 F W	A
Lot Identifier:							
Dedicated Acre:							
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

CMD :  
OG6IWCM

ONGARD  
INQUIRE WELL COMPLETIONS

02/11/02 11:58:  
OGOMES -TQ

API Well No : 30 25 21232 Eff Date : 06-23-1997 WC Status : A  
Pool Idn : 63780 WEIR;BLINEBRY  
OGRID Idn : 5073 CONOCO INC  
Prop Idn : 18722 SEMU SKAGGS B

Well No : 087  
GL Elevation: 3542

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/
	---	---	-----	-----	-----	-----	-----
B.H. Locn : M	14	20S	37E	FTG	990 F S	FTG	660 F W A
Lot Identifier:							
Dedicated Acre: 40.00							
Lease Type : F							
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :							

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

CMD : ONGARD 02/11/02 11:58:  
OG6ACRE C102-DEDICATE ACREAGE OGOMES -TQ  
Page No :

API Well No : 30 25 21232 Eff Date : 06-23-1997  
Pool Idn : 63780 WEIR;BLINEBRY  
Prop Idn : 18722 SEMU SKAGGS B Well No : 08  
Spacing Unit : 52117 OCD Order : Simultaneous Dedication:  
Sect/Twp/Rng : Acreage : 40.00 Revised C102? (Y/N) :  
Dedicated Land:

S	Base	U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
	M	14		20S	37E	40.00	N	FD		

E0005: Enter data to modify or PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06 CONFIRM
PF07 BKWD	PF08 FWD	PF09	PF10 LAND	PF11 NXTSEC	PF12 RECONF

CMD :  
OG6IPRD

ONGARD  
INQUIRE PRODUCTION BY POOL/WELL

02/11/02 11:58:  
OGOMES -TQ  
Page No:

OGRID Identifier : 5073 CONOCO INC  
Pool Identifier : 63780 WEIR;BLINEBRY  
API Well No : 30 25 21232 Report Period - From : 01 2000 To : 12 2001

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	We St
30 25 21232	SEM J SKAGGS B	01 00 31	876 318 3469	P
30 25 21232	SEM J SKAGGS B	02 00 26	755 250 2728	P
30 25 21232	SEM J SKAGGS B	03 00 28	770 255 2782	P
30 25 21232	SEM J SKAGGS B	04 00 28	977 224 2400	P
30 25 21232	SEM J SKAGGS B	05 00 29	559 222 2320	P
30 25 21232	SEM J SKAGGS B	06 00 28	520 174 1818	P
30 25 21232	SEM J SKAGGS B	07 00 29	541 195 2038	P

Reporting Period Total (Gas, Oil) :

M0025: Enter PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06 CONFIRM
PF07 BKWD	PF08 FWD	PF09	PF10 NXTPOOL	PF11 NXTOGD	PF12

CMD : ONGARD 02/11/02 11:58:  
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQ  
 Page No:

OGRID Identifier : 5073 CONOCO INC  
 Pool Identifier : 63780 WEIR;BLINEBRY  
 API Well No : 30 25 21232 Report Period - From : 01 2000 To : 12 2001

API Well No	Property Name	Prod. Days		Production Volumes			We
		MM/YY	Prod	Gas	Oil	Water	
30 25 21232	SEMJ SKAGGS B	08 00	29	645	215	2247	P
30 25 21232	SEMJ SKAGGS B	09 00	28	675	191	1996	P
30 25 21232	SEMJ SKAGGS B	10 00	31	656	212	3565	F
30 25 21232	SEMJ SKAGGS B	11 00	30	601	161	3450	F
30 25 21232	SEMJ SKAGGS B	12 00	31	551	157	3565	F
30 25 21232	SEMJ SKAGGS B	01 01	31	675	152	3565	F
30 25 21232	SEMJ SKAGGS B	02 01	28	628	142	3220	F

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM  
 PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 02/11/02 11:58:  
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQ  
Page No:

OGRID Identifier : 5073 CONOCO INC  
Pool Identifier : 63780 WEIR;BLINEBRY  
API Well No : 30 25 21232 Report Period - From : 01 2000 To : 12 2001

