

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)

June 9, 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:

Coyote "21" Well No. 3
330 feet FSL & 1300 feet FWL
SW $\frac{1}{4}$ SW $\frac{1}{4}$ S21, Township 24 South, Range 29 East, NMPM
Eddy County, New Mexico

Attached as Exhibit A is an APD for the well, which has been filed with the Division's Artesia District Office.

The well will be drilled to a depth sufficient to test the Delaware formation (Cedar Canyon-Delaware Pool). The pool is 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 geological reasons. Attached as Exhibit B is a combined structure map on top of the Brushy Canyon pay marker and an isopach of net sand porosity. The proposed location is based on well control, and is interpreted to be at the highest structural position and in the most favorable reservoir trend in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 21. The further east and south the well is located in the spacing unit, the greater the chance it will be a commercially viable well. This location provides the best chance to successfully encounter potential Brushy Canyon pay. Thus, placing the well at its proposed location substantially reduces the risk involved in drilling the well.

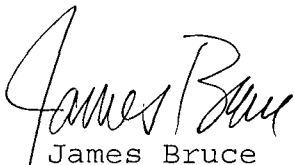
Submitted as Exhibit C is a land plat of the subject area, with the

location of the proposed well marked thereon. The SW¼ of Section 21 is subject to two fee leases covering the entire mineral interest in the quarter section. Working and royalty interest ownership is common throughout the SW¼ of Section 21. As to working interest, Pogo owns 75% and Phillips Petroleum Company owns 25%.

Since interest ownership is common in the proposed well unit and in offsetting acreage, notice is not required to be given to any offset owner.¹ 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,

A handwritten signature in cursive script that reads "James Bruce".

James Bruce

Attorney for Pogo
Producing Company

cc: Terry Gant
Phillips Petroleum Company

¹Phillips is the lessee to the south in Section 28. Although the proposed well does not encroach to the south, a copy of this application has been mailed to Phillips as a courtesy. A copy of the cover letter to Phillips is attached as Exhibit D.

District I
PO Box 1980, Hobbs, N.M. 88241-1980
District II
P.O. Drawer DD, Artesia, N.M. 88211-0719
District III
1000 Rio Brazos Rd., Aztec, N.M. 87410
District IV
P.O. Box 2088, Santa Fe, N.M. 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-101
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Pogo Producing Company P.O. Box 10340 Midland, Texas 79702		² OGRID Number 017891
		³ API Number 30-0
⁴ Property Code	⁵ Property Name Coyote "21"	⁶ Well No. 3

7 Surface Location

UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	21	24S	29E		330	South	1300	West	Eddy

8. Proposed 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

9. Proposed Pool 1

10. Proposed Pool 2

Cedar Canyon (Delaware)

11. Work Type Code N	12. Well Type Code O	13. Cable/Notary R	14. Lease Type Code S	15. Ground Level Elevation 2914'
16. Multiple S	17. Proposed Depth 5,500	18. Formation Delaware	19. Contractor N/A	20. Spud Date Upon Approval

21. Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
14-3/4"	10-3/4"	32.75# H-40	550'	500 sx	Surface
7-7/8"	5-1/2"	15.50# J-55	5,500'	1000 sx	Surface

22. Describe the proposed program. If this is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

This proposed well is a Delaware Test.
B.O.P. Sketch attached.



23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>James M.C. Ritchie, Jr.</i>		OIL CONSERVATION DIVISION	
Printed Name: James M.C. Ritchie, Jr.		Approved by:	
Title: Agent		Title:	
Date: 05/18/98		Approval Date:	Expiration Date:
Phone: (915) 682-6601		Conditions of Approval: Attached: <input type="checkbox"/>	

DISTRICT I

P.O. Box 1000, Hobbs, NM 88241-1000

DISTRICT II

P.O. Drawer DD, Artesia, NM 88211-0710

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

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Form C-102

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State Lease - 4 Copies

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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 11540	Pool Name CEDAR CANYON (DELAWARE)
Property Code 17956	Property Name COYOTE 21	Well Number 3
OGRID No. 017891	Operator Name POGO PRODUCING COMPANY	Elevation 2914

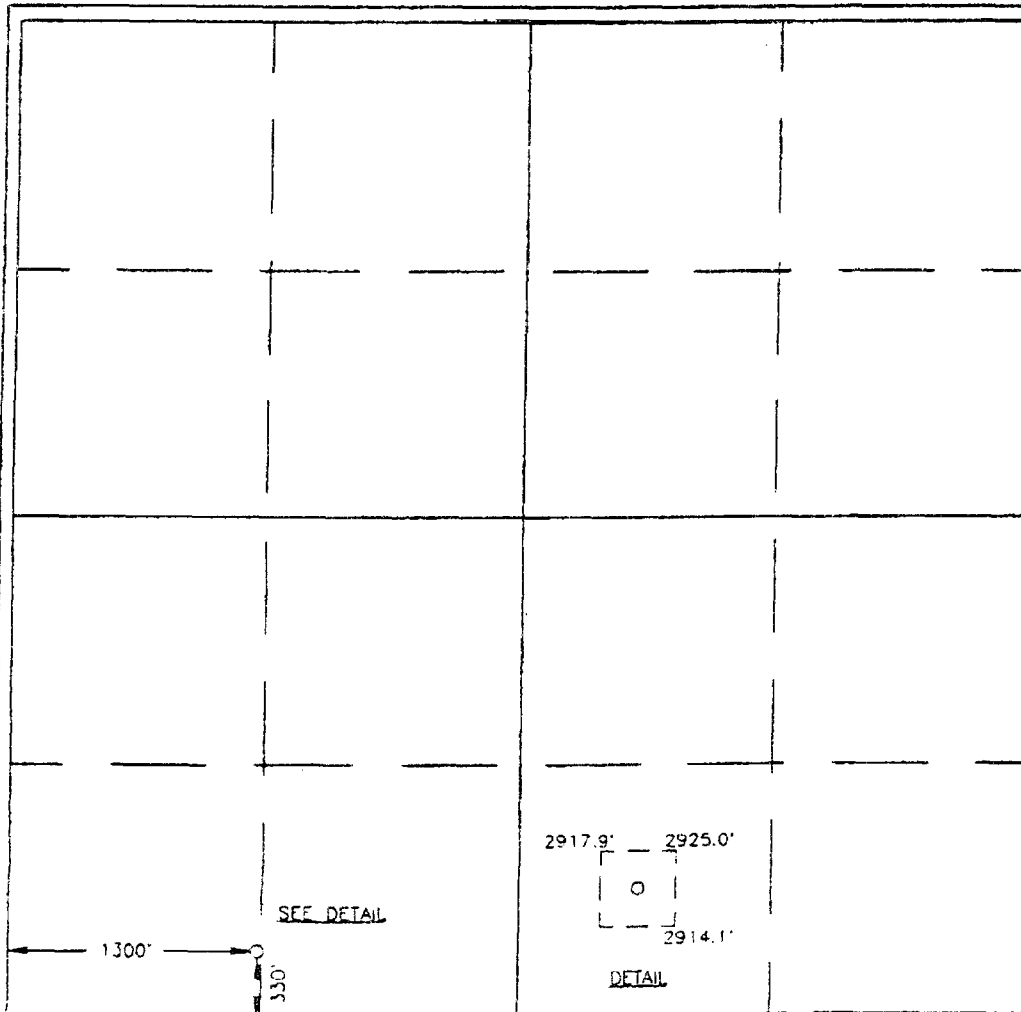
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	21	24 S	29 E		330	SOUTH	1300	WEST	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 W. C. Ritchie, Jr.
Signature
JAMES W. C. Ritchie, Jr.
Printed Name
AGENT
Title
5/18/98
Date

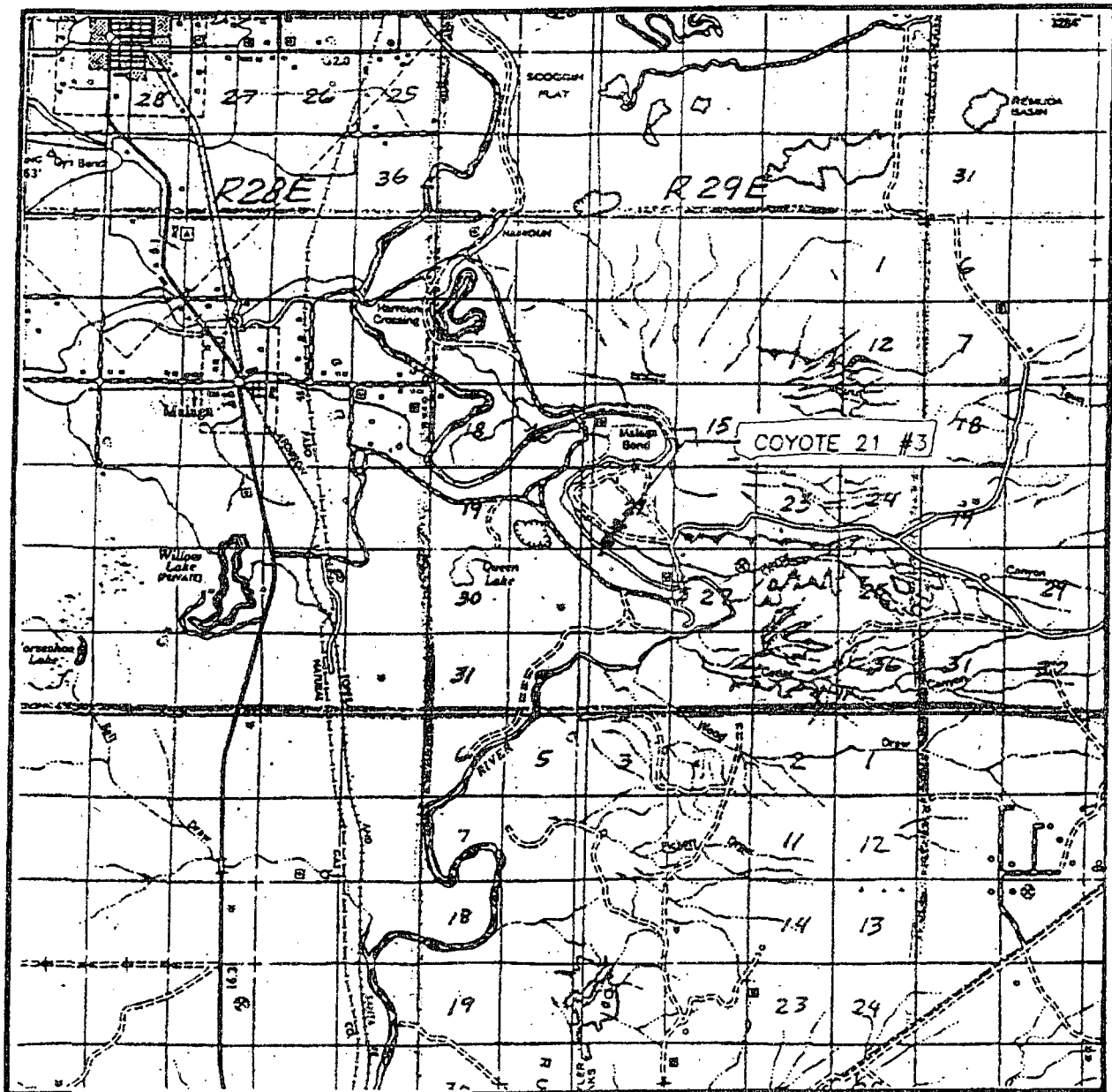
SURVEYOR CERTIFICATION

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.

APRIL 30, 1998

Date Surveyed DMCC
Signature of Seal of
Professional Surveyor
RONALD E. EGGSON
5-04-98
58-11-0710
Certificate No. RONALD E. EGGSON 3239
GARY J. EGGSON 12541
WAGNER McDONALD 12185
REGISTERED PROFESSIONAL

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 21 TWP. 24-S RGE. 29-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 330' FSL & 1300' FWL

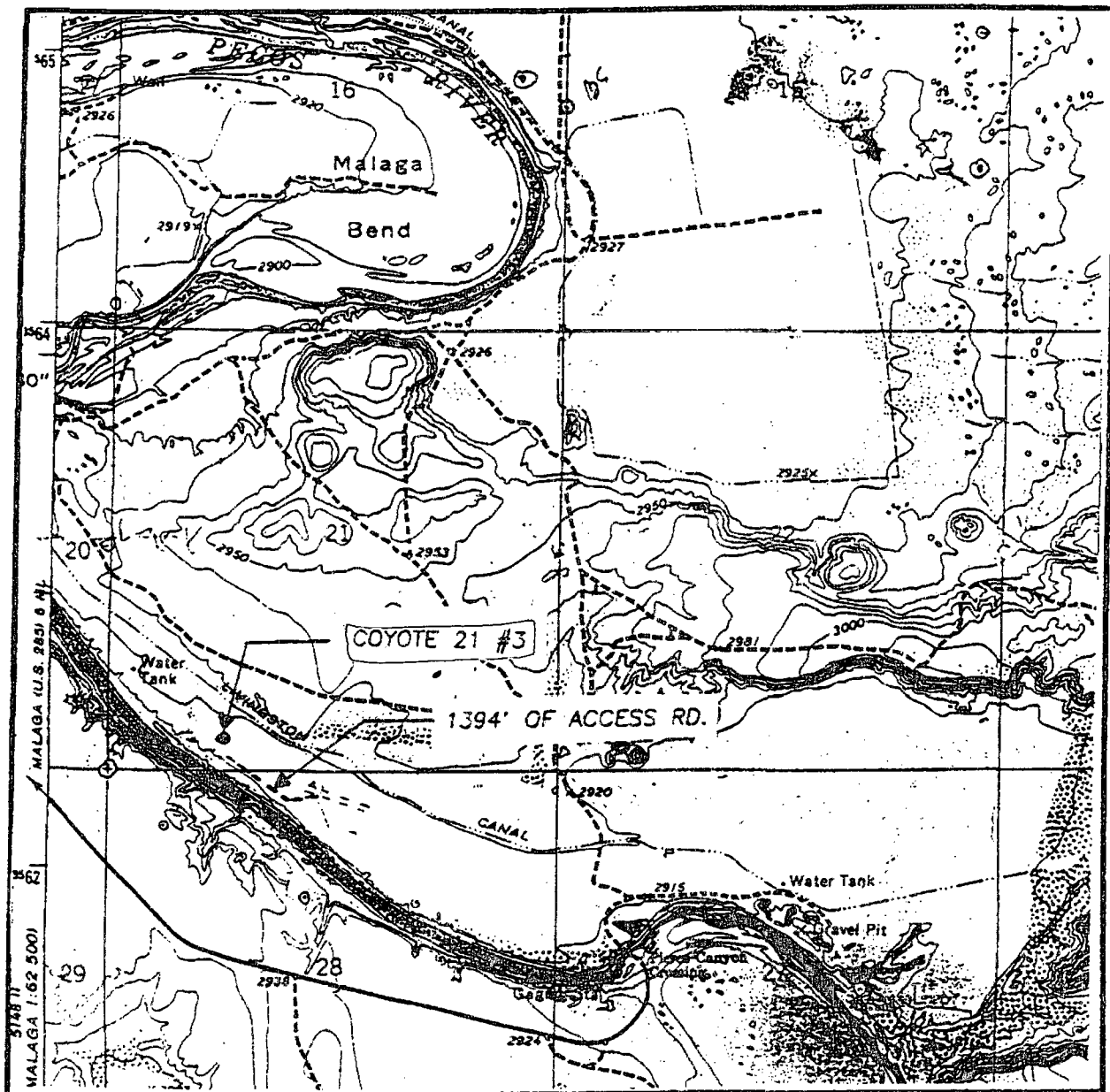
ELEVATION 2914

OPERATOR POGO PRODUCING COMPANY

LEASE COYOTE 21

JOHN WEST ENGINEERING
HOBBS, NEW MEXICO
(505) 393-3117

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
PIERCE CANYON - 10'

SEC. 21 TWP. 24-S RGE. 29-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 330' FSL & 1300' FWL

ELEVATION 2914

OPERATOR POGO PRODUCING COMPANY

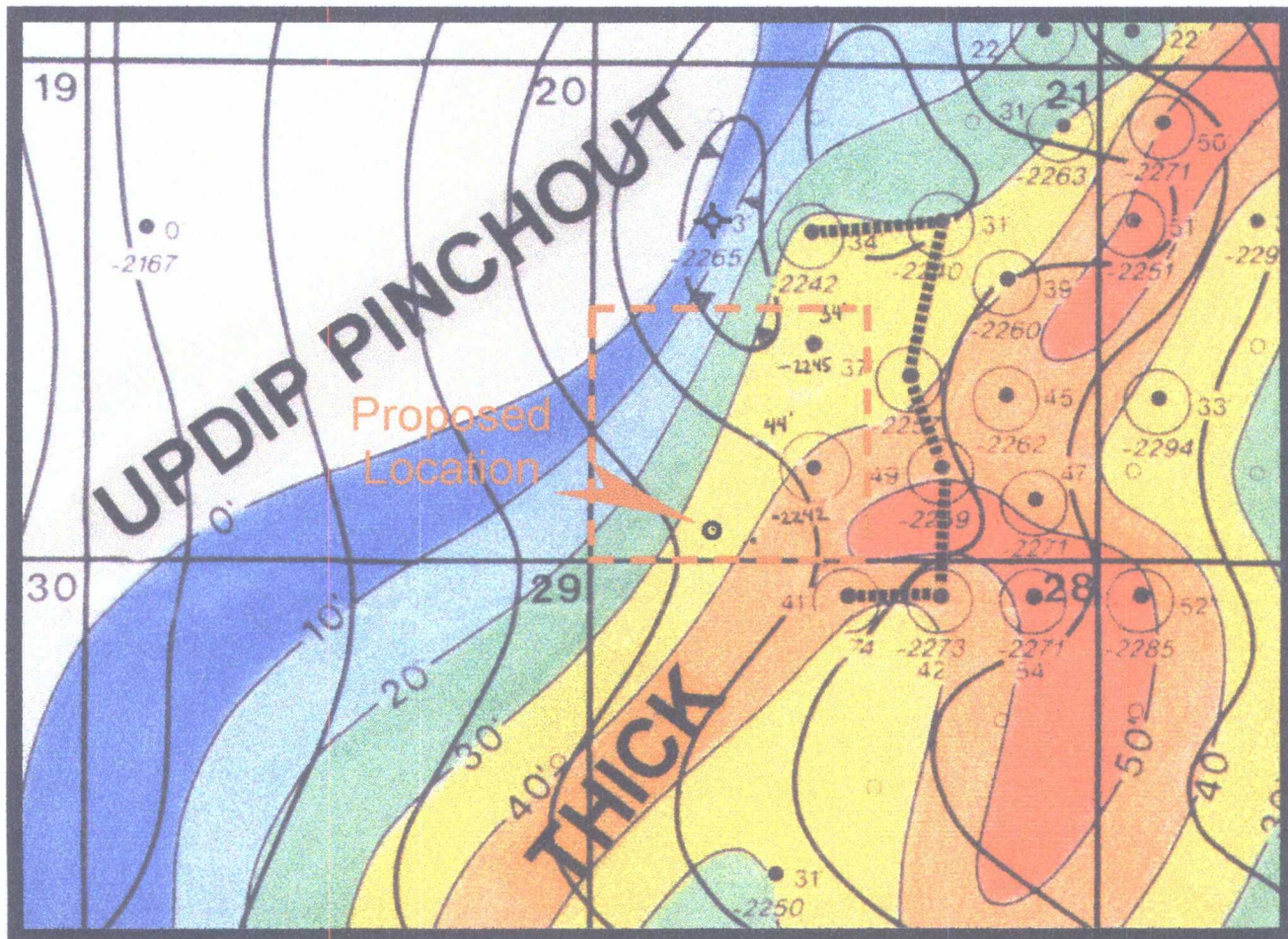
LEASE COYOTE 21

U.S.G.S. TOPOGRAPHIC MAP

PIERCE CANYON, N.M.

