

9/28/98 | 10/19/98 | MS | MN | NSL

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

ADMINISTRATIVE APPLICATION COVERSHEET

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

Application Acronyms:

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

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

[A] Location - Spacing Unit - Directional Drilling

- NSL
- NSP
- DD
- SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement

- DHC
- CTB
- PLC
- PC
- OLS
- OLM

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

- WFX
- PMX
- SWD
- IPI
- EOR
- PPR

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply

[A] Working, Royalty or Overriding Royalty Interest Owners

[B] Offset Operators, Leaseholders or Surface Owner

[C] Application is One Which Requires Published Legal Notice

[D] Notification and/or Concurrent Approval by BLM or SLO

U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] Waivers are Attached

[3] INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I further verify that all applicable API Numbers are included. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

JAMES BRUCE
P.O. BOX 1056
SANTA FE, NM 87504

Note: Statement must be completed by an individual with supervisory capacity.

James Bruce
Signature

Applicant
Title

9/28/98
Date

Print or Type Name

JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
SANTA FE, NEW MEXICO 87504

SUITE B
612 OLD SANTA FE TRAIL
SANTA FE, NEW MEXICO 87501

(505) 982-2043
(505) 982-2151 (FAX)

September 28, 1998

Hand Delivered

Michael E. Stogner
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

Dear Mr. Stogner:

Pursuant to Division Rule 104.F.(2), Pogo Producing Company ("Pogo") applies for administrative approval of an unorthodox oil well location for the following well:

Patton "17" Fed. Well No. 10
1800 feet FNL & 1300 feet FEL
SE $\frac{1}{4}$ NE $\frac{1}{4}$ (Unit H) §17, Township 24 South, Range 31 East, NMPM
Eddy County, New Mexico

Attached as Exhibit A-1 are an APD (Form 3160-3) and the original Form C-102 for the well. A Sundry Notice and a revised Form C-102 are attached as Exhibit A-2.

The well will be drilled to a depth sufficient to test the Bone Spring formation (wildcat Bone Spring). Pogo also requests approval of an unorthodox location in the Delaware formation, which is the primary zone of interest (Poker Lake-Delaware Pool).¹ Both formations are governed by statewide rules, with 40 acre spacing and wells to be located no closer than 330 feet to a quarter-quarter section line.

The proposed location is based upon geologic reasons. Attached as Exhibit B is a structure map on the Brushy Canyon Sand marker. The proposed location is based on well control, and is interpreted to be at the highest structural position in the most favorable reservoir trend in the well unit. The original well location was

¹The pool is to be extended to include the NE $\frac{1}{4}$ of Section 17 in Division Case No. 12058.

orthodox. See Exhibit A-1. However, additional well control shows that the further west the well is located in the well unit, the better its chances to encounter potential Brushy Canyon pay, and the higher the chance it will be a commercially viable well. Thus, the well was moved to a new location. See Exhibit A-2. Placing the well at its proposed location reduces the risk involved in drilling the well.

Submitted as Exhibit C is a land plat of the subject area, with the location of the proposed well and existing Delaware wells marked thereon. All of Section 17 is subject to federal lease NM 89172, which is operated by Pogo from the surface to the base of the Bone Spring formation. Working, royalty, and overriding royalty ownership is common throughout Section 17 in the target formations. As to the working interest, Pogo owns 60% and Burlington Oil & Gas Company owns 50%.

Since interest ownership is common in the proposed well unit and in acreage offsetting the well, notice is not required to be given to any offset owner. As a result, Pogo requests that the 20 day waiting period be waived.

This application is submitted in duplicate. Please call me if you need anything further on this matter.

Very truly yours,

James Bruce

Attorney for Pogo
Producing Company

cc: Terry Gant

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE.
(Other instructions on reverse side)

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

MAR 9 1998

5. LEASE DESIGNATION AND SERIAL NO.
NM- 89172

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Patton "17" Federal No. 10

9. API WELL NO.

10. FIELD AND POOL, OR WILDCAT

Poker Lake, Delaware

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

Section 17, T-24S, R-31E

12. COUNTY OR PARISH

Eddy Co.

13. STATE

N.M.

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL

DEEPEN

MIDLAND

b. TYPE OF WELL

OIL WELL

GAS WELL

OTHER

SINGLE ZONE

MULTIPLE ZONE

1. NAME OF OPERATOR

Pogo Producing Company

3. ADDRESS AND TELEPHONE NO.

P.O. Box 10340

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

At surface 1650' FNL & 810' FEL of Section 17

At proposed prod. zone

Same

SECRETARY'S POTASH

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE.

20 miles southeast of Loving, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

810'

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

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

1320'

19. PROPOSED DEPTH

8350'

20. ROTARY OR CABLE TOOLS

Rotary

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

3545' Ground Level

CARLEMAN CONTROLLED WATER BASIN

22. APPROX. DATE WORK WILL START*

Upon Approval

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14-3/4"	10-3/4" H-40	32.75#	650' WITNESS	550 sx Class "C" (Circulate)
9-7/8"	7-5/8" J-55	26.40#	4,250	1000 sx (Circulate)
6-3/4"	4-1/2" J-55	11.60#	8,350'	950 sx (3200')

The Operator proposes to drill to a depth sufficient to test the Delaware and Bone Springs for oil. Specific programs are outlined in the following attachments:

- DRILLING PROGRAM
- SURFACE USE AND OPERATING PLAN
- EXHIBIT "A" - ROAD MAP
- EXHIBIT "B" - EXISTING WELL MAP
- EXHIBIT "C" - LOCATION AND DEDICATION PLAT
- EXHIBIT "C-1" - TOPO MAP
- EXHIBIT "D" - DRILLING RIG LAYOUT
- EXHIBIT "E" - 3M BOP EQUIPMENT

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED



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 deeper directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED James W. C. Raley Jr TITLE Agent DATE 1/28/98

(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 [Signature] TITLE SD DATE 5/4/98

*See Instructions On Reverse Side

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

DISTRICT I
P.O. Box 1960, Hobbs, NM 88241-1960

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION
P.O. Box 2088

DISTRICT III
1900 Rio Brazos Rd., Aztec, NM 87410

Santa Fe, New Mexico 87504-2088

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 96650	Pool Name COTTON DRAW BONE SPRINGS, SW
Property Code 20010	Property Name PATTON 17 FEDERAL	Well Number 10
OGRID No. 017891	Operator Name POGO PRODUCING COMPANY	Elevation 3545

Surface Location

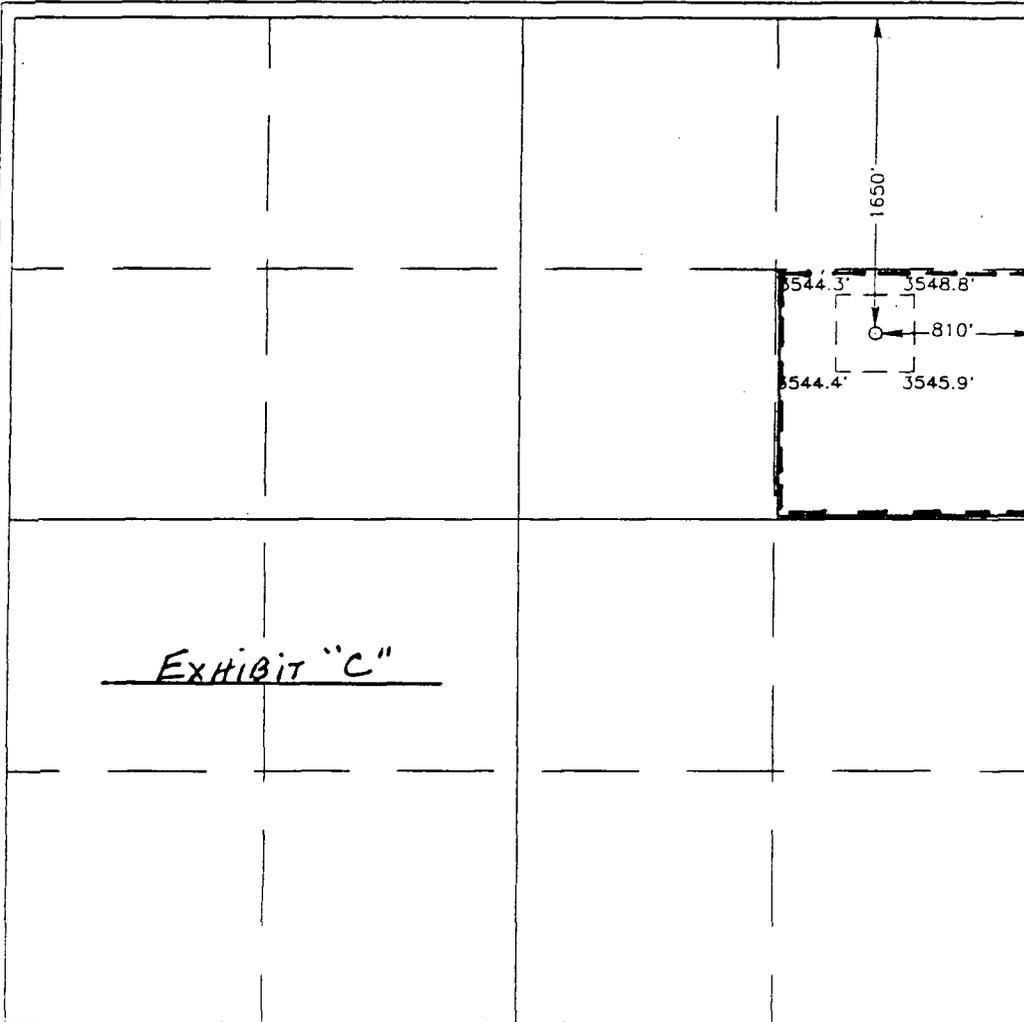
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	17	24 S	31 E		1650	NORTH	810	EAST	EDDY

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.

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



OPERATOR CERTIFICATION

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

James M.C. Ritchie, Jr.
Signature

JAMES M.C. Ritchie, Jr.
Printed Name

AGENT
Title

JAN 28, 1998
Date

SURVEYOR CERTIFICATION

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

DECEMBER 31, 1997
Date Surveyed

J. EDISON
Signature of Professional Surveyor

DMCC

NEW MEXICO
STATE OF SURVEYORS
87-11-2105-98

Certificate No. 676
EIDSON 3239
EIDSON 12641

Amended
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

<p>1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other</p> <p>2. Name of Operator Pogo Producing Company</p> <p>3. Address and Telephone No. P.O. Box 10340, Midland, Texas 79702 (915) 685-8100</p> <p>4. Location of Well (Footage, Sec., T. R. M. or Survey Description) 1650' FNL & 810' FEL of Section 17, T-24S, R-31E</p>	<p>5. Lease Designation and Serial No. NM-89172</p> <p>6. If Indian, Allottee or Tribe Name</p> <p>7. If Unit or CA, Agreement Designation</p> <p>8. Well Name and No. Patton "17" Federal No. 10</p> <p>9. API Well No.</p> <p>10. Field and Pool, or Exploratory Area Poker Lake (Delaware)</p> <p>11. County or Parish, State Eddy Co., N.M.</p>
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12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

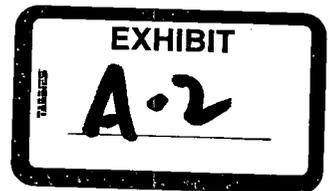
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <u>Move location</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.)*

Pogo Producing Company hereby request that the above captioned well be moved to the following calls:

1800' FNL & 1300' FEL of Section 17, T-24S, R-31E, Eddy County, New Mexico

The new location has been staked and arch cleared.



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

Signed <u>James M.C. Ritchie, Jr.</u>	Title <u>Agent</u>	Date <u>09/22/98</u>
<small>(This space for Federal or State office use)</small>		
Approved by _____	Title _____	Date _____
Conditions of approval if any: _____		

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

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

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
P.O. Box 2088

Santa Fe, New Mexico 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 96650	Pool Name COTTON DRAW BONE SPRINGS, SW
Property Code 20010	Property Name PATTON 17 FEDERAL	Well Number 10
OGRID No. 017891	Operator Name POGO PRODUCING CO.	Elevation 3543'

Surface Location

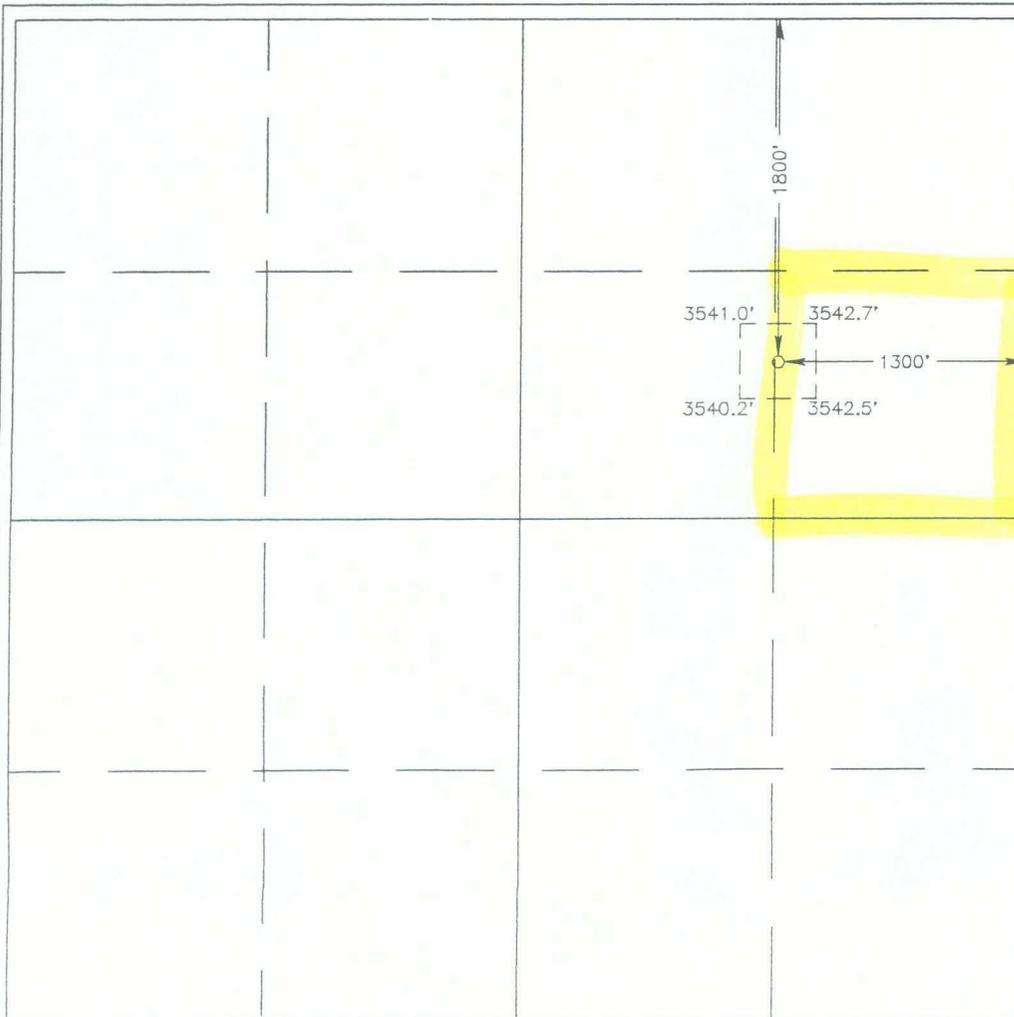
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	17	24 S	31 E		1800	NORTH	1300	EAST	EDDY

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.

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



OPERATOR CERTIFICATION

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

James M. C. Ritchie
Signature
James M. C. Ritchie, Sr.
Printed Name
Agent
Title
9-22-98
Date

SURVEYOR CERTIFICATION

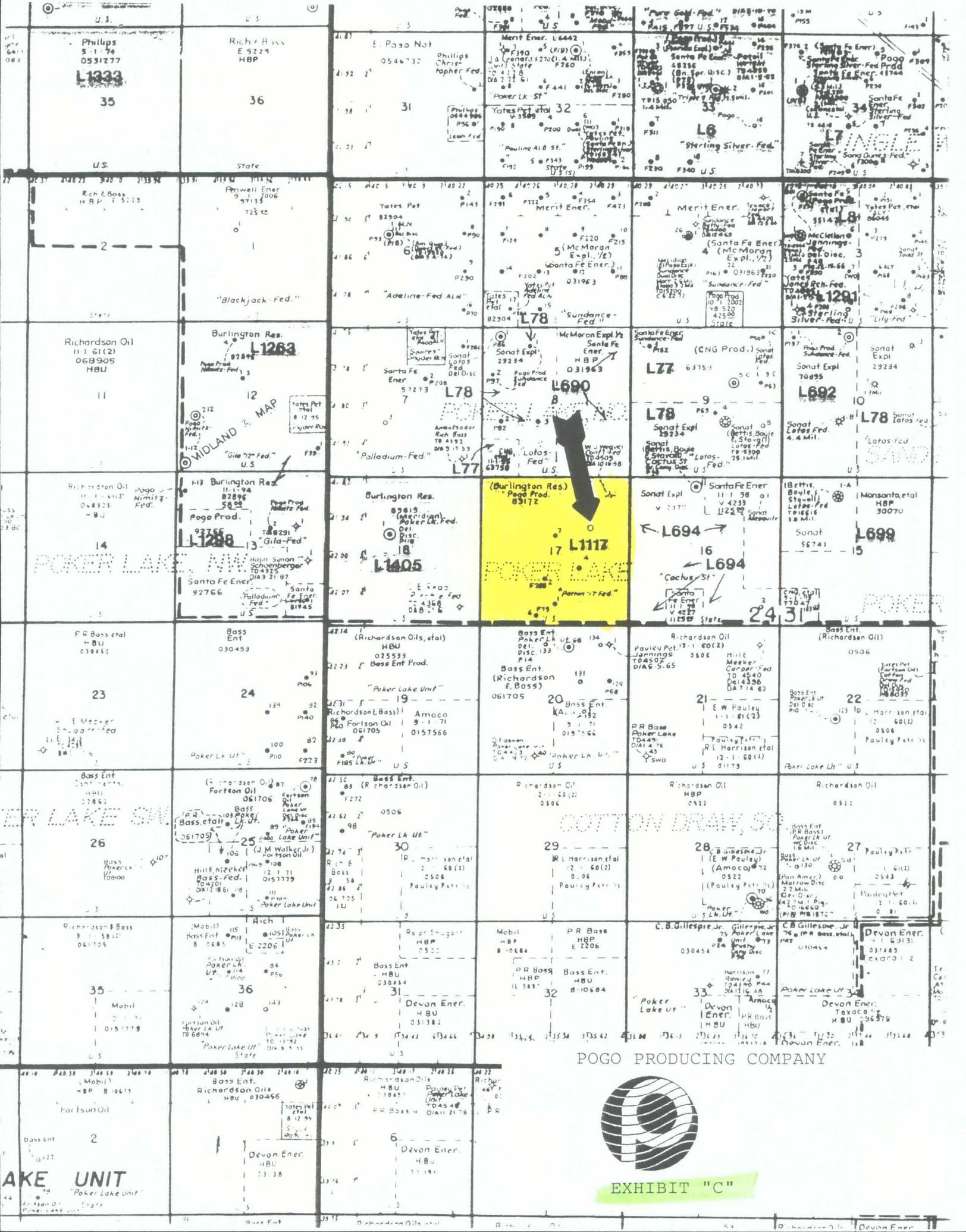
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

SEPTEMBER 18, 1998

Date Surveyed CDG
Signature & Seal of Professional Surveyor

Ronald J. Eidson
9-21-98
98-11-1260

Certificate No. RONALD J. EIDSON 3239
GARY EIDSON 12641



POGO PRODUCING COMPANY



EXHIBIT "C"

JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
SANTA FE, NEW MEXICO 87504

SUITE B
612 OLD SANTA FE TRAIL
SANTA FE, NEW MEXICO 87501

(505) 982-2043
(505) 982-2151 (FAX)

September 28, 1998

Hand Delivered

Michael E. Stogner
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

Dear Mr. Stogner:

Pursuant to Division Rule 104.F.(2), Pogo Producing Company ("Pogo") applies for administrative approval of an unorthodox oil well location for the following well:

Patton "17" Fed. Well No. 10
1800 feet FNL & 1300 feet FEL
SE $\frac{1}{4}$ NE $\frac{1}{4}$ (Unit H) S17, Township 24 South, Range 31 East, NMPM
Eddy County, New Mexico

Attached as Exhibit A-1 are an APD (Form 3160-3) and the original Form C-102 for the well. A Sundry Notice and a revised Form C-102 are attached as Exhibit A-2.

The well will be drilled to a depth sufficient to test the Bone Spring formation (wildcat Bone Spring). Pogo also requests approval of an unorthodox location in the Delaware formation, which is the primary zone of interest (Poker Lake-Delaware Pool).¹ Both formations are governed by statewide rules, with 40 acre spacing and wells to be located no closer than 330 feet to a quarter-quarter section line.

The proposed location is based upon geologic reasons. Attached as Exhibit B is a structure map on the Brushy Canyon Sand marker. The proposed location is based on well control, and is interpreted to be at the highest structural position in the most favorable reservoir trend in the well unit. The original well location was

¹The pool is to be extended to include the NE $\frac{1}{4}$ of Section 17 in Division Case No. 12058.

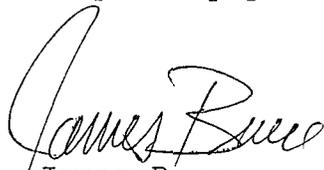
orthodox. See Exhibit A-1. However, additional well control shows that the further west the well is located in the well unit, the better its chances to encounter potential Brushy Canyon pay, and the higher the chance it will be a commercially viable well. Thus, the well was moved to a new location. See Exhibit A-2. Placing the well at its proposed location reduces the risk involved in drilling the well.

Submitted as Exhibit C is a land plat of the subject area, with the location of the proposed well and existing Delaware wells marked thereon. All of Section 17 is subject to federal lease NM 89172, which is operated by Pogo from the surface to the base of the Bone Spring formation. Working, royalty, and overriding royalty ownership is common throughout Section 17 in the target formations. As to the working interest, Pogo owns 60% and Burlington Oil & Gas Company owns 50%.

Since interest ownership is common in the proposed well unit and in acreage offsetting the well, notice is not required to be given to any offset owner. As a result, Pogo requests that the 20 day waiting period be waived.

This application is submitted in duplicate. Please call me if you need anything further on this matter.

Very truly yours,



James Bruce

Attorney for Pogo
Producing Company

cc: Terry Gant

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE.
(Other instructions on reverse side)

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

MAR 9 1998

5. LEASE DESIGNATION AND SERIAL NO.
NM- 89172

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO
Patton "17" Federal No. 10

9. API WELL NO.

10. FIELD AND POOL, OR WILDCAT
Poker Lake, Delaware

11. SEC., T., R., OR BLK. AND SURVEY OR AREA
Section 17, T-24S, R-31E

12. COUNTY OR PARISH
Eddy Co.

13. STATE
N.M.

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE.
20 miles southeast of Loving, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drip unit line, if any)
810'

16. NO. OF ACRES IN LEASE
640

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
1320'

19. PROPOSED DEPTH
8350'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3545' Ground Level

22. APPROX. DATE WORK WILL START*
Upon Approval

SECRETARY'S POTASH

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14-3/4"	10-3/4" H-40	32.75#	650'	550 sx Class "C" (Circulate)
9-7/8"	7-5/8" J-55	26.40#	4,250	1000 sx (Circulate)
6-3/4"	4-1/2" J-55	11.60#	8,350'	950 sx (3200')

The Operator proposes to drill to a depth sufficient to test the Delaware and Bone Springs for oil. Specific programs are outlined in the following attachments:

- DRILLING PROGRAM
- SURFACE USE AND OPERATING PLAN
- EXHIBIT "A" - ROAD MAP
- EXHIBIT "B" - EXISTING WELL MAP
- EXHIBIT "C" - LOCATION AND DEDICATION PLAT
- EXHIBIT "C-1" - TOPO MAP
- EXHIBIT "D" - DRILLING RIG LAYOUT
- EXHIBIT "E" - 3M BOP EQUIPMENT

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED



2/25/98

24. 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 deeper directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED [Signature] TITLE Agent DATE 1/28/98

(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 [Signature] TITLE SD DATE 3/4/98

*See Instructions On Reverse Side

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

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 2 Copies

DISTRICT II
P.O. Drawer 00, Artesia, NM 88211-0719

DISTRICT III
1900 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code	Pool Name
Property Code		Property Name	Well Number
OGRID No.		Operator Name	Elevation
20010		PATTON 17 FEDERAL	10
017891		POGO PRODUCING COMPANY	3545

Surface Location

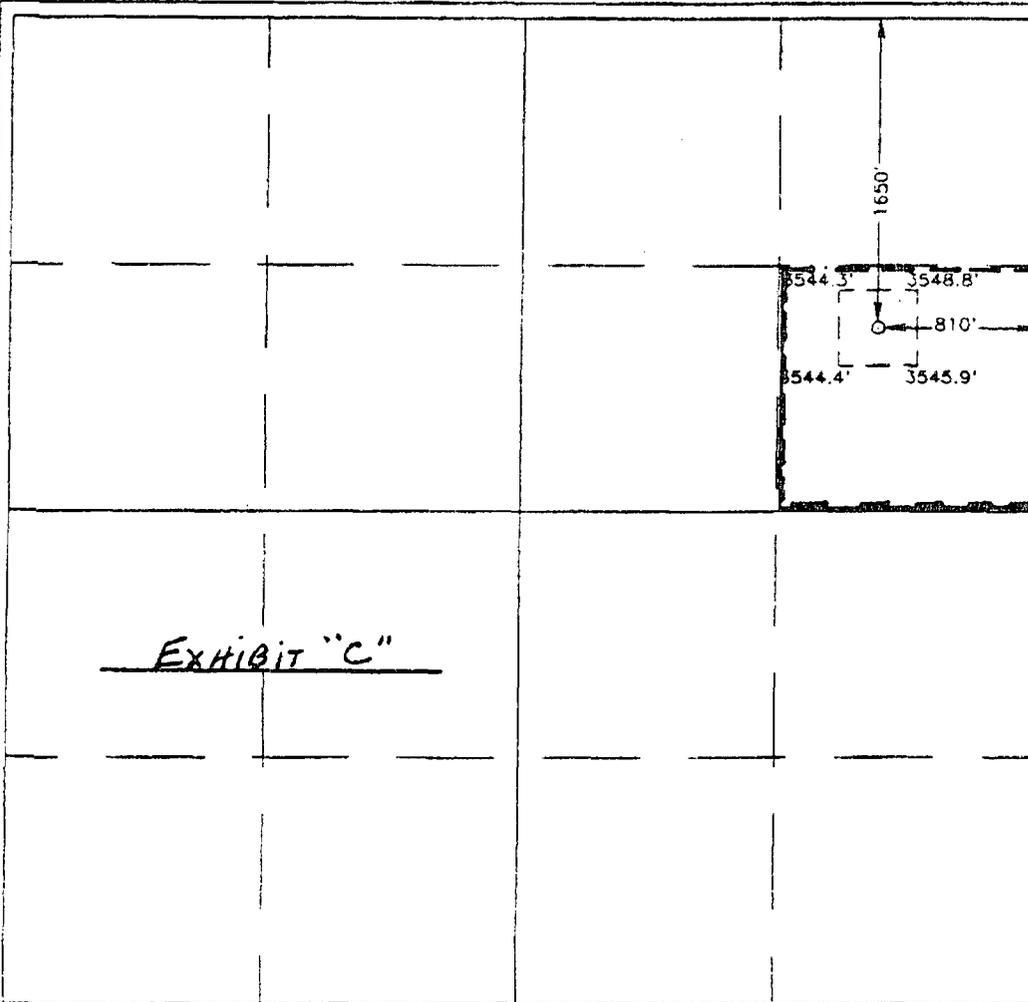
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	17	24 S	31 E		1650	NORTH	810	EAST	EDDY

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.

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



OPERATOR CERTIFICATION

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

James M.C. Ritchie, Jr.
Signature
JAMES M.C. Ritchie, Jr.
Printed Name
AGENT
Title
JAN 28, 1998
Date

SURVEYOR CERTIFICATION

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

DECEMBER 31, 1997
Date Surveyed
J. EIDSON
Signature
Seal of Professional Surveyor
DMCC
Professional Surveyor
NEW MEXICO
197-1-210
205-98
Certification No. 576
J2J9
12541

Amended
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

<p>1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other</p> <p>2. Name of Operator Pogo Producing Company</p> <p>3. Address and Telephone No. P.O. Box 10340, Midland, Texas 79702 (915) 685-8100</p> <p>4. Location of Well (Footage, Sec., T., R., M. or Survey Description) 1650' FNL & 810' FEL of Section 17, T-24S, R-31E</p>	<p>5. Lease Designation and Serial No. NM-89172</p> <p>6. If Indian, Allottee or Tribe Name</p> <p>7. If Unit or CA, Agreement Designation</p> <p>8. Well Name and No. Patton "17" Federal No. 10</p> <p>9. API Well No.</p> <p>10. Field and Pool, or Exploratory Area Poker Lake (Delaware)</p> <p>11. County or Parish, State Eddy Co., N.M.</p>
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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"/> 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>Move location</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.)*

Pogo Producing Company hereby request that the above captioned well be moved to the following calls:

1800' FNL & 1300' FEL of Section 17, T-24S, R-31E, Eddy County, New Mexico

The new location has been staked and arch cleared.



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

Signed <u>James M.C. Ritchie, Jr.</u>	Title <u>Agent</u>	Date <u>09/22/98</u>
(This space for Federal or State office use) Approved by _____ Title _____ Date _____ Conditions of approval if any: _____		

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 86211-0719

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

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 96650	Pool Name COTTON JETA BONE Springs SW
Property Code 20010	Property Name PATTON 17 FEDERAL	Well Number 10
OGRID No. 017891	Operator Name POGO PRODUCING CO.	Elevation 3543'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	17	24 S	31 E		1800	NORTH	1300	EAST	EDDY

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.

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



OPERATOR CERTIFICATION

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

James M. C. Ritchie
Signature
James M. C. Ritchie, Sr.
Printed Name
AGENT
Title
9-22-98
Date

SURVEYOR CERTIFICATION

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

SEPTEMBER 18, 1998
Date Surveyed CDG
Signature & Seal of Professional Surveyor
Ronald J. Eidson 9-21-98
98-11-1260
Certificate No. RONALD J. EIDSON 3239
GARY EIDSON 12641

R31E

T24S

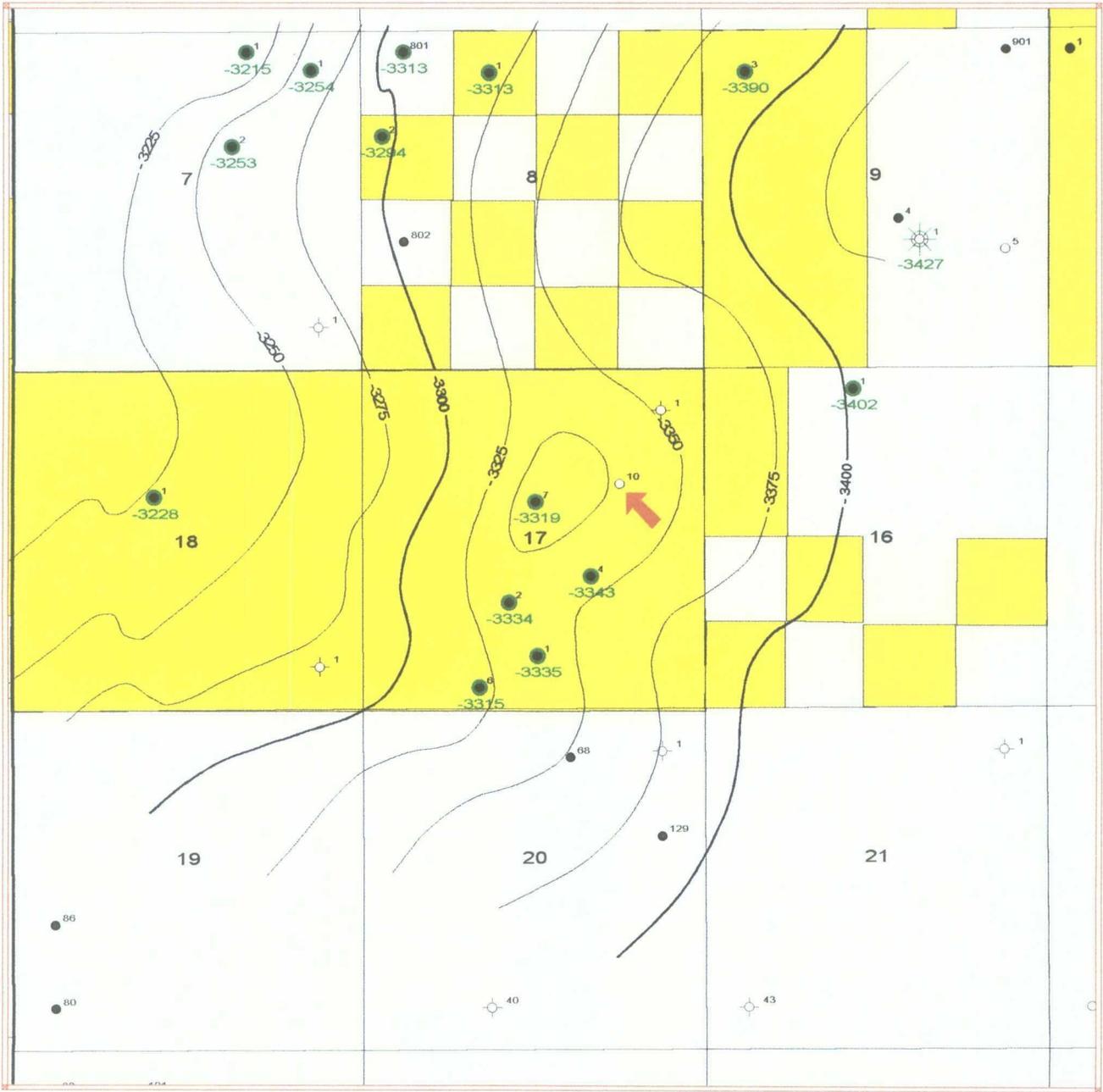


Exhibit "B"



Proposed Unorthodox Location

Patton 17 #10 Application for Administrative Approval



POGO PRODUCING COMPANY

POKER LAKE PROSPECT
Eddy County, New Mexico
Brushy Canyon Marker Structure Map

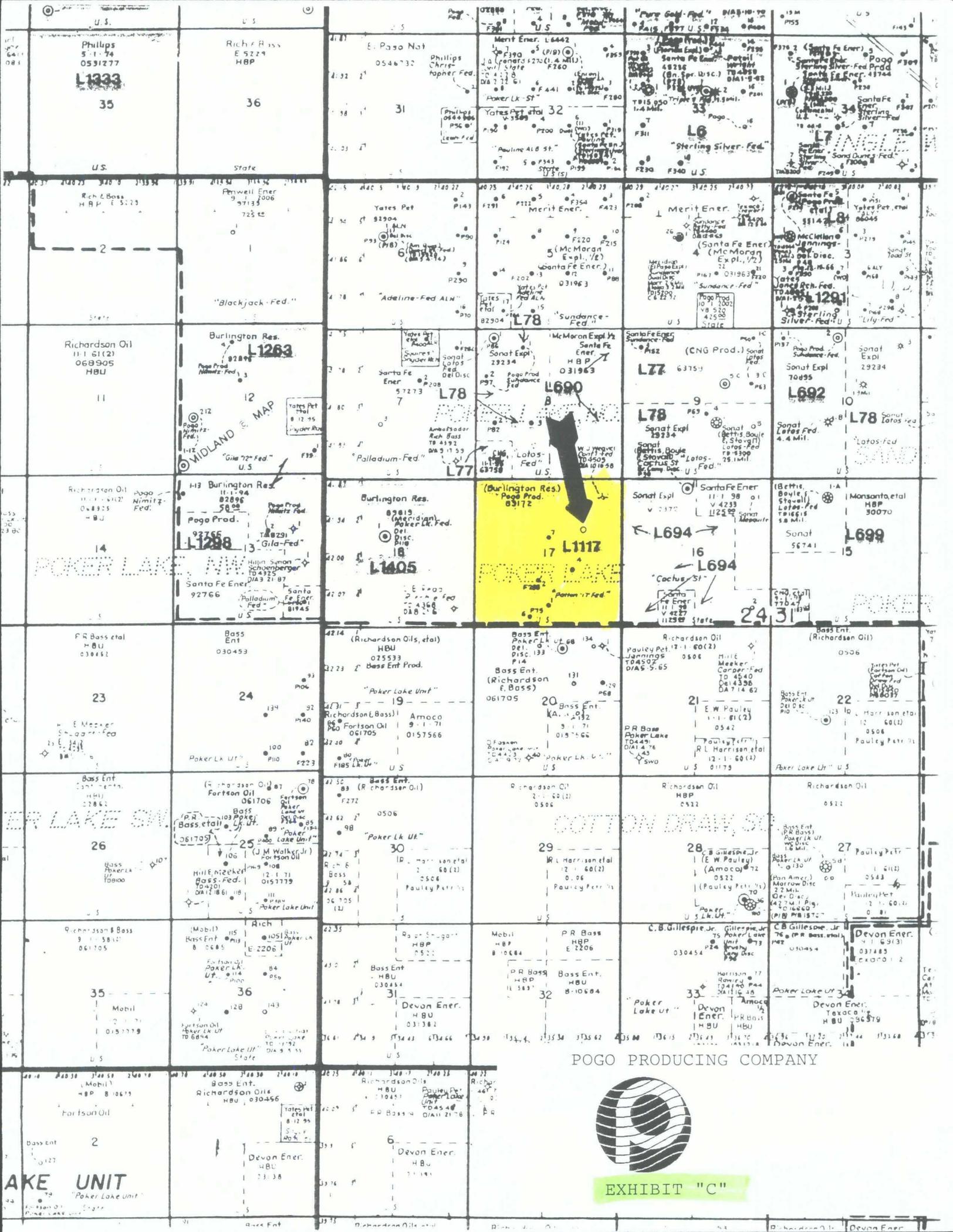
Geol: C. Dillman

9/16/98

Techn: T. Rodriguez

Scale: 1:25000

stc.lc.f.gpt



POGO PRODUCING COMPANY



EXHIBIT "C"

POKER LAKE UNIT

CMD :
OG6C101

ONGARD
C101-APPLICATION FOR PERMIT TO DRILL

10/08/98 16:56:58
OGOIV -EMDX

OGRID Idn : 17891 API Well No: 30 15 30156 APD Status(A/C/P): A
Opr Name, Addr: POGO PRODUCING CO Aprvl/Cncl Date : 03-04-1998
PO BOX 10340
MIDLAND, TX 79702-7340

Prop Idn: 20010 PATTON 17 FEDERAL Well No: 10

	U/L	Sec	Township	Range	Lot Idn	North/South	East/West
Surface Locn	: H	17	24S	31E		FTG 1650 F N	FTG 810 F E
OCD U/L	: H		API County	: 15			

Work typ(N/E/D/P/A) : N Well typ(O/G/M/I/S/W/C): O Cable/Rotary (C/R) : R
Lease typ(F/S/P/N/J/U/I): F Ground Level Elevation : 3545

State Lease No: Multiple Comp (Y/N) : N
Prpsd Depth : 8350 Prpsd Frmtn : DELAWARE

E7024: Only view is allowed

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06 CONFIRM
PF07	PF08	PF09 PRINT	PF10 C102	PF11 HISTORY	PF12