

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -

30539322

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

OCT 30 2000

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.

Print or Type Name

Signature

Title

Date

James Bruce
Attorney for Applicant
10/27/00

JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
SANTA FE, NEW MEXICO 87504

3304 CAMINO LISA
HYDE PARK ESTATES
SANTA FE, NEW MEXICO 87501

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

October 27, 2000

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. 4
1650 feet FSL & 1300 feet FWL
NW¼SW¼ (Unit L) §21, Township 24 South, Range 29 East, NMPM
Eddy County, New Mexico

Attached as Exhibit A is a Form C-101 for the well. (A Form C-102 will be provided to the Division as soon as it is prepared.) 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 geologic reasons. Attached as Exhibit B is a combined structure map on top of the Lower Brushy Canyon Pay marker and Net Sand Porosity Isopach. The proposed location is based on well control, and is interpreted to be at the highest structural position in the most favorable trend of the reservoir. Thus, moving the well to the east of an orthodox location increases the chance of encountering potential Brushy Canyon pay, and 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 a single fee tract covered by three leases (**each lease covers the entire SW¼, so mineral (royalty) ownership is common throughout the quarter section**). Pogo owns 100% of the working interest, and

there are no overriding royalty owners. Therefore, notice of this application has not been given to anyone.

Very truly yours,

A handwritten signature in cursive script, appearing to read "James Bruce".

James Bruce

Attorney for Pogo
Producing Company

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
811 South First, Artesia, NM 88210

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

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-101

Revised October 18, 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, TX 79702-7340		² OGRID Number 017891
		³ API Number 30 - 0
⁴ Property Code 19128	⁵ Property Name Coyote "21"	⁶ Well No. 4

⁷Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
L	21	24	29		1650	South	1300	West	Eddy

⁸Proposed 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 (11540)					¹⁰ Proposed Pool 2				

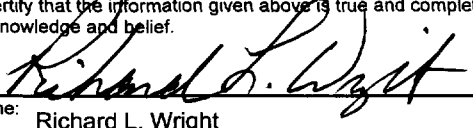
¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation
¹⁶ Multiple No	¹⁷ Proposed Depth 5500	¹⁸ Formation Delaware	¹⁹ Contractor Big Dog	²⁰ Spud Date

²¹Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4	8-5/8	32# J-55	550'	500 sks	circulated
7-7/8	5-1/2	15.5# J-55	5500	1200 sks	circulated

²²Describe the proposed program. If this application 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.

Preset 16" conductor - grout cement w/ redi mix
Drill 12-1/4" hole w/ fresh water to 500' - Set 8-5/8" casing
Drill 7-7/8" hole w/ brine water to 5500' - Set 5-1/2" casing
BOP schematic attached.

