

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

(Other instructions on  
reverse side)

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

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

b. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER

SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Conoco Inc.

a. ADDRESS AND TELEPHONE NO

10 Desta Dr. Ste 430E, Midland, Tx. 79705-4500

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

At surface

435' FNL & 1180' FEL

At proposed prod. zone

435' FNL & 1180' FEL

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

5. LEASE DESIGNATION AND SERIAL NO

SF-078048

6 IF INDIAN, ALLOTTEE OR TRIBE NAME

7 UNIT AGREEMENT NAME

15 Porkchop Federal 28

8. FARM OR LEASE NAME WELL NO

#1

9. API WELL NO

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Sec. 28, T26N, R7W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

5. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if Any)

16 NO OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

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

19. PROPOSED DEPTH

7355'

20. ROTARY OR CABLE TOOLS

Rotary

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

6241' GR

22. APPROX. DATE WORK WILL START\*

9/15/98

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	K-55, 9-5/8"	36#	300'	160 sxs, circ.
8-3/4" & 7-7/8"	K-55, 5-1/2"	15.5#	7055'	1205 sxs, circ

It is proposed to drill a vertical wellbore to the Basin Dakota Pool. An NOS was filed 10/30/97. The well will be drilled and equipped according to the following additional attachments:

1. Well Location & Acreage Dedication Plat (C-102).
2. Proposed Well Plan Outline.
3. Cementing Plan.
4. Blowout Preventer Hookup.
5. Surface Use Plan with Production Facility layout.
6. Pipeline Tie Specifications with plat.

RECEIVED  
SEP 14 1998  
OIL CON. DIV.  
DIST. 2

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS"

This application includes ROW's for the well pad, cathodic protection, access road and pipeline.

Nonstandard location is being filed under separate cover.

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

24.

SIGNED

Jo Ann Johnson

TITLE

Sr. Property Analyst

DATE

8/12/98

(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

/S/ Duane W. Spencer

TITLE

DATE

SEP 10 1998

\*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.

NSL-4123

NMOC

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

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised February 21, 1994

District II  
PO Drawer 00, Artesia, NM 88211-0719

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

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

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

District IV  
PO Box 2088, Santa Fe, NM 87504-2088

☐ AMENDED REPORT

58 AUG 17 PM 1:15

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number <b>30-039-25965</b>		*Pool Code <b>71599</b>	*Pool Name <b>Basin Dakota</b>
*Property Code <b>N/A 236-11</b>	*Property Name <b>PORKCHOP FEDERAL 28</b>		*Well Number <b>1</b>
*OSRID No <b>05073</b>	*Operator Name <b>CONOCO, INC.</b>		*Elevation <b>6241'</b>

<sup>10</sup> Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	28	26N	7W		435	North	1180	East	RIO ARriba

<sup>11</sup> Bottom Hole Location If Different From Surface

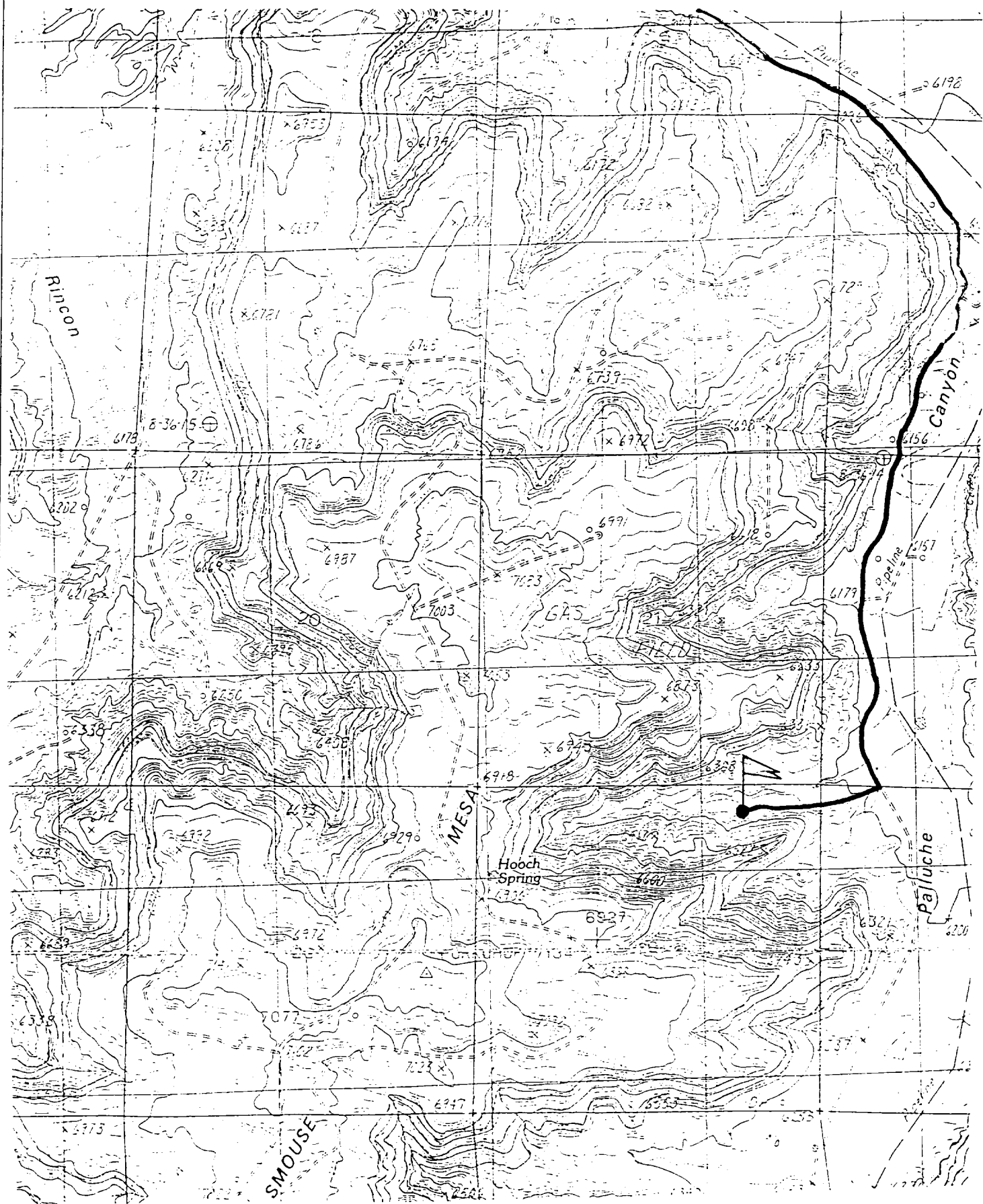
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres <b>320</b>	<sup>13</sup> Joint or Infill <b>N</b>	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No. <b>Non-standard Location (to be applied for)</b>
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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

	<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  <i>Mike L. Mankin</i> Signature Mike L. Mankin Printed Name Right-Of-Way Agent Title April 21, 1998 Date
	<sup>18</sup> 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.  NOVEMBER 15, 1997 Date of Survey Signature and Seal of Professional Surveyor 
	<b>RECEIVED</b> SEP 14 1998 OIL CON. DIV. DIST. 3

435' FNL & 1180' FEL SECTION 28, T26N, R7W  
RIO ARriba COUNTY, N.M.P.M., NEW MEXICO



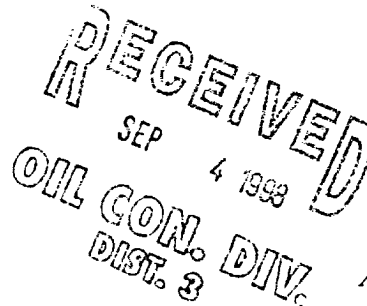


NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

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

August 31, 1998

Conoco, Inc.  
10 Desta Drive - Suite 100-W  
Midland, Texas 79705-4500  
Attention: Kay Maddox



Administrative Order NSL-4123

Dear Ms. Maddox:

Reference is made to your application submitted to the New Mexico Oil Conservation Division ("Division") on August 10, 1998 for an exception to the well location requirements provided within the "*Special Rules and Regulations for the Basin-Dakota Pool*," as promulgated by Division Order No. R-10987. The N/2 of Section 28, Township 26 North, Range 7 West, NMPM, Rio Arriba County, New Mexico is to be dedicated to the proposed well in order to form a standard 320-acre gas spacing and proration unit for the Basin-Dakota Pool.

The application has been duly filed under the provisions of Division Rules 104.F and 605.B of the General Rules and Regulations of the New Mexico Oil Conservation Division ("Division").

By the authority granted me under the provisions of Division Rule 104.F(2), the following described well to be drilled at an unorthodox gas well location in Section 28 is hereby approved:

**Porkchop Federal "28" Well No. 1**  
**435' FNL & 1180' FEL (Unit A).** 28-26-7W

Further, the aforementioned well and spacing unit will be subject to all existing rules, regulations, policies, and procedures applicable to prorated gas pools in Northwest, New Mexico.

Sincerely,

Lori Wrotenbery  
Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Aztec /  
U. S. Bureau of Land Management - Farmington



Mid-Continent Region  
Exploration/Production

Conoco Inc.  
10 Desta Drive, Suite 100W  
Midland, TX 79705-4500  
(915) 686-5400

Mr. Michael Stogner  
New Mexico Oil Conservation Division  
2040 S. Pacheco  
Santa Fe, New Mexico 87504

RE: Application For Non-Standard Location  
For Porkchop Federal #1 to Avoid Topography  
& Archeological Discoveries

RECEIