



**REQUEST FOR FACSIMILE
TRANSMISSION**

8-14-97

Date

To: Mr. Michael Stogner	
Location: Santa Fe	Dept:
FAX No.: (505) 827-8177	Tel.:

From: Jerry Hoover	
Location: Midland	Dept: Production
FAX No.: (915) 686-5468	Tel.:

2 + Cover

No. Pages + Cover

MESSAGE:



Mid-Continent Region
Exploration/Production

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

August 13, 1997

Mr. Michael Stogner
New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87504

Re: Application for Non-Standard Locations for
4 Wells in the Southeast Monument Unit:
SEMU Nos. 125, 126, 128, and 129
FILED: March 25, 1997

Dear Mr. Stogner:

Conoco has had a drilling rig working continuously in the Southeast Monument Unit and Warren Unit area for about a year and a half now. Intermittently during that period we have also kept a second rig busy. In fact two rigs were active through the first week of July, 1997. This second rig was scheduled to begin drilling the wells in the above referenced application during June. Following a phone call to your office on July 3, 1997 to check on the status of the application, it was apparent that approval would not be received in time to retain that second rig and we were forced to release it.

If we do not have approval of these locations within another week, we will also have to release the other rig. We are now faced with the probability of having to shut down our entire drilling program in Southeast New Mexico for lack of approval of these wells. That means releasing a rig that has been drilling for a year and a half with no assurance as to when we can obtain another rig.

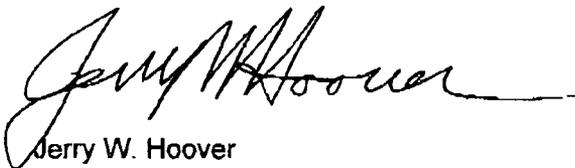
Conoco has responded promptly to any questions that you have communicated to us concerning this application. Can we be of any further help to you in your consideration of the application? The following represents the chronological history of the application as we understand it.

March 25, 1997	— Application mailed by Conoco
April 2, 1997	— Your reply requesting information on the Southeast Monument mailed
April 8, 1997	— Conoco's reply mailed.
July 3, 1997	— After no response for 3 months or request for additional information, a phone call was made to your office requesting the status of the application. At that time you requested further clarification of Conoco's April 8 letter.
July 8, 1997	— Conoco's second reply mailed

We would appreciate having the opportunity to resolve any misunderstandings or confusion that has occurred over the five month period in which we have been dealing with this application in time to avoid shutting down our active drilling program. We cannot have any additional drilling prospects ready in time to avoid this shut down without moving to the SEMU wells. Termination of this program will result in significant financial loss to Conoco, the BLM, other interest owners, and the State of New Mexico.

We look forward to your assistance with this problem. My phone number is (915) 686-6548.

Very truly yours,



Jerry W. Hoover
Sr. Conservation Coordinator

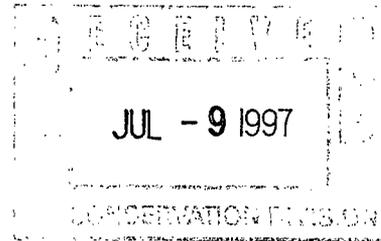
cc: William J. LeMay, Oil Conservation Division Director
Hobbs District Office of Oil Conservation Division
Ed Roberson, Roswell BLM Office



Mid-Continent Region
Exploration/Production

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

July 8, 1997



Mr. Michael Stogner
New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87504

Re: 2nd ADDENDUM TO:
Application for Non-Standard Locations for
4 wells in the Southeast Monument Unit:
SEMU Nos. 125, 126, 128, and 129

Dear Mr. Stogner:

The primary purpose for drilling these four wells is to test the Blinebry, Tubb, and Drinkard formations in two new small structural closures that were defined by recent 3-D seismic work in this area. These small structural highs are shown on EXHIBIT 6 of the application.

Since successful completions in any of these formations would be discoveries in new isolated reservoirs they would be outside the boundaries of existing participating areas for these formations located more than a mile to either the west or the east. Therefore, common unit-wide interests would apply to the drilling, completing, and producing of these wells until such time that commercial well evaluations could be assessed. If that assessment does not show that sufficient reserves have been encountered to economically justify the drilling of single completion wells for these formations, then they would be declared as non-commercial completions and royalties would continue to be paid on a common unit-wide basis.

If any or all of these potential completion formations should be declared as commercial completions, then new participating areas would have to be established, since the reservoirs for them would be isolated from any other Blinebry, Tubb, or Drinkard completions in the Southeast Monument Unit and/or other existing participating areas. But, these actions can not be done until the wells are drilled, completed, and evaluated. So, initially all interests are common to the point of commercial evaluation.

We could have simply twined existing wells located in standard drilling windows (shown on EXHIBIT 6) and avoided the need for these unorthodox locations. The only reason for requesting the unorthodox locations was to provide backup wellbores for a potential future infilldrilling program in the SEMU Permian Waterflood. If the target zones are not commercially productive, then the wellbores could be used for infilllocations in the waterflood, which under the revised Rule 104 do not require approval other than simply filing with an APD.



REQUEST FOR FACSIMILE TRANSMISSION

7-8-97

Date

To: <i>Michael Stogner</i>	
Location:	Dept:
FAX No.: <i>(505) 827-8177</i>	Tel.:

From: <i>Jerry Hoover</i>	
Location: Midland	Dept: Production
FAX No.: <i>(915) 686-5468</i>	Tel.:

2 + Cover

No. Pages + Cover

MESSAGE:

RE: Application for Non-Standard Locations for
4 wells in the Southeast Monument Unit:
SEMU Nos. 125, 126, 128, and 129

When I returned from vacation today I had a message from Bill Keathly in our office that he talked to you last week concerning the subject application. The attached letter is my attempt to answer the question that you conveyed to Mr. Keathly as I understand his handwritten note. Since he is out of the office this week, I could not discuss it with him. I am also federal expressing a copy of this letter to you which should reach your office tomorrow.

Since we have a rig waiting, we would appreciate your handling of this application. Thanks.

While the map (EXHIBIT 6) shows primarily 40-acre spacing of wells in the Southeast Monument Unit, adding the shallow Eumont gas wells and scattered deeper wells would show an area that is becoming quite cluttered with wellbores, pipelines, roads, powerlines, and batteries. This long-range plan for use of these wellbores was aimed at avoiding the drilling of future unnecessary wells, which are becoming more difficult to locate in this busy area.

I'm sorry if I was unclear in the first two communications regarding this application. There are no interests concerns in the drilling, completing, and producing these wells at either standard or non-standard locations. If the need to establish new participating areas arises, all interest owners will be advised of that need and the applications to do so.

We have a drilling rig waiting now to begin drilling these wells. If there are any further questions concerning this application please call me at (915) 686-6548.

Very truly yours,



Jerry W. Hoover
Sr. Conservation Coordinator

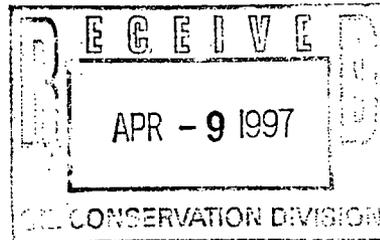


Mid-Continent Region
Exploration/Production

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

April 8, 1997

Mr. Michael Stogner
New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87504



Re: ADDENDUM TO:
Application for Non-Standard Locations for
4 Wells in the Southeast Monument Unit:
SEMU Nos. 125, 126, 128, and 129

Dear Mr. Stogner:

These four wells and their proposed locations are:

SEMU No. 125	10' FSL & 190' FWL	Sec. 18, T-20S, R-38E
SEMU No. 126	1310' FSL & 1120' FWL	Sec. 19, T-20S, R-38E
SEMU No. 128	2490' FSL & 1310' FEL	Sec. 24, T-20S, R-38E
SEMU No. 129	1310' FSL & 1170' FEL	Sec. 13, T-20S, R-38E

37
37

The Southeast Monument Unit (SEMU) is a drilling unit and as such does not have a single unitized interval. Historically, as various horizons were developed, multiple participating areas were formed and periodically expanded for economically commercial wells. Non-commercial, marginal wells were maintained on unit-wide interests.

One of those participating areas was established for the SEMU Permian Waterflood whose vertical limits include the lower 100 feet of the Queen formation down to the base of the Grayburg. These four locations are all interior infill locations within the boundary of this waterflood (see Exhibit 5) and its participating area which includes all of the waterflood area. However, completion in the waterflood interval is only a secondary backup potential to the primary target of the Drinkard formation and its primary backups in the Blinebry and Tubb formations.

Small Blinebry, Tubb, and Drinkard participating areas have previously been formed in the unit which are located more than a mile to the west and to the east of these proposed locations. As indicated by the structure map (Exhibit 6) these four drilling sites are located on newly identified regional structures and if productive, would constitute new pools. The drilling permits were filed as wildcat Drinkard wells. The Blinebry and/or Tubb are additional backup completions if the Drinkard is unproductive. Initially, until the Drinkard is proven to be a commercial well, unit interests will prevail in these wells. Should one or more of the wells qualify as a commercial quality well, a new Drinkard participating area will have to be formed at that time. Although working and royalty interests are common throughout the unit, there are minor differences in overrides. So initially all interests are common to these wells and surrounding locations in all potential intervals.

7-3-97
This statement appears to be contradictory please explain further.
Thanks.
M. Stogner
c.c. - W. Thomas Kellerman

The primary target is the Drinkard. The Blinebry and Tubb intervals are considered backup recompletion zones and were not proposed in the drilling plan. We simply wanted to establish non-standard location approval for all of the potential future recompletion intervals with this application, so that a new order would not be required as each new zone is recompleted. Dualling of multiple completions will not be done; any other productive zones will be developed sequentially. If multiple intervals are productive and sequentially produced to marginal rates, downhole commingling might be applied for at some future point.

Therefore, to provide the maximum potential for recovery from multiple zones and waterflood utility, it is requested that these non-standard locations be granted. If there are any further questions concerning this application please call me at (915) 686-6548.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Jerry W. Hoover". The signature is written in dark ink and is positioned above the typed name.

Jerry W. Hoover
Sr. Conservation Coordinator



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

April 2, 1997

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

Attention: Jerry W. Hoover

Administrative application for four unorthodox oil well locations in the Blinebry, Tubb, and Drinkard intervals:

SEMU Well Nos. 125, 126, 128, and 129 in Sections 18, 19, 24, and 13, respectively, all in Township 20 South, Range 38 East, NMPM, Lea County, New Mexico.

Dear Mr. Hoover:

Reference is made to your application dated March 26, 1997 for the four subject unorthodox oil well locations all within Conoco's Southeast Monument Unit Area ("SEMU"). Since the SEMU is a Federal Unit I have no information on the Unit Agreement on file in Santa Fe, what is the unitized interval of the SEMU and do all effected off-setting 40-acre tracts to the subject locations have 100% participation in the Unit Area with respect to these three intervals. Also, please provide additional information on the proposed completions on these wells, are these zones to be downhole commingled, separated by tubing strings, singularly completed in each interval over time, or a combination of these.

Thank you.

Sincerely,

Michael E. Stogner
Chief Hearing Officer/Engineer

WJL/MES/kv

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



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

April 2, 1997

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

Attention: Jerry W. Hoover

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SEMU Well Nos. 125, 126, 128, and 129 in Sections 18, 19, 24, and 13, respectively, all in Township 20 South, Range 38 East, NMPM, Lea County, New Mexico.

Dear Mr. Hoover:

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Thank you.

Sincerely,

Michael E. Stogner
Chief Hearing Officer/Engineer

WJL/MES/kv

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



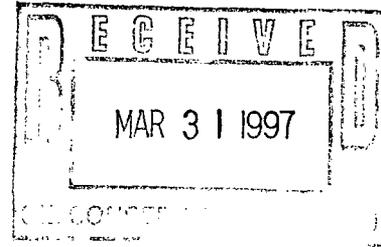
NSL 4/21/97

Mid-Continent Region
Exploration/Production

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

March 26, 1997

Mr. Michael Stogner
New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87504



RE: Application for Non-Standard Locations for
4 Wells in the Southeast Monument Unit:
SEMU Nos. 125, 126, 128, and 129

Dear Mr. Stogner:

These four wells and their proposed locations are:

SEMU No. 125	10' FSL & 190' FWL	Sec. 18, T-20S, R-38E
SEMU No. 126	1310' FSL & 1120' FWL	Sec. 19, T-20S, R-38E
SEMU No. 128	2490' FSL & 1310' FEL	Sec. 24, T-20S, R-38E
SEMU No. 129	1310' FSL & 1170' FEL	Sec. 13, T-20S, R-38E

Copies of the C-102's for these wells are attached as Exhibit Nos. 1-4. As shown by Exhibit 5, all four of these non-standard locations are within the interior of both the Southeast Monument Unit and the SEMU Permian Waterflood and do not encroach on any offset operators. They are also placed at potential infill locations (on 20-acre well spacing) in the SEMU Permian Waterflood which produces from the shallower Penrose and Grayburg formations.

Neither drilling nor development at these locations in the Southeast Monument Unit has been conducted below the Grayburg horizon of the waterflood. The four wells are targeted to test deeper potential in the Blinbry, Tubb, and Drinkard horizons. Recent 3-D seismic surveys in this area have identified two small regional structural highs in these three deeper zones as indicated by the yellow and brown portions of Exhibit 6 which is a structure map on the top of the Tubb formation. This Tubb structure is also representative of the structural character of Blinbry and Drinkard formations.

The first criteria for choosing these 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 considered to be the optimum positions to conduct these tests with the possible exception of the SEMU No. 126 in Section 19. An attempt was made to locate this well one infill location to the west, close to the section line between sections 19 and 24. However, surface obstructions and pipelines prevented the staking of this well anywhere along the section line in this area. Therefore No. 126 was moved to the next available infill location that was still high enough on structure to provide a reasonable test.

Several years ago, a previous Drinkard test in the SEMU 107, located in the middle of Section 19 (see Exhibit 5), produced only water. As this current structural interpretation shows, that well was actually located in a "low" for all of these formations. This more accurate delineation of the structure was not possible until recent 3-D seismic data became available. This previous test failure re-enforces the importance of staying as high on these small regional structures as is possible.

The second criteria was to provide future infill development locations for the SEMU Permian Grayburg Waterflood should it ever be infill drilled for conversion to 20-acre well spacing. Consideration and study is being given to the potential of down-sizing the injection patterns to 40-acre 5-spots. So, should the deeper tests not prove economical, these wellbores would provide this backup potential in the Grayburg waterflood project.

Therefore, to provide the maximum potential for recovery from multiple zones and waterflood utility, it is requested that these non-standard locations be granted. If there are any further questions concerning this application please call me at (915) 686-6548.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Jerry W. Hoover". The signature is written in dark ink and is positioned above the typed name.

