



'89 OCT 31 AM 11 32

October 31, 1989

RE: South Corbin Wolfcamp Field  
Proration Unit covering  
S/2SE/4 Section 19,  
Enfield Hudson Federal #3  
2310' FEL, 660' FSL Sec. 19  
T-18-S, R-33-E  
Lea County, New Mexico

New Mexico Oil Conservation Division  
P. O. Box 2088  
Santa Fe, NM 87504-2088

Attn: Michael Stogner

Dear Mr. Stogner:

I would like to make application for administrative approval for the above captioned unit. The well was originally drilled to the Morrow formation for a total depth of 13630' and it has presently been completed in the South Corbin Wolfcamp field.

I am enclosing the following items in triplicate:

1. Land plat showing all the ownership of direct and diagonal locations.
2. New Mexico Oil Conservation Division form C-102
3. Copy of FAX from C. W. Trainer, the only off-setting owner except myself.

Assuming this is satisfactory, I would appreciate administrative approval on this unorthodox location.

Very truly yours,



Robert N. Enfield

RNE/mg  
Encl.

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-55

All distances must be from the outer boundaries of the Section

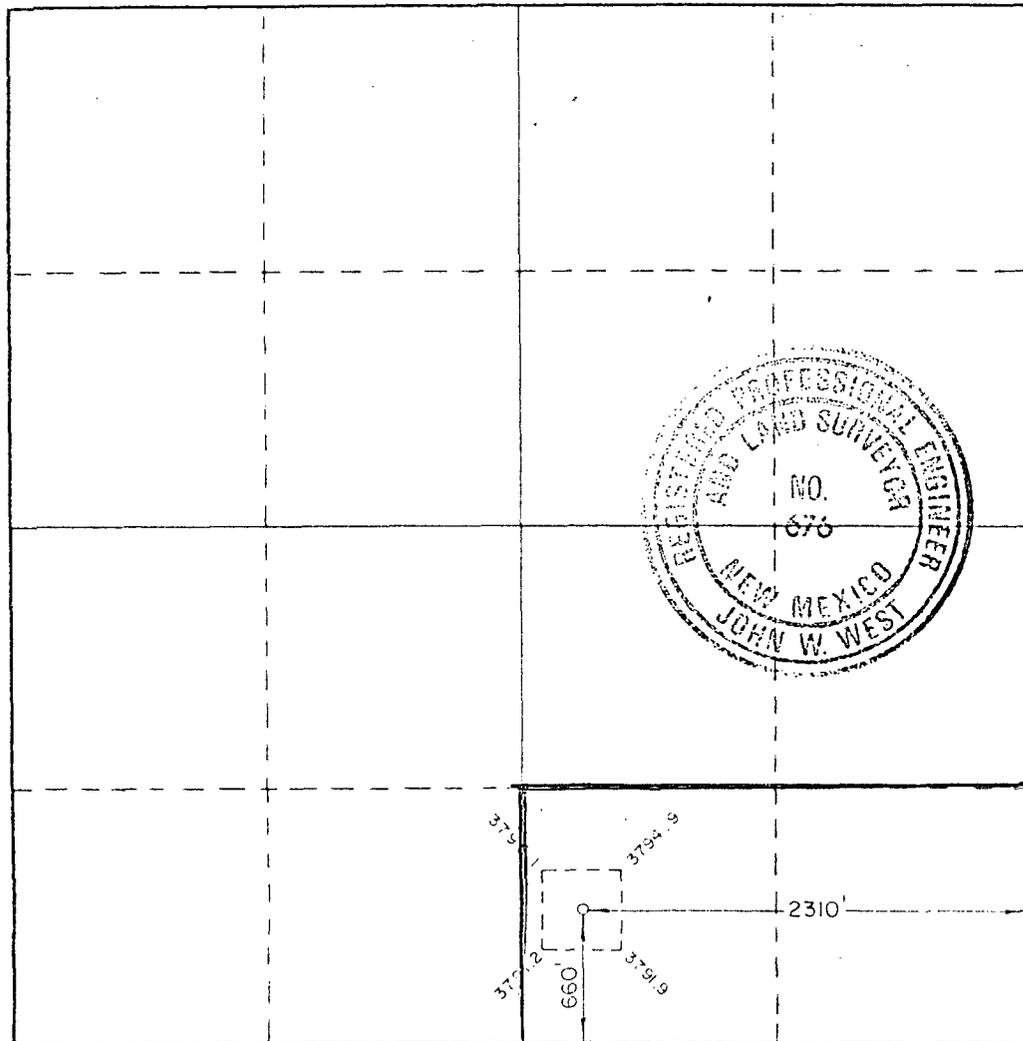
Operator Robert N. Enfield		Lease Hudson Federal			Well No. 3
Unit Letter 0	Section 19	Township 18 South	Range 33 East	County Lea	
Actual Footage Location of Well: 660 feet from the South line and 2310 feet from the East line					
Ground Level Elev. 3793.7	Producing Formation Wolfcamp	Pool South Corbin-Wolfcamp		Dedicated Acreage 80.00 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes  No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

*Robert N. Enfield*  
Name

Robert N. Enfield

Operator

Company  
Robert N. Enfield

Date  
October 16, 1989

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 knowledge and belief.

Date Surveyed  
January 6, 1989

Registered Professional Engineer and of Land Surveyor

*John W. West*

Certificate No. JOHN W. WEST, 676  
RONALD J. EDSON, 3739

565360

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section

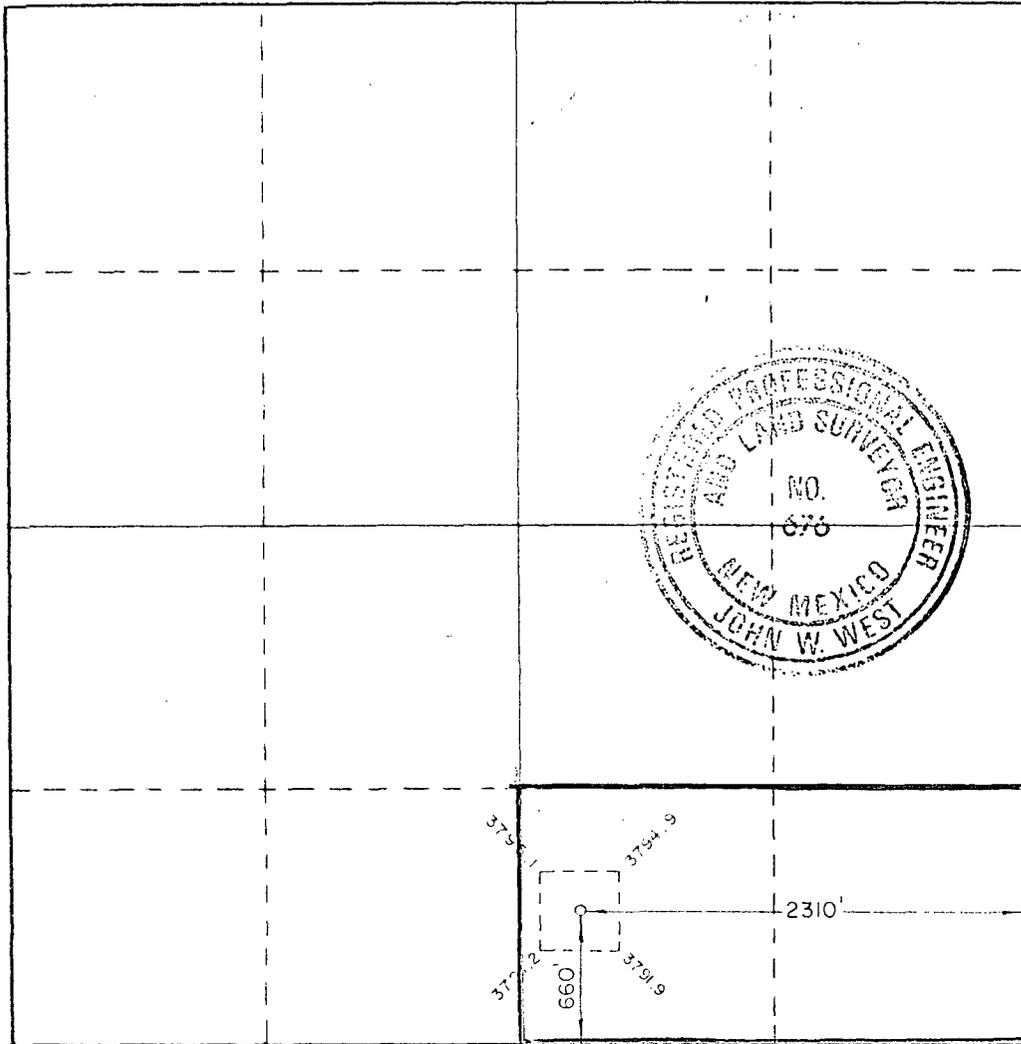
Operator Robert N. Enfield		Lease Hudson Federal			Well No. 3
Unit Letter 0	Section 19	Township 18 South	Range 33 East	County Lea	
Actual Footage Location of Well: 660 feet from the South line and 2310 feet from the East line					
Ground Level Elev. 3793.7	Producing Formation Wolfcamp		Pool South Corbin-Wolfcamp	Dedicated Acreage 80.00 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes  No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

*Robert N. Enfield*  
Name

Robert N. Enfield

Operator

Company  
Robert N. Enfield

Date  
October 16, 1989

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 knowledge and belief.

Date Surveyed  
January 6, 1989

Registered Professional Engineer and/or Land Surveyor

*John W. West*  
Certificate No. JOHN W. WEST, 676

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-122  
Superseded C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section

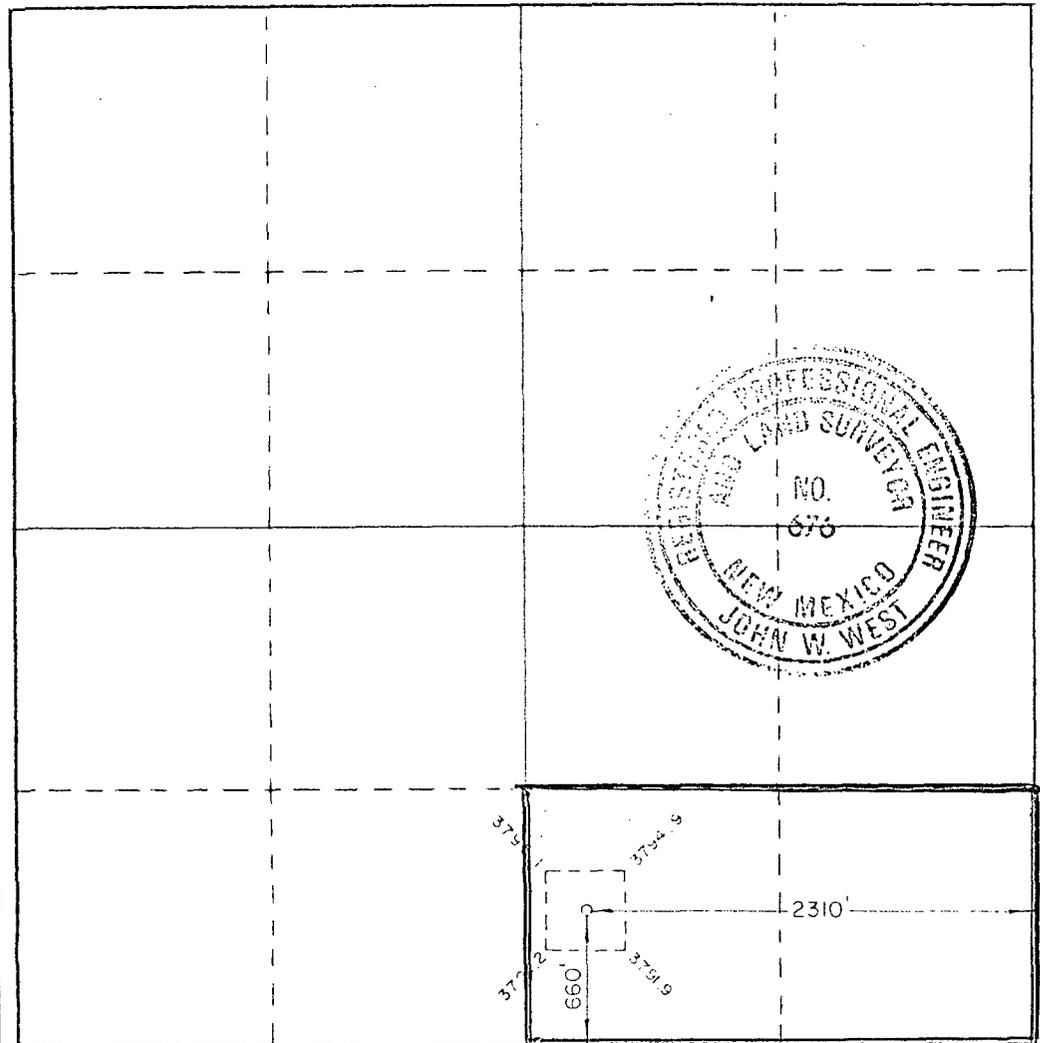
Operator Robert N. Enfield		Lease Hudson Federal			Well No. 3
Tract Letter 0	Section 19	Township 18 South	Range 33 East	County Lea	
Actual Footage Location of Well: 660 feet from the South line and 2310 feet from the East line					
Ground Level Elev. 3793.7	Producing Formation Wolfcamp	Pool South Corbin-Wolfcamp		Dedicated Acreage 80.00 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes  No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

*Robert N. Enfield*

Name  
Robert N. Enfield

Position  
Operator

Company  
Robert N. Enfield

Date  
October 16, 1989

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 knowledge and belief.

Date Surveyed  
January 6, 1989

Registered Professional Engineer and or Land Surveyor

*John W. West*

Certificate No. JOHN W. WEST, 676  
RONALD J. EIDSON, 3239

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR: ROBERT N. ENFIELD

3. ADDRESS OF OPERATOR: P. O. BOX 2431, SANTA FE, NEW MEXICO 87501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface: 660' FSL & 2310' FEL OF SECTION *Unit 0*

5. LEASE DESIGNATION AND SERIAL NO.: LC-069276

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: HUDSON FEDERAL

9. WELL NO.: No. 3

10. FIELD AND POOL, OR WILDCAT: UNDES. SO. CORBIN MORROW GAS

11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA: 19. T-18-S, R-33-E

12. COUNTY OR PARISH: LEA

13. STATE: NEW MEXICO

14. PERMIT NO.:

15. ELEVATIONS (Show whether OF, RT, CR, etc.): 3793.7 GL

RECEIVED  
SEP 20 11 30 AM '89

RECEIVED

OIL CONSERVATION DIV.  
SANTA FE

OCT - 6 1989

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Daily Drilling Report</u>	<input checked="" type="checkbox"/>

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

17. 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.)

8/30/89: Drilling at 12,661', formation line and shale.  
 8/31/89: Drilling at 12,829', formation line and Atoka Shale.  
 9/1/89: Drilling at 12,941', formation line, shale, and chert. Deviaton survey at 12,921' 1 3/4".  
 9/2/89: Drilling at 13,137', formation line and shale.  
 9/3/89: Drilling at 13,234'. formation line and shale. Circulate samples at 13,205 - 13,220'.  
 9/4/89: Drilling at 13,431', formation line and shale. Circulate samples at 13,310' - 13,354'.  
 9/5/89: Drilling at 13,471', formation shale. Deviation survey at 13,438' 2".  
 9/6/89: Drilling at 13,563', formation line and shale.  
 9/7/89: TD 13,630', formation line and shale. Present operation logging.  
 9/8/89: TD 13,630', formation line and shale. Present operation, Trip in hole with DST No. 4 from 13,306-13,339'.  
 9/9/89: TD 13,630'. Present operation Trip out of hole with DST No. 4. (details of this test are attached).  
 9/10/89: TD 13,630', present operation laying down drill collars.  
 9/11/89: TD 13,630', PBTD 12,250'. Plugged off the Morrow zone as per instructions from Mr. Shannon Shaw with the BLM. Set 300' plug at 13,202' with 75 sacks Class "H" with 0.02% HR-5 (1.06 cu.ft./sk., yeild, and 16.4#/gallon weight). Displaced cement with mud. Wait 5 hours and tagged plug at 13,045'. Set 300' plug at 12,555' with 75 sacks Class "H" with 0.02% HR-5 (1.06 cu.ft./sk., yield and 16.4#/gallon weight). Displace cement with mud. Plug back depth 12,250'.  
 9/12/89: PBTD 12,250'. Nippled up well head. Released rig at 10:00 AM 9/11/89.

Present operation waiting on rig to move off location for completion operations.

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

SIGNED: [Signature] TITLE: OPERATOR DATE: 9/18/89

(This space for Federal or State office use)

APPROVED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_ ACCEPTED FOR RECORD DATE: \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

Adc  
SEP 29 1989

\*See Instructions on Reverse Side

CARLSBAD, NEW MEXICO

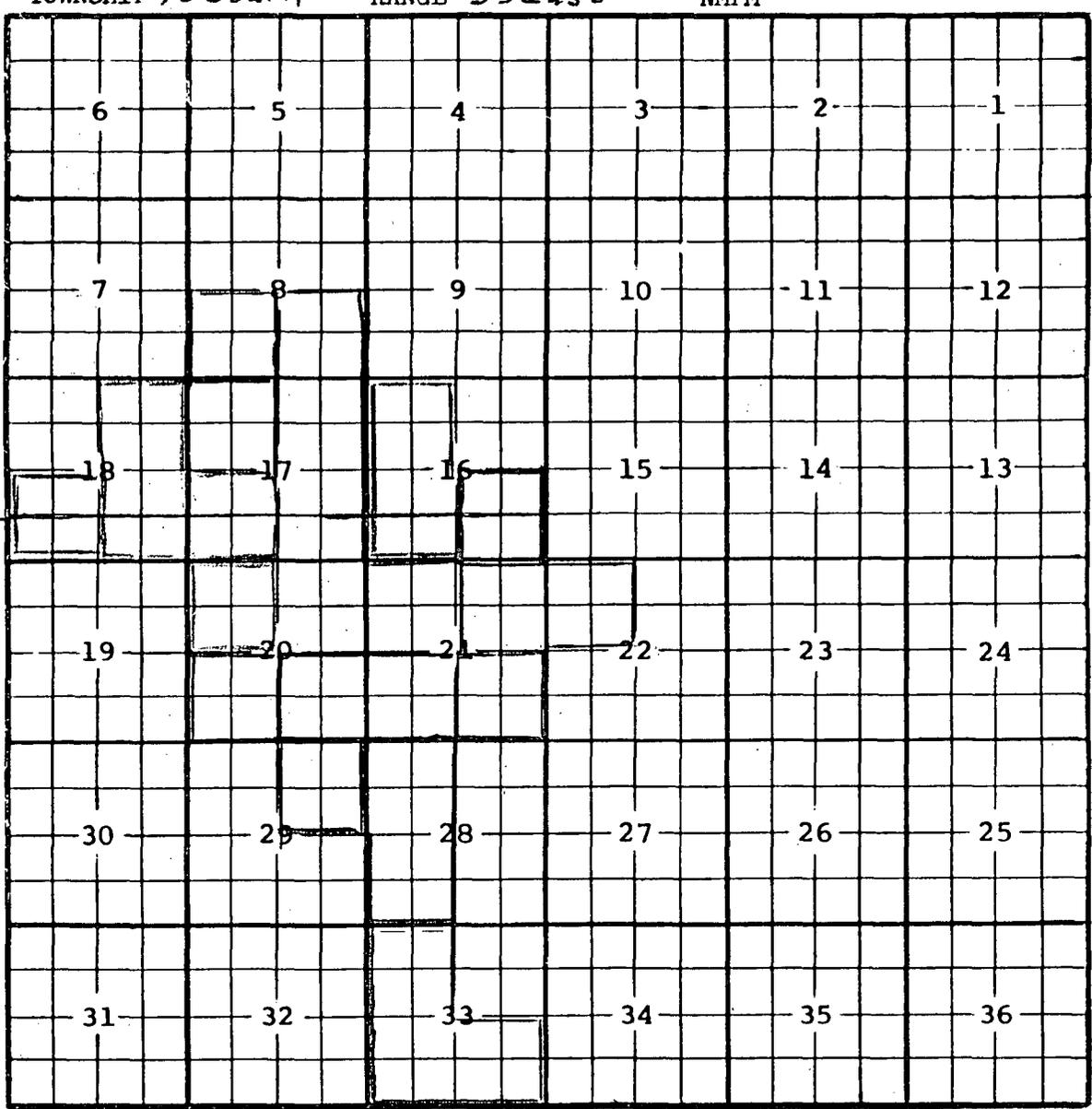
COUNTY *Lea*

POOL *South Corbin - Wolfcamp*

TOWNSHIP *18 South*

RANGE *33 East*

NMPM



Description: *SE/4 Sec. 21 (R-3342, 12-1-67)*

Ext: *SE/4 Sec. 20; SW/4 Sec. 21 (R-3367, 2-1-68) - NE/4 Sec. 29 (R-3438, 7-1-68)*

Ext: *SW/4 Sec. 20 (R-5987, 4-1-79) Ext: W/2 Sec. 28 (R-6368, 7-1-80)*

Ext: *W/2 and SE/4 Sec. 33 (R-6657, 4-20-81)*

Ext: *Sec. 17 SW/4, 18 E/2, 20 NW/4 (R-7114, 10-19-82)*

Ext: *NW/4 Sec. 17 (R-8075, 11-8-85) Ext: NE/4 Sec. 21, NW/4 Sec. 22 (R-8340, 11-3-86)*

Ext: *SE/4 Sec. 16 (R-8461, 6-25-87) Ext: SW/4 Sec. 8 (R-8668, 6/10/88)*

Ext: *W/2 Sec. 16 SW/4 Sec. 18 (R-8696 7/22/88) Ext: SE/4 Sec. 8, E/2 Sec. 17*

*NE/4 Sec. 20, NW/4 Sec. 21 (R-8901, 4-1-89)*

**(ALSTON RANCH-UPPER PENNSYLVANIAN POOL -  
Cont'd.)**

**RULE 3.** The Director of the Division may grant an exception to the requirements of Rule 2 without hearing when an application has been filed for a non-standard unit comprising a single 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 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 Director has received the application.

**RULE 4.** Each well drilled in the Alston Ranch-Upper Pennsylvanian Pool shall be located within 150 feet of the center of a governmental quarter-quarter section.

**RULE 5.** The 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 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 Director has received the application.

**RULE 6.** A standard proration unit (79 through 81 acres) in the Alston Ranch-Upper Pennsylvanian Pool shall be assigned an 80-acre depth bracket allowable of 400 barrels 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 in the Alston Ranch-Upper Pennsylvanian Pool as the acreage in such non-standard unit bears to 80 acres.

**IT IS FURTHER ORDERED THAT:**

(4) The locations of all wells, with the exception of said Elkan "A" Well No. 1, presently drilling to or completed in the Alston Ranch-Upper Pennsylvanian Pool or in any formation from the base of the Wolfcamp formation to the top of the Canyon formation within one mile thereof, and not nearer to or within the limits of another designated Upper Pennsylvanian Pool, are hereby approved; the operator of any well having an unorthodox location shall notify the Hobbs District Office of the Division in writing of the name and location of the well on or before July 1, 1986.

(5) Pursuant to Paragraph A. of Section 70-2-18, NMSA 1978, existing wells in the Alston Ranch-Upper Pennsylvanian Pool shall have dedicated thereto 80 acres in accordance with the foregoing pool rules; or, pursuant to Paragraph C. of said Section 70-2-18, existing wells may have non-standard spacing or proration units established by the Division and dedicated thereto.

Failure to file new Forms C-102 with the Division dedicating 80 acres to a well or to obtain a non-standard unit approved by the Division within 60 days from the 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 Alston Ranch-Upper Pennsylvanian Pool or in its corresponding vertical limits as described in Ordering Paragraph No. (1), above, or within one mile thereof shall receive no more than one-half of a standard allowable for the pool.

(6) This case shall be reopened at an examiner hearing in May 1988, at which time the operators in the subject pool may appear and show cause why the Alston Ranch-Upper Pennsylvanian Pool should not be developed on 40-acre spacing units.

(7) 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.

**SOUTH CORBIN-WOLFCAMP POOL**  
Lea County, New Mexico

Order No. R-8181-B, Adopting Temporary Operating Rules for the South Corbin-Wolfcamp Pool, Lea County, New Mexico, May 20, 1986.

Application of Southland Royalty Company  
for Special Pool Rules, Lea County, New  
Mexico.

CASE NO. 8802 DE NOVO  
Order No. R-8181-B

**ORDER OF THE COMMISSION**

**BY THE COMMISSION:** This cause came on for hearing at 9 a.m. at Santa Fe, New Mexico, on April 9, 1986, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 20th day of May, 1986, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

**FINDS THAT:**

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

## (SOUTH CORBIN-WOLFCAMP POOL - Cont'd.)

(2) The applicant, Southland Royalty Company, seeks the promulgation of special pool rules for the South Corbin-Wolfcamp Pool, Lea County, New Mexico, including a provision for 80-acre spacing units.

(3) By Order No. R-3342, effective December 1, 1967, the Commission created the South Corbin-Wolfcamp Pool as a result of the completion of the Aztec Oil and Gas Company Federal "MA" Well No. 2 located in Unit I of Section 21, Township 18 South, Range 33 East, NMPM, Lea County, New Mexico.

(4) Although the development of said pool has resulted in wells being drilled on what constitutes an 80-acre spacing pattern, it has remained since its creation governed by general statewide 40-acre spacing units.

(5) Geological and engineering evidence presented at the hearing showed that wells in the South Corbin-Wolfcamp Pool may be capable of draining 80-acre spacing units.

(6) Evidence and testimony at the hearing demonstrated that drilling wells in the South Corbin-Wolfcamp Pool on 40-acre spacing is uneconomical at the present time and may result in the drilling of unnecessary wells.

(7) Adoption of temporary special pool rules including provisions for 80-acre spacing would encourage continued drilling of South Corbin-Wolfcamp Pool wells, thereby producing oil which might not otherwise be produced, thereby preventing waste.

(8) 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, temporary special rules and regulations providing for 80-acre spacing units should be promulgated for the South Corbin-Wolfcamp Pool as previously defined and described.

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

(10) The temporary special rules and regulations should be established for an 18-month period in order to allow the operators in the subject pool to gather reservoir information to establish the area that can be efficiently and economically drained and developed by one well.

(11) Unless called earlier, this case should be reopened at an Oil Conservation Division examiner hearing in October, 1987, at which time the operators in the subject pool should be prepared to appear and show cause why the South Corbin-Wolfcamp Pool should not be developed on 40-acre spacing units.

## IT IS THEREFORE ORDERED THAT:

(1) Temporary Special Rules and Regulations for the South Corbin-Wolfcamp Pool, Lea County, New Mexico, as previously defined and described, are hereby promulgated as follows:

## TEMPORARY SPECIAL RULES AND REGULATIONS FOR THE SOUTH CORBIN-WOLFCAMP POOL

RULE 1. Each well completed or recompleted in the South Corbin-Wolfcamp Pool or in the Wolfcamp formation within one mile thereof, and not nearer to or within the limits of another designated Wolfcamp 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 Director of the Oil Conservation Division, hereinafter referred to as the "Division", may grant an exception to the requirements of Rule 2 without notice and hearing when an application has been filed for a nonstandard unit comprising a governmental quarter-quarter section or lot, or the unorthodox size or shape of the tract is due to a variation in the legal subdivision of the United States Public Land Surveys. 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 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 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.

RULE 5. The Division Director may grant an exception to the requirements of Rule 4 without 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 location shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished.

The Director may approve the application upon receipt of written waivers from all operators offsetting the proposed location or if no objection to the unorthodox location has been entered within 20 days after the Director has received the application.

RULE 6. A standard proration unit (79 through 81 acres) shall be subject to an 80-acre depth bracket allowable of 445 barrels of oil per day. 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 THAT:

(1) The locations of all wells presently drilling to or completed in the South Corbin-Wolfcamp Pool or in the Wolfcamp formation within one mile thereof are hereby approved; the operator of any well having an unorthodox location shall notify the Hobbs District Office of the Division in writing of the name and location of the well on or before July 1, 1986.

(2) Pursuant to Paragraph A. of Section 70-2-18, NMSA (1978), contained in Chapter 271, Laws of 1969, existing wells in the South Corbin-Wolfcamp Pool shall have dedicated thereto 80 acres in accordance with the foregoing pool rules; or, pursuant to Paragraph C. of said Section 70-2-18, existing wells may have non-standard spacing or proration units established by the Division and dedicated thereto.

Failure to file new Forms C-102 with the Division dedicating 80 acres to a well or to obtain a non-standard unit approved by the Division within 60 days from the date of this order shall subject the well to cancellation of allowable. Until said Form C-102 has 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 South Corbin-Wolfcamp Pool or in the Wolfcamp formation within one mile thereof shall receive no more than one-half of a standard allowable for the pool.

(SOUTH CORBIN-WOLFCAMP POOL - Cont'd.)