**JOHN WEST ENGINEERING
HOBBS, NEW MEXICO**

(505) 393-3117

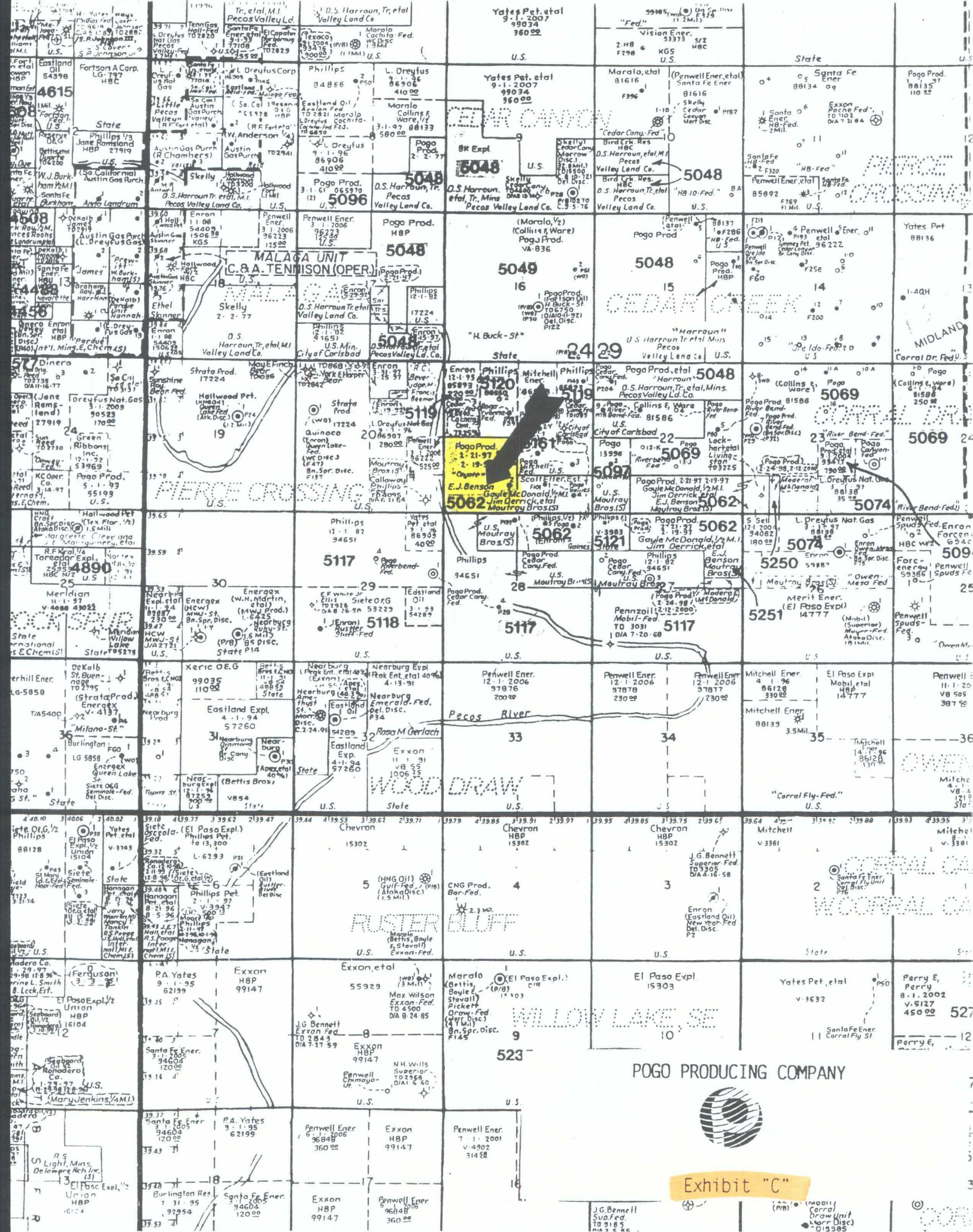


Pogo Producing Company

**Cedar Canyon Delaware Field
Eddy County, New Mexico**

Structure Map : Top Brushy Pay
Isopach : Net Sand (Porosity > 14%)

Exhibit "B"



JAMES BRUCE
ATTORNEY AT LAW

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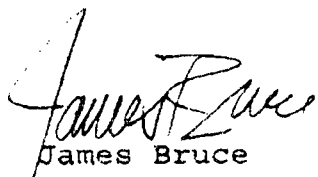
CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Phillips Petroleum Company
4001 North Penbrook
Odessa, Texas 79762

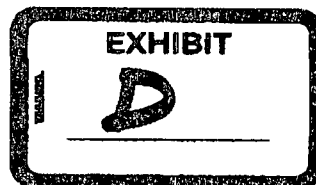
Ladies and Gentlemen:

Enclosed is a copy of an application for administrative approval of an unorthodox oil well location filed with the Oil Conservation Division by Pogo Producing Company.¹ Since you are an interest owner in the well, Pogo assumes you have no objection to the application. However, in the event you object to the well, you must notify the Division in writing no later than Monday, June 29, 1998. **If you have no objection to the well's location, Pogo would appreciate you notifying the Division of your lack of objection (Attention: Michael E. Stogner). Thank you.**

Very truly yours,

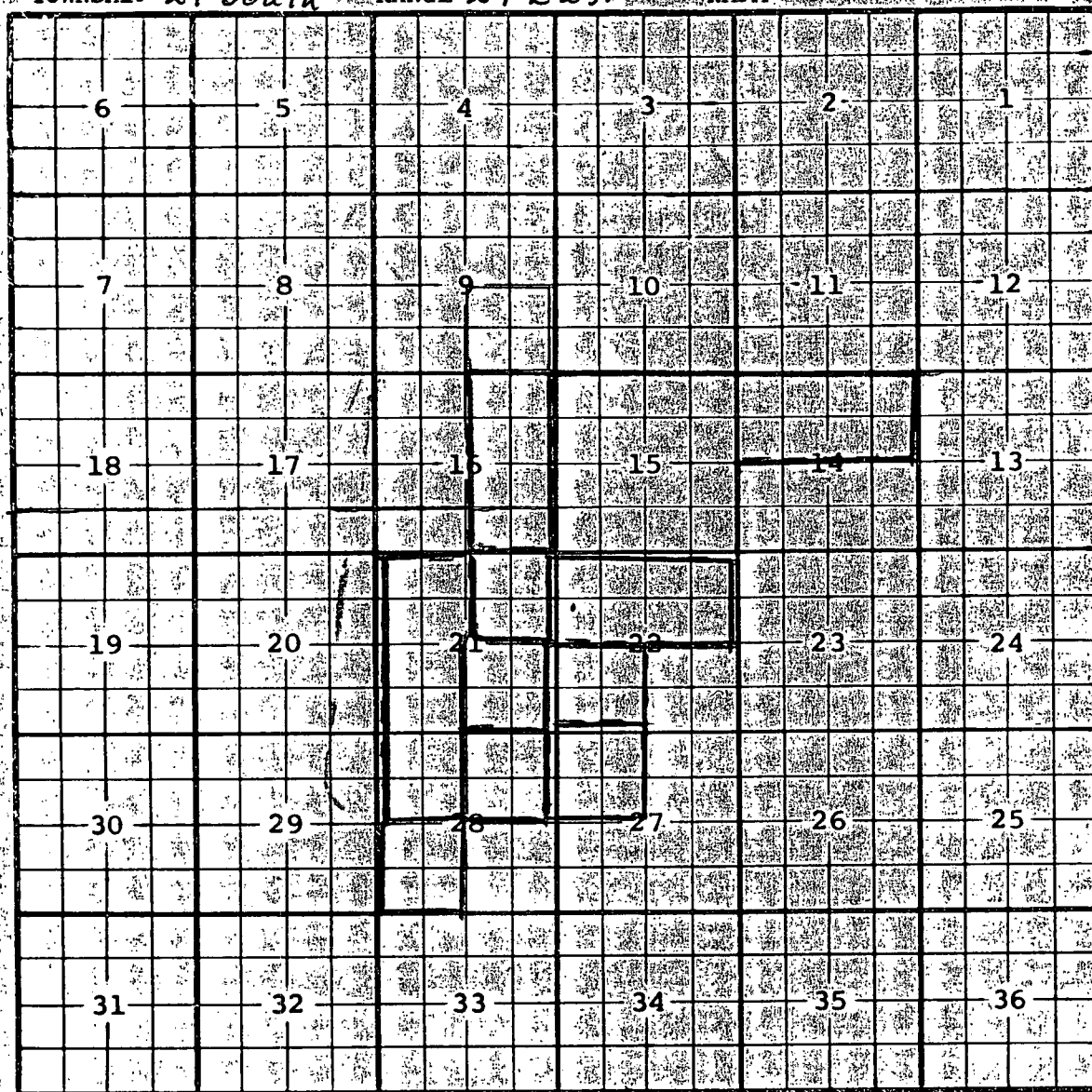

James Bruce
Attorney for Pogo
Producing Company

¹The well is located 330 feet from the south line and 1300 feet from the west line of Section 21, Township 24 South, Range 29 East, NMPM. The SW¼SW¼ of Section 21 is dedicated to the well.



COUNTY EddyPOOL Cedar Canyon - DelawareTOWNSHIP 24 SouthRANGE 29 East

NMPM



Description: SE $\frac{1}{4}$ Sec 9 (R-5334, 12-1-76)

Ext: E $\frac{1}{2}$ Sec. 16 (R-10182, 9-6-94) Ext: NE $\frac{1}{4}$ Sec. 21 (R-10377, 6-2-95)

Ext: W $\frac{1}{2}$ Sec. 21, NW $\frac{1}{4}$ Sec. 28 (R-10568, 4-1-96) Ext: SE $\frac{1}{4}$ Sec 21 (R-10591, 5-8-96)

Ext: N $\frac{1}{2}$ Sec. 22 (R-10664, 9-16-96) Ext: SW $\frac{1}{4}$ Sec. 28 (R-10724, 1-8-97)

Ext: NE $\frac{1}{4}$ Sec. 28 (R-10782, 4-9-97) Ext: SW $\frac{1}{4}$ Sec. 22 (R-10822, 6-16-97)

Ext: NW $\frac{1}{4}$ Sec. 27 (R-10855, 8-11-97) Ext: N $\frac{1}{2}$ Sec 14, All Sec 15 (R-10938, 1-9-98)

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

NSL-POGO.9

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]

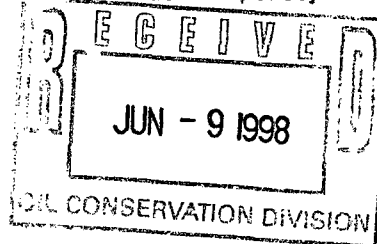
[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[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.