Jerry W. Hoover
Sr. Conservation Coordinator

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		*Pool Code 57000	*Pool Name Skaggs Drinkard
*Property Code 003083	*Property Name SEMU		*Well Number 125
*GRID No. 005073	*Operator Name CONOCO INC.		*Elevation 3541

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	18	20-S	38-E		10	SOUTH	190	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 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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>16</p>	<p>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Jerry W. Hoover</i> Signature JERRY W. HOOVER Printed Name SR. CONSERVATION COORDINATOR Title 3/24/97 Date</p>		
	<p>¹⁸ 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 best of my belief.</p> <p>JANUARY 16, 1997 Date of Survey</p> <p>Signature and Seal of Professional Land Surveyor: <i>Earl Foote</i> </p>		
	<p>Certificate Number EXHIBIT 1</p>		

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

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code	Pool Name
		5700	Skaggs Drinkard
Property Code	Property Name		Well Number
003083	SEMU		126
OGRD No.	Operator Name		Elevation
005073	CONOCO INC.		3535

¹⁰ Surface Location

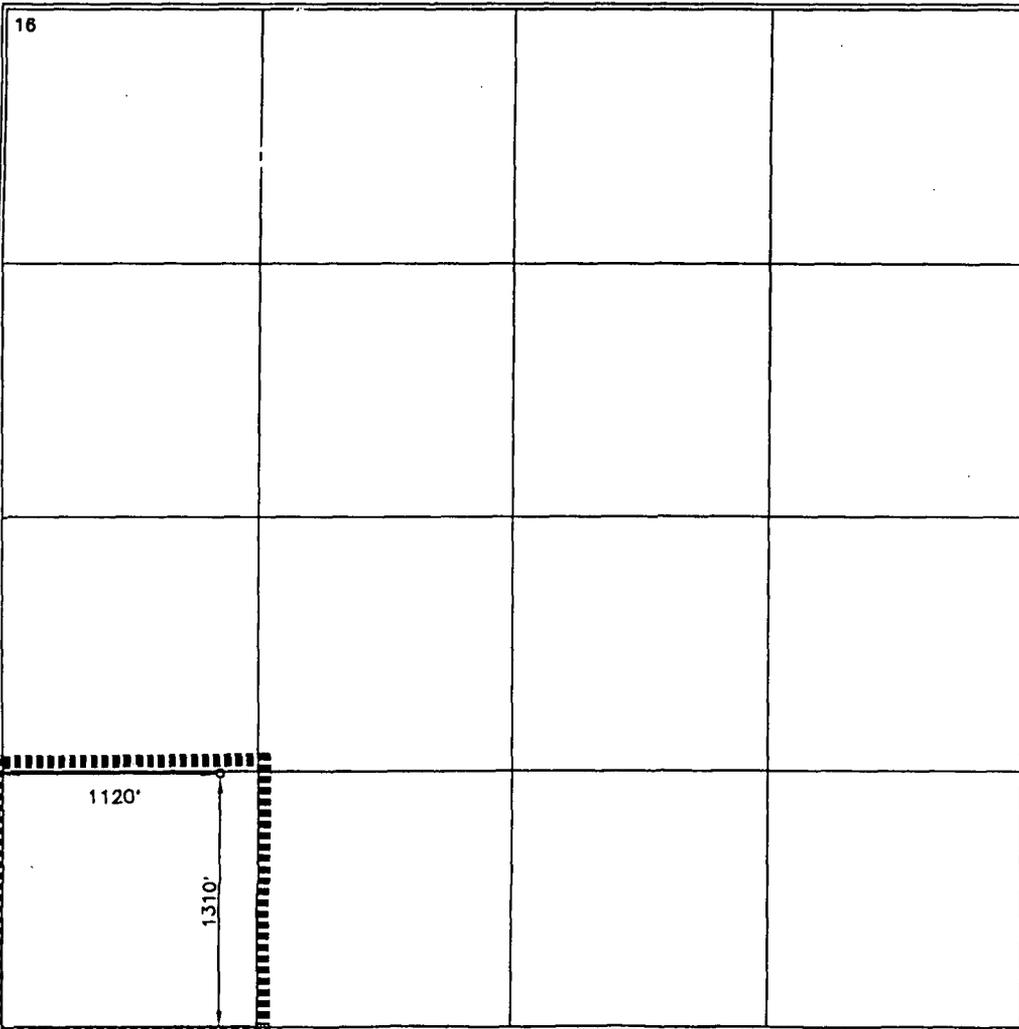
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	19	20-S	38-E		1310	SOUTH	1120	WEST	LEA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

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



¹⁷ OPERATOR CERTIFICATION

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

Jerry W. Hoover
 Signature
 JERRY W. HOOVER
 Printed Name
 SR. CONSERVATION COORDINATOR
 Title
 3/26/97
 Date

¹⁸ SURVEYOR CERTIFICATION

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

JANUARY 16, 1997
 Date of Survey
 Signature and Seal of Professional Surveyor
Earl Foote
 EARL FOOTE
 REGISTERED PROFESSIONAL LAND SURVEYOR
 NEW MEXICO
 8278
 Certificate Number

EXHIBIT 2

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
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Form C-102
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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code	*Pool Name
		57000	Skaggs Drinkard
*Property Code	*Property Name		*Well Number
003083	SEMU		129
*OGRID No.	*Operator Name		*Elevation
005073	CONOCO INC.		3549

¹⁰Surface Location

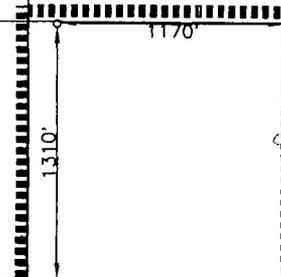
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	13	20-S	37-E		1310	SOUTH	1170	EAST	LEA

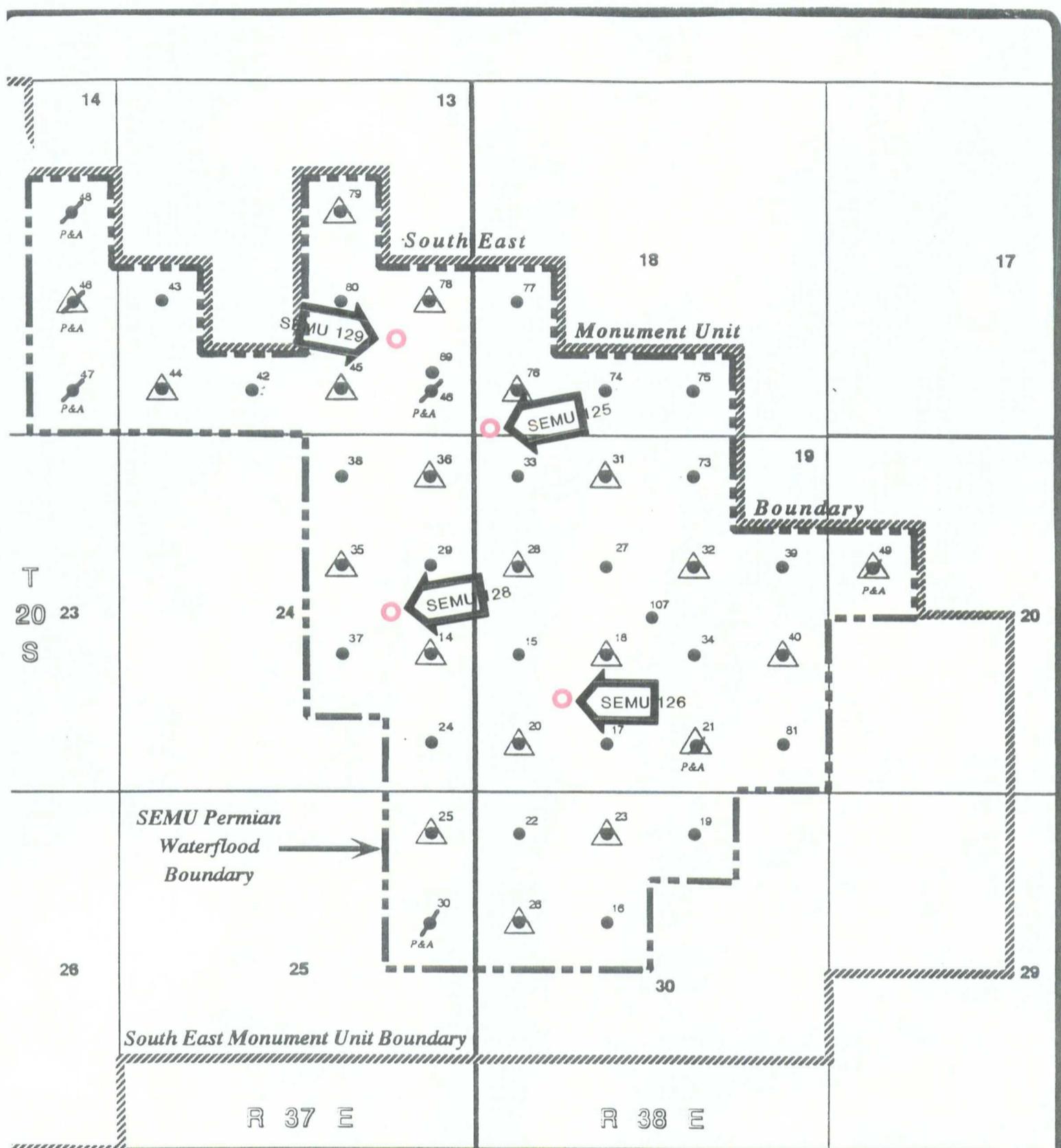
¹¹Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
40			

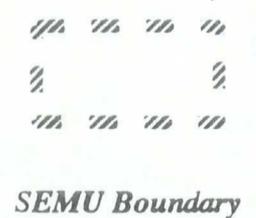
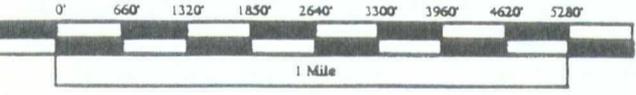
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16				¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature JERRY W. HOOVER Printed Name SR. CONSERVATION COORDINATOR Title 3/26/97 Date	
				¹⁸ SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to best of my belief.</i> JANUARY 16, 1997 Date of Survey Signature and Seal of Professional Surveyor  Certificate Number	
					
				EXHIBIT 4	



Well Legend

- 16 Producing
- ▲ 23 Injection
- ⊗ 30 Plugged & Abandoned
- P&A

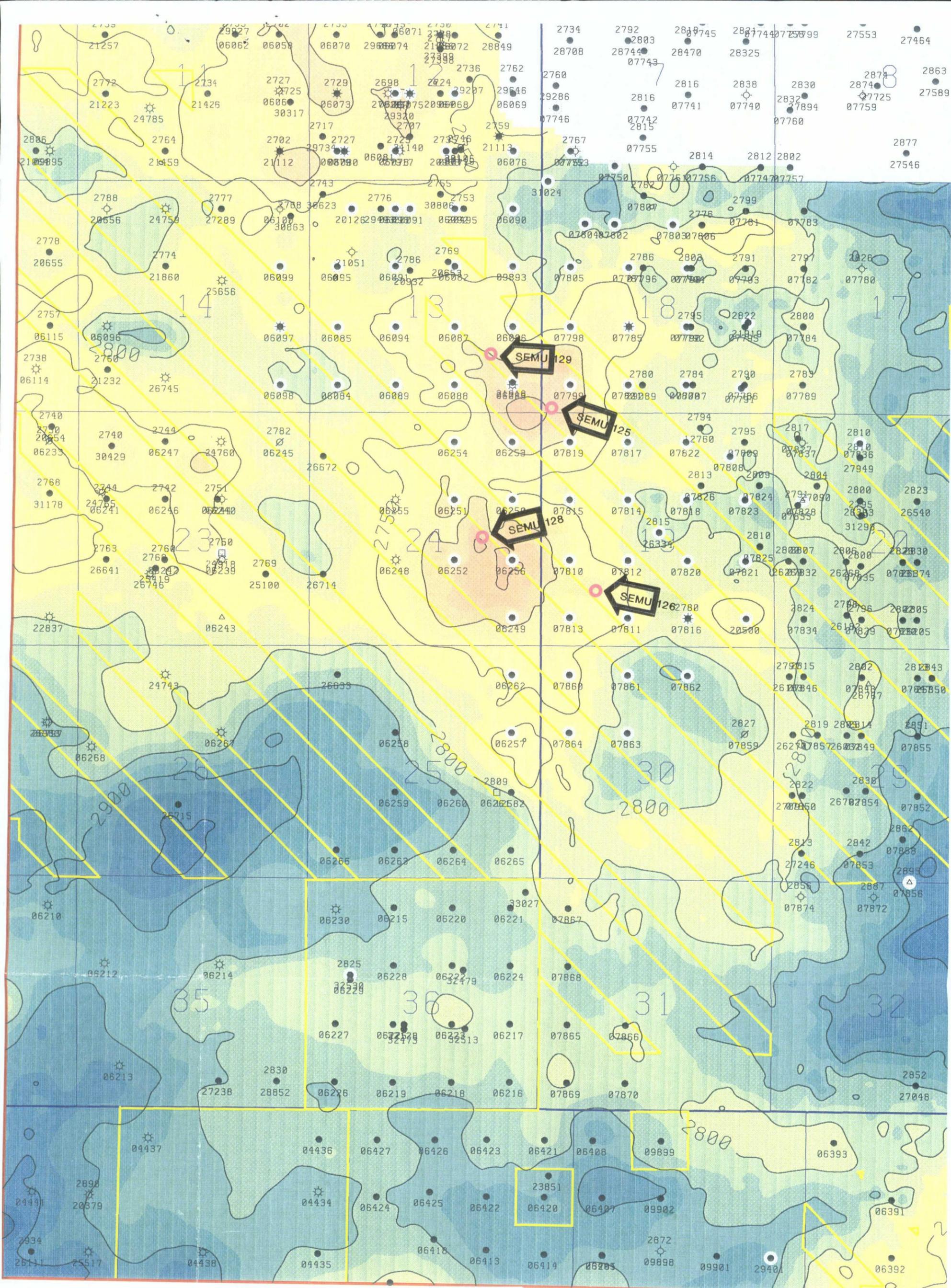


PERMIAN WATERFLOOD
 ("SEMU PERMIAN")
 1800 Acres

SOUTH EAST MONUMENT UNIT
 SKAGGS-GRAYBURG POOL

LEA COUNTY, NEW MEXICO

Map 3. SEMU Permian Waterflood



WHITE CIRCLES INDICATE GRAYBURG PRODUCERS

CONOCO INC.
MIDLAND

TOP OF TUBB

EXHIBIT 6

SCALE 1"=2000'
DRAWN J. COSS
DATE 3-MAR-97

SKAGGS POOL
(Southeast Monument Unit Grayburg Waterflood)
Lea County, New Mexico

Order No. R-1710, Authorizing Continental Oil Company to Institute a Waterflood Project on the Southeast Monument Unit in the Grayburg Formation in the Skaggs Pool, Lea County, New Mexico, June 10, 1960.

Application of Continental Oil Company for an Order Authorizing a Waterflood Project in the Skaggs Pool, Lea County, New Mexico.

CASE NO. 1990
Order No. R-1710

ORDER OF THE COMMISSION

BY THE COMMISSION: This cause came on for hearing at 9 o'clock a.m. on June 22, 1960, at Santa Fe, New Mexico, before Daniel S. Nutter, Examiner, duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 30th day of June, 1960, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Daniel S. Nutter, 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, proposes to institute a waterflood project on its Southeast Monument Unit, Skaggs Pool, by the injection of water into the Grayburg formation through the following-described wells located in Lea County, New Mexico:

- SEMUM Permian Well No. 14, NE/4 SE/4 of Section 24, Township 20 South, Range 37 East.
- SEMUM Permian Well No. 18, NE/4 SW/4 of Section 19
- SEMUM Permian Well No. 20, SW/4 SW/4 of Section 19
- SEMUM Permian Well No. 21, SW/4 SE/4 of Section 19
- SEMUM Permian Well No. 28, SW/4 NW/4 of Section 19
- SEMUM Permian Well No. 23, NE/4 NW/4 of Section 30 all in Township 20 South, Range 38 East.

(3) That the producing wells in the area to be waterflooded have reached an advanced state of depletion and are properly to be classified as "stripper" wells.

(4) That the applicant proposes to inject in an open hole interval through tubing below a packer if injectivity tests establish that this method of injection would be efficient.

(5) That the proposed waterflood project should be authorized and should be governed by the provisions of Rule 701 of the Commission Rules and Regulations, including those provisions regarding allocation of allowables and expansion of the project area.

IT IS THEREFORE ORDERED:

(1) That the applicant be and the same is hereby authorized to institute a waterflood project in the Skaggs Pool by the injection of water into the Grayburg formation through the following-described wells in Lea County, New Mexico:

- SEMUM Permian Well No. 14, NE/4 SE/4 of Section 24, Township 20 South, Range 37 East.
- SEMUM Permian Well No. 18, NE/4 SW/4 of Section 19
- SEMUM Permian Well No. 20, SW/4 SW/4 of Section 19
- SEMUM Permian Well No. 21, SW/4 SE/4 of Section 19
- SEMUM Permian Well No. 28, SW/4 NW/4 of Section 19
- SEMUM Permian Well No. 23, NE/4 NW/4 of Section 30 all in Township 20 South, Range 38 East.