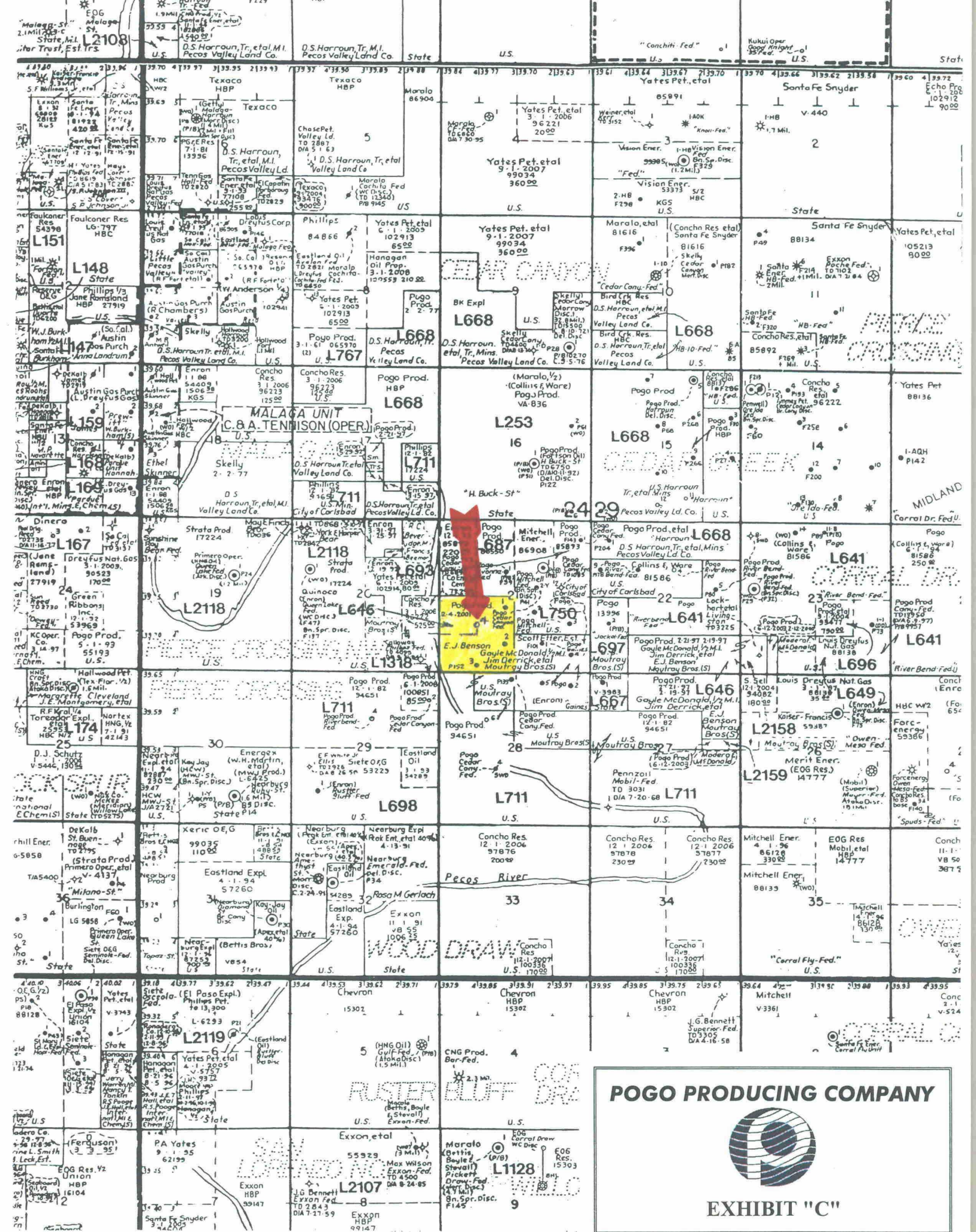
²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: 		OIL CONSERVATION DIVISION	
Printed name: Richard L. Wright		Approved By:	
Title: Division Operation Manager		Title:	
Date: 10-26-00		Approval Date:	Expiration Date:
Phone: 915-685-8100		Conditions of Approval: Attached: <input type="checkbox"/>	

The map displays the T24S area with various geological features. A red arrow points to a 'Proposed Unorthodox Location' near the center. The map includes contour lines for porosity, with labels such as 'High', 'Low', and 'Porosity Pinchout'. Numerical values like 20, 30, 40, 50, and 60 are visible, along with specific data points (e.g., 2265, 2242, 2251, 2271, 2285). A north arrow is located in the upper right quadrant.

POGO PRODUCING COMPANY

Exhibit "B"

WEH		11/30/99
-----	--	----------





**NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT**

**OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131**

July 7, 1998

**Pogo Producing Company
c/o James Bruce
P. O. Box 1056
Santa Fe, New Mexico 87504**

Administrative Order NSL-4086

Dear Mr. Bruce:

Reference is made to your application dated June 9, 1998, as supplemented on July 6, 1998, on behalf of the operator, Pogo Producing Company, for a non-standard oil well location for the proposed Coyote "21" Well No. 3 to be drilled 330 feet from the South line and 1300 feet from the West line (Unit M) of Section 21, Township 24 South, Range 29 East, NMPM, Cedar Canyon-Delaware Pool, Eddy County, New Mexico.


