

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

June 10, 1968

**Pan American Petroleum Corporation
P. O. Box 68
Hobbs, New Mexico**

Attention: Mr. V. E. Staley

Administrative Order NSL-420

Gentlemen:

Reference is made to your application for approval of an unorthodox well location for your Duncan Federal Gas Com Well No. 1 to be located 950 feet from the North line and 950 feet from the West line of Section 18, Township 22 South, Range 24 East, NMPM, Indian Basin-Upper Pennsylvanian Gas Pool, Eddy County, New Mexico.

By authority granted me under the provisions of Rule 5 of Order No. R-2440, as amended, the above-described unorthodox well location is hereby approved.

Very truly yours,

**A. L. PORTER, Jr.
Secretary-Director**

ALP/GMH/esr

**cc: Oil Conservation Commission - Artesia
Oil & Gas Engineering Committee - Hobbs
United States Geological Survey - Roswell**

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
OIL CONSERVATION DIVISION
RECEIVED
95 DE 26 AM 8 52

NM OIL CONS COMMISSION SF
Drawer DD
Artesia, NM 88210

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other Re-entry

2. Name of Operator
 YATES PETROLEUM CORPORATION

3. Address and Telephone No.
 105 South Fourth Street, Artesia, New Mexico 88210

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 950' FNL and 950' FWL
 Sec. 18-T22S-R24E

5. Lease Designation and Serial No.
 NM-78215

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
 Hickory ALV Fed. #2

9. API Well No.
 32015-20163

10. Field and Pool, or Exploratory Area
 Indian Basin Upper Penn Associated Pool

11. County or Parish, State
 Eddy County, New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <u>Extend APD</u> <u>Re-entry</u>
	<input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

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

Yates Petroleum Corporation wishes to extend the above captioned wells expiration date for a year.
 Thank you.

APPROVED FOR 12 MONTH PERIOD
 ENDING 11/17/96

RECEIVED
 OCT 30 8 51 AM '95
 CARLENE H. HARRIS
 AREA HILARIOUS OFFICERS

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

Signed [Signature] Title Landman Date 10-27-95

(This space for Federal or State office use)

Approved by (ORIG. SCD.) JOE G. LARA Title PETROLEUM ENGINEER Date 12/13/95

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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

State of New Mexico
 Energy, Minerals and Natural Resources Department

Form C-102
 Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
 Santa Fe, New Mexico 87504-2088

DISTRICT I
 P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
 P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
 1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

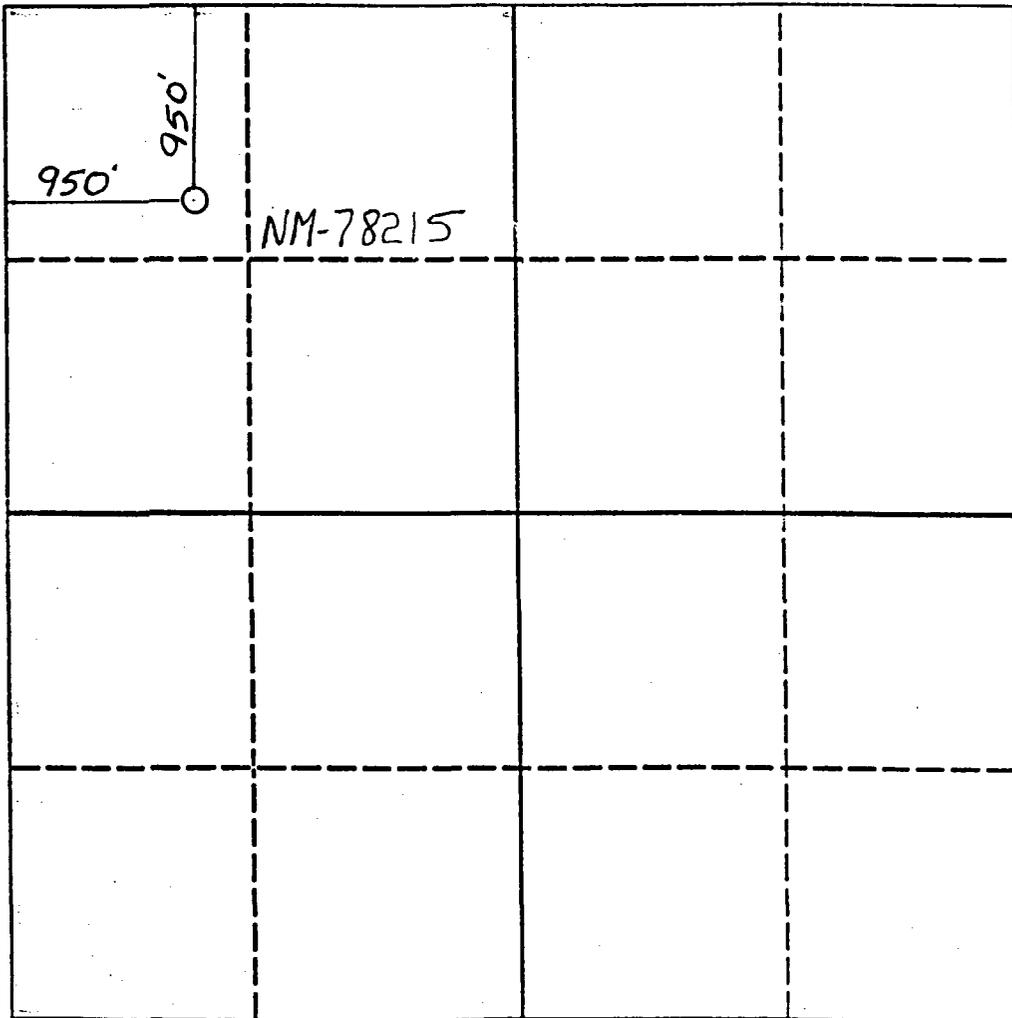
All Distances must be from the outer boundaries of the section

Operator YATES PETROLEUM CORPORATION			Lease Hickory "ALV" Federal		Well No. 2
Unit Letter D	Section 18	Township 22 South	Range 24 West	County NMPM Eddy	

Actual Footage Location of Well:
950 feet from the **North** line and **950** feet from the **East** line

Ground level Elev. 4172	Producing Formation Canyon	Pool Indian Basin Upper Penn Assoc.	Dedicated Acreage: 296.40 Acres
-----------------------------------	--------------------------------------	---	---

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. Pool
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest 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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

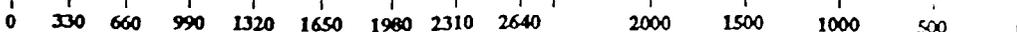
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature: *Ken Beardemphl*
 Printed Name: **KEN BEARDEMPHL**
 Position: **LANDMAN**
 Company: **YATES PETROLEUM CORPORATION**
 Date: **8/17/93**

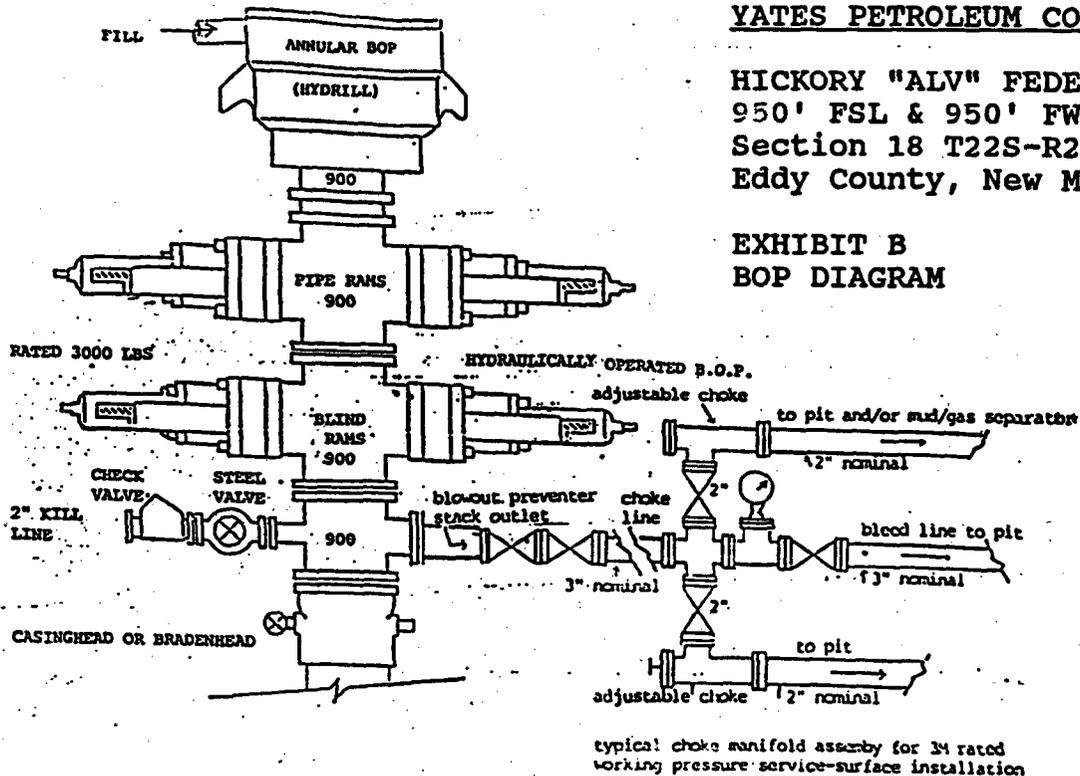
SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes 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: _____
 Signature & Seal of Professional Surveyor: _____
 Refer to Original Plat
 Certificate No.: _____