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

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

Print or Type Name

James Bruce

 Signature

Attorney for Applicant

 Title

6/9/98

 Date

JAMES BRUCE
ATTORNEY AT LAW

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June 9, 1998

Hand Delivered

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

Dear Mr. Stogner:

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330 feet FSL & 1300 feet FWL
SW $\frac{1}{4}$ SW $\frac{1}{4}$ S21, Township 24 South, Range 29 East, NMPM
Eddy County, New Mexico

Attached as Exhibit A is an APD for the well, which has been filed with the Division's Artesia District Office.

The well will be drilled to a depth sufficient to test the Delaware formation (Cedar Canyon-Delaware Pool). The pool is governed by statewide rules, with 40 acre spacing and wells to be located no closer than 330 feet to a quarter-quarter section line.

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Submitted as Exhibit C is a land plat of the subject area, with the

location of the proposed well marked thereon. The SW $\frac{1}{4}$ of Section 21 is subject to two fee leases covering the entire mineral interest in the quarter section. Working and royalty interest ownership is common throughout the SW $\frac{1}{4}$ of Section 21. As to working interest, Pogo owns 75% and Phillips Petroleum Company owns 25%.

Since interest ownership is common in the proposed well unit and in offsetting acreage, notice is not required to be given to any offset owner.¹ 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
Phillips Petroleum Company

¹Phillips is the lessee to the south in Section 28. Although the proposed well does not encroach to the south, a copy of this application has been mailed to Phillips as a courtesy. A copy of the cover letter to Phillips is attached as Exhibit D.

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APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

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		³ API Number 30-0
⁴ Property Code	⁵ Property Name Coyote "21"	⁶ Well No. 3

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8. Proposed 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
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16. Multiple S	17. Proposed Depth 5,500	18. Formation Delaware	19. Contractor N/A	20. Spud Date Upon Approval

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B.O.P. Sketch attached.



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Printed Name: James M.C. Ritchie, Jr.		Approved by:	
Title: Agent		Title:	
Date: 05/18/98		Approval Date:	Expiration Date:
Phone: (915) 682-6601		Conditions of Approval: Attached: <input type="checkbox"/>	

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

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1000 Rio Brazos Rd., Aztec, NM 87410

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OIL CONSERVATION DIVISION

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Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 11540	Pool Name CEDAR CANYON (DELAWARE)
Property Code 17956	Property Name COYOTE 21	Well Number 3
OGRID No. 017891	Operator Name POGO PRODUCING COMPANY	Elevation 2914

Surface Location

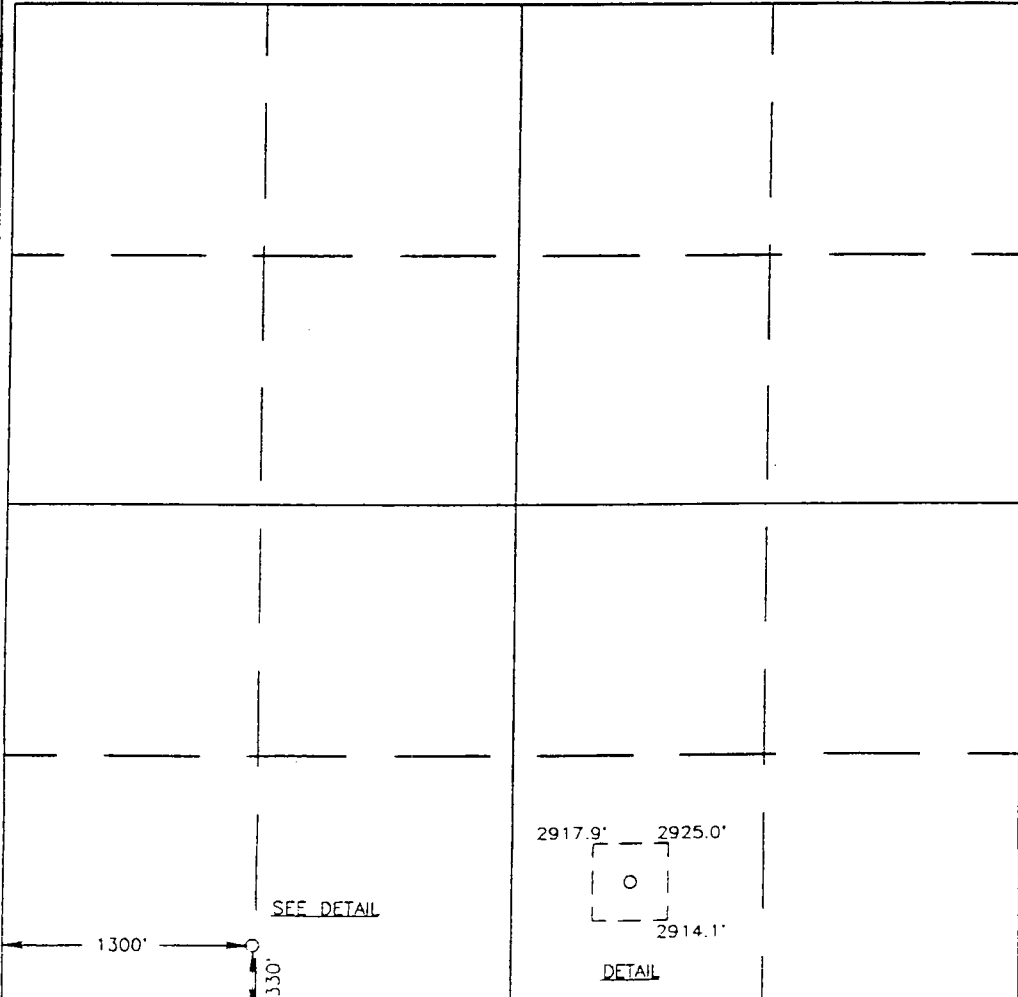
UL or lot No. M	Section 21	Township 24 S	Range 29 E	Lot Idn	Feet from the 330	North/South line SOUTH	Feet from the 1300	East/West line WEST	County EDDY
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Bottom Hole Location If Different From Surface

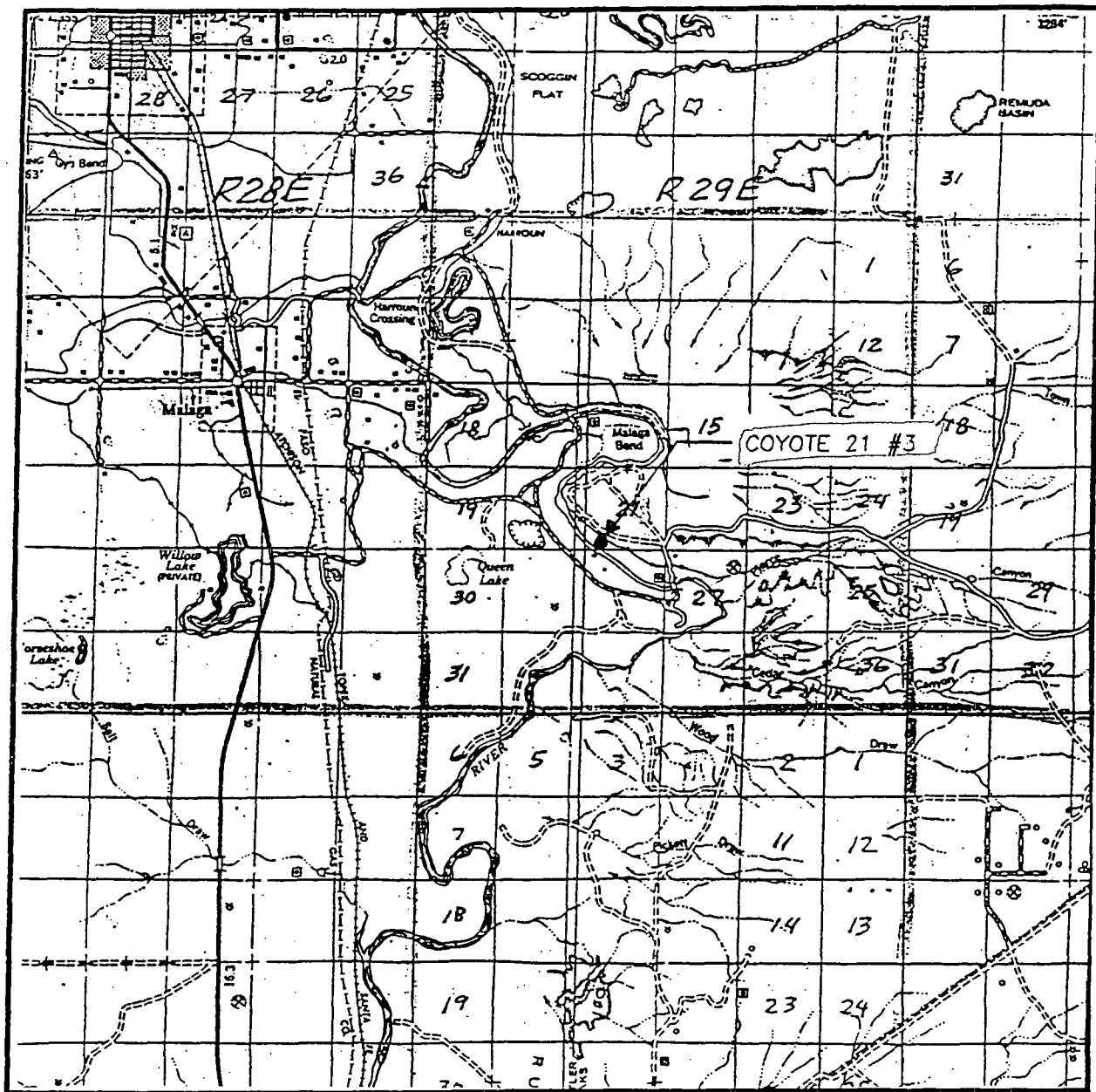
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		SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. APRIL 30, 1998 Date Surveyed DMCC Signature & Seal of Professional Surveyor RONALD R. LEBSON 5-04-98 88-11-0719 Certificate No. RONALD R. LEBSON 3239 GARY E. LEBSON 12541 WAGNER L. DONALD 12185	

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 21 TWP. 24-S RGE. 29-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 330' FSL & 1300' FWL

ELEVATION 2914

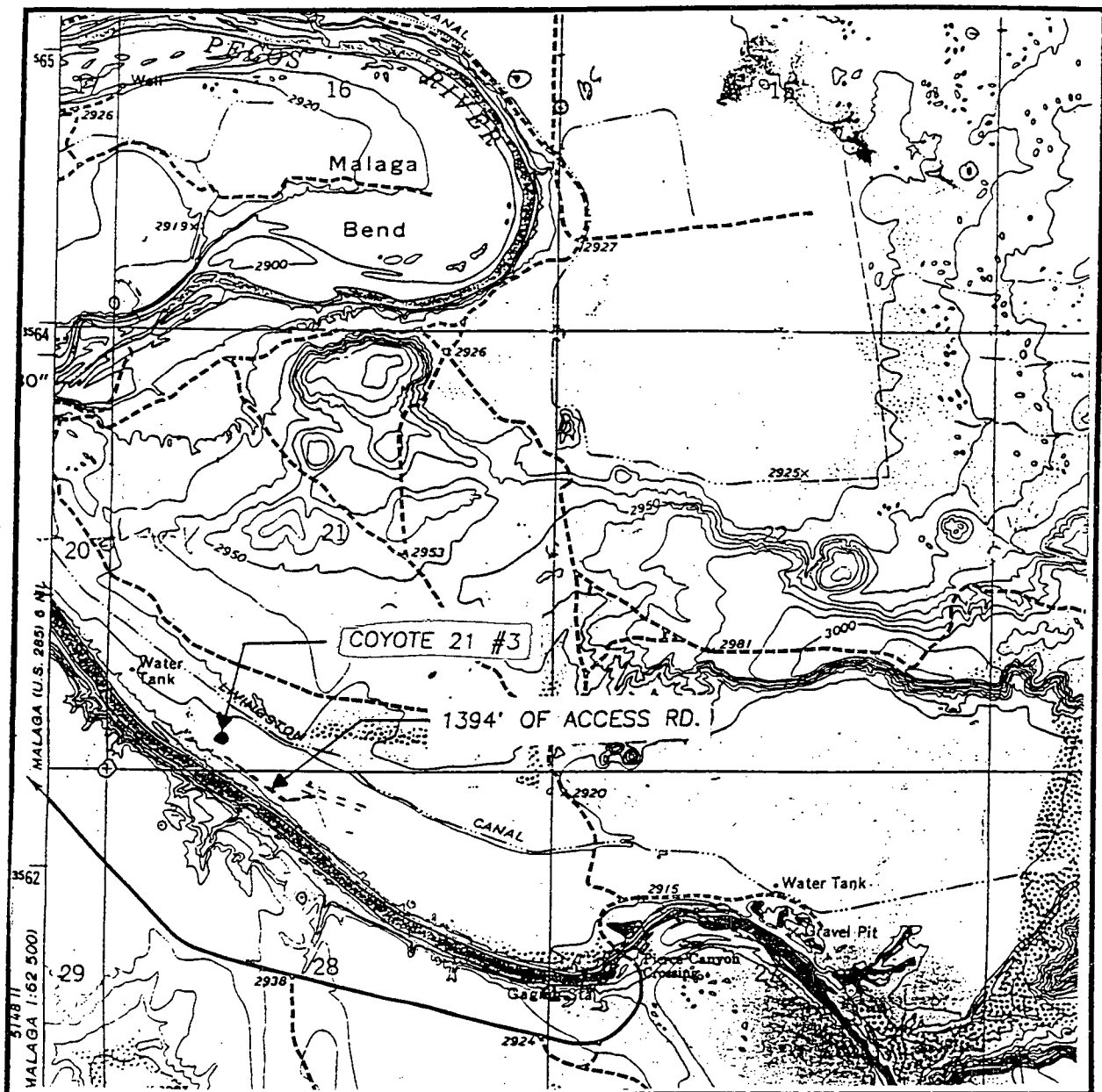
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LEASE COYOTE 21

**JOHN WEST ENGINEERING
HOBBS, NEW MEXICO**

(505) 393-3117

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
PIERCE CANYON - 10'

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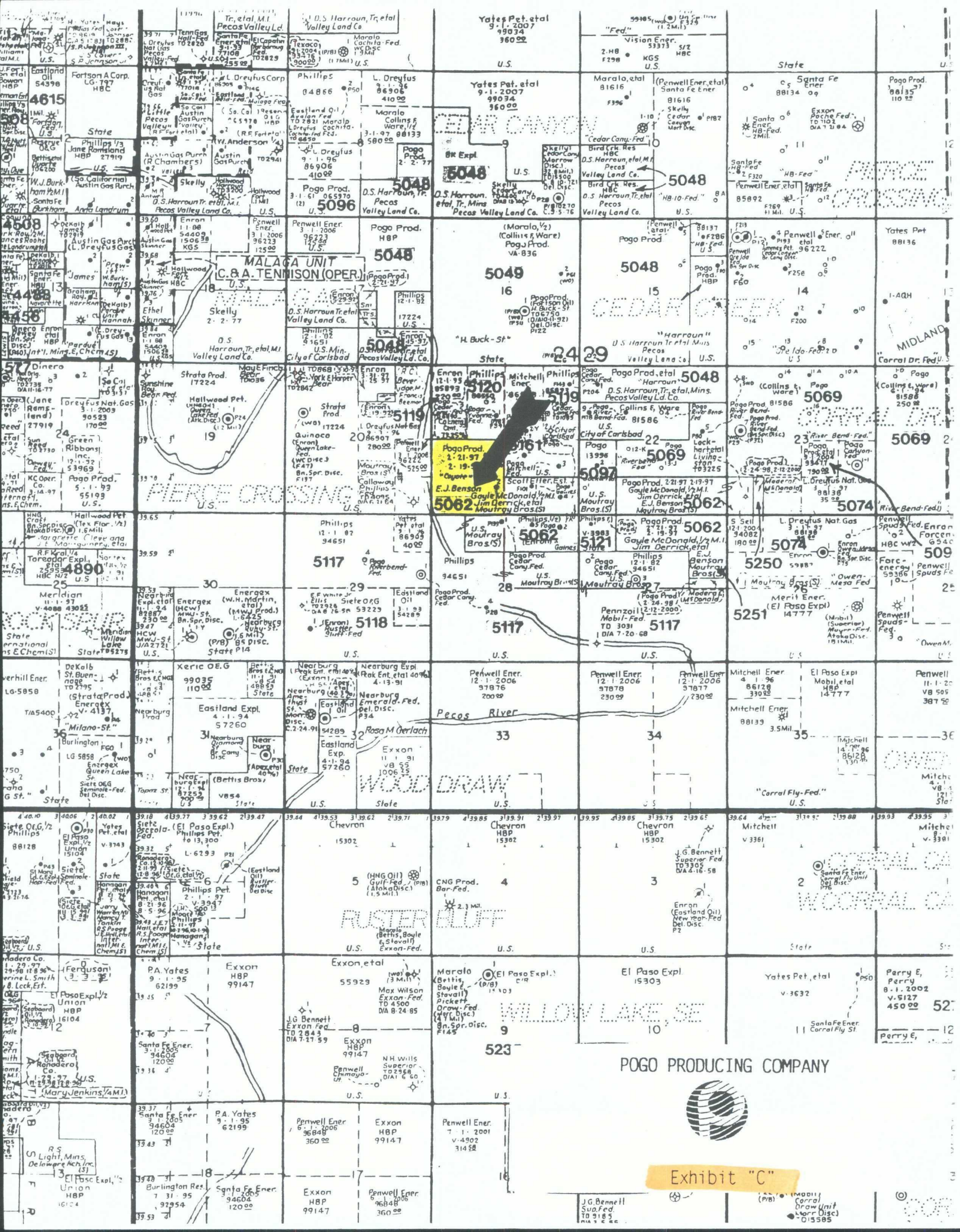
LEASE COYOTE 21

U.S.G.S. TOPOGRAPHIC MAP

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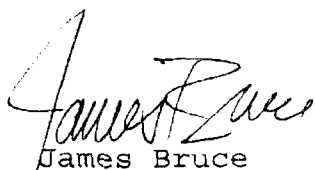
CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Phillips Petroleum Company
4001 North Penbrook
Odessa, Texas 79762

Ladies and Gentlemen:

Enclosed is a copy of an application for administrative approval of an unorthodox oil well location filed with the Oil Conservation Division by Pogo Producing Company.¹ Since you are an interest owner in the well, Pogo assumes you have no objection to the application. However, in the event you object to the well, you must notify the Division in writing no later than Monday, June 29, 1998. **If you have no objection to the well's location, Pogo would appreciate you notifying the Division of your lack of objection** (Attention: Michael E. Stogner). Thank you.

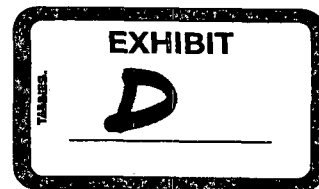
Very truly yours,



James Bruce

Attorney for Pogo
Producing Company

¹The well is located 330 feet from the south line and 1300 feet from the west line of Section 21, Township 24 South, Range 29 East, NMPM. The SW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 21 is dedicated to the well.



DATE IN 6/10/98	SUSPENSE 6/29/98	ENGINEER MS	LOGGED BY KV	TYPE NSL
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 2040 South Pacheco, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATION FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

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

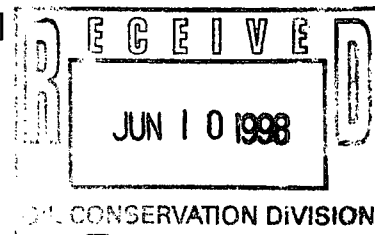
Check One Only for [B] or [C]

☐ [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 - Certification

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 understand that any omission of data (including API numbers, pool codes, etc.), pertinent information and any required notification is cause to have the application package returned with no action taken.**

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

James M.C. Ritchie, Jr.	<i>James M.C. Ritchie, Jr.</i>	AGENT	6-10-98
Print or Type Name	Signature	Title	Date

District I
PO Box 1980, Hobbs, N.M. 88241-1980
District II
P.O. Drawer DD, Artesia, N.M. 88211-0719
District III
1000 Rio Brazos Rd., Aztec, N.M. 87410
District IV
P.O. Box 2088, Santa Fe, N.M. 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-101
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Pogo Producing Company P.O. Box 10340 Midland, Texas 79702		² OGRID Number 017891
		³ API Number 30-0
⁴ Property Code	⁵ Property Name Coyote "21"	⁶ Well No. 3

7 Surface Location

UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	21	24S	29E		330	South	1300	West	Eddy

8. Proposed 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

⁹ Proposed Pool 1 Cedar Canyon (Delaware)	¹⁰ Proposed Pool 2
--	-------------------------------

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 2914'
¹⁶ Multiple S	¹⁷ Proposed Depth 5,500	¹⁸ Formation Delaware	¹⁹ Contractor N/A	²⁰ Spud Date Upon Approval

21. Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
14-3/4"	10-3/4"	32.75# H-40	550'	500 sx	Surface
7-7/8"	5-1/2"	15.50# J-55	5,500'	1000 sx	Surface

22. Describe the proposed program. If this is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

This proposed well is a Delaware Test.
B.O.P. Sketch attached.

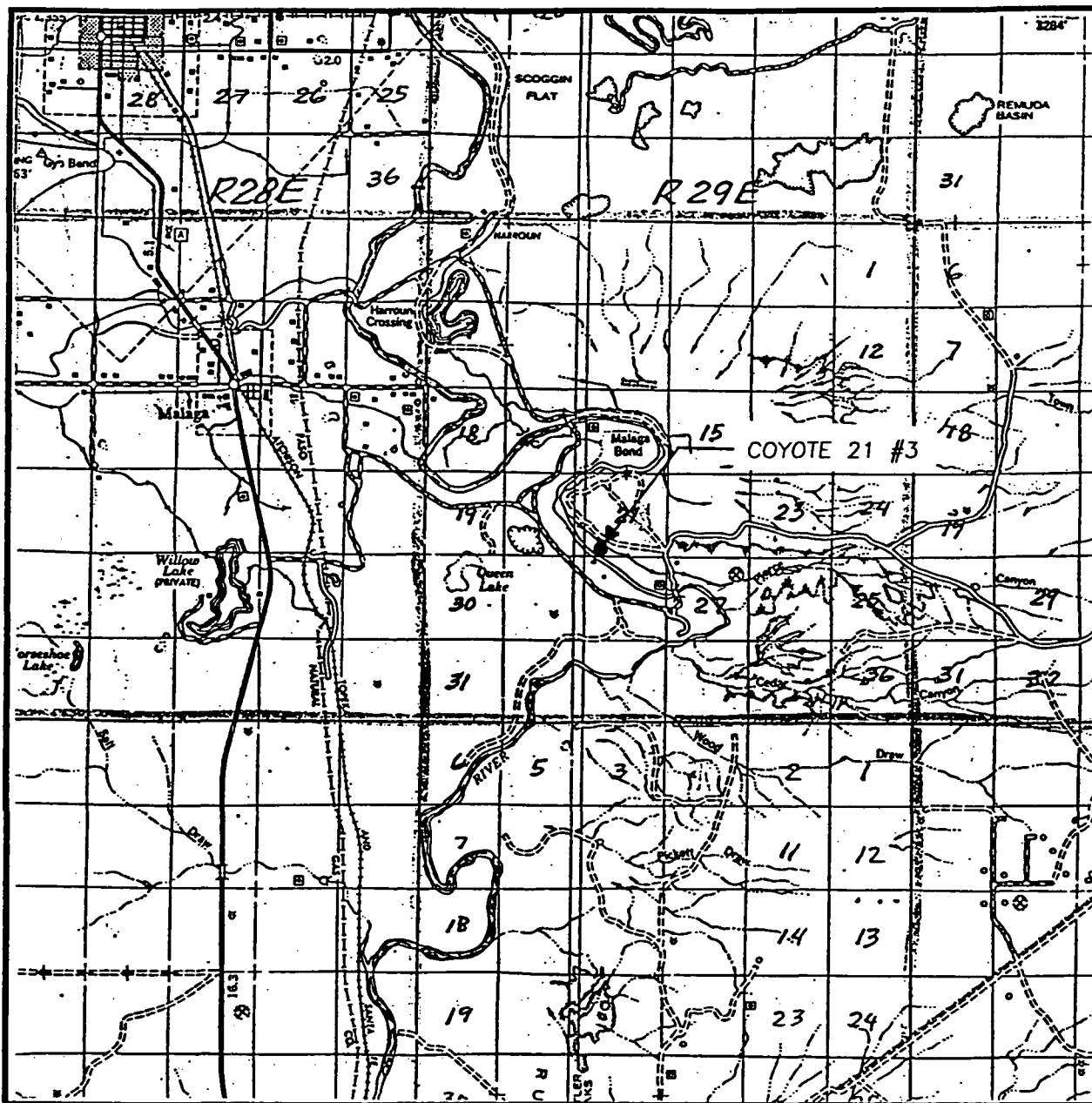
²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>James M.C. Ritchie, Jr.</i>		OIL CONSERVATION DIVISION	
Printed Name: James M.C. Ritchie, Jr.		Approved by:	
Title: Agent		Title:	
Date: 05/18/98		Approval Date:	Expiration Date:
Phone: (915) 682-6601		Conditions of Approval: Attached: <input type="checkbox"/>	

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

☐ AMENDED REPORT

Certificate No. RONALD E. ELTON	3239
GARY ELDON	12641
MAGGIE ELTON	12185

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 21 TWP. 24-S RGE. 29-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 330' FSL & 1300' FWL

ELEVATION 2914

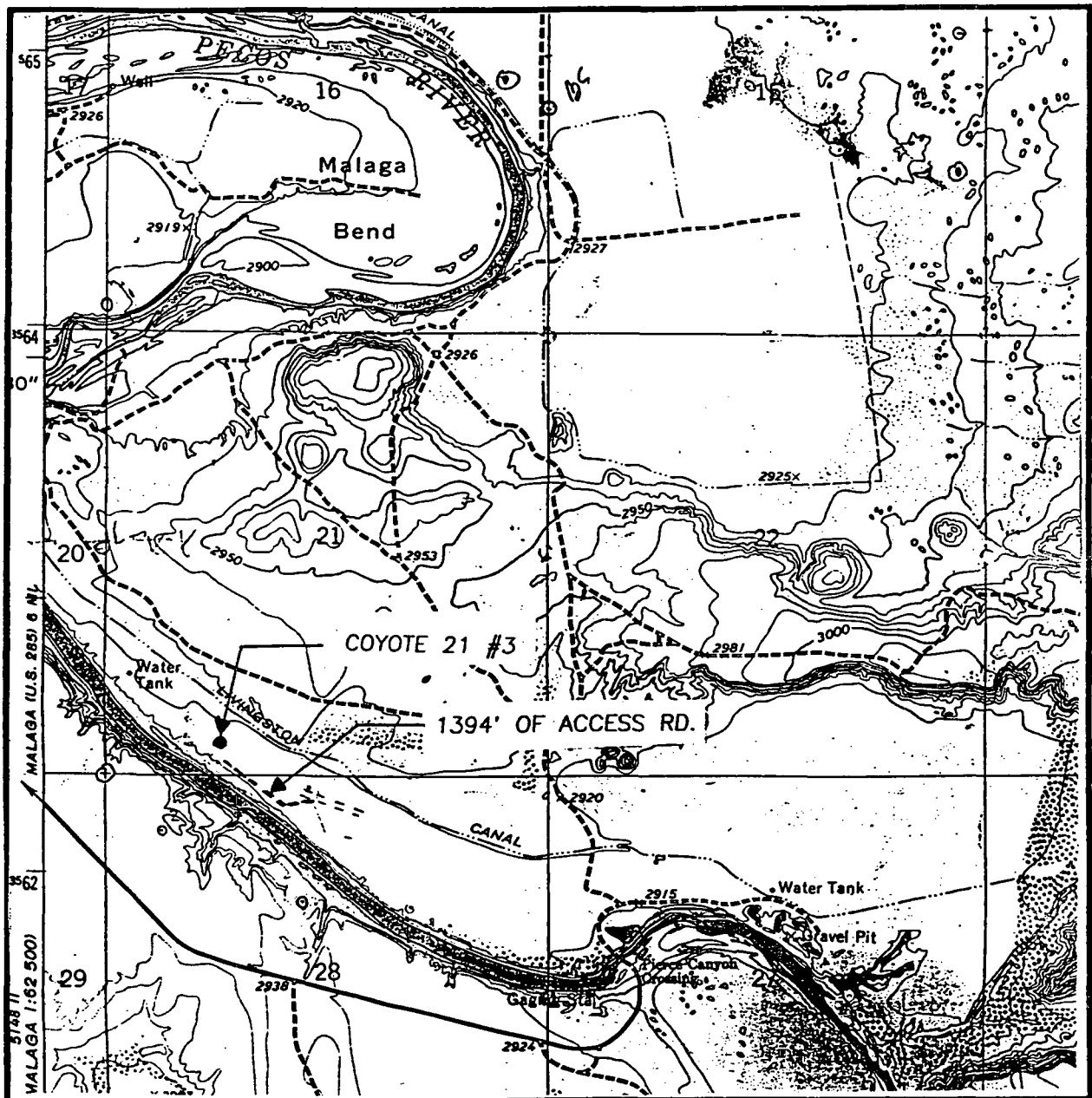
OPERATOR POGO PRODUCING COMPANY

LEASE COYOTE 21

**JOHN WEST ENGINEERING
HOBBS, NEW MEXICO**

(505) 393-3117

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
PIERCE CANYON - 10'

SEC. 21 TWP. 24-S RGE. 29-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 330' FSL & 1300' FWL

ELEVATION 2914

OPERATOR POGO PRODUCING COMPANY

LEASE COYOTE 21

U.S.G.S. TOPOGRAPHIC MAP

PIERCE CANYON, N.M.

JOHN WEST ENGINEERING
HOBBS, NEW MEXICO
(505) 393-3117