

9/28/98

10/19/98

MS

NV

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.

Signature

Title

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) 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

MAR 9 1998

5. LEASE DESIGNATION AND SERIAL NO.
NM- 89172

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

WILDLAND

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

b. TYPE OF WELL

OIL WELL ☒GAS WELL ☐OTHER ☐SINGLE ZONE ☒MULTIPLE ZONE ☐

2. 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.

(Also to nearest drilg. 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

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 PROGRAMSURFACE USE AND OPERATING PLAN

EXHIBIT "A" - ROAD MAP

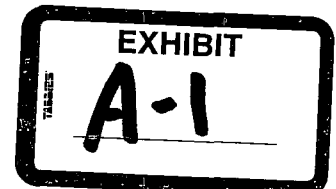
EXHIBIT "B" - EXISTING WELL MAP

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

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

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 1980, Hobbs, NM 88241-1980

DISTRICT II

P.O. Drawer DD, 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

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 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. <u>James M.C. Ritchie, Jr.</u> Signature <u>JAMES M.C. Ritchie, Jr.</u> Printed Name <u>AGENT</u> Title <u>JAN 28, 1998</u> 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. <u>DECEMBER 31, 1997</u> Date Surveyed <u>J. EIDSON</u> Signature Seal of Professional Surveyor <u>James M.C. Ritchie, Jr.</u> Printed Name Title Date 87-11-2105 Certificate No. 676 3239 12641
<u>EXHIBIT "C"</u>	

Amended
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

5. Lease Designation and Serial No.

NM-89172

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Patton "17" Federal No. 10

9. API Well No.

10. Field and Pool, or Exploratory Area

Poker Lake (Delaware)

11. County or Parish, State

Eddy Co., N.M.

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

Pogo Producing Company

3. Address and Telephone No.

P.O. Box 10340, Midland, Texas 79702 (915) 685-8100

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

1650' FNL & 810' FEL of Section 17, T-24S, R-31E

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

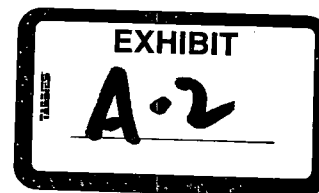
Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)*

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.

James M.C. Ritchie, Jr.

Signed

Title Agent

Date

09/22/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval if any:

BLM(6)

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

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 88211-0719

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 DRAIN 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

	<p>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><u>James M. C. Ritchie</u> Signature <u>James M. C. Ritchie, Sr.</u> Printed Name <u>Agent</u> Title <u>9-22-98</u> Date</p>
	<p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>SEPTEMBER 18, 1998</p> <p>Date Surveyed CDG</p> <p>Signature & Seal of Professional Surveyor</p> <p><u>Ronald J. Eidson</u> 9-21-98 98-11-1260</p> <p>Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12641</p>

R31E

T24S

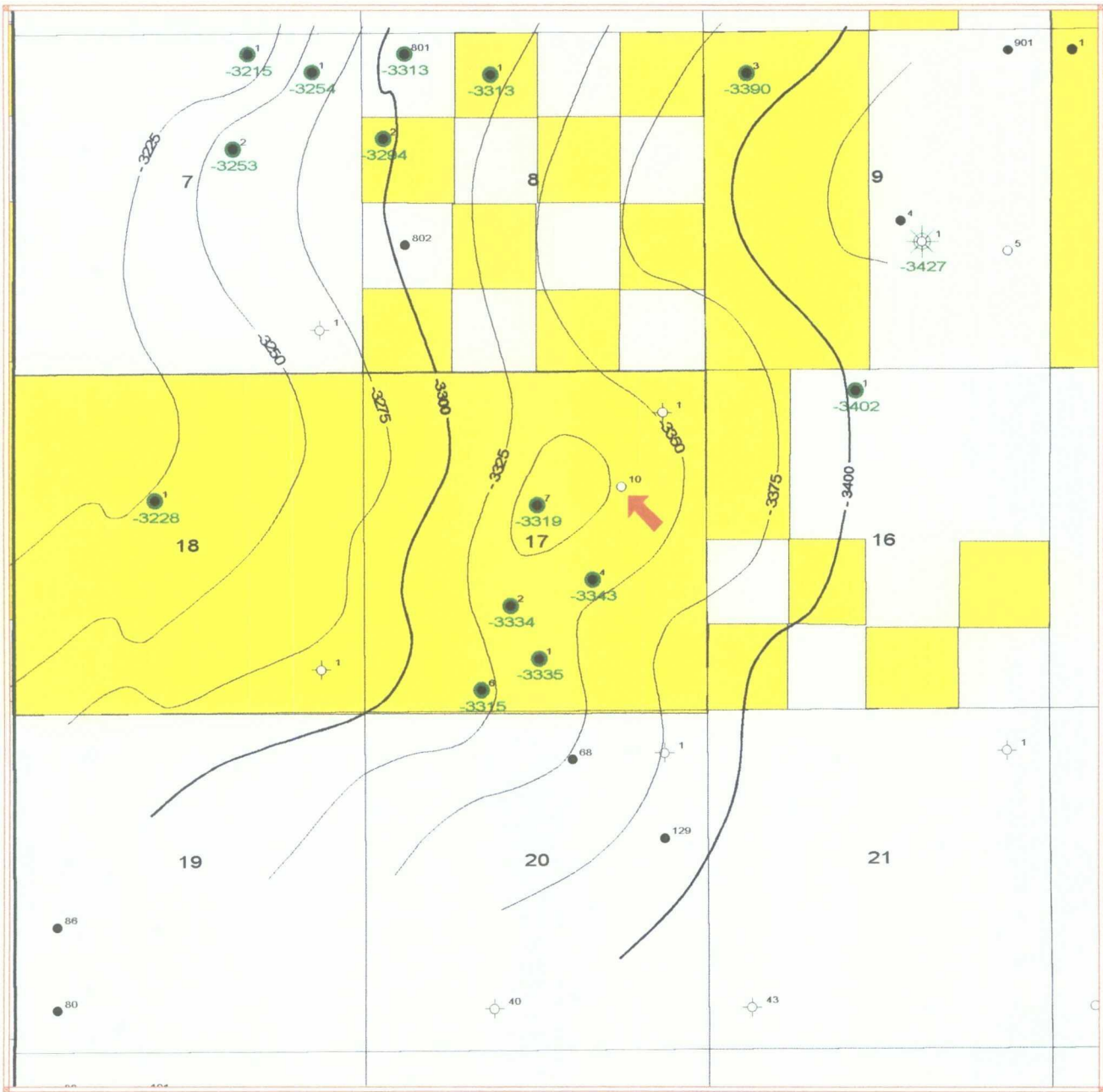



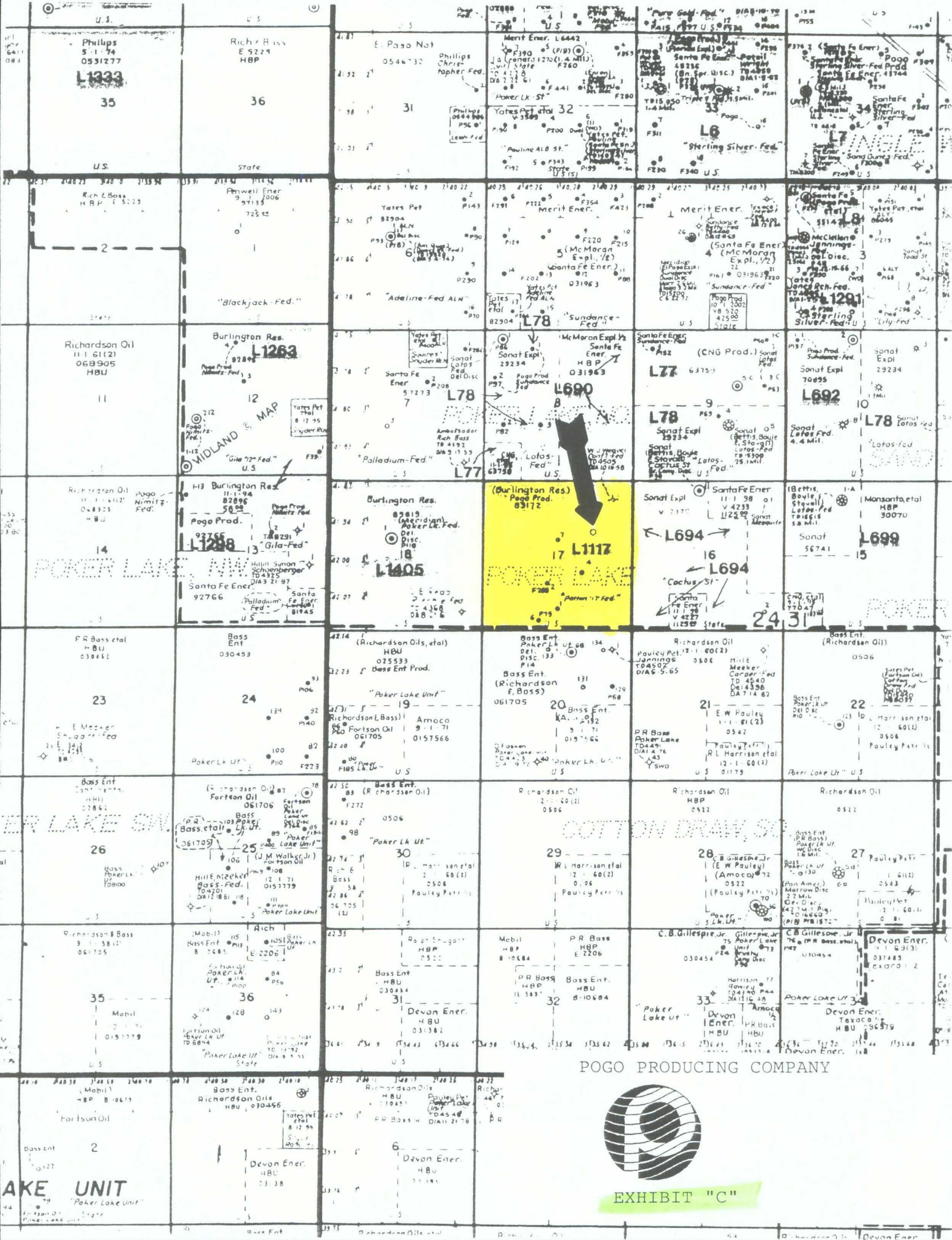
Exhibit "B"



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		
Draw: G. Delmon	Scale: 1:25000	9/18/95
Techn: J. Rodriguez	Scale: 1:25000	atc:bc:fig1



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
SE¼NE¼ (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 NE¼ of Section 17 in Division Case No. 12058.

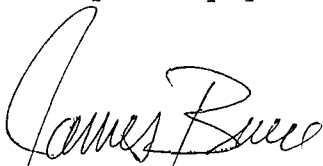
orthodox. See Exhibit A-1. However, additional well control shows that the further west the well is located in the well unit, the better its chances to encounter potential Brushy Canyon pay, and the higher the chance it will be a commercially viable well. Thus, the well was moved to a new location. See 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 MANAGEMENTSUBMIT IN TRIPLICATE.
(Other instructions on
reverse side)FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

MAR - 9 1998

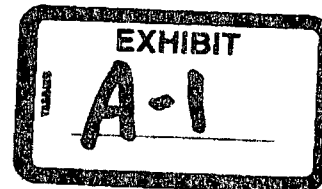
APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM- 89172	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. NAME OF OPERATOR Pogo Producing Company		7. UNIT AGREEMENT NAME	
8. ADDRESS AND TELEPHONE NO. P.O. Box 10340		8. FARM OR LEASE NAME, WELL NO. Patton "17" Federal No. 10	
9. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1650' FNL & 810' FEL of Section 17		9. API WELL NO.	
At proposed prod. zone Same		10. FIELD AND POOL, OR WILDCAT Poker Lake, Delaware	
11. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE. 20 miles southeast of Loving, New Mexico		11. SEC., T., R., OR BLK. AND SURVEY OR AREA Section 17, T-24S, R-31E	
12. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 810'		12. COUNTY OR PARISH Eddy Co.	
13. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1320'		13. STATE N.M.	
14. NO. OF ACRES IN LEASE 640		14. NO. OF ACRES ASSIGNED TO THIS WELL 40	
15. PROPOSED DEPTH 8350'		15. ROTARY OR CABLE TOOLS Rotary	
16. ELEVATIONS (Show whether DF, RT, GR, etc.) 3545' Ground Level		16. 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
14-3/4"	10-3/4" H-40	32.75#	650'
9-7/8"	7-5/8" J-55	26.40#	4,250
6-3/4"	4-1/2" J-55	11.60#	8,350'
		QUANTITY OF CEMENT	
		550 sx Class "C" (Circulate)	
		1000 sx (Circulate)	
		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 H. C. Raley 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

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DISTRICT I

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

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

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

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
	96650	COTTON DRAW BONE SPRINGS, SW
Property Code	Property Name	Well Number
20010	PATTON 17 FEDERAL	10
OGRID No.	Operator Name	Elevation
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

<div data-bbox="812 1139 1071 1491"> </div>	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. <u>James M.C. Ritchie Jr.</u> Signature <u>JAMES M.C. Ritchie Jr.</u> Printed Name <u>AGENT</u> Title <u>JAN 28, 1998</u> 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. <u>DECEMBER 31, 1997</u> Date Surveyed <u>J. EIDSON</u> Signature Seal of Professional Surveyor <u>DMCC</u> Title Certificate No. 576 3239 12541

EXHIBIT "C"

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

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-89172
2. Name of Operator Pogo Producing Company	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. P.O. Box 10340, Midland, Texas 79702 (915) 685-8100	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M. or Survey Description) 1650' FNL & 810' FEL of Section 17, T-24S, R-31E	8. Well Name and No. Patton "17" Federal No. 10
	9. API Well No.
	10. Field and Pool, or Exploratory Area Poker Lake (Delaware)
	11. County or Parish, State Eddy Co., N.M.

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"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Move location</u>	<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.)*

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 Agent	Date 09/22/98
(This space for Federal or State office use)		
Approved by _____	Title _____	Date _____
Conditions of approval (if any):		

BLM(6)

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

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 88211-0719

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 966-50	Pool Name COTTON ORGAN BONE Springs, SW
Property Code 20010	Property Name PATTON 17 FEDERAL	Well Number 10
OGRID No. 017891	Operator Name POGO PRODUCING CO.	Elevation 3543'

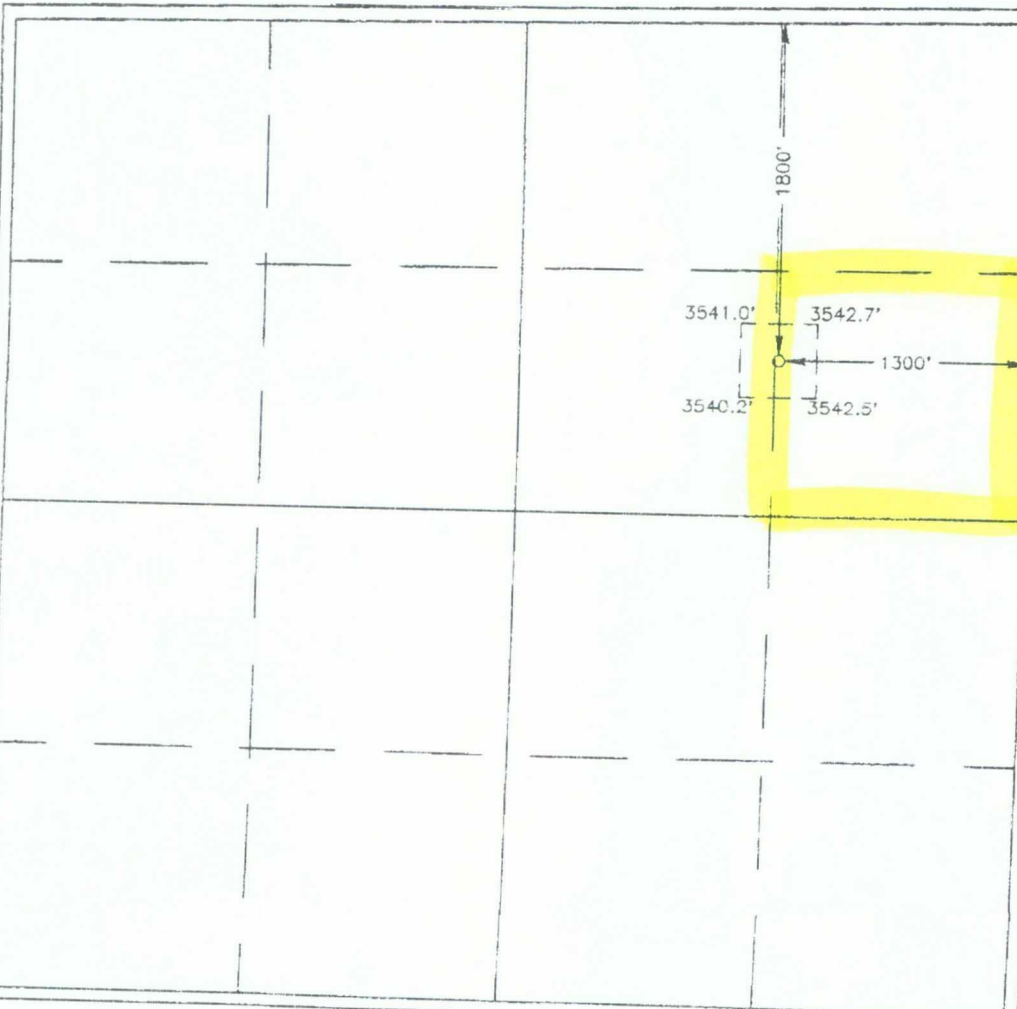
Surface Location

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
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
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

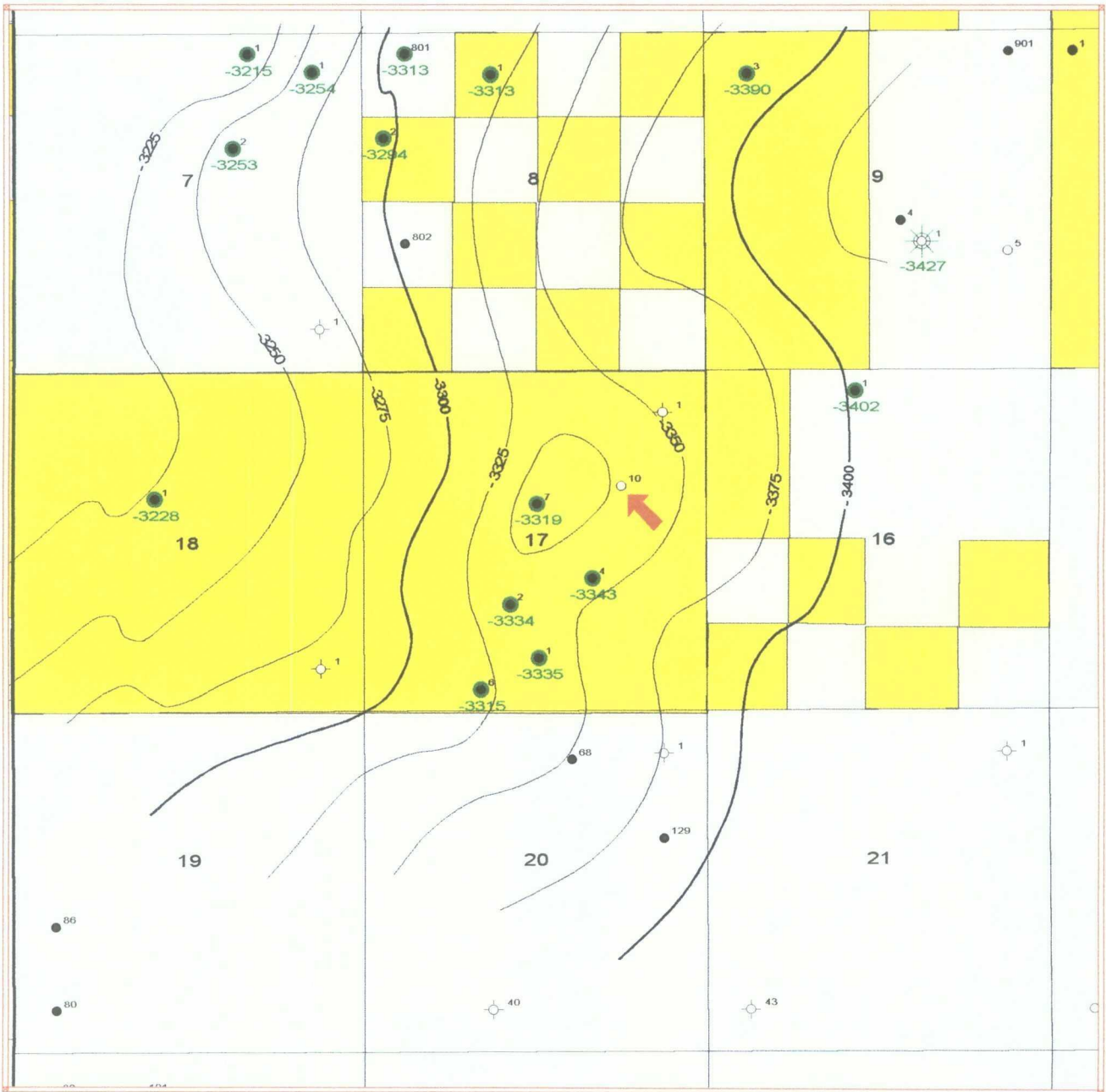



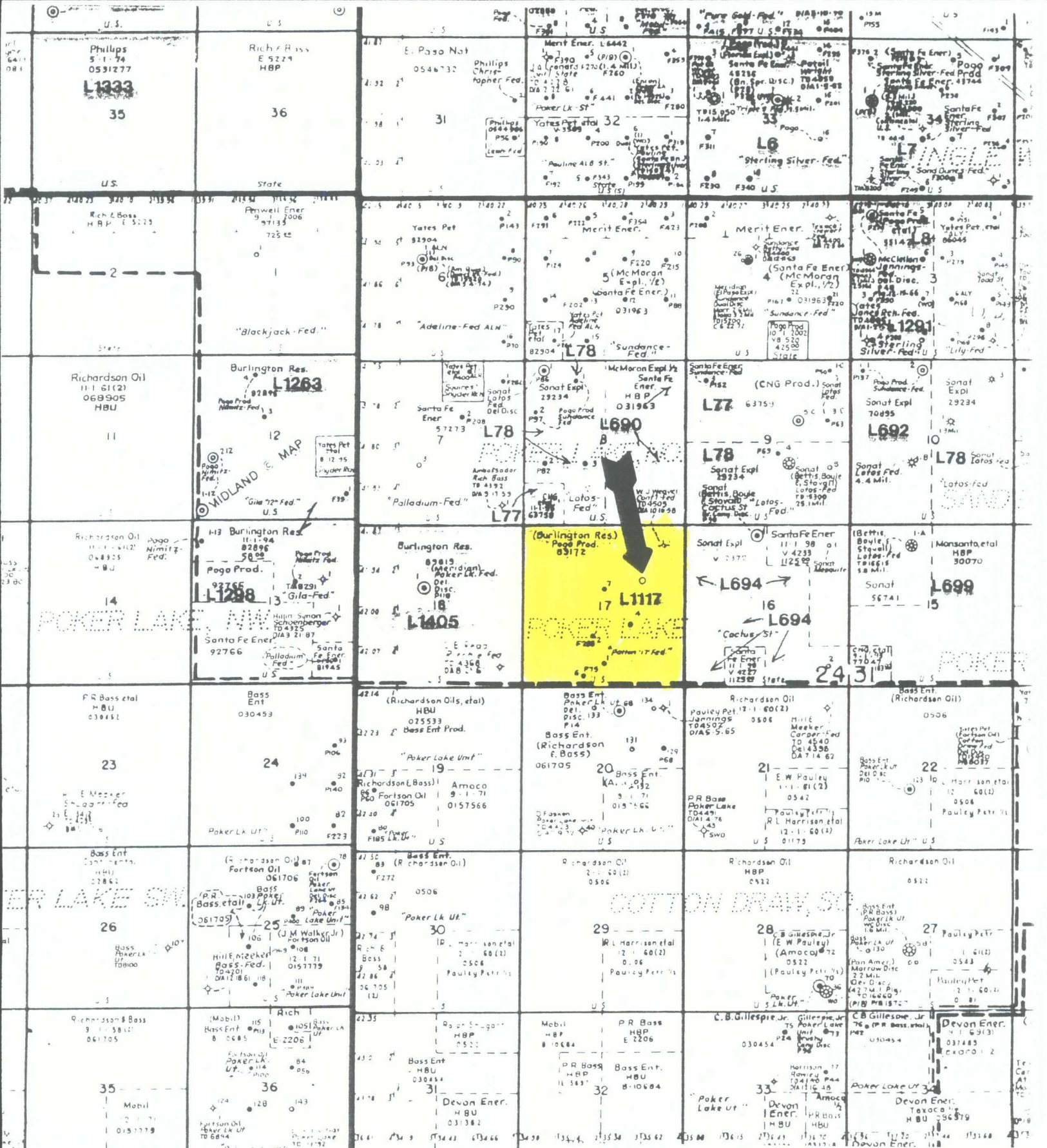
Exhibit "B"



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: G. Wilman		9/16/98	
Techn: T. Rodriguez	Scale: 1:25000, 03	struc.f.gpt	



POGO PRODUCING COMPANY



EXHIBIT "C"

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
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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