YATES PETROLEUM CORPORATION



YATES PETROLEUM CORPORATION

HICKORY "ALV" FEDERAL #2
950' FSL & 950' FWL
Section 18 T22S-R24E
Eddy County, New Mexico

EXHIBIT B BOP DIAGRAM

EXHIBIT B

THE FOLLOWING CONSTITUTES THE MINIMUM BLOWOUT PREVENTER REQUIREMENTS FOR 3000 PSI WP SYSTEMS

1. All preventers to be hydraulically operated with secondary manual controls installed prior to drilling out from under casing.
2. Choke outlet to be a minimum of 3" diameter.
3. Kill line to be of all steel construction of 3" minimum diameter.
4. All connections from operating manifolds to preventers to be all steel. Hole or tube to be a minimum of one inch in diameter.
5. The available closing pressure shall be at least 15% in excess of that required with sufficient volume to operate the B.O.P.'s.
6. All connections to and from preventer to have a pressure rating equivalent to that of the B.O.P.'s.
7. Inside blowout preventer to be available on rig floor.
8. Operating controls to be located a safe distance from the rig floor.
9. Hole must be kept filled on trips below intermediate casing.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
811 S. 1st Street
Artesia, NM 88210-2884

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

SF

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

YATES PETROLEUM CORPORATION

3. Address and Telephone No.

105 South Fourth Street, Artesia, NM 88210 505-748-1471

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

950' FNL and 950' FWL
Sec. 18-T.22S-R.24E

5. Lease Designation and Serial No.

NM-78215

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Hickory ALV Fed. #2

9. API Well No.

10. Field and Pool, or Exploratory Area

Indian Basin Upper Penn

Associated Pool

11. County or Parish, State

Eddy County, New Mexico

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

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other Extend APD
Re-entry

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

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

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

Yates Petroleum Corporation wishes to extend the above captioned wells' expiration date for another year.

Thank you.

APPROVED FOR 12 MONTH PERIOD

ENDING NOV. 17, 1997

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

Signed

Title

Landman

Date

10-9-96

(This space for Federal or State office use)

Approved by

(ORIG. SGD.) ARMANDO A. LOPEZ

Title

DEPARTMENT OF THE INTERIOR

Date

10/18/96

Conditions of approval, if any:

RECEIVED
OCT 10 0 13 AM '96

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Divisio.
311 S. 1st Street
Artesia, NM 87210-2834

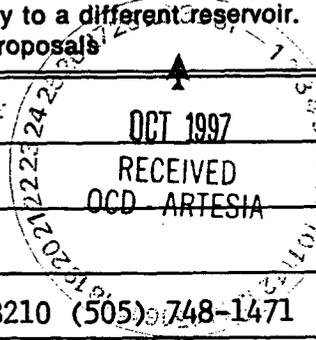
FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SF

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE



1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. NM-78215
2. Name of Operator YATES PETROLEUM CORPORATION	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 105 South Fourth Street, Artesia, New Mexico 88210 (505) 748-1471	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 950' FNL and 950' FWL Section 18, T22S-R24E	8. Well Name and No. Hickory ALV Federal #2
	9. API Well No.
	10. Field and Pool, or Exploratory Area Indian Basin Upper Perm Associated Pool
	11. County or Parish, State Eddy County, New Mexico

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

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

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

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

Yates Petroleum Corporation wishes to extend the captioned well's APD expiration date for one (1) year to November 17, 1998.