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	We St
30 25 21232	SEMU SKAGGS B	10 01 31	477 241 3565	F
30 25 21232	SEMU SKAGGS B	11 01 30	211 132 3450	F
30 25 21232	SEMU SKAGGS B	12 01 31	174 199 3565	F

Reporting Period Total (Gas, Oil) : 11685 4405 72168

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 02/11/02 11:58:  
OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TQ

API Well No : 30 25 21232 Eff Date : 06-23-1997 WC Status : P  
Pool Idn : 47090 MONUMENT;TUBB  
OGRID Idn : 5073 CONOCO INC  
Prop Idn : 3085 SEMU TUBB

Well No : 087  
GL Elevation: 3542

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/
	---	---	-----	-----	-----	-----	-----
B.H. Locn : M	14	20S	37E	FTG	990 F S	FTG 660 F W	A

Lot Identifier:

Dedicated Acre:

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

## **Stogner, Michael**

---

**From:** Maddox, M. Kay [M-Kay.Maddox@conoco.com]  
**Sent:** Monday, February 11, 2002 10:44 AM  
**To:** Mstogner@state.nm.us  
**Subject:** NSL application SEMU # 165 & 166

Dear Mr. Stogner,

Just a note to check on the status of the NSL application for the SEMU # 165 & # 166. Conoco really needs to drill the # 165 before the prairie chicken season. Amazingly enough, we have BLM approval. Can you please let me know where we are? Thanks.

Kay

## Stogner, Michael

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**From:** Maddox, M. Kay [M-Kay.Maddox@conoco.com]  
**Sent:** Monday, February 11, 2002 3:57 PM  
**To:** MStogner@state.nm.us  
**Subject:** NSL # 165 & 166

Complain??? I did not call to complain! Geez! I hung up - Conoco has no reason to complain. I was checking with you about the applications - If we are in a bind it is because we put ourselves there - it is not your problem. I just wanted to know if you were working on it, close to working on it, or if it was still buried. The engineers might have to revamp their drilling program and I need to tell them if that is the case. Did someone else call about these or is it just a bad day?

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

**IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
DIVISION FOR THE PURPOSE OF  
CONSIDERING:**

**CASE NO. 10984  
Order No. R-10128**

**APPLICATION OF TEXACO EXPLORATION  
& PRODUCTION INC. FOR AMENDMENT OF  
SPECIAL POOL RULES AND REGULATIONS  
FOR THE MONUMENT-TUBB POOL, LEA  
COUNTY, NEW MEXICO.**

*See Also Order  
No. R-2800*

**ORDER OF THE DIVISION**

**BY THE DIVISION:**

This cause came on for hearing at 8:15 a.m. on May 26, 1994, at Santa Fe, New Mexico, before Examiner David R. Catanach.

NOW, on this 3rd day of June, 1994, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

**FINDS THAT:**

- (1) Due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.
- (2) By Order No. R-1532, issued in Case No. 1809 on November 23, 1959, the Division created and defined the Monument-Tubb Pool, Lea County, New Mexico.
- (3) The Monument-Tubb Pool currently comprises the following described area:

**TOWNSHIP 19 SOUTH, RANGE 37 EAST, NMPM**  
Section 34: S/2

**TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM**  
Section 3: W/2  
Section 8: SE/4  
Section 9: SW/4, E/2  
Section 10: All  
Section 11: NW/4, S/2  
Section 12: All  
Section 13: N/2

Section 14: NW/4, W/2 NE/4, W/2 SW/4  
Section 15: All  
Section 16: E/2  
Section 20: NE/4  
Section 21: N/2  
Section 22: N/2  
Section 23: W/2

(4) The Monument-Tubb Pool is currently governed by Special Rules and Regulations as promulgated by Division Order No. R-2800 on November 10, 1964, which require standard 80-acre oil spacing and proration units, designated well locations, and a limiting gas-oil ratio of 4,000 cubic feet of gas per barrel of oil.

(5) The applicant, Texaco Exploration & Production Inc., seeks to amend Rule No. (7) of the Special Rules and Regulations for the Monument-Tubb Pool, to increase the limiting gas-oil ratio to 10,000 cubic feet of gas per barrel of oil.

(6) According to the Division's Monthly Statistical Report for December, 1993, there are currently thirty-nine wells within the Monument-Tubb Pool operated by eight operators. The applicant currently operates eleven wells within the pool.

(7) The applicant presented engineering evidence and testimony which indicates that of the thirty-five wells currently producing within the pool:

12 produce at a GOR in excess of 20,000:1  
10 produce at a GOR between 10,000 and 20,000:1  
11 produce at a GOR between 4,000 and 10,000:1  
2 produce at a GOR of less than 4,000:1

(8) Further engineering evidence indicates that over the past several years, the Monument-Tubb Pool has produced, poolwide, at a gas-oil ratio in excess of 10,000 cubic feet of gas per barrel of oil.

(9) Applicant's geologic evidence and testimony demonstrated that there is no correlation between a given well's producing gas-oil ratio and its location structurally within the reservoir.

(10) There is no geologic or engineering evidence which would indicate the presence of a gas cap within the reservoir.

(11) The Monument-Tubb Pool appears to be a solution gas drive reservoir in its final stages of primary depletion.

(12) No operator in the pool or offset operator appeared at the hearing in opposition to the application.

(13) The evidence presented indicates that approval of the proposed gas-oil ratio limitation should not result in the excessive dissipation of reservoir energy, should not result in the reduced recovery of oil from the subject reservoir, thereby causing waste, and will not violate correlative rights.

(14) The proposed gas-oil ratio limitation of 10,000 cubic feet of gas per barrel of oil for the Monument-Tubb Pool should be established on a permanent basis.

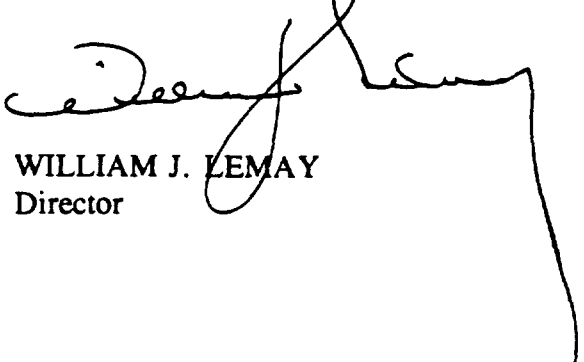
**IT IS THEREFORE ORDERED THAT:**

(1) Rule No. (7) of the Special Rules and Regulations for the Monument-Tubb Pool, Lea County, New Mexico, as promulgated by Division Order No. R-2800, is hereby amended by increasing the limiting gas-oil ratio for the subject pool to 10,000 cubic feet of gas per barrel of oil.

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

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

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

  
WILLIAM J. LEMAY  
Director

S E A L

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO FOR  
THE PURPOSE OF CONSIDERING:

CASE No. 3123  
Order No. R-2800

APPLICATION OF CONTINENTAL OIL  
COMPANY FOR SPECIAL POOL RULES,  
LEA COUNTY, NEW MEXICO.

*See also Order No.  
R-10128*

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on October 13, 1964, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 10th day of November, 1964, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Continental Oil Company, seeks the promulgation of special rules and regulations for the Monument-Tubb Pool in Township 20 South, Range 37 East, NMPM, Lea County, New Mexico, including a provision for 80-acre spacing units and a gas-oil ratio of 6000 to 1.

(3) That one well in the Monument-Tubb Pool can efficiently and economically drain and develop 80 acres.

(4) That in order to prevent the economic loss caused by the drilling of unnecessary wells, to avoid the augmentation of risk arising from the drilling of an excessive number of wells to prevent reduced recovery which might result from the drilling of too few wells, and to otherwise prevent waste and protect correlative rights, special rules and regulations providing

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CASE No. 3123

Order No. R-2800

for 80-acre spacing units should be promulgated for the Monument-Tubb Pool.

(5) That a limiting gas-oil ratio of 6000 to 1 would be excessive for this pool and might result in waste.

(6) That the special rules and regulations should provide for a limiting gas-oil ratio of 4000 to 1 in order to allow each operator in the pool the opportunity to use his just and equitable share of the reservoir energy.

IT IS THEREFORE ORDERED:

That Special Rules and Regulations for the Monument-Tubb Pool are hereby promulgated as follows, effective December 1, 1964:

SPECIAL RULES AND REGULATIONS  
FOR THE  
MONUMENT-TUBB POOL

RULE 1. Each well completed or recompleted in the Monument-Tubb Pool or in the Tubb formation within one mile thereof, and not nearer to or within the limits of another designated Tubb oil pool, shall be spaced, drilled, operated, and produced in accordance with the Special Rules and Regulations hereinafter set forth.

RULE 2. Each well shall be located on a standard unit containing 80 acres, more or less, consisting of the N/2, S/2, E/2, or W/2 of a governmental quarter section; provided, however, that nothing contained herein shall be construed as prohibiting the drilling of a well on each of the quarter-quarter sections in the unit.

RULE 3. The Secretary-Director of the Commission may grant an exception to the requirements of Rule 2 without notice and hearing when an application has been filed for a non-standard unit comprising a governmental quarter-quarter section or lot. All operators offsetting the proposed non-standard unit shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Secretary-Director may approve the application upon receipt of written waivers from all offset operators or if no offset operator has entered an objection to the formation of the

non-standard unit within 30 days after the Secretary-Director has received the application.

RULE 4. Each well shall be located no nearer than 330 feet to any governmental quarter-quarter section or lot line.

RULE 5. The Secretary-Director may grant an exception to the requirements of Rule 4 without notice and hearing when an application has been filed for an unorthodox location necessitated by topographical conditions. All operators offsetting the proposed unorthodox location shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Secretary-Director may approve the application upon receipt of written waivers from all offset operators or if no offset operator has entered an objection to the unorthodox location within 20 days after the Secretary-Director has received the application.

RULE 6. A standard proration unit (79 through 81 acres) shall be assigned an 80-acre proportional factor of 2.77 for allowable purposes, and in the event there is more than one well on an 80-acre proration unit, the operator may produce the allowable assigned to the unit from the wells on the unit in any proportion.

The allowable assigned to a non-standard proration unit shall bear the same ratio to a standard allowable as the acreage in such non-standard unit bears to 80 acres.

RULE 7. The limiting gas-oil ratio shall be 4000 cubic feet of gas for each barrel of oil produced.

IT IS FURTHER ORDERED:

(1) That any well presently drilling to or completed in the Monument-Tubb Pool or in the Tubb formation within one mile thereof that will not comply with the well location requirements of Rule 4 is hereby granted an exception to the requirements of said rule. The operator shall notify the Hobbs District Office of the Commission in writing of the name and location of the well on or before December 1, 1964.

(2) That each well presently drilling to or completed in the Monument-Tubb Pool or in the Tubb formation within one mile thereof shall receive a 40-acre allowable until a Form C-128

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CASE No. 3123

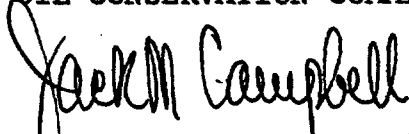
Order No. R-2800

dedicating 80 acres to the well has been filed with the Commission.

(3) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION



JACK M. CAMPBELL, Chairman



E. S. WALKER, Member



A. L. PORTER, Jr., Member & Secretary

S E A L

esr/

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO FOR  
THE PURPOSE OF CONSIDERING:

CASE No. 3156  
Order No. R-2825

APPLICATION OF CONTINENTAL OIL  
COMPANY FOR SPECIAL POOL RULES,  
LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on November 24, 1964, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 7th day of December, 1964, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Continental Oil Company, seeks the promulgation of special rules and regulations for the Cass Pool in Township 20 South, Range 37 East, NMPM, Lea County, New Mexico, including a provision for 80-acre spacing and authority to transfer allowables.

(3) That one well in the Cass Pool can efficiently and economically drain and develop 80 acres.

(4) That in order to prevent the economic loss caused by the drilling of unnecessary wells, to avoid the augmentation of risk arising from the drilling of an excessive number of wells, to prevent reduced recovery which might result from the drilling of too few wells, and to otherwise prevent waste and protect correlative rights, special rules and regulations providing for 80-acre spacing units should be promulgated for the Cass Pool.

(5) That the special rules and regulations should provide for limited well locations in order to assure orderly development of the pool and protect correlative rights.

(6) That the applicant has not established that authority to transfer allowables within the Cass Pool will prevent waste or protect correlative rights.

(7) That the applicant's request for authority to transfer allowables within the Cass Pool should be denied.

IT IS THEREFORE ORDERED:

That Special Rules and Regulations for the Cass Pool are hereby promulgated as follows:

SPECIAL RULES AND REGULATIONS  
FOR THE  
CASS POOL

RULE 1. Each well completed or recompleted in the Cass Pool or in the Pennsylvanian formation within one mile thereof, and not nearer to or within the limits of another designated Pennsylvanian oil pool, shall be spaced, drilled, operated and produced in accordance with the Special Rules and Regulations hereinafter set forth.

RULE 2. Each well shall be located on a standard unit containing 80 acres, more or less, consisting of the N/2, S/2, E/2, or W/2 of a governmental quarter section; provided, however, that nothing contained herein shall be construed as prohibiting the drilling of a well on each of the quarter-quarter sections in the unit.

RULE 3. The Secretary-Director of the Commission may grant an exception to the requirements of Rule 2 without notice and hearing when an application has been filed for a non-standard unit comprising a governmental quarter-quarter section or lot. All operators offsetting the proposed non-standard unit shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Secretary-Director may approve the application upon receipt of written waivers from all offset operators or if no offset operator has entered an objection to the formation of the non-standard unit within 30 days after the Secretary-Director has received the application.

RULE 4. Each well shall be located within 150 feet of the center of a governmental quarter-quarter section or lot line.

RULE 5. The Secretary-Director may grant an exception to the requirements of Rule 4 without notice and hearing when an application has been filed for an unorthodox location necessitated by topographical conditions or the recompletion of a well previously drilled to another horizon. All operators offsetting the proposed unorthodox location shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Secretary-Director may approve the application upon receipt of written waivers from all offset operators or if no offset operator has entered an objection to the unorthodox location within 20 days after the Secretary-Director has received the application.

RULE 6. A standard proration unit (79 through 81 acres) shall be assigned an 80-acre proportional factor of 2.33 for allowable purposes, and in the event there is more than one well on an 80-acre proration unit, the operator may produce the allowable assigned to the unit from the wells on the unit in any proportion.

The allowable assigned to a non-standard proration unit shall bear the same ratio to a standard allowable as the acreage in such non-standard unit bears to 80 acres.

IT IS FURTHER ORDERED:

(1) That any well presently drilling to or completed in the Cass Pool or in the Pennsylvanian formation within one mile thereof that will not comply with the well location requirements of Rule 4 is hereby granted an exception to the requirements of said rule. The operator shall notify the Hobbs District Office of the Commission in writing of the name and location of the well on or before December 15, 1964.

(2) That each well presently drilling to or completed in the Cass Pool or in the Pennsylvanian formation within one mile thereof shall receive a 40-acre allowable until a Form C-123 dedicating 80 acres to the well has been filed with the Commission.

(3) That the applicant's request for authority to transfer allowables within the Cass Pool is hereby denied.

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CASE No. 3156

Order No. R-2825

(4) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

JACK M. CAMPBELL, Chairman

E. S. WALKER, Member

A. L. PORTER, Jr., Member & Secretary

S E A L

esr/

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

CASE No. 3156  
Order No. R-2825-A

APPLICATION OF CONTINENTAL OIL  
COMPANY FOR SPECIAL POOL RULES,  
LEA COUNTY, NEW MEXICO.

NUNC PRO TUNC ORDER

BY THE COMMISSION:

It appearing to the Commission that due to clerical error, Order No. R-2825, dated December 7, 1964, does not correctly state the intended order of the Commission,

IT IS THEREFORE ORDERED:

(1) That Rule 6 of the Special Rules and Regulations for the Cass Pool promulgated by Order No. R-2825 is hereby corrected to read as follows:

RULE 6. A standard proration unit (79 through 81 acres) shall be assigned an 80-acre proportional factor of 3.33 for allowable purposes, and in the event there is more than one well on an 80-acre proration unit, the operator may produce the allowable assigned to the unit from the wells on the unit in any proportion.

The allowable assigned to a non-standard proration unit shall bear the same ratio to a standard allowable as the acreage in such non-standard unit bears to 80 acres.