(2) That the applicant be and the same is hereby authorized to inject water into the above-described wells in an open hole interval through 2-inch tubing below a packer.

PROVIDED HOWEVER, That if injection into the open hole interval does not result in satisfactory injectivity rates, then a liner shall be set in each well and injection shall be made through perforations.

PROVIDED FURTHER, That if a corrosion problem is encountered, injection shall be made through plastic-coated tubing.

(3) That the operation of the waterflood project herein authorized shall be governed by the provisions of Rule 701 of the Commission Rules and Regulations, including those provisions regarding allocation of allowables and expansion of the project area.

(4) That monthly progress reports on the waterflood project herein authorized shall be submitted to the Commission in accordance with Rule 704 and 1119 of the Commission Rules and Regulations.

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

CAPROCK-QUEEN POOL
(South Caprock Queen Unit Waterflood)
Lea and Chaves Counties, New Mexico

Order No. R-1729, Authorizing Union Oil Company of California to Institute a Waterflood Project in the South Caprock Queen Unit in the Caprock-Queen Pool, Lea and Chaves Counties, New Mexico, August 4, 1960, as Amended by Order No. R-1729-A, March 9, 1961.

Application of Union Oil Company of California for an Order Authorizing a Waterflood Project in the Caprock-Queen Pool, Lea and Chaves Counties, New Mexico, and for an Unorthodox Injection Well Location.

CASE NO. 203:
Order No. R-1729

ORDER OF THE COMMISSION

BY THE COMMISSION: This cause came on for hearing at 9 o'clock a.m. on July 27, 1960, at Santa Fe, New Mexico, before Daniel S. Nutter, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 4th day of August, 1960, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner Daniel S. Nutter, 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.

(LOVINGTON, NORTHEAST-PENNSYLVANIAN POOL -
Cont'd.)

proposed 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 operators offsetting the proposed locating or if no objection to the unorthodox location has been entered 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 6.67 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 the locations of all wells presently drilling to or completed in the Northeast Lovington-Pennsylvanian Pool or in the Pennsylvanian formation within one mile thereof are hereby approved; that the operator of any well having an unorthodox location shall notify the Hobbs District Office of the Commission in writing of the name and location of the well on or before September 1, 1969.

(2) That, pursuant to Paragraph A. of Section 65-3-14.5, NMSA 1953, contained in Chapter 271, Laws of 1969, existing wells in the Northeast Lovington-Pennsylvanian Pool shall have dedicated thereto 80 acres in accordance with the foregoing rules; or, pursuant to Paragraph C. of said Section 3-14.5, existing wells may have non-standard spacing or production units established by the Commission and dedicated thereto.

Failure to file new Forms C-102 with the Commission dedicating 80 acres to a well or to obtain a non-standard unit approved by the Commission within 60 days from the effective date of this order shall subject the well to cancellation of allowable. Until said Form C-102 has been filed or until a non-standard unit has been approved, and subject to said 60-day limitation, each well presently drilling to or completed in the Northeast Lovington-Pennsylvanian Pool or in the Pennsylvanian formation within one mile thereof shall receive no more than one-half of a standard allowable for the pool.

(3) That this case shall be reopened at an examiner hearing in August, 1970, at which time the operators in the subject pool may appear and show cause why the Northeast Lovington-Pennsylvanian Pool should not be developed on 40-acre spacing units.

(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.

WEIR-DRINKARD POOL
(Gas-Oil Ratio)
Lea County, New Mexico

Order No. R-4803, Adopting a Gas-Oil Ratio Rule for the Weir-Drinkard Pool, Lea County, New Mexico, July 1, 1974.

Application of Continental Oil Company for a Special Gas-Oil Ratio Limitation, Lea County, New Mexico.

CASE NO. 5243
Order No. R-4803

ORDER OF THE COMMISSION

BY THE COMMISSION: This cause came on for hearing at 9 a.m. on May 22, 1974, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 4th day of June, 1974, 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, as an exception to Rule 506 of the Commission Rules and Regulations, a limiting gas-oil ratio of 10,000 cubic feet of gas per barrel of oil in the Weir-Drinkard Pool, Lea County, New Mexico.

(3) That the reservoir characteristics of the subject pool justify the establishment of a gas-oil limitation of 10,000 cubic feet of gas per barrel of liquid hydrocarbons.

(4) That in order to afford to the owner of each property in the Weir-Drinkard Pool the opportunity to produce his just and equitable share of the oil and gas in the subject pool and for this purpose to use his just and equitable share of the reservoir energy, a limiting gas-oil ratio of 10,000 cubic feet of gas per barrel of liquid hydrocarbons should be established for the pool.

IT IS THEREFORE ORDERED:

(1) That effective July 1, 1974, the limiting gas-oil ratio in the Weir-Drinkard Pool, Lea County, New Mexico, shall be 10,000 cubic feet of gas for each barrel of liquid hydrocarbons produced; that, effective July 1, 1974, each proration unit in the Weir-Drinkard Pool shall produce only that volume of gas equivalent to 10,000 multiplied by the top unit allowable for the pool.

(2) 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.

**EAST WEIR-BLINEBRY POOL
(Gas-Oil Ratio)
Lea County, New Mexico**

Order No. R-9630, Adopting a Gas-Oil Ratio Rule for the East Weir-Blinebry Pool, Lea County, New Mexico, February 1, 1992.

Application of Texaco Exploration and Producing, Inc. for Special Pool Rules, Lea County, New Mexico.

CASE NO. 10431
Order No. R-9630

ORDER OF THE DIVISION

BY THE DIVISION: This cause came on for hearing at 8:15 a.m. on December 19, 1991, at Santa Fe, New Mexico, before Examiner Michael E. Stogner.

NOW, on this 27th day of January, 1992 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) The applicant, Texaco Exploration and Producing, Inc., seeks an order promulgating special rules and regulations for the East Weir-Blinebry Pool in Sections 1, 11, 12 and 13, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico, to include a provision for a gas-oil ratio limitation of 10,000 cubic feet of gas per barrel of oil.

(3) The East Weir-Blinebry Pool, created and defined by Division Order No. R-2221, as amended, is currently governed by General State-wide Rules and Regulations with a depth bracket allowable of 107 barrels of oil per day and a limiting gas-oil ratio of 2,000 cubic feet of gas per barrel of oil which result in a casinghead gas allowable of 214 MCF per day.

(4) Said pool was initially a solution gas drive reservoir discovered in 1962.

(5) Evidence presented at the hearing indicates that at this stage of development, wells in said pool may now be operated at the limiting gas-oil ratio of 10,000 to 1 without waste.

(6) There was no opposition by any operator in the area or by any interested party in the pool to increase the gas-oil ratio limit to 10,000 to 1.

(7) In order to afford the owner of each property in the East Weir-Blinebry Pool the opportunity to produce his just and equitable share of the oil and gas in the subject pool and for this purpose to use his just and equitable share of the reservoir energy, a limiting gas-oil ratio of 10,000 cubic feet of gas per barrel of liquid hydrocarbons should be established for said pool.

IT IS THEREFORE ORDERED THAT:

(1) Effective February 1, 1992, Special Rules and Regulations for the East Weir-Blinebry Pool, Lea County, New Mexico, are hereby promulgated as follows:

**SPECIAL RULES AND REGULATIONS FOR
THE EAST WEIR-BLINEBRY POOL**

Rule 1. The limiting gas-oil ratio for said East Weir-Blinebry Pool shall be 10,000 cubic feet of gas per barrel of oil produced.

(2) Jurisdiction of this cause is 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.

(SEVEN LAKES-MENEFEE POOL - Cont'd.)

RULE 1. Each well completed or recompleted in the Seven Lakes-Menefee Oil Pool or in the Menefee formation within one mile thereof, and not nearer to or within the limits of another designated Menefee oil pool, shall be located no nearer than 25 feet to the outer boundary of the quarter-quarter section on which it is located; provided, however, that in no event shall said well or wells be completed or recompleted nearer than 165 feet to the boundary of acreage owned by an offset operator.

(2) That jurisdiction of this cause is 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.

SKAGGS-DRINKARD POOL
(Gas-Oil Ratio)
Lea County, New Mexico

Order No. R-7020, Adopting a Gas-Oil Ratio Rule for the Skaggs-Drinkard Pool, Lea County, New Mexico, July 1, 1982.

Application of Texaco Inc. for Special Pool Rules, Lea County, New Mexico.

CASE NO. 7611
Order No. R-7020

ORDER OF THE DIVISION

BY THE DIVISION: This cause came on for hearing at 9 a.m. on June 23, 1982, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 2nd day of July, 1982, the Division Director, 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 Division has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Texaco Inc., seeks the promulgation of special rules for the Skaggs-Drinkard Pool, Lea County, New Mexico, including a special gas-oil limitation of 10,000 cubic feet of gas per barrel of oil.

(3) That the reservoir characteristics of the subject pool presently available justify the establishment of a gas-oil ratio limitation of 10,000 cubic feet of gas per barrel of liquid hydrocarbons.

(4) That in order to afford the owner of each property in the Skaggs-Drinkard Pool the opportunity to produce his just and equitable share of the oil and gas in the subject pool and for this purpose to use his just and equitable share of the reservoir energy, a limiting gas-oil ratio of 10,000 cubic feet of gas per barrel of liquid hydrocarbons should be established for the subject pool.

IT IS THEREFORE ORDERED:

(1) That, effective July 1, 1982, Special Rules and Regulations for the Skaggs-Drinkard Pool, Lea County, New Mexico, are hereby promulgated as follows:

SPECIAL RULES AND REGULATIONS
FOR THE
SKAGGS-DRINKARD POOL

RULE 1. That the limiting gas-oil ratio for said Skaggs-Drinkard Pool shall be 10,000 cubic feet of gas for each barrel of oil produced.

(2) That jurisdiction of this cause is 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.

PETERSON-MISSISSIPPIAN POOL
(Rules Rescinded)
Roosevelt County, New Mexico

Order No. R-6764-A, Rescinding the Temporary Operating Rules Adopted for the Peterson-Mississippian Pool, Roosevelt County, New Mexico, February 8, 1983.

In the Matter of Case 7321 Being Reopened Pursuant to the Provisions of Order No. R-6764, Which Order Promulgated Temporary Special Rules and Regulations for the Peterson-Mississippian Pool, Roosevelt County, New Mexico, Including a Provision for 80-Acre Proration Units.

CASE NO. 7321
Order No. R-6764-A

ORDER OF THE DIVISION

BY THE DIVISION: This cause came on for hearing at 9 a.m. on February 2, 1983, at Santa Fe, New Mexico, before Examiner Michael E. Stogner.

NOW, on this 8th day of February, 1983, the Division Director, 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 Division has jurisdiction of this cause and the subject matter thereof.

(2) That by Order No. R-6764, dated August 26, 1981, temporary Special Rules and Regulations were promulgated for the Peterson-Mississippian Pool, Roosevelt County, New Mexico, establishing temporary 80-acre spacing units.

SOUTHEAST MONUMENT UNIT AREA

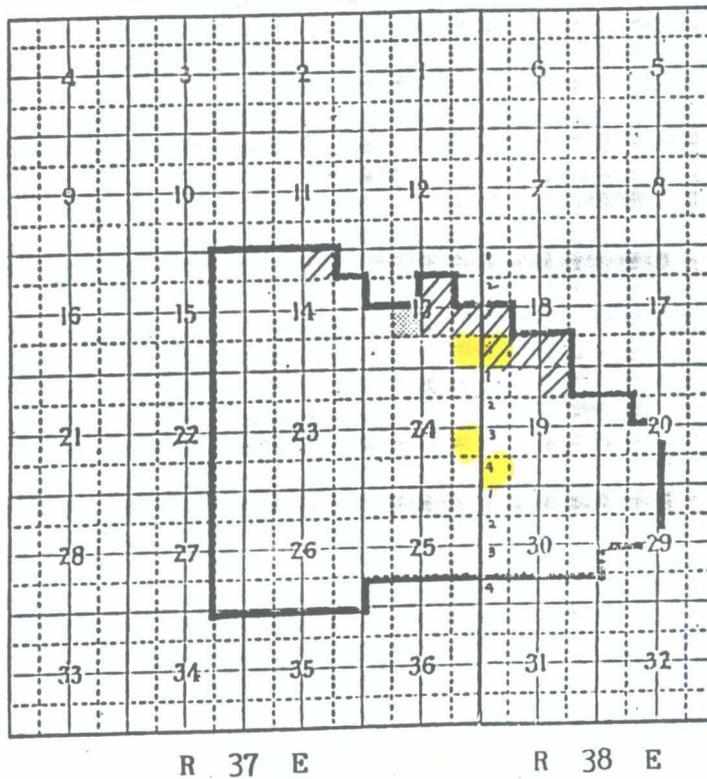
No. I-Sec. No. 321

APPROVED: December 16, 1939

EFFECTIVE: January 1, 1940

EXPLORATORY
DEVELOPED TO WATERFLOOD
Lea County, New Mexico


gulram, inc.
 petroleum engineering and government regulation consultants



Federal Lands 5,082.66 acres

 -Land Automatically Eliminated, effective December 5, 1947

 -Enlargement Effective January 1, 1960

Unit Area - Federal Lands 5,403.58 acres

CMD :
OG6IWCM

ONGARD
INQUIRE WELL COMPLETIONS

04/29/97 15:06:56
OGOMES -EMEW

API Well No : 30 25 6249 Eff Date : 01-01-1900 WC Status : A
Pool Idn : 57380 SKAGGS;GRAYBURG
OGRID Idn : 5073 CONOCO INC
Prop Idn : 3083 SEMU PERMIAN

Well No : 024
GL Elevation: 99999

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
	---	---	-----	-----	-----	-----	-----
B.H. Locn	: P	24	20S	37E	FTG 999 F S	FTG 999 F E	P

Lot Identifier:
Dedicated Acre: 40.00
Lease Type : F
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll

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

Sec : 13 Twp : 20S Rng : 37E Section Type : NORMAL

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

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06
PF07 BKWD PF08 FWD PF09 PRINT PF10 SDIV PF11 PF12

CMD :
OG6IWCM

ONGARD
INQUIRE WELL COMPLETIONS

04/29/97 15:07:38
OGOMES -EMEW

API Well No : 30 25 21918 Eff Date : 01-01-1900 WC Status : A
Pool Idn : 57380 SKAGGS;GRAYBURG
OGRID Idn : 5073 CONOCO INC
Prop Idn : 3083 SEMU PERMIAN

Well No : 089
GL Elevation: 99999

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
	---	---	-----	-----	-----	-----	-----
B.H. Locn	: P	13	20S	37E	FTG 999 F S	FTG 999 F E	P
Lot Identifier:							
Dedicated Acre:		40.00					
Lease Type	: F						
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O)							

M0025: Enter PF keys to scroll

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

Sec : 24 Twp : 20S Rng : 37E Section Type : NORMAL

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

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06
PF07 BKWD PF08 FWD PF09 PRINT PF10 SDIV PF11 PF12

Sec : 18 Twp : 20S Rng : 38E Section Type : NORMAL

3 40.47 Federal owned A	K 40.00 Fee owned	J 40.00 Fee owned A A	I 40.00 Fee owned A A
4 40.45 Federal owned A	N 40.00 Federal owned A A	O 40.00 Federal owned A A	P 40.00 Fee owned A A

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06
PF07 BKWD PF08 FWD PF09 PRINT PF10 SDIV PF11 PF12

CMD :
OG6IWCM

ONGARD
INQUIRE WELL COMPLETIONS

04/29/97 12:49:10
OGOMES -EMEW

API Well No : 30 25 7799 Eff Date : 01-01-1900 WC Status : A
Pool Idn : 57380 SKAGGS;GRAYBURG
OGRID Idn : 5073 CONOCO INC
Prop Idn : 3083 SEMU PERMIAN

Well No : 076
GL Elevation: 3537

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
B.H. Locn	: 4	18	20S	38E	FTG 660 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) :

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

Sec : 19 Twp : 20S Rng : 38E Section Type : NORMAL

3 40.42 Federal owned A	K 40.00 Federal owned A A	J 40.00 Federal owned A A	I 40.00 Federal owned A A
4 40.40 Federal owned A	N 40.00 Federal owned A	O 40.00 Federal owned A	P 40.00 Federal owned A

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06
PF07 BKWD PF08 FWD PF09 PRINT PF10 SDIV PF11 PF12

CMD :
OG6IWCM

ONGARD
INQUIRE WELL COMPLETIONS

04/29/97 12:50:01
OGOMES -EMEW

API Well No : 30 25 7813 Eff Date : 11-30-1994 WC Status : A
Pool Idn : 57380 SKAGGS;GRAYBURG
OGRID Idn : 5073 CONOCO INC
Prop Idn : 3083 SEMU PERMIAN

Well No : 020
GL Elevation: 3545

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
	---	---	-----	-----	-----	-----	-----
B.H. Locn	: 4	19	20S	38E	FTG 660 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) :

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

CMD :
OG6IWCM

ONGARD
INQUIRE WELL COMPLETIONS

04/29/97 12:50:42
OGOMES -EMEW

API Well No : 30 25 6256 Eff Date : 06-01-1990 WC Status : A
Pool Idn : 57380 SKAGGS;GRAYBURG
OGRID Idn : 5073 CONOCO INC
Prop Idn : 3083 SEMU PERMIAN

Well No : 014
GL Elevation: 99999

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
B.H. Locn	: I	24	20S	37E	FTG 1980 F S	FTG 660 F E	P

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

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

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

CASE No. 3123
Order No. R-2800

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

-4-

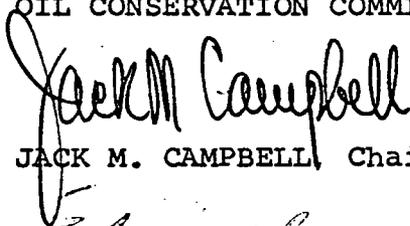
CASE No. 3123
Order No. R-2800

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

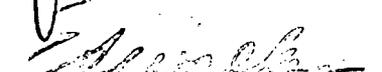
(3) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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/

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.

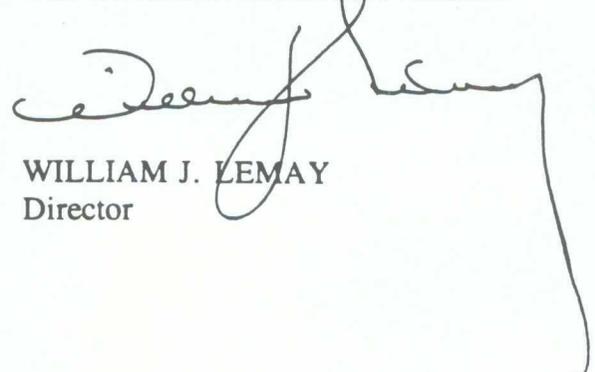
IT IS THEREFORE ORDERED THAT:

(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

SOUTHEAST MONUMENT UNIT AREA

No. I-Sec. No. 321

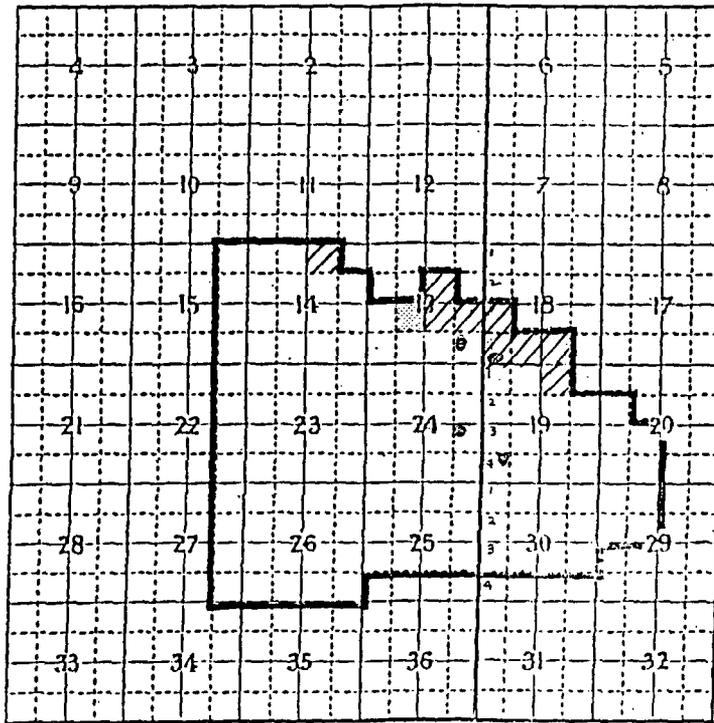
APPROVED: December 16, 1939

EFFECTIVE: January 1, 1940

EXPLORATORY
DEVELOPED TO WATERFLOOD

Lea County, New Mexico


Gulram, inc.
 petroleum engineering and government regulation consultants



20S - 37E

13: SW¹/₄ NE¹/₄ and
W¹/₂ SW¹/₄, SE¹/₄ SW¹/₄
and SE¹/₄

14: W¹/₂ NE¹/₄, SE¹/₄ NE¹/₄
W¹/₂, and SE¹/₄

15: E¹/₂ E¹/₂

22: E¹/₂ E¹/₂

23 + 24: A11

25: N¹/₂ and N¹/₂ S¹/₂

26: A11

27: E¹/₂ E¹/₂

T
20
S

R 37 E R 38 E

Federal Lands 5,082.66 acres

 Land Automatically Eliminated, effective December 5, 1947

 Enlargement Effective January 1, 1960

Unit Area - Federal Lands 5,403.58 acres

20S - 38E
~~lots 3 and 4~~

18: ~~lots 3 and 4~~, SE¹/₄ SW¹/₄, and
SW¹/₄ SW¹/₄

19: lots 1 through 4, W¹/₂ NE¹/₄,
SE¹/₄ NE¹/₄, E¹/₂ W¹/₂, and SE¹/₄

20: SW¹/₄ NW¹/₄ and SW¹/₄

29: NW¹/₄

30: lot 1, 2, 3, NE¹/₄, E¹/₂ NW¹/₄, NE¹/₄ SW¹/₄ and N¹/₂ SE¹/₄

Unit Name: Southeast Monument
Contract Number: I-Sec. No. 321
Automatic Elimination Date: None
Operator: Conoco, Inc.

PARTICIPATING AREAS (PA)

Name: Initial Upper Permian

Well Name: SEM #1-24, SEM #1-19, SEM #1-30

Location: NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 24; NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 19, T. 20 S., R. 37 E.; SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 30, T. 20 S., R. 38 E.

Legal PA Description: S $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ Sec. 24, N $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 25, T. 20 S., R. 37 E.;
Lots 2,3,4, SE $\frac{1}{4}$ NE $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 19, Lots 1,2,3, E $\frac{1}{2}$ NW $\frac{1}{4}$,
W $\frac{1}{2}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$ Sec. 30, T. 20 S., R. 38 E.

Effective Date: January 1, 1940

PA Total Acres: 962.22

Name: 1st Revision Upper Permian

Well Name: Southeast Monument Unit No. 17

Location: SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 19, T. 20 S., R. 38 E.

Legal PA Description: W $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 19, T. 20 S., R. 38 E. - 80.00 acres

Effective Date: November 1, 1949

PA Total Acres: 1,042.22

Name: 2nd Revision Upper Permian

Well Name: Southeast Monument Unit No. 18

Location: NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 19, T. 20 S., R. 38 E.

Legal PA Description: SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 19, T. 20 S., R. 38 E. - 40.00 acres

Effective Date: March 1, 1950

PA Total Acres: 1,082.22

Name: 3rd Revision Upper Permian

Well Name: Southeast Monument Unit No. 73

Location: NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 19, T. 20 S., R. 38 E.

Legal PA Description: SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 19, E $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 30, T. 20 S., R. 38 E. - 120.00
acres

Effective Date: April 1, 1950

PA Total Acres: 1,202.22

(Continued)



Unit Name: Southeast Monument

PARTICIPATING AREAS (PA)

Name: 4th Revision Upper Permian

Well Name: Southeast Monument Unit No. 21

Location: SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 19, T. 20 S., R. 38 E.

Legal PA Description: NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 19, T. 20 S., R. 38 E. - 40.00 acres

Effective Date: July 1, 1950

PA Total Acres: 1,242.22

Name: 5th Revision Upper Permian

Well Name: Southeast Monument Unit No. 25

Location: NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 25, T. 20 S., R. 37 E.

Legal PA Description: SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 25, T. 20 S., R. 37 E. - 40.00 acres

Effective Date: February 1, 1951

PA Total Acres: 1,282.22

Name: 6th Revision Upper Permian

Well Name: Southeast Monument Unit No. 16

Location: Lot 2, Sec. 30, T. 20 S., R. 38 E.

Legal PA Description: NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 25, T. 20 S., R. 37 E. - 40.00 acres

Effective Date: March 1, 1951

PA Total Acres: 1,322.22

Name: 7th Revision Upper Permian

Well Name: Southeast Monument Unit No. 27

Location: SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 19, T. 20 S., R. 38 E.

Legal PA Description: Lot 1, NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 19, T. 20 S., R. 38 E. - 80.44 acres

Effective Date: April 1, 1951

PA Total Acres: 1,402.66

(Continued)



Unit Name: Southeast Monument

PARTICIPATING AREAS (PA)

Name: 8th Revision Upper Permian

Well Name: Southeast Monument Unit No. 28

Location: Lot 2, Sec. 19, T. 20 S., R. 38 E.

Legal PA Description: NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 24, T. 20 S., R. 37 E. - 40.00 acres

Effective Date: May 1, 1951

PA Total Acres: 1,442.66

Name: 9th Revision Upper Permian

Well Name: Southeast Monument Unit No. 29

Location: SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 24, T. 20 S., R. 37 E.

Legal PA Description: NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 24, T. 20 S., R. 37 E. - 40.00 acres

Effective Date: June 1, 1951

PA Total Acres: 1,482.66

Name: 10th Revision Upper Permian

Well Name: Southeast Monument Unit No. 30

Location: SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 25, T. 20 S., R. 37 E.

Legal PA Description: NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 25, T. 20 S., R. 37 E. - 40.00 acres

Effective Date: June 1, 1951

PA Total Acres: 1,522.66

Name: 11th Revision Upper Permian

Well Name: Southeast Monument Unit No. 32, 39

Location: SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 19, SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 19, T. 20 S., R. 38 E.

Legal PA Description: SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 19, T. 20 S., R. 38 E. - 40.00 acres

Effective Date: October 1, 1951

PA Total Acres: 1,562.66

(Continued)



Unit Name: Southeast Monument

PARTICIPATING AREAS (PA)

Name: 12th Revision Upper Permian

Well Name: Southeast Monument Unit No. 41, 36, 33

Location: SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 13, NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 24, T. 20 S., R. 37 E., Lot 1,
Sec. 19 T. 20 S., R. 38 E.

Legal PA Description: SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 13, T. 20 S., R. 37 E. - 40.00 acres

Effective Date: October 1, 1951

PA Total Acres: 1,602.66

Name: 13th Revision Upper Permian

Well Name: Southeast Monument Unit No. 35, 37, 38

Location: SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 24, NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 24, NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 24, T. 20 S., R. 37 E.

Legal PA Description: SW $\frac{1}{4}$ SE $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 13, E $\frac{1}{2}$ W $\frac{1}{2}$ Sec. 24, T. 20 S.,
R. 37 E. - 240.00 acres

Effective Date: November 1, 1951

PA Total Acres: 1,842.66

Name: 14th Revision Upper Permian

Well Name: Southeast Monument Unit No. 42

Location: SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 13, T. 20 S., R. 37 E.

Legal PA Description: W $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 13, NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 24, T. 20 S., R. 37 E. - 120.00
acres

Effective Date: February 1, 1954

PA Total Acres: 1,962.66

Name: 15th Revision Upper Permian

Well Name: Southeast Monument Unit No. 43, 44

Location: NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 13, SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 13, T. 20 S., R. 37 E.

Legal PA Description: SE $\frac{1}{4}$ NE $\frac{1}{4}$ E $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 14, NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 23, T. 20 S., R. 37 E. -
160.00 acres

Effective Date: March 1, 1954

PA Total Acres: 2,122.66

(Continued)



Unit Name: Southeast Monument

PARTICIPATING AREAS (PA)

Name: 16th Revision Upper Permian

Well Name: Southeast Monument Unit No. 46

Location: NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 14, T. 20 S., R. 37 E.

Legal PA Description: W $\frac{1}{2}$ SE $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 14, T. 20 S., R. 37 E. - 120.00 acres

Effective Date: May 1, 1954

PA Total Acres: 2,242.66

Name: 17th Revision Upper Permian

Well Name: Southeast Monument Unit No. 47

Location: SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 14, T. 20 S., R. 37 E.

Legal PA Description: NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 23, T. 20 S., R. 37 E. - 40.00 acres

Effective Date: June 1, 1954

PA Total Acres: 2,282.66

Name: 18th Revision Upper Permian

Well Name: Southeast Monument Unit No. 79, 78, 80, 74, 76, 75, 77, 73

Location: SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 13, NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 13, NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 13, T. 20 S., R. 37 E.
SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 18, Lot 4, Sec. 18, SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18, Lot 3, Sec. 18,
NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 18, T. 20 S., R. 38 E.

Legal PA Description: N $\frac{1}{2}$ SE $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 13, T. 20 S., R. 37 E., Lots 3,4,
SE $\frac{1}{4}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18, NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 19, T. 20 S., R. 38 E. -
320.92 acres

Effective Date: January 1, 1960

PA Total Acres: 2,603.58



Unit Name: Southeast Monument
Contract Number: I-Sec. No. 321
Automatic Elimination Date: None
Operator: Conoco, Inc.

PARTICIPATING AREAS (PA)

Name: Initial Pennsylvanian

Well Name: Southeast Monument Unit No. 2,3

Location: SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 23, NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 23, T. 20 S., R. 37 E.

Legal PA Description: E $\frac{1}{2}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 22, NW $\frac{1}{4}$, N $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 23, T. 20 S., R. 37 E.

Effective Date: December 20, 1944

PA Total Acres: 360.00

Name: 1st Revision Pennsylvanian

Well Name: Southeast Monument Unit No. 4

Location: SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 23, T. 20 S., R. 37 E.

Legal PA Description: W $\frac{1}{2}$ NE $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 23, T. 20 S., R. 37 E. - 120.00 acres

Effective Date: April 1, 1947

PA Total Acres: 480.00



Unit Name: Southeast Monument
Contract Number: I-Sec. No. 321
Automatic Elimination Date: None
Operator: Conoco, Inc.

PARTICIPATING AREAS (PA)

Name: Initial Simpson-McKee
Well Name: Southeast Monument Unit No. 10
Location: SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 29, T. 20 S., R. 38 E.
Legal PA Description: NW $\frac{1}{4}$ Sec. 29, T. 20 S., R. 38 E.
Effective Date: July 5, 1949
PA Total Acres: 160.00

Name: 1st Revision Simpson-McKee
Well Name: Southeast Monument Unit No. 13
Location: SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 20, T. 20 S., R. 38 E.
Legal PA Description: SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 19, S $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 20, NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 30, T. 20 S.,
R. 38 E. - 160.00 acres
Effective Date: April 1, 1950
PA Total Acres: 320.00

Name: 2nd Revision Simpson-McKee
Well Name: Southeast Monument Unit No. 50
Location: NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 20, T. 20 S., R. 38 E.
Legal PA Description: SE $\frac{1}{4}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 19, SW $\frac{1}{4}$ NW $\frac{1}{4}$, N $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 20, T. 20 S.,
R. 38 E. - 200.00 acres
Effective Date: September 1, 1956
PA Total Acres: 520.00

Name: 3rd Revision Simpson-McKee
Well Name: Southeast Monument Unit No. 63
Location: SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 19, T. 20 S., R. 38 E.
Legal PA Description: SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 19, T. 20 S., R. 38 E. - 40.00 acres
Effective Date: March 1, 1958
PA Total Acres: 560.00

(Continued)



Unit Name: Southeast Monument

PARTICIPATING AREAS (PA)

Name: 4th Revision Simpson-McKee

Well Name: Southeast Monument Unit No. 71, 72

Location: SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18, NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 19, T. 20 S., R. 38 E.