Thank you.

APPROVED FOR 12 MONTH PERIOD
ENDING NOV 17 1998

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

Signed [Signature] Title Landman Date October 7, 1997

(This space for Federal or State office use)

Approved by ORIG. SGTJ DAVID A. GLASS Title _____ Date OCT 27 1997

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
 DRILL DEEPEN **STC**

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER Re-entry SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 YATES PETROLEUM CORPORATION

3. ADDRESS AND TELEPHONE NO.
 105 South Fourth Street, Artesia, New Mexico 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 950' FNL & 950' FWL
 At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approx. 30 miles Northwest of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 950'

16. NO. OF ACRES IN LEASE 1256.40

17. NO. OF ACRES ASSIGNED TO THIS WELL 320

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 8700'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4172' GR

22. APPROX. DATE WORK WILL START* ASAP

5. LEASE DESIGNATION AND SERIAL NO.
 NM-78215

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
 Hickory "ALV" Federal #2

9. AP WELL NO.

10. FIELD AND POOL, OR WILDCAT
 Indian Basin Upper Perm Associated Pool

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 18-T22S-R24E

12. COUNTY OR PARISH Eddy

13. STATE NM

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48# H-40	191' In Place	350 sacks circulated
12 1/4"	8 5/8"	24# J-55	2301' In Place	1075 sacks
7 7/8"	5 1/2"	17# L-80	8700'	400 sacks

Yates Petroleum Corporation proposes to re-enter this well which was originally drilled by Pan American Petroleum Corporation September 16, 1968 as the Duncan Federal Gas Com #1. This well was plugged and abandoned October 29, 1968.

Yates plans to re-enter this well and cleanout to the original TD of 7791' then deepen to 100' below the Canyon Dolomite run 5 1/2" casing and complete in the Canyon Dolomite.

APPROVAL SUBJECT TO
 GENERAL REQUIREMENTS AND
 SPECIAL STIPULATIONS
 ATTACHED

RECEIVED
 AUG 18 3 03 PM '93
 CARLSBAD RESOURCE
 AREA MANAGERS

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] TITLE LANDMAN DATE 8/17/93

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
 CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY (ORIG. SGD.) RICHARD L. MANUS TITLE AREA MANAGER DATE NOV 17 1993

*See Instructions On Reverse Side

30-015-20163

Conservation Division
RECEIVED
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

'93 NOV 29 AM 9 31

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

5. Lease Designation and Serial No.
NM-78215

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Hickory "ALV" Federal

9. API Well No.

10. Field and Pool, or Exploratory Area
Indian Basin Upper Pen
Associated Pool

11. County or Parish, State
Eddy County, New Mexico

SUBMIT IN TRIPLICATE

NOV 22 1993

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
YATES PETROLEUM CORPORATION

3. Address and Telephone No.
105 South Fourth Street, Artesia, New Mexico 88210

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
950' FNL & 950' FWL
Sec. 18-T22S-R24E

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

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

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

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

Yates Petroleum Corporation proposes to re-enter the captioned well for the purpose of obtaining production from the Canyon formation. This well was originally drilled by Pan American Petroleum Corporation and was plugged and abandoned in 1968. Please note attached copy of form 3160-3 which contains the information needed to perform the re-entry.

Former; Pan Am. Pet. Corp. - Duncan Fed Gas Com #1
OTD-2991 P4A-10-29-68

RECEIVED
AUG 13 3 03 PM '93
CARLENE S. HARRIS
AREA HEADQUARTERS

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

14. I hereby certify that the foregoing is true and correct
Signed Ken Deardorff Title LANDMAN Date 8/17/93

(This space for Federal or State office use)
Approved by (ORIG. SGD.) RICHARD L. MANUS Title AREA MANAGER Date NOV 17 1993
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

NEW MEXICO OIL CONSERVATION COMM. ON
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-192
Supersedes C-126
Effective 1-65

All distances must be from the outer boundaries of the Section

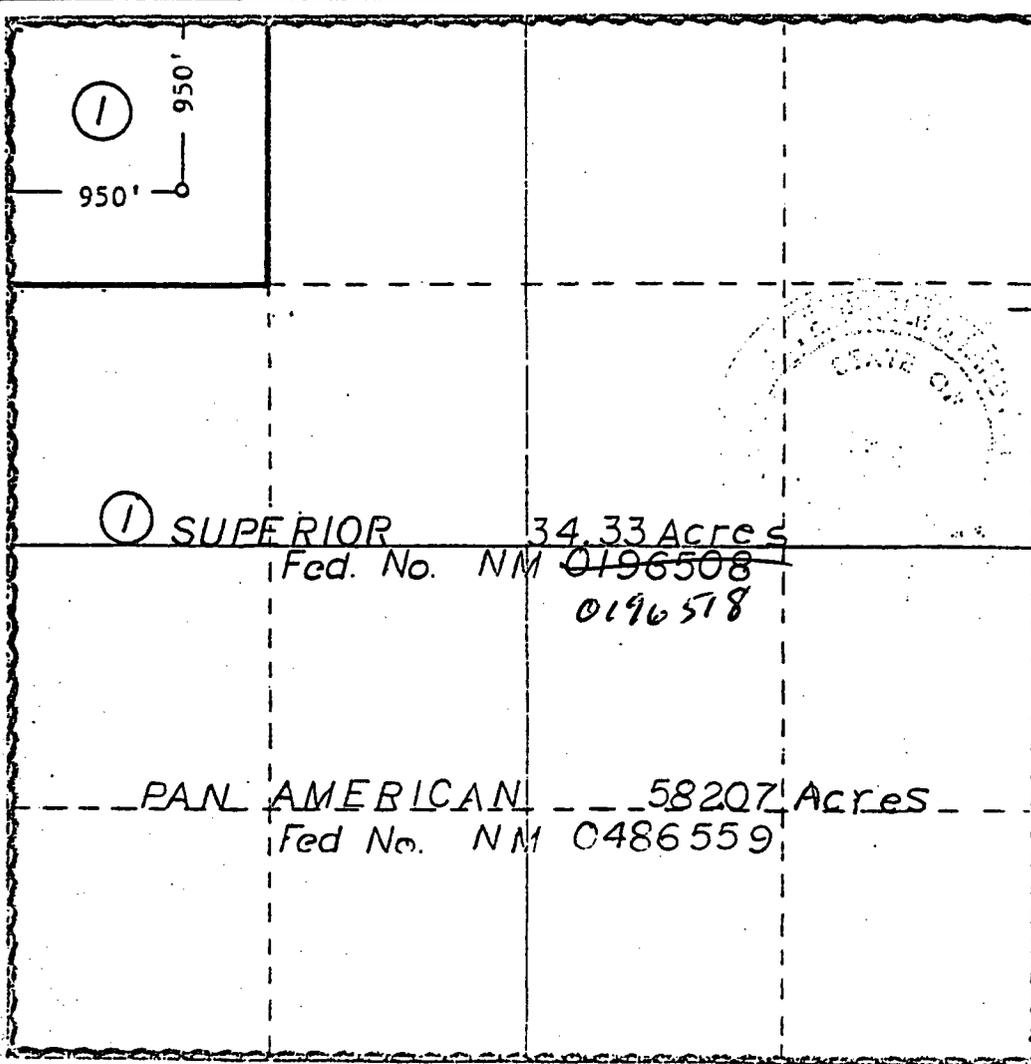
Operator PAN AMERICAN PETROLEUM CORP.		Lease DUNCAN FEDERAL GAS COM		Well No. 1
Section Letter D	Section 18	Township 22 SOUTH	Range 24 EAST	County EDDY
Actual Portage Location of Well: 950 feet from the NORTH line and 950 feet from the WEST line.				
Ground Level Elev.	Producing Formation Upper Penn	Pool Indian Basin - Upper Penn	Estimated Acreage: 616.40	

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 consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation COMMUNITIZATION **AUG 27 1968**

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.

[Signature]

Position
AREA SUPERINTENDENT

Company
Pan American Petro. Corp.

Date
6-20-68

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
MAY 15, 1968

Registered Professional Engineer and/or Land Surveyor

[Signature: John W West]