(2) That the correction set forth above shall be effective nunc pro tunc as of December 7, 1964.

DONE at Santa Fe, New Mexico, on this 21st day of December, 1964.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

JACK M. CAMPBELL, Chairman

E. S. WALKER, Member

S E A L

esr/

A. L. PORTER, Jr., Member & Secretary

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

CASE No. 3156  
Order No. R-2825-B

APPLICATION OF CONTINENTAL OIL  
COMPANY FOR SPECIAL POOL RULES,  
LEA COUNTY, NEW MEXICO.

NUNC PRO TUNC ORDER

BY THE COMMISSION:

It appearing to the Commission that due to clerical error,  
Order No. R-2825, dated December 7, 1964, does not correctly state  
the intended order of the Commission,

IT IS THEREFORE ORDERED:

(1) That Rule 4 of the Special Rules and Regulations for  
the Cass Pool promulgated by Order No. R-2825 is hereby corrected  
to read as follows:

RULE 4. Each well shall be located within 150 feet of the  
center of a governmental quarter-quarter section or lot.

(2) That the correction set forth above shall be effective  
nunc pro tunc as of December 7, 1964.

DONE at Santa Fe, New Mexico, on this 25th day of January,  
1965.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

JACK M. CAMPBELL, Chairman

E. S. WALKER, Member

S E A L

A. L. PORTER, Jr., Member & Secretary

esr/



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

BETTY RIVERA

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

October 11, 2002

Conoco, Inc.  
10 Desta Drive - Suite 100W  
Midland, Texas 79705  
Attention: Kay Maddox  
*m-kay.Maddox@USA.Conoco.com*

Telefax No. (915) 686-5780

*Administrative Order NSL-4696-A*

Dear Ms. Maddox:

Reference is made to the following: (i) your application (*application reference No. pKRV0-226654134*) submitted to the New Mexico Oil Conservation Division ("Division") on September 23, 2002; and (ii) the Division's records in Santa Fe: all concerning Conoco, Inc.'s request for an unorthodox gas well location in the Abo formation for the existing SEMU Well No. 165 (API No. 30-045-35835) located 1310 feet from the South line and 480 feet from the West line (Unit M) of Section 14, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico.

The SW/4 of Section 14 is to be dedicated to this well in order to form a standard 160-acre gas spacing unit for the Undesignated Skaggs-Abo Gas Pool (85410).

By Division Administrative Order NSL-4696, dated February 11, 2002, Conoco, Inc. received authorization to drill and complete the above-described SEMU Well No. 165 at an unorthodox oil well location in the: (i) Monument-Tubb Pool (47090) within the W/2 SW/4 of Section 14, being a standard 80-acre stand-up oil spacing and proration unit for this pool; (ii) Undesignated Weir-Drinkard Pool (63840) within the SW/4 SW/4 of Section 14, being a standard 40-acre oil spacing and proration unit for this pool; and (iii) Cass (Pennsylvanian) Pool (10450) within the S/2 SW/4 of Section 14, being a standard 80-acre lay-down oil spacing and proration unit for this pool.

It is our understanding that Conoco, Inc.'s attempts to complete the deeper Strawn interval (Pennsylvanian) were unsuccessful and now indents to perforate the Abo interval and test for commercial gas production before testing the shallower Tubb and Drinkard intervals.

The location of this well within the Undesignated Skaggs-Abo Gas Pool is also considered to be unorthodox, pursuant to Division Rule 104.C (3), revised by Division Order No. R-11231, issued by the New Mexico Oil Conservation Commission in Case No. 12119 on August 12, 1999.

The application has been duly filed under the provisions of Division Rules 104.F, as revised.

Administrative Order NSL-4696-A

Conoco Inc.

October 11, 2002


Page 2

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By the authority granted me under the provisions of Division Rule 104.F (2), the above-described unorthodox gas well location for Conoco, Inc.'s SEMU Well No. 165 within the Undesignated Skaggs-Abo Gas Pool is hereby approved.

Further all provisions of Division Order NSL-4696 shall remain in full force and affect until further notice.

Sincerely,



Lori Wrotenbery  
Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Hobbs  
U. S. Bureau of Land Management - Carlsbad  
File: Division Administrative Order NSL-4696 ✓