Legal PA Description: SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18, NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 19, T. 20 S., R. 38 E. -
80.00 acres

Effective Date: January 1, 1960

PA Total Acres: 640.00



Unit Name: Southeast Monument
Contract Number: I-Sec. No. 321
Automatic Elimination Date: None
Operator: Conoco, Inc.

PARTICIPATING AREAS (PA)

Name: Initial Yeso-Leonard (Drinkard)
Well Name: Southeast Monument Unit No. 9
Location: SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 23, T. 20 S., R. 37 E.
Legal PA Description: S $\frac{1}{2}$ NW $\frac{1}{4}$, N $\frac{1}{2}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$ Sec. 23, N $\frac{1}{2}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ NW $\frac{1}{4}$
Sec. 26, T. 20 S., R. 37 E.
Effective Date: January 1, 1947
PA Total Acres: 480.00

Name: 1st Revision Yeso-Leonard (Drinkard)
Well Name: Southeast Monument Unit No. 70
Location: NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 15, T. 20 S., R. 37 E.
Legal PA Description: SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 14, E $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 15, NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 23, T. 20 S.,
R. 37 E. - 160.00 acres
Effective Date: February 1, 1960
PA Total Acres: 640.00

Name: Initial Drinkard "A"
Well Name: Southeast Monument No. 71 (Recompletion)
Location: SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18, T. 20 S., R. 38 E.
Legal PA Description: SW $\frac{1}{4}$ SE $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 18, and NW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 19, T. 20 S., R. 38 E.
Effective Date: January 2, 1985
PA Total Acres: 120.00



Unit Name: Southeast Monument
Contract Number: I-Sec. No. 321
Automatic Elimination Date: None
Operator: Conoco, Inc.

PARTICIPATING AREAS (PA)

Name: Initial Tubb

Well Name: Southeast Monument Unit No. 70

Location: NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 15, T. 20 S., R. 37 E.

Legal PA Description: E $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 15, T. 20 S., R. 37 E.

Effective Date: February 4, 1960

PA Total Acres: 80.00

Name: 1st Revision Tubb

Well Name: Southeast Monument Unit No. 84

Location: NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 22, T. 20 S., R. 37 E.

Legal PA Description: E $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 22, W $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 23, T. 20 S., R. 37 E. - 160.00
acres

Effective Date: September 1, 1964

PA Total Acres: 240.00

Name: 2nd Revision Tub

Well Name: Southeast Monument Unit No. 85

Location: SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 15, T. 20 S., R. 37 E.

Legal PA Description: E $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 15, T. 20 S., R. 37 E. - 80.00 acres

Effective Date: October 1, 1964

PA Total Acres: 320.00

Name: 3rd Revision Tubb

Well Name: Southeast Monument Unit No. 86

Location: NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 14, T. 20 S., R. 37 E.

Legal PA Description: W $\frac{1}{2}$ W $\frac{1}{2}$ Sec. 14, T. 20 S., R. 37 E. - 160.00 acres

Effective Date: December 1, 1964

PA Total Acres: 480.00

(Continued)



gulram, inc.

petroleum engineering and government regulation consultants

Unit Name: Southeat Monument

PARTICIPATING AREAS (PA)

Name: 4th Revision Tubb

Well Name: Southeast Monument Unit No. 88

Location: SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 14, T. 20 S., R. 37 E.

Legal PA Description: E $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 14, T. 20 S., R. 37 E. - 80.00 acres

Effective Date: October 1, 1966

PA Total Acres: 560.00



Unit Name: Southeast Monument
Contract Number: I-Sec. No. 321
Automatic Elimination Date: None
Operator: Conoco, Inc.

PARTICIPATING AREAS (PA)

Name: Initial Tubb "A"
Well Name: Southeast Monument Unit No. 100, 104
Location: SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 20, NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 20, T. 20 S., R. 38 E.
Legal PA Description: E $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 20, T. 20 S., R. 38 E.
Effective Date: February 13, 1979
PA Total Acres: 80.00

Name: 1st Revision Tubb "A"
Well Name: Southeast Monument Unit No. 113
Location: SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 20, T. 20 S., R. 38 E.
Legal PA Description: SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 20 S., R. 38E. - 40.00 acres
Effective Date: June 1, 1981
PA Total Acres: 120.00



Unit Name: Southeast Monument
Contract Number: I-Sec. No. 321
Automatic Elimination Date: None
Operator: Conoco, Inc.

PARTICIPATING AREAS (PA)

Name: Initial Blinebry
Well Name: Southeast Monument Unit No. 58,99
Location: NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 29, SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 29, T. 20 S., R. 38 E.
Legal PA Description: S $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 20, NW $\frac{1}{4}$ Sec. 29, T. 20 S., R. 38 E.
Effective Date: November 21, 1977
PA Total Acres: 240.00

Name: 1st Revision Blinebry
Well Name: Southeast Monument Unit No. 104
Location: NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 20, T. 20 S., R. 38 E.
Legal PA Description: NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 20, T. 20 S., R. 38E. - 40.00 acres
Effective Date: June 1, 1979
PA Total Acres: 280.00



Unit Name: Southeast Monument
Contract Number: I-Sec. No. 321
Automatic Elimination Date: None
Operator: Conoco, Inc.

PARTICIPATING AREAS (PA)

Name: Initial Devonian

Well Name: Southeast Monument Unit No. 10

Location: SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 29, T. 20 S., R. 38 E.

Legal PA Description: SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 29, T. 20 S., R. 38 E.

Effective Date: January 10, 1971

PA Total Acres: 40.00



Unit Name: Southeast Monument
Contract Number: I-Sec. No. 321
Automatic Elimination Date: None
Operator: Conoco, Inc.

PARTICIPATING AREAS (PA)

Name: Initial Eumont
Well Name: Southeast Monument Unit No. 64, 65
Location: SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 26, NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 26, T. 20 S., R. 37 E.
Legal PA Description: All Sec. 26, E $\frac{1}{2}$ E $\frac{1}{2}$ Sec. 27, T. 20 S., R. 37 E.
Effective Date: August 5, 1955
PA Total Acres: 800.00

Name: 1st Revision Eumont
Well Name: Southeast Monument Unit No. 66
Location: NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 14, T. 20 S., R. 37 E.
Legal PA Description: W $\frac{1}{2}$ Sec. 14, E $\frac{1}{2}$ E $\frac{1}{2}$ Sec. 15, E $\frac{1}{2}$ E $\frac{1}{2}$ Sec. 22, All Sec. 23,
T. 20 S., R. 37 E. - 1,280.00 acres
Effective Date: June 1, 1956
PA Total Acres: 2,080.00

Name: 2nd Revision Eumont
Well Name: Southeast Monument Unit No. 52
Location: SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 25, T. 20 S., R. 37 E.
Legal PA Description: NW $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$, W $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 25, T. 20 S., R. 37 E. -
360.00 acres
Effective Date: July 1, 1956
PA Total Acres: 2,440.00

Name: 3rd Revision Eumont
Well Name: Southeast Monument Unit No. 46
Location: NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 14, T. 20 S., R. 37 E.
Legal PA Description: S $\frac{1}{2}$ SW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 13, SE $\frac{1}{4}$, S $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 14, T. 20 S.,
R. 37 E. - 360.00 acres
Effective Date: October 1, 1956
PA Total Acres: 2,800.00

(Continued)



Unit Name: Southeast Monument

PARTICIPATING AREAS (PA)

Name: 4th Revision Eumont

Well Name: Southeast Monument Unit No. 56

Location: NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 25, T. 20 S., R. 37 E.

Legal PA Description: NE $\frac{1}{4}$ SE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 25, T. 20 S., R. 37 E. - 80.00 acres

Effective Date: February 1, 1957

PA Total Acres: 2,880.00

Name: 5th Revision Eumont

Well Name: Southeast Monument Unit No. 67

Location: NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 24, T. 20 S., R. 37 E.

Legal PA Description: All Sec. 24, NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 25, T. 20 S., R. 37 E. - 680.00 acres

Effective Date: May 1, 1957

PA Total Acres: 3,560.00

Name: 6th Revision Eumont

Well Name: Southeast Monument Unit No. 46

Location: NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 14, T. 20 S., R. 37 E.

Legal PA Description: NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 14, T. 20 S., R. 37 E. - 40.00 acres

Effective Date: January 1, 1960

PA Total Acres: 3,600.00



County Lea Pool North Hardy Tubb Drinkard

TOWNSHIP 20 South Range 37 East NMPM

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

Description: $\frac{SW}{4} \frac{NE}{4}$, $\frac{S}{2} \frac{NW}{4}$, $\frac{N}{2} \frac{SW}{4}$, $\frac{NW}{4} \frac{SE}{4}$ Sec. 36 (R-10327, 3-8-95)

Ext: $\frac{N}{2} \frac{NE}{4}$ and $\frac{SE}{4} \frac{NE}{4}$ Sec. 36 (K-10556, 3-11-96)

B

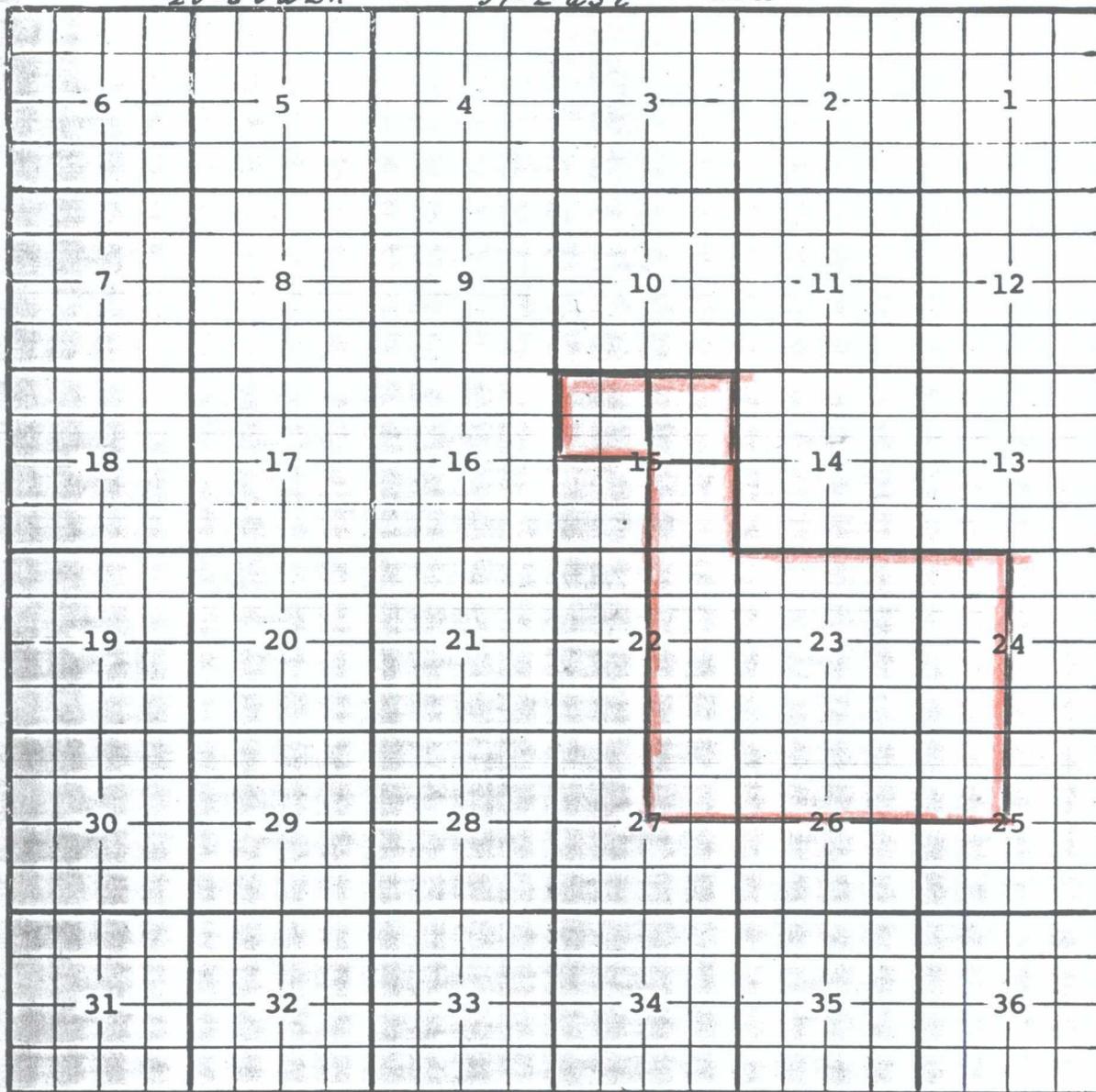
COUNTY *Lea*

POOL *Weir*

(Orinkard)

TOWNSHIP *20-South* RANGE *37-East*

NMPM



*Description: E/2 Sec. 22; All Sec. 23; W/2 Sec. 24; NW/4 Sec. 25; N/2 Sec. 26; NE/4 Sec. 27. - SE/4 Sec. 15, (R-14247-1-59).
Ext: NE/4 Sec. 15 (R-6623, 4-7-81) Ext: NW/4 Sec. 15 (R-7714, 11-7-84)*

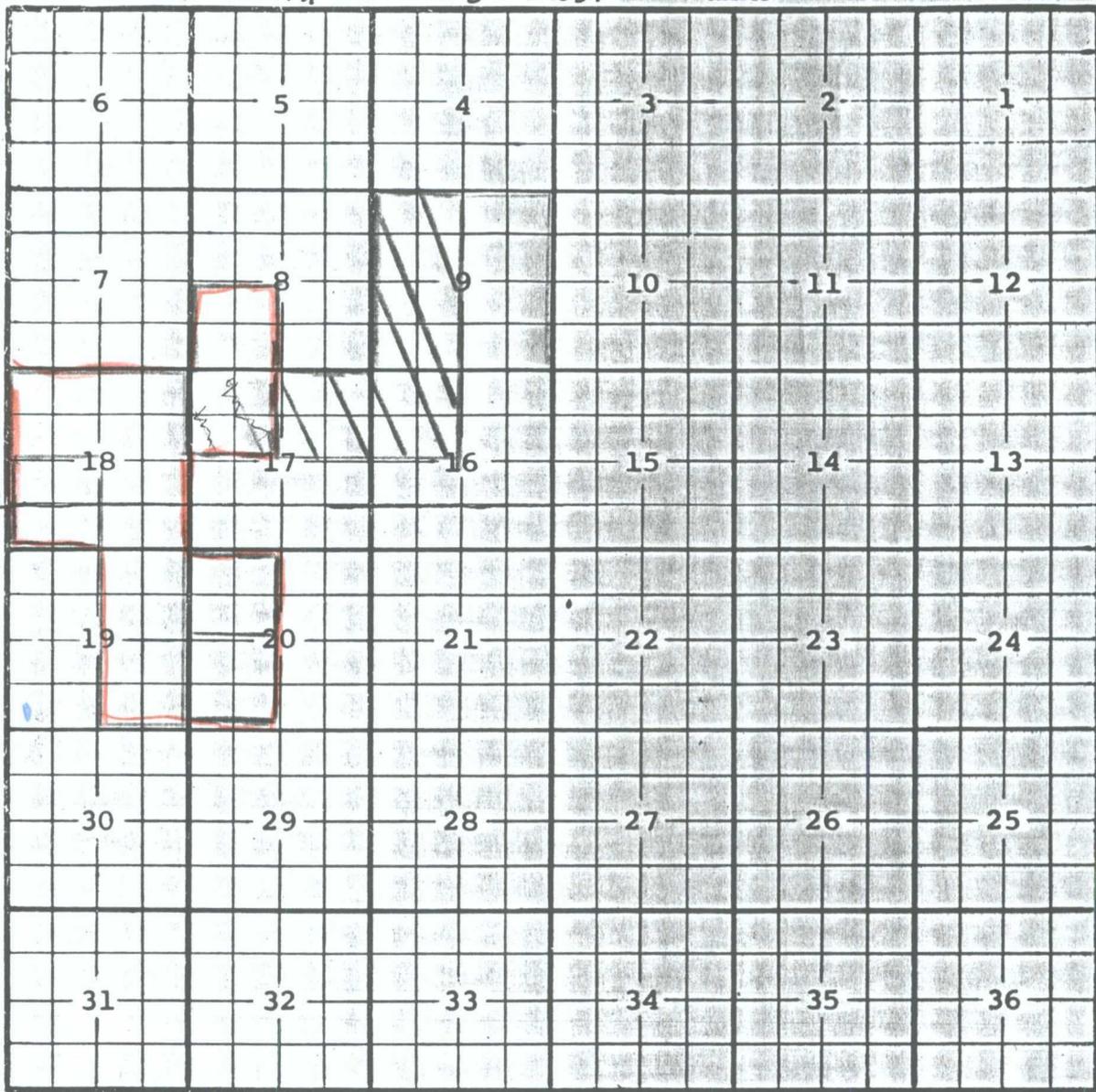
COUNTY *Lea*

POOL *Skaggs - Drinkard*

TOWNSHIP *20 south*

RANGE *38 East*

NMPM



Ext: $\frac{N}{2}$ & $\frac{SE}{4}$ Sec 18, $\frac{E}{2}$ Sec 19 (R-4995, 5-1-75)

Ext: $\frac{W}{2}$ Sec 9, $\frac{NW}{4}$ Sec 16, $\frac{N}{2}$ Sec 17 (R-6576, 2-10-81)

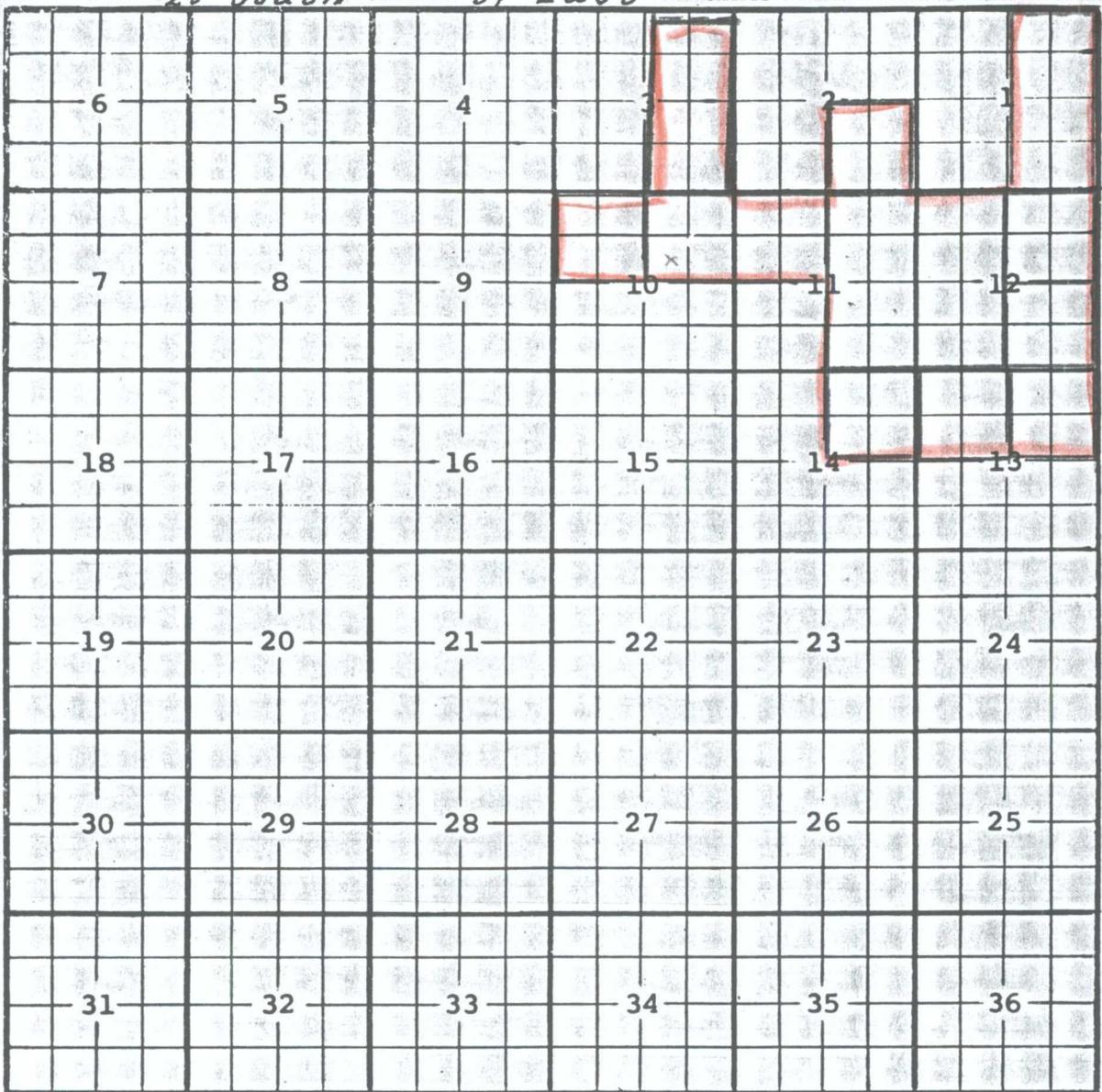
~~Delete: $\frac{W}{2}$ Sec 9, $\frac{NW}{4}$ Sec 16, $\frac{N}{2}$ Sec 17 (R-6838, 11-8-81)~~

Ext: $\frac{NW}{4}$ Sec 20 (R-7279, 5-17-83) Ext: $\frac{SW}{4}$ Sec 20 (R-8214, 5-1-86)

Ext: $\frac{SW}{4}$ Sec 18 (R-8299, 9-4-86) EXT: $\frac{SW}{4}$ Sec 8, $\frac{NW}{4}$ Sec 17 (R-8626, 4/1/88)

COUNTY Lea POOL Skaggs-Drinkard

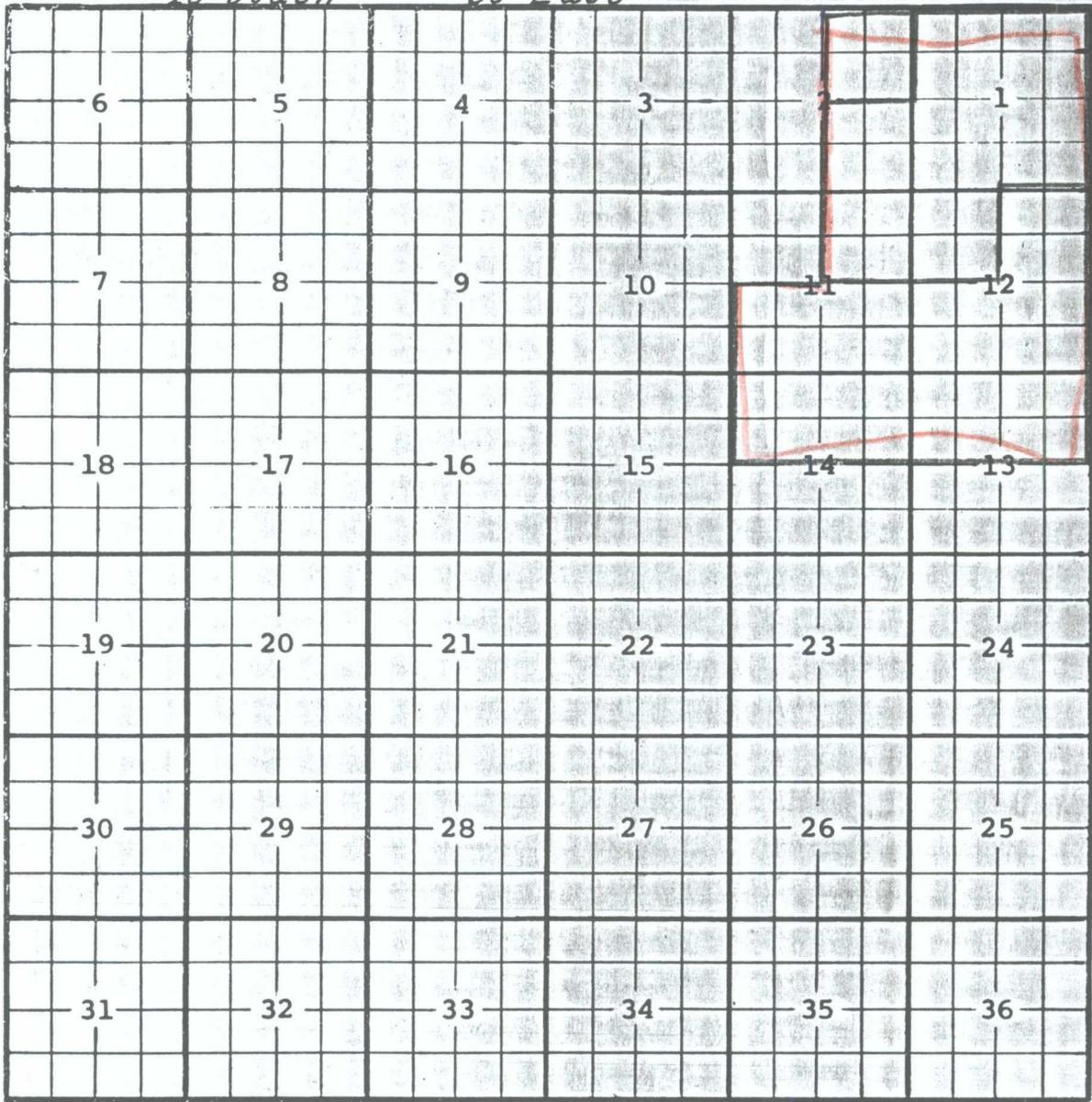
TOWNSHIP 20-South RANGE 37-East NMPM



Description: $\frac{E}{2}$ Sec. 11; $\frac{N}{2}$ Sec. 12, (R-407, 1-20-54).
Ext: $\frac{NE}{4}$ Sec. 10; $\frac{NW}{4}$ Sec. 11; $\frac{SE}{4}$ Sec. 12 (R-2781, 11-1-64) - $\frac{NW}{4}$ Sec. 10; $\frac{NE}{4}$ Sec. 12 (R-2857, 2-1-65)
- $\frac{NE}{4}$ Sec. 13 (R-2911, 6-1-65) - $\frac{NW}{4}$ Sec. 13 (R-3067, 6-1-66)
Ext: $\frac{E}{2}$ Sec. 1 (R-4937, 2-1-75) EXT: $\frac{SE}{4}$ Sec. 2 (R-8901, 4-1-89)
Ext: $\frac{NE}{4}$ Sec. 14 (R-9271, 8-28-90) Ext: $\frac{E}{2}$ Sec. 5 (R-10795, 4-28-97)

COUNTY *Lea* POOL *House-Drinkard* (*Drinkard*)

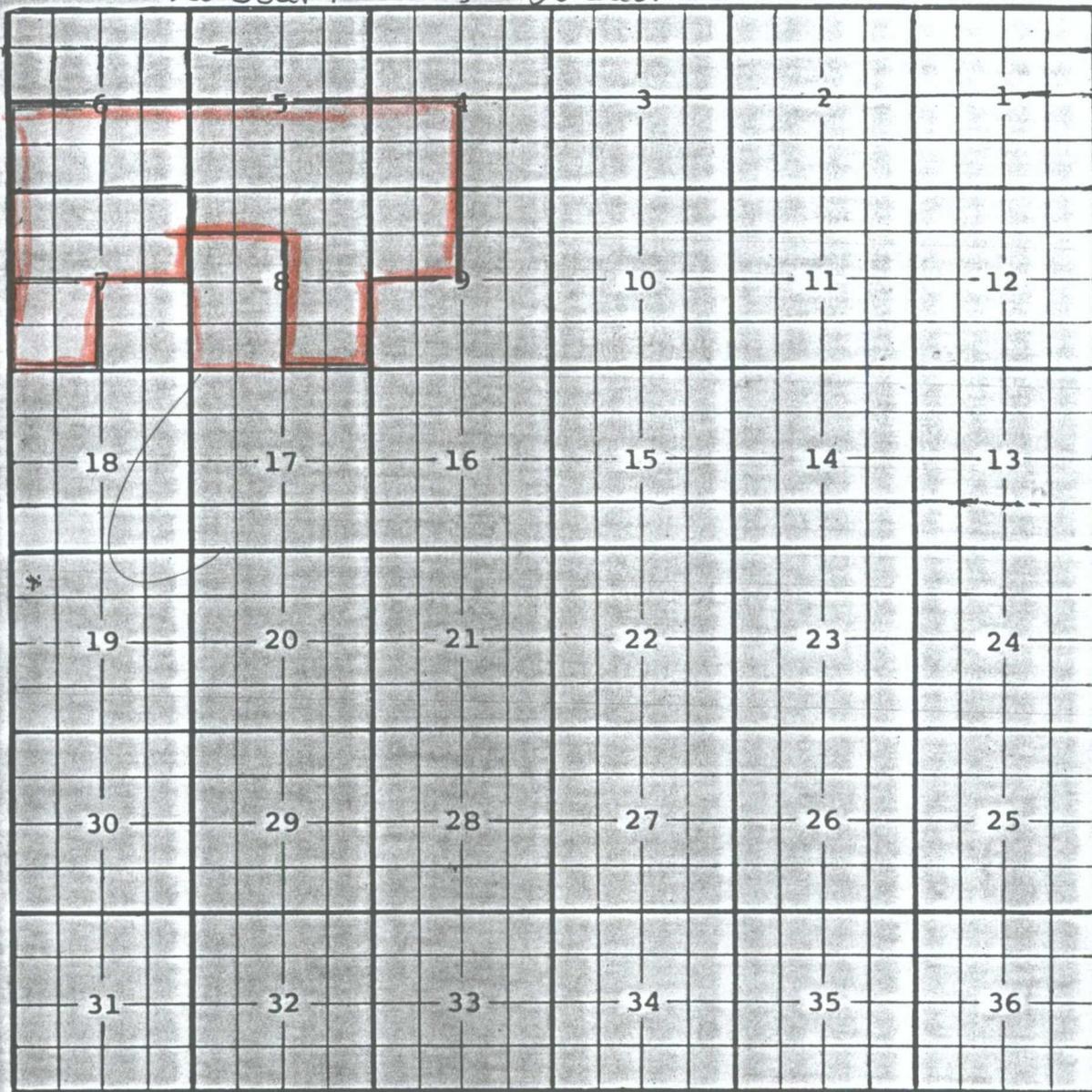
TOWNSHIP *20-South* RANGE *38-East* NMPM



*Description: All Sec. 1; SE/4 Sec. 2; NE/4 Sec. 11; NW/4 Sec. 12;
Ext: S/2 Sec. 11; NE/4 & S/2 Sec. 13; N/2 Sec. 14, (R-559)
EXT: NE/4 sec 2 (R-7009, 6-19-82)*

County Lea Pool West Nadine - Drinkard

TOWNSHIP 20 South Range 38 East NMPM



Description: $\frac{SW}{4}$ Sec. 4, $\frac{S}{2}$ Sec. 5, $\frac{SE}{4}$ Sec. 6, $\frac{E}{2}$ and $\frac{N}{2}$ $\frac{NW}{4}$ Sec. 8,
 $\frac{NW}{4}$ Sec. 9 (A-6838, 11-8-81) Ext: $\frac{SW}{4}$ Sec. 6, $\frac{N}{2}$ Sec. 7 (R-7279, 5-12-83)
Ext: $\frac{SW}{4}$ Sec. 7 (R-8041, 10-3-85)

COUNTY Lea

POOL Warren-Drinkard

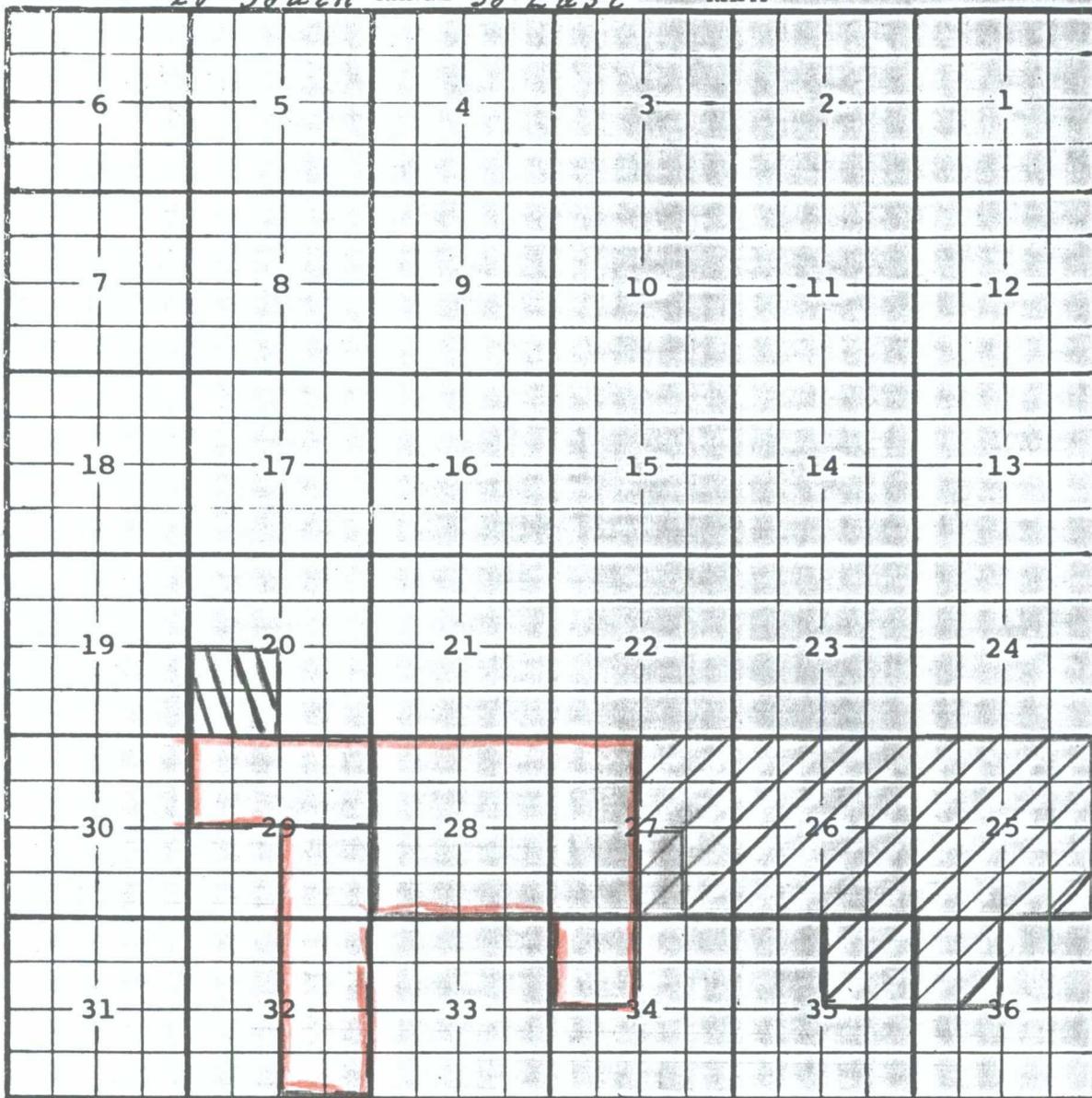
TOWNSHIP

20-South

RANGE

38-East

NMPM



Description: All Sec. 28, - All Sec. 27, (R-112, 11-20-51).
- All Secs. 25 & 26, (R-738, 1-12-56). - ^{NW}/₄ Sec. 36, (R-1772,
10-1-60). - ^{NE}/₄ Sec. 35 (R-3411, 6-1-68)

Deletion: All Sec 25 & 26; ^E/₄ Sec. 27; ^{NE}/₄ Sec. 35; ^{NW}/₄ Sec. 36 (R-3472, 9-1-68)

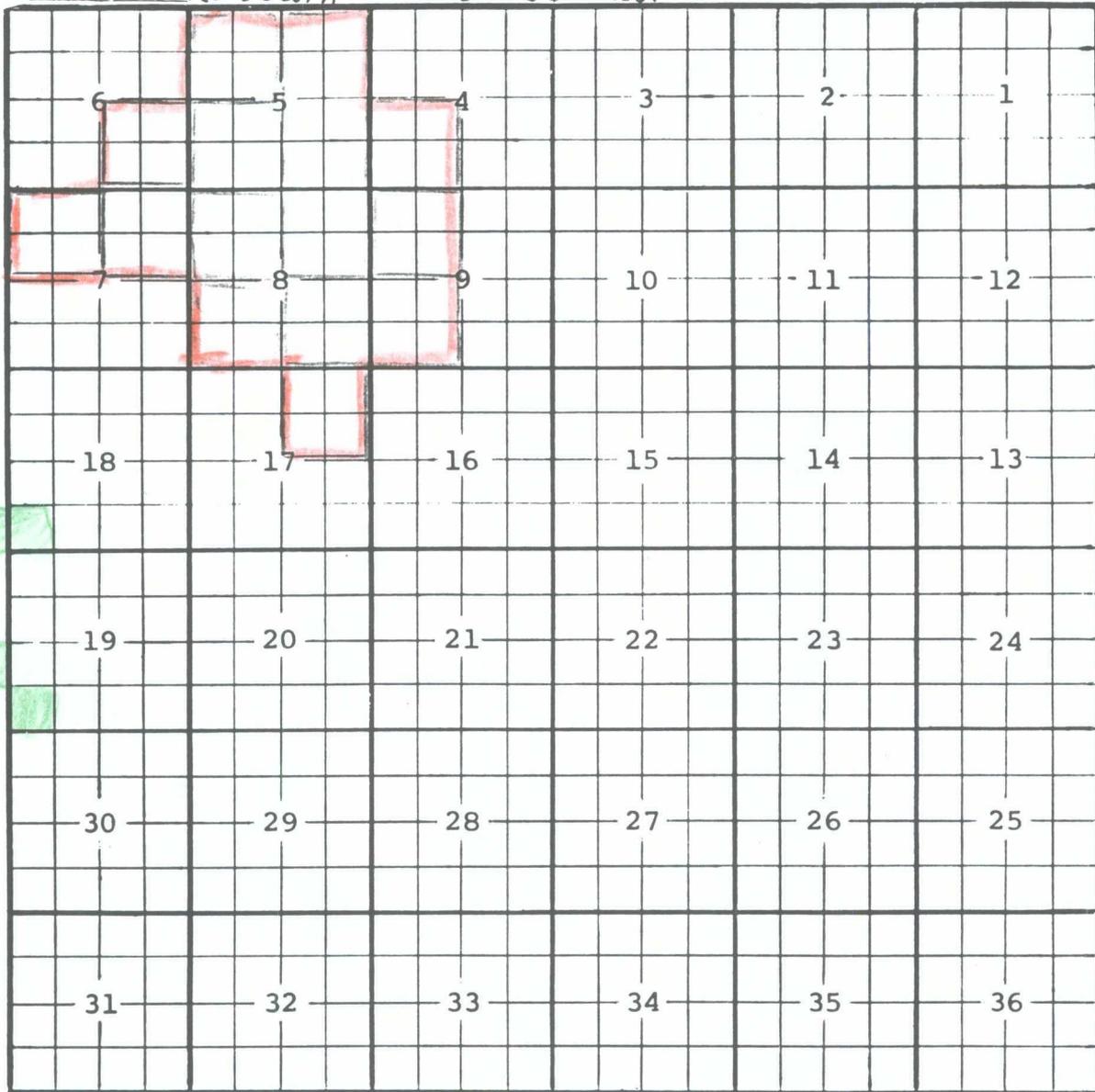
Ext: ^{SW}/₄ Sec 20; ^N/₂ Sec 29 (R-4146, 6-1-71) Ext: ^W/₂ ^{SE}/₄ Sec 27 (R-4937, 2-1-75)

Ext: ^{SE}/₄ Sec 29, ^E/₂ Sec 32 (R-6623, 4-7-81) Delete: ^{SW}/₄ Sec. 20 (R-8214, 5-1-86)

Ext: ^{NW}/₄ Sec. 34 (R-9615, 12-3-91)

County Lea Pool West Nadine-Paddock-Blinebry

TOWNSHIP 20 South Range 38 East NMPM



Description: NW/4 Sec 9 (A-6576, 2-10-81)

Ext: E/2 sec 5, NE/4 sec 8 (R-6724, 7-16-81) Ext: SE/4 sec 8, SW/4 sec 9 (R-6876, 1-22-82) Ext: NW/4 sec 8 (R-6912, 3-5-82) Ext: SW/4 sec 5 (R-6994, 5-28-82)

Ext: Sec: 5 NW/4 Sec: 8^{SW} (R-7048, 8-9-82)

Ext: SW/4 sec 4 (R-7131, 11-30-82) Ext: SE/4 sec 6, NE/4 sec 17 (R-7396, 12-8-83)

Ext: NE/4 Sec. 7 (R-7437, 2-6-84) Ext: NW/4 Sec. 7 (R-7714, 11-7-84)

Redesignate as West Nadine Paddock-Blinebry Pool (R-9937, 8-17-93)

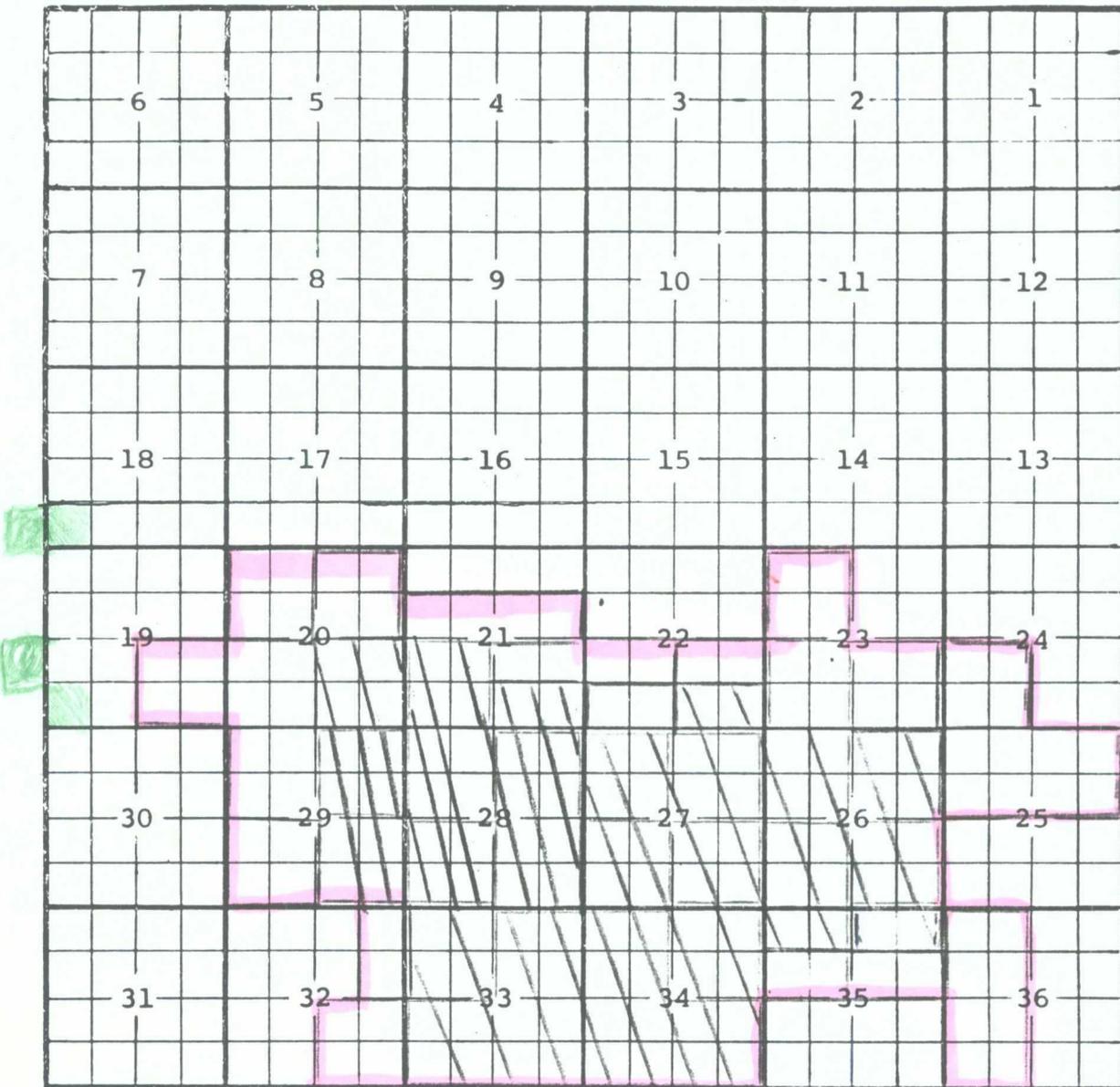
COUNTY *Lea*

POOL *Blineby Oil and Gas*

TOWNSHIP *20 South*

RANGE *38 East*

NMPM



Description: $\frac{SE}{4}$ Sec 32, $\frac{NE}{4}$ & $\frac{S}{2}$ Sec 33, $\frac{NW}{4}$ & $\frac{S}{2}$ Sec 34, -
 - $\frac{S}{2}$ Sec 35, $\frac{W}{2}$ Sec 36 (R-1670-N, 1-1-74)

Ext: $\frac{SW}{4}$ Sec 27, $\frac{E}{2}$ Sec 28 (R-4957, 3-1-75)

Ext: $\frac{SE}{4}$ Sec 27 (R-5015, 6-1-75) Ext: $\frac{NW}{4}$ Sec 27 (R-5124, 12-1-75)

Ext: $\frac{NE}{4}$ Sec 27, $\frac{NE}{4}$ Sec 34 (R-5215, 6-1-76)

Ext: $\frac{SW}{4}$ Sec 28 (R-5252, 9-1-76) Ext: $\frac{SW}{4}$ Sec 21, $\frac{NW}{4}$ Sec 28 (R-5417, 4-1-77)

Ext: $\frac{SW}{4}$ Sec 26, $\frac{NW}{4}$ Sec 35 (R-5456, 7-1-77) Ext: $\frac{SW}{4}$ Sec 23, $\frac{NW}{4}$ Sec 26 (R-5626, 2-1-78)

Ext: $\frac{NW}{4}$ Sec 23 (R-5754, 7-1-78) Ext: $\frac{NE}{4}$ Sec 29 (R-5781, 9-1-78)

Ext: $\frac{SE}{4}$ Sec 26 (R-5876, 12-1-78) Ext: $\frac{SE}{4}$ Sec 29 (R-5988, 5-1-79)

Ext: $\frac{SE}{4}$ Sec 19, $\frac{SW}{4}$ Sec 20, $\frac{NE}{4}$ Sec 26, $\frac{NW}{4}$ Sec 29 (R-6005, 6-1-79)

Ext: $\frac{SE}{4}$ Sec. 20 (R-6211, 12-31-79) Ext: $\frac{NW}{4}$ Sec. 20 (R-6274, 3-1-80)

Ext: $\frac{NE}{4}$ Sec. 20 (R-6328, 5-1-80) Ext: $\frac{SW}{4}$ Sec. 29 (R-6499-11-1-80)

Ext: $\frac{SE}{4}$ Sec. 22 (R-6536, 12-1-80) Ext: $\frac{NW}{4}$ Sec. 33 (R-6967, 5-6-82)

Ext: $\frac{SE}{4}$ Sec. 23 (R-7248, 3-30-83) Ext: $\frac{SW}{4}$ Sec. 24, $\frac{N}{2}$ Sec. 25 (R-9615, 12-3-91)

County Lea Pool Blinebry Oil and Gas (Cont'd.)