The geologic interpretation submitted with this application indicates that a well drilled at the proposed unorthodox oil well location will be at a more favorable geologic position within the potentially productive interval of the Cedar Canyon-Delaware Pool than a well drilled at a location considered to be standard within the proposed standard 40-acre oil spacing and proration unit comprising the SW/4 SW/4 of Section 21.

Further, all mineral interests within the SW/4 of Section 21 appears to be common throughout and Pogo Producing Company is the operator; therefore, there are no affected offsets to the subject 40-acre tract other than Pogo Producing Company.

The application has been duly filed under the provisions of Rule 104.F of the General Rules and Regulations of the New Mexico Oil Conservation Division ("Division").

By the authority granted me under the provisions of Division General Rule 104.F(2), the above-described unorthodox oil well location is hereby approved.

Sincerely,


Lori Wrotenbery
Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Artesia

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

11/09/00 08:29:32
OGOMES -TPV
PAGE NO: 1

Sec : 21 Twp : 24S Rng : 29E Section Type : NORMAL

D 40.00	C 40.00	B 40.00	A 40.00
Federal owned	Federal owned	Federal owned	Federal owned
A	A		A
E 40.00	F 40.00	G 40.00	H 40.00
Federal owned	Federal owned	Federal owned	Federal owned
A	A	A	A A

PF01 HELP
PF07 BKWD

PF02
PF08 FWD

PF03 EXIT
PF09 PRINT

PF04 GoTo
PF10 SDIV

PF05
PF11

PF06
PF12

CMD :
OG5SECTONGARD
INQUIRE LAND BY SECTION11/09/00 08:29:37
OGOMES -TPV
PAGE NO: 2

Sec : 21 Twp : 24S Rng : 29E Section Type : NORMAL

L 40.00	K 40.00	J 40.00	I 40.00
Fee owned	Fee owned	Federal owned	Federal owned
	C A	A	A
M 40.00	N 40.00	O 40.00	P 40.00
Fee owned	Fee owned	Fee owned	Fee owned
C A	C C A	A	A

PF01 HELP
PF07 BKWDPF02
PF08 FWDPF03 EXIT
PF09 PRINTPF04 GoTo
PF10 SDIVPF05
PF11PF06
PF12

CMD : ONGARD 11/09/00 08:29:56
OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TPV

API Well No : 30 15 29930 Eff Date : 04-25-1998 WC Status : A
Pool Idn : 11540 CEDAR CANYON;DELAWARE
OGRID Idn : 17891 POGO PRODUCING CO
Prop Idn : 19128 COYOTE 21

Well No : 001
GL Elevation: 2948

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
	---	---	-----	-----	-----	-----	-----
B.H. Locn : K	21	24S	29E	FTG 2310	F S	FTG 2310	F W P

Lot Identifier:

Dedicated Acre: 40.00

Lease Type : S

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07	PF08	PF09	PF10 NEXT-WC	PF11 HISTORY	PF12 NXTREC

CMD : ONGARD 11/09/00 08:30:45
OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TPV

API Well No : 30 15 30336 Eff Date : 10-07-1998 WC Status : A
Pool Idn : 11540 CEDAR CANYON;DELAWARE
OGRID Idn : 17891 POGO PRODUCING CO
Prop Idn : 19128 COYOTE 21

Well No : 003
GL Elevation: 2914

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
	---	---	-----	-----	-----	-----	-----
B.H. Locn : M	21	24S	29E	FTG	330 F S	FTG 1300 F W	P

Lot Identifier:
Dedicated Acre: 40.00
Lease Type : S
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07	PF08	PF09	PF10 NEXT-WC	PF11 HISTORY	PF12 NXTREC

CMD : ONGARD 11/09/00 08:31:33
OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TPV

API Well No : 30 15 29864 Eff Date : 11-28-1997 WC Status : A
Pool Idn : 11540 CEDAR CANYON;DELAWARE
OGRID Idn : 17891 POGO PRODUCING CO
Prop Idn : 19128 COYOTE 21

Well No : 002
GL Elevation: 2939

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
	---	---	-----	-----	-----	-----	-----
B.H. Locn : N	21	24S	29E	FTG	990 F S	FTG 2310 F W	P

Lot Identifier:

Dedicated Acre: 40.00

Lease Type : S

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07	PF08	PF09	PF10 NEXT-WC	PF11 HISTORY	PF12 NXTREC

ILLEGIBLE

JAMES BRUCE
Attorney at Law
Post Office Box 1056
Santa Fe, New Mexico 87504
Telephone: (505) 982-2043
Fax: (505) 982-2151

FAX COVER SHEET

DELIVER TO: Michael E. Stinner
COMPANY: Oil Conservation Division
CITY: Santa Fe, New Mexico
FAX NUMBER: 827-1389
NUMBER OF PAGES: 3 (including Cover Sheet)
DATE SENT: 11/2/00
NRMO:

CONFIDENTIALITY NOTICE

This transmission contains information which may be confidential and/or legally privileged. The information is intended only for the above-named recipient. If you are not the intended recipient, any copying or distribution of the information is prohibited. If you have received this transmission in error, please call us at the above number and return the document by United States mail. Thank you.

ILLEGIBLE**JAMES BRUCE**
ATTORNEY AT LAWPOST OFFICE BOX 1094
SANTA FE, NM 87501-10941000 AMINO LINA
1010 PARK LANE
SANTA FE, NM 87505PHONE 865-944
FAX 920-215-1515

New Mexico

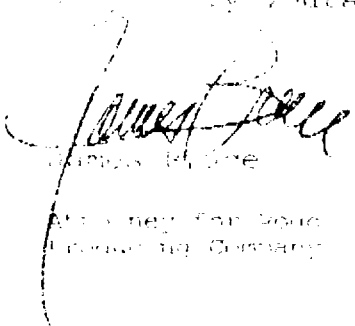
Via Fax

Michael E. [redacted]
Oil & Gas Division, [redacted]
1000 [redacted] [redacted]
Santa Fe, New Mexico 87505Re: Administrative application of [redacted] Producing Company for
an unorthodox oil well locationSection 3, 15 West, N. 4
100 feet E. 1/4, 15 West, E. 1/4
NMP#SW# 121, Township 24 South, Range 19 East, NMP#
Edley County, New Mexico

To: Mr. [redacted]

The [redacted] regarding the above application, is a Form 0-102.

Very truly yours,


James BruceAttorney for [redacted]
[redacted] Company

FOOD PRODUCTIONS

REF ID: A66581

Nov 1 00 17:33

P. 74

ILLEGIBLE

DEFAULT 1

P.O. Box 74229, Seattle, WA 98147-0229

State of New Mexico

Abstracts of Papers and Reports

Form C-102

Harvard February 18, 1954

Submitted to: Appropriations District Office

State Income & Control

For Loans - 3 Cent

DISTRICT II

7-6. Security Plan, Atlanta, Jan 4-12, 1942.

DISTRICT 10

1000 New Bremen Rd., Astoria, OR 97103

OIL CONSERVATION DIVISION

P.O. Box 2068

Santa Fe, New Mexico 87504-2088

DISTRICT IV

P 3 Jan 2000 1444g #1 SW 1750g - 21mm

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
	11540	CEDAR CANYON - DELAWARE
Property Code	Property Name	Well Number
19128	COYOTE "2"	4
OGAS No.	Operator Name	Location
17891	POCO PRODUCING COMPANY	2938

Surface Location

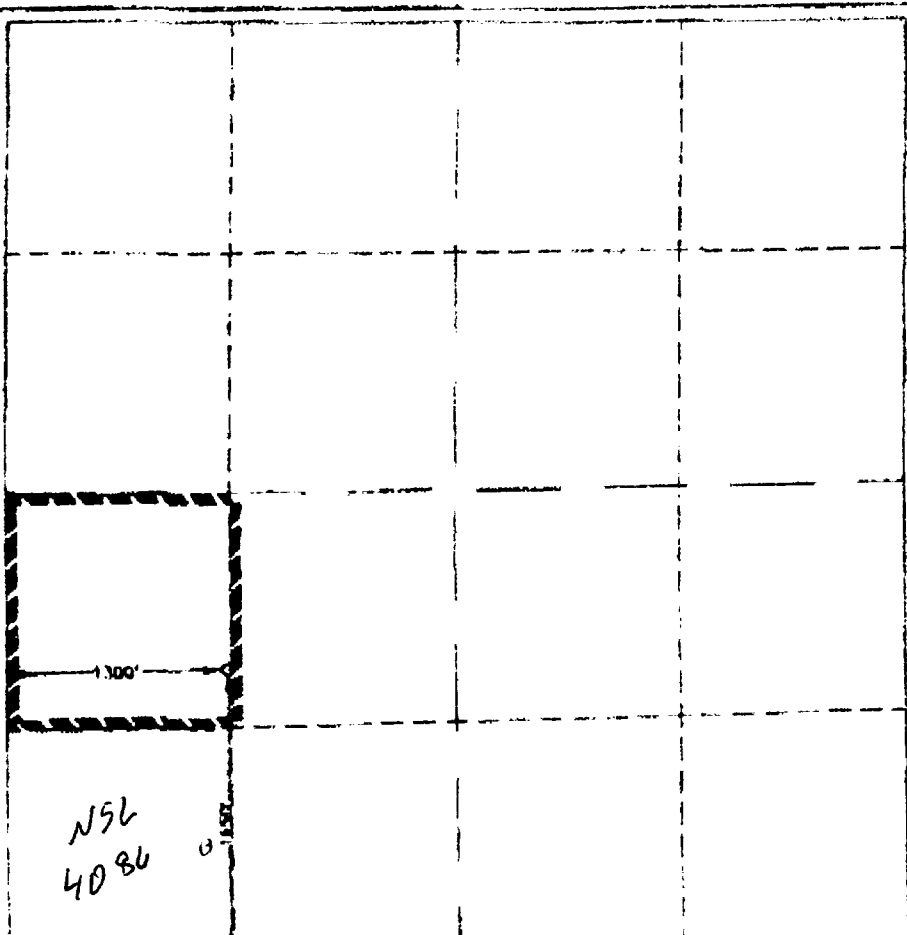
UL or Lot No.	Section	Township	Range	Lot No.	Feet from the	North/South line	Feet from the	East/West line	County
1	21	24 S	29 E		1500	SOUTH	1300	WEST	EDDY

Bottom Hole Location If Different From Surface

UT or Lot No.	Section	Township	Range	Lot 14a	Foot Creek L&C	North/South Line	Foot Creek L&C	East/West Line	County
---------------	---------	----------	-------	---------	----------------	------------------	----------------	----------------	--------