(3) Unless called earlier upon the motion of the Division, the case shall be reopened at an examiner hearing in October, 1987, at which time the operators in the subject pool should be prepared to appear and show cause why the South Corbin-Wolfcamp Pool should not be developed on 40-acre spacing units.

(4) 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.

NORTHEAST OJITO GALLUP-DAKOTA POOL  
Rio Arriba County, New Mexico

Order No. R-8188-A, Creating and Adopting Temporary Operating Rules for the Northeast Ojito Gallup-Dakota Pool, Rio Arriba County, New Mexico, June 1, 1986, as Amended by Order No. R-8188-B, December 1, 1987.

Application of Amoco Production Company for Pool Creation and Special Pool Rules, Rio Arriba County, New Mexico.

CASE NO. 8822 De Novo  
Order No. R-8188-A

ORDER OF THE COMMISSION

BY THE COMMISSION: This cause came on for hearing at 9 a.m. on May 20, 1986, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 27th day of June, 1986, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

FINDS THAT:

- (1) Due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) The applicant, Amoco Production Company, seeks an order deleting a portion of the Ojito Gallup-Dakota Oil Pool and creating the Northeast Ojito Gallup-Dakota Oil Pool with special pool rules including a provision for 160-acre spacing, Rio Arriba County, New Mexico.
- (3) Notice was given to all interested parties to appear and participate in the hearing.
- (4) Of those parties notified, Minel Inc. and Union Texas Petroleum Corporation appeared in opposition to the applicant.

(5) The applicant presented geologic and engineering evidence to demonstrate that the Gallup formation in the proposed new pool area was in fact in the same common source of supply with the Ojito Gallup-Dakota Oil Pool, but has producing characteristics sufficiently different to require the creation of such new pool.

(6) Certain of the Amoco wells in the proposed new pool area have high initial potential rates and sustained high production over a six (6) month period that indicate that the production of those wells is enhanced by natural fracturing.

(7) At the conclusion of the applicant's presentation and prior to the opponent's presentation, the parties to the hearing entered into an agreement acceptable to the Commission concerning this case.

(8) By agreement of the parties to the hearing, and in order to obtain additional data and to preserve the status quo during the temporary period, the creation of a special pool with 160-acre spacing on a temporary basis of 24 months protects the correlative rights of the interest owners involved.

(9) Applicant's evidence and testimony at the hearing demonstrated that drilling wells in the proposed Northeast Ojito Gallup-Dakota Oil Pool on 40-acre spacing is uneconomical at the present time and may result in the drilling of unnecessary wells.

(10) Applicant's engineering evidence presented at the hearing tended to demonstrate that certain wells in the proposed Northeast Ojito Gallup-Dakota Oil Pool are capable of effectively and efficiently draining 160-acre spacing units. However, such evidence is not conclusive and the development of appropriate spacing for this pool will require further study and development of factual and technical data.

(11) Adoption of temporary special pool rules including provisions for 160-acre spacing would encourage continued drilling in said proposed pool, thereby producing oil which might not otherwise be produced, thereby preventing waste.

(12) 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, temporary special rules and regulations providing for 160-acre spacing units should be promulgated for the proposed Northeast Ojito Gallup-Dakota Oil Pool.

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

(14) The temporary special rules should be established for a 24-month period in order to allow the operators in the subject pool to gather reservoir information to establish whether the temporary rules should be made permanent.

(15) This case should be reopened at an Oil Conservation Division examiner hearing in June, 1988, at which time the operators in the subject pool should be prepared to appear and show cause why the Northeast Ojito Gallup-Dakota Oil Pool should not be developed on 40-acre spacing units.

C W Trainer

526 Sandy Mtn. Dr. Sunrise Beach, Texas 78643 915-388-3674 FAX 1 800 232 3209

OIL CONSERVATION DIVISION

'89 NOV 3 AM 9 07

October 30, 1989

NSL - 2707

Robert N. Enfield  
Box 2431  
Santa Fe, NM 87504 2431

RE: South Corbin Wolfcamp Field  
Proration Unit covering  
S/2SE/4 Section 19,  
Enfield Hudson Federal #3  
2310' FEL, 660' FSL Sec. 19  
T-18-S, R-33-E  
Lea County, New Mexico

Dear Mr. Enfield:

C. W. Trainer waives any objection to your unorthodox location being 2310' FEL and 660' FSL (Unit 0) S/2SE/4 Section 19, Township 18 South, Range 33 East, being the proration unit attributable to this well, South Corbin Wolfcamp Field, on which you have requested administrative approval.