TOWNSHIP 20 South Range 38 East NMPM

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

Delete: $\frac{S}{2} \frac{SE}{4}$ Sec. 22, All Sec. 26, All Sec. 27, All Sec. 33, All Sec. 34,
 $\frac{N}{2} \frac{N}{2}$ Sec. 35 and Ext: $\frac{SE}{4}$ Sec. 21, $\frac{N}{2} \frac{SW}{4}$ Sec. 22, $\frac{E}{2} \frac{NE}{4}$ Sec. 32
(R-9467-B, 6-1-91) Ext: $\frac{N}{2} \frac{NE}{4}$ Sec. 35 (R-9585, 9-30-91)
Ext: $\frac{S}{2} \frac{N}{2}$ Sec. 21, Delete $\frac{SE}{4}$ Sec. 20, $\frac{SW}{4}$, $\frac{S}{2} \frac{SE}{4}$ Sec. 21, All Sec. 28,
 $\frac{NE}{4}$, $\frac{N}{2} \frac{SE}{4}$ Sec. 29 (R-10068-A; 3-8-94)

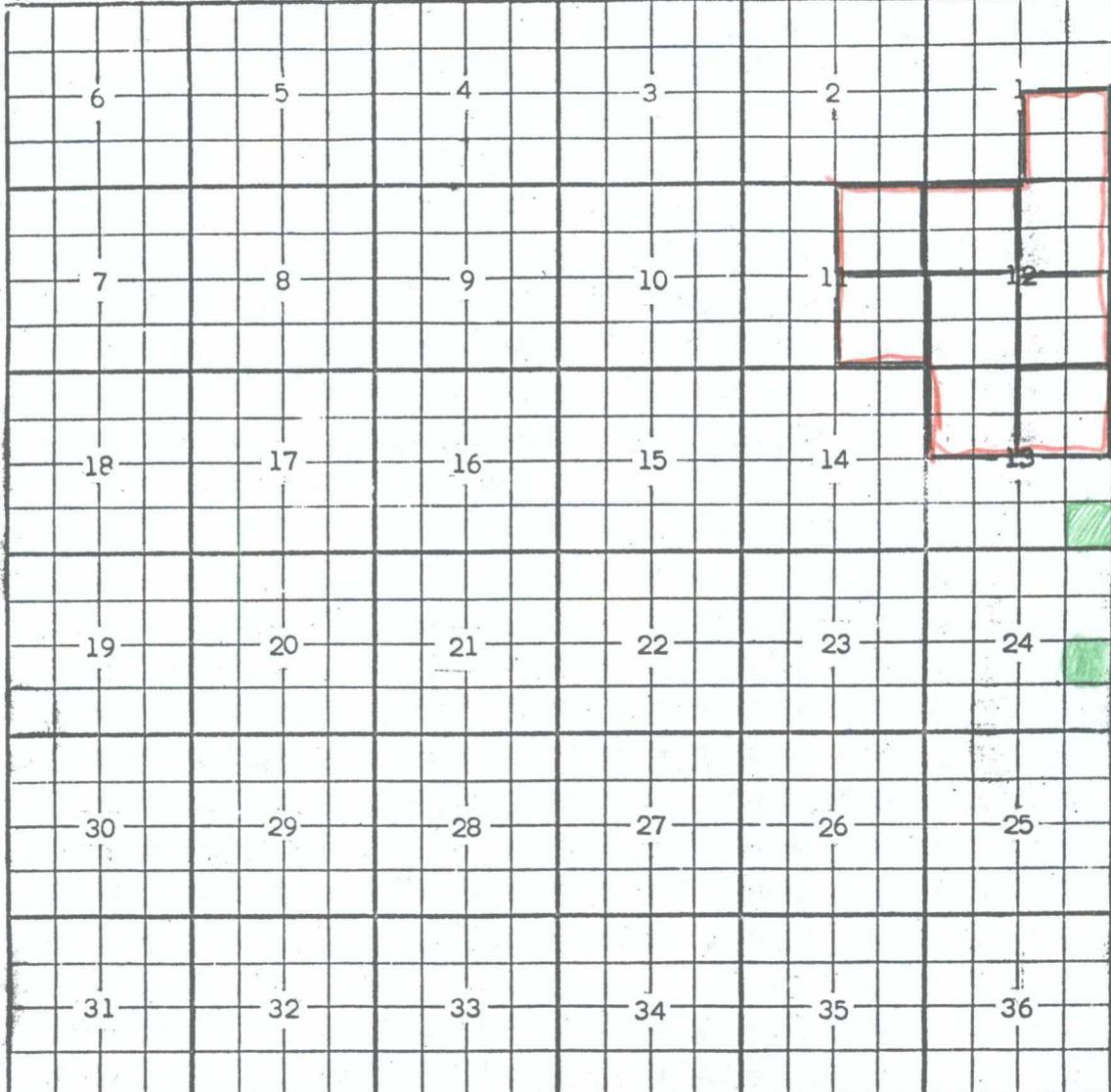
County Lea

Pool East Weir - Blinbry

TOWNSHIP 20 South

RANGE 37 East

NEW MEXICO PRINCIPAL MERIDIAN



Description: NE¹/₄ Sec. 11 (R. 7771, 5-1-67)

Ext: NW¹/₄ Sec. 12, (R-2306, 9-1-62); SW¹/₄ Sec. 12; NW¹/₄ Sec. 13 (R-7527, 8-1-63)
- NE¹/₄ Sec. 13 (R-2692, 5-1-64) - SE¹/₄ Sec. 12 (R-2870, 3-1-65) - SE¹/₄ Sec. 1;
NE¹/₄ Sec. 12 (R-3438, 7-1-68) - SE¹/₄ Sec. 11 (R-3911, 2-1-70)

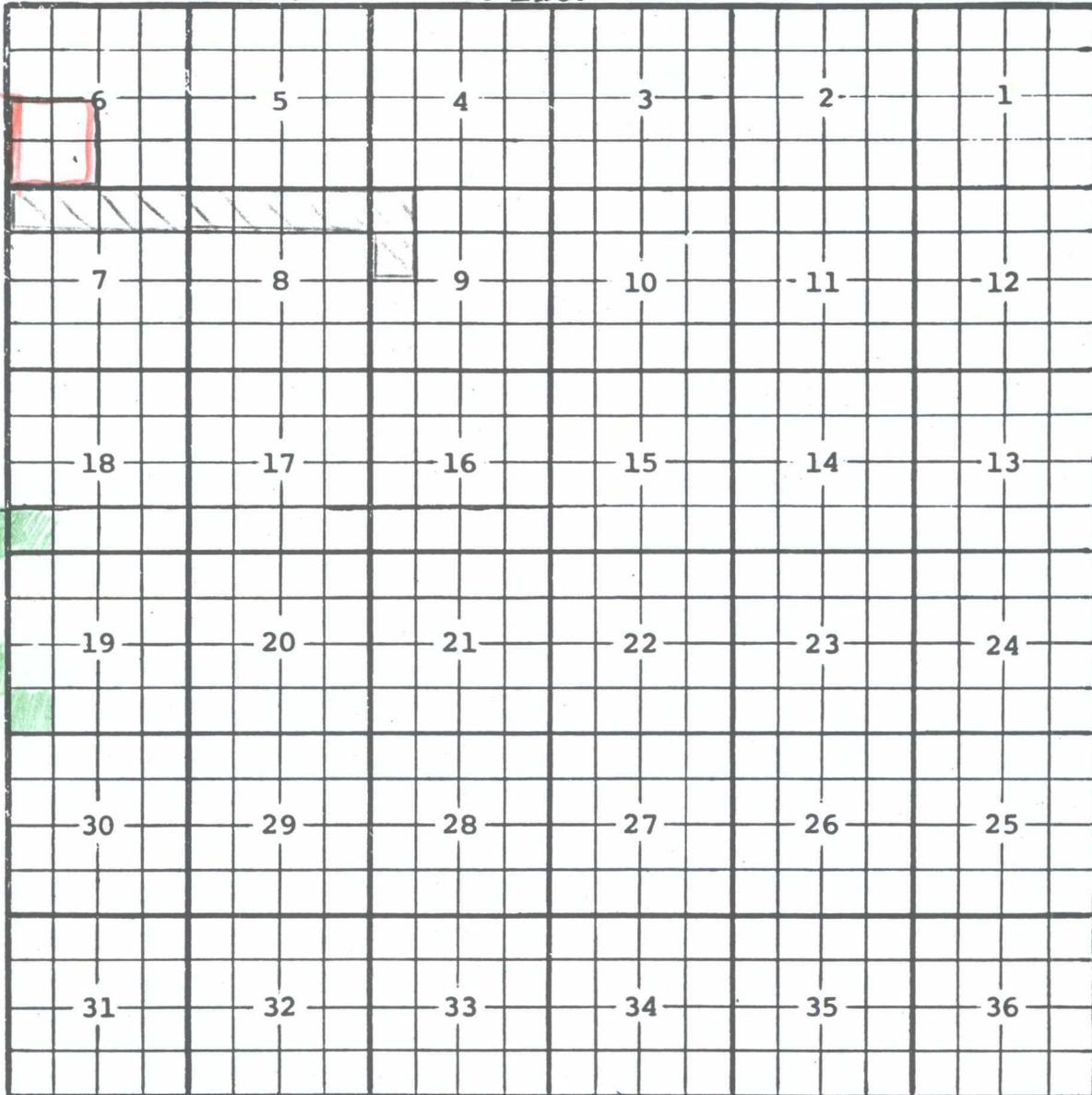
COUNTY *Lea*

POOL *East Weir - Blinebry*

TOWNSHIP *20 South*

RANGE *38 East*

NMPM



Ext: $\frac{SW}{4}$ Sec. 6 (R-3438, 7-1-68) Ext: $\frac{N}{2} \frac{N}{2}$ sec 7, $\frac{N}{2} \frac{N}{2}$ sec 8, $\frac{W}{2} \frac{NW}{4}$ sec 9 (R-6698, 6-2-81)
Del. $\frac{N}{2} \frac{N}{2}$ sec 7, $\frac{N}{2} \frac{N}{2}$ sec 8, $\frac{W}{2} \frac{NW}{4}$ sec 9
(R-6724, 7-16-81)

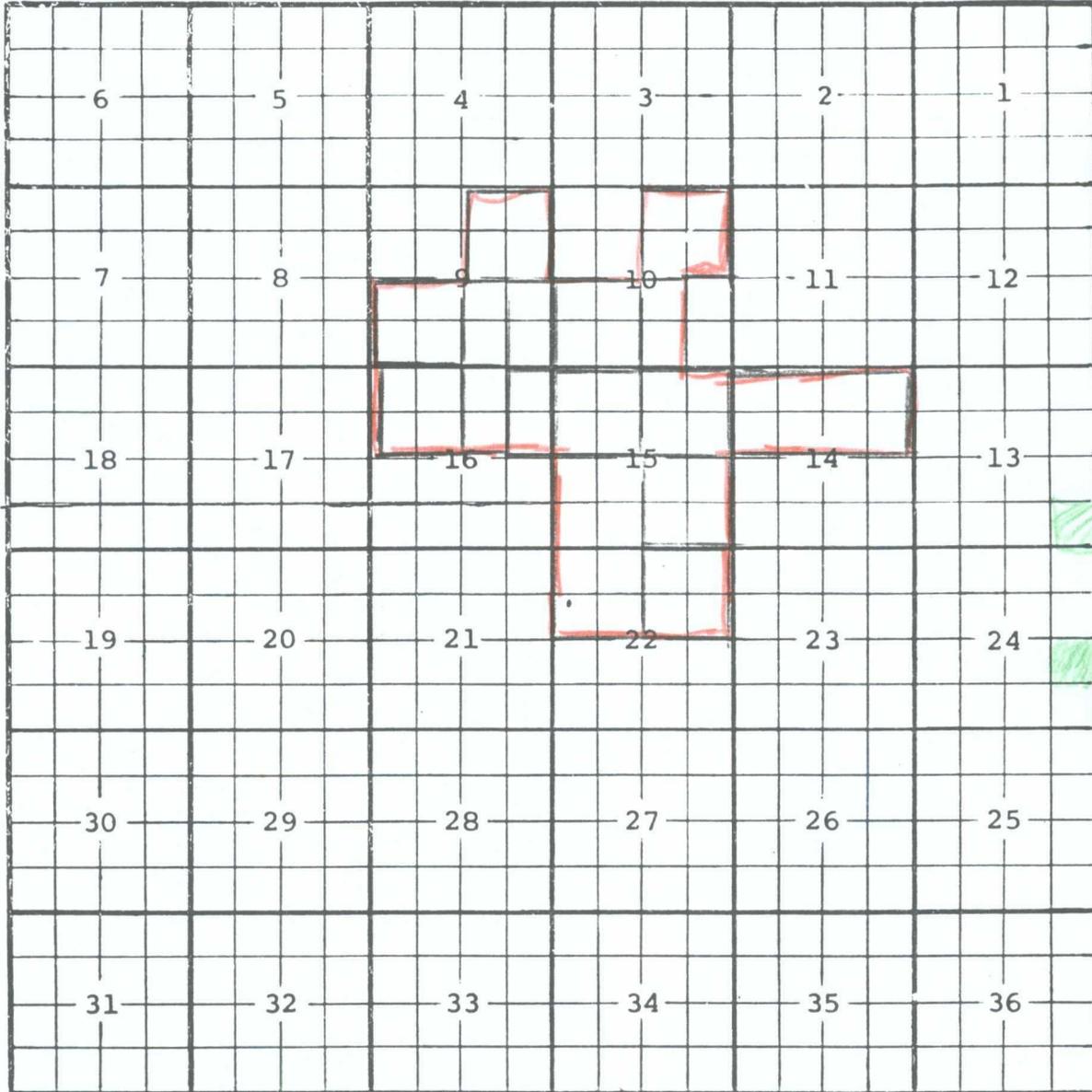
COUNTY *Lea*

POOL *Weir - Blinebry*

TOWNSHIP *20 South*

RANGE *37 East*

NMPM



Description: $\frac{NW}{4}$ Sec. 15 (R-2062, 10-1-61)

Ext: $\frac{E}{2}$ $\frac{NE}{4}$ Sec. 16 (R-2427, 3-1-63) - $\frac{SW}{4}$ Sec. 10 (R-2552, 9-1-63)

- $\frac{E}{2}$ $\frac{SE}{4}$ Sec. 9 (R-2578, 11-1-63) - $\frac{NE}{4}$ Sec. 15 (R-2639, 2-1-64) - $\frac{W}{2}$ $\frac{SE}{4}$ Sec. 10;

$\frac{SW}{4}$ Sec. 15; $\frac{NW}{4}$ Sec. 22 (R-2726, 7-1-64) - $\frac{NE}{4}$ Sec. 22 (R-2833, 1-1-65)

- $\frac{W}{2}$ $\frac{SE}{4}$ Sec. 9 (R-3104, 9-1-66) - $\frac{NE}{4}$ Sec. 10 (R-3843, 10-1-69) - $\frac{SE}{4}$ Sec. 15 (R-4232, 1-1-72)

Ext: $\frac{NE}{4}$ Sec. 9 (R-7334, 8-19-83) Ext: $\frac{W}{2}$ $\frac{NE}{4}$ Sec. 16 (R-8075, 11-8-85)

Ext: $\frac{N}{2}$ Sec. 14 (R-9685, 6-30-92) Ext: $\frac{SW}{4}$ Sec. 9 (R-10488, 10-13-95)

Ext: $\frac{NW}{4}$ Sec. 16 (R-10776, 2-28-97)