Definitely Answer	Total of Answers	Consolidation Code	Order No.
40			

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><i>[Signature]</i> Signature DUE T. JANION Printed Name Agent Title 11/01/00 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>OCTOBER 31, 2000 Date Surveyed Signature & Seal of Professional Surveyor <i>[Signature]</i> W.O. Num. 00-11-4361 Certificate No. 00000, 00004, 00008, 00012, 00016, 00020, 00024, 00028, 00032, 00036, 00040, 00044, 00048, 00052, 00056, 00060, 00064, 00068, 00072, 00076, 00080, 00084, 00088, 00092, 00096, 00100, 00104, 00108, 00112, 00116, 00120, 00124, 00128, 00132, 00136, 00140, 00144, 00148, 00152, 00156, 00160, 00164, 00168, 00172, 00176, 00180, 00184, 00188, 00192, 00196, 00200, 00204, 00208, 00212, 00216, 00220, 00224, 00228, 00232, 00236, 00240, 00244, 00248, 00252, 00256, 00260, 00264, 00268, 00272, 00276, 00280, 00284, 00288, 00292, 00296, 00300, 00304, 00308, 00312, 00316, 00320, 00324, 00328, 00332, 00336, 00340, 00344, 00348, 00352, 00356, 00360, 00364, 00368, 00372, 00376, 00380, 00384, 00388, 00392, 00396, 00400, 00404, 00408, 00412, 00416, 00420, 00424, 00428, 00432, 00436, 00440, 00444, 00448, 00452, 00456, 00460, 00464, 00468, 00472, 00476, 00480, 00484, 00488, 00492, 00496, 00500, 00504, 00508, 00512, 00516, 00520, 00524, 00528, 00532, 00536, 00540, 00544, 00548, 00552, 00556, 00560, 00564, 00568, 00572, 00576, 00580, 00584, 00588, 00592, 00596, 00600, 00604, 00608, 00612, 00616, 00620, 00624, 00628, 00632, 00636, 00640, 00644, 00648, 00652, 00656, 00660, 00664, 00668, 00672, 00676, 00680, 00684, 00688, 00692, 00696, 00700, 00704, 00708, 00712, 00716, 00720, 00724, 00728, 00732, 00736, 00740, 00744, 00748, 00752, 00756, 00760, 00764, 00768, 00772, 00776, 00780, 00784, 00788, 00792, 00796, 00800, 00804, 00808, 00812, 00816, 00820, 00824, 00828, 00832, 00836, 00840, 00844, 00848, 00852, 00856, 00860, 00864, 00868, 00872, 00876, 00880, 00884, 00888, 00892, 00896, 00900, 00904, 00908, 00912, 00916, 00920, 00924, 00928, 00932, 00936, 00940, 00944, 00948, 00952, 00956, 00960, 00964, 00968, 00972, 00976, 00980, 00984, 00988, 00992, 00996, 01000, 01004, 01008, 01012, 01016, 01020, 01024, 01028, 01032, 01036, 01040, 01044, 01048, 01052, 01056, 01060, 01064, 01068, 01072, 01076, 01080, 01084, 01088, 01092, 01096, 01100, 01104, 01108, 01112, 01116, 01120, 01124, 01128, 01132, 01136, 01140, 01144, 01148, 01152, 01156, 01160, 01164, 01168, 01172, 01176, 01180, 01184, 01188, 01192, 01196, 01200, 01204, 01208, 01212, 01216, 01220, 01224, 01228, 01232, 01236, 01240, 01244, 01248, 01252, 01256, 01260, 01264, 01268, 01272, 01276, 01280, 01284, 01288, 01292, 01296, 01300, 01304, 01308, 01312, 01316, 01320, 01324, 01328, 01332, 01336, 01340, 01344, 01348, 01352, 01356, 01360, 01364, 01368, 01372, 01376, 01380, 01384, 01388, 01392, 01396, 01400, 01404, 01408, 01412, 01416, 01420, 01424, 01428, 01432, 01436, 01440, 01444, 01448, 01452, 01456, 01460, 01464, 01468, 01472, 01476, 01480, 01484, 01488, 01492, 01496, 01500, 01504, 01508, 01512, 01516, 01520, 01524, 01528, 01532, 01536, 01540, 01544, 01548, 01552, 01556, 01560, 01564, 01568, 01572, 01576, 01580, 01584, 01588, 01592, 01596, 01600, 01604, 01608, 01612, 01616, 01620, 01624, 01628, 01632, 01636, 01640, 01644, 01648, 01652, 01656, 01660, 01664, 01668, 01672, 01676, 01680, 01684, 01688, 01692, 01696, 01700, 01704, 01708, 01712, 01716, 01720, 01724, 01728, 01732, 01736, 01740, 01744, 01748, 01752, 01756, 01760, 01764, 01768, 01772, 01776, 01780, 01784, 01788, 01792, 01796, 01800, 01804, 01808, 01812, 01816, 01820, 01824, 01828, 01832, 01836, 01840, 01844, 01848, 01852, 01856, 01860, 01864, 01868, 01872, 01876, 01880, 01884, 01888, 01892, 01896, 01900, 01904, 01908, 01912, 01916, 01920, 01924, 01928, 01932, 01936, 01940, 01944, 01948, 01952, 01956, 01960, 01964, 01968, 01972, 01976, 01980, 01984, 01988, 01992, 01996, 02000, 02004, 02008, 02012, 02016, 02020, 02024, 02028, 02032, 02036, 02040, 02044, 02048, 02052, 02056, 02060, 02064, 02068, 02072, 02076, 02080, 02084, 02088, 02092, 02096, 02100, 02104, 02108, 02112, 02116, 02120, 02124, 02128, 02132, 02136, 0</p>