Very truly yours,

*C. W. Trainer*  
C. W. Trainer

XC: Michael Stogner - NMOCD - Box 2088  
Santa Fe, NM 87504 2088



NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Robert N. Enfield		Lease Hudson Federal		Well No. 3
Unit Letter 0	Section 19	Township 18 South	Range 33 East	County Lea

Actual Footage Location of Well:  
660 feet from the South line and 2310 feet from the East line

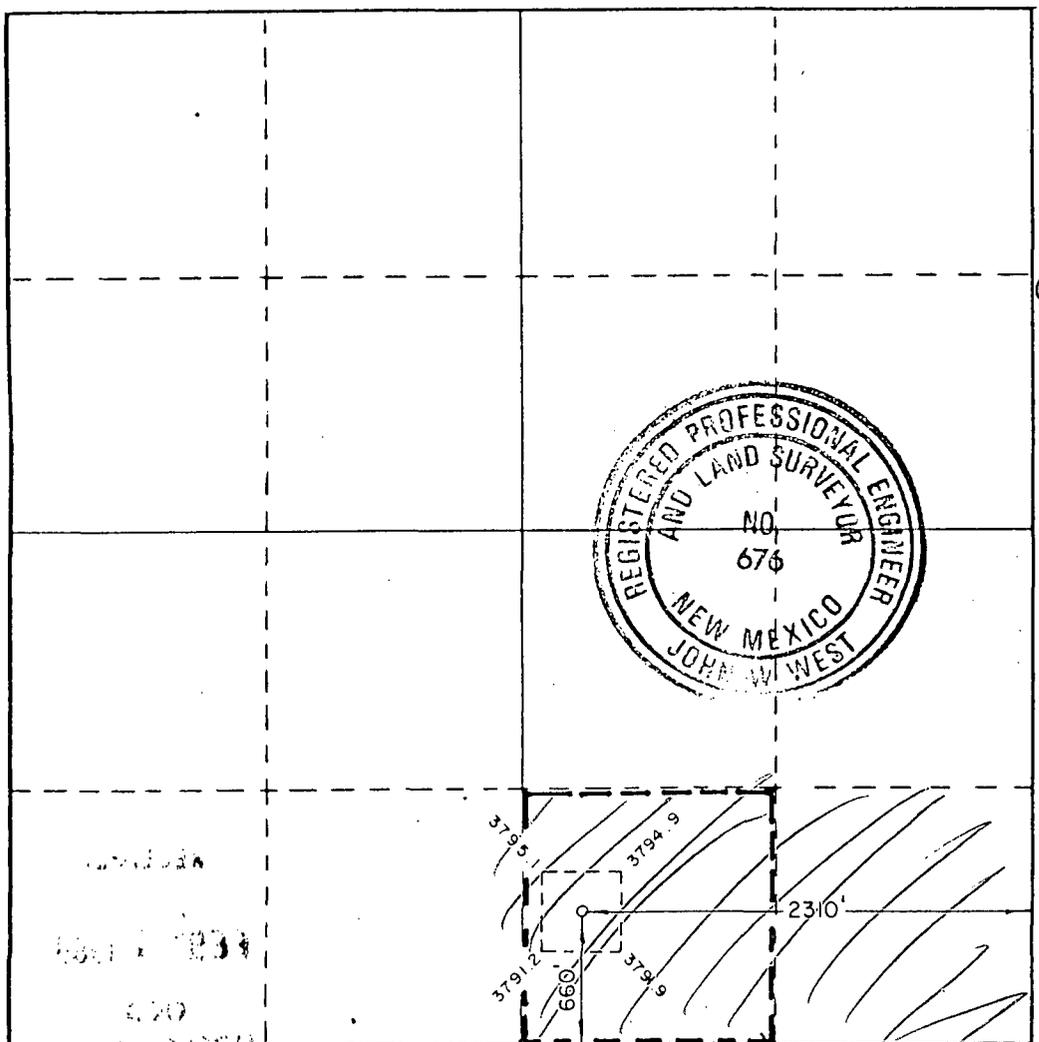
Ground Level Elev. 3793.7	Producing Formation STRAWN	Pool UNDESIGNATED SO. CORBIN STRAWN	Dedicated Acreage: 40 Acres
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1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes  No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Name *Arthur R. Brown*  
Arthur R. Brown

Position  
Agent

Company  
ROBERT N. ENFIELD

Date  
JANUARY 20, 1989

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 knowledge and belief.

Date Surveyed  
January 6, 1989

Registered Professional Engineer and/or Land Surveyor

*Ronald J. Eidson*

Certificate No. JOHN W. WEST, 676  
RONALD J. EIDSON, 3239



C W Trainer

526 Sandy Mtn. Dr. Sunrise Beach, Texas 78643 915-388-3674 FAX 1 800 232 3209

October 30, 1989

Robert N. Enfield  
Box 2431  
Santa Fe, NM 87504 2431

RE: South Corbin Wolfcamp Field  
Proration Unit covering  
S/2SE/4 Section 19,  
Enfield Hudson Federal #3  
2310' FEL, 660' FSL Sec. 19  
T-18-S, R-33-E  
Lea County, New Mexico

Dear Mr. Enfield:

C. W. Trainer waives any objection to your unorthodox location being 2310' FEL and 660' FSL (Unit D) S/2SE/4 Section 19, Township 18 South, Range 33 East, being the proration unit attributable to this well, South Corbin Wolfcamp Field, on which you have requested administrative approval.

Very truly yours,

*CW Trainer*  
C. W. Trainer

XC: Michael Stogner - NMOCD - Box 2088  
Santa Fe, NM 87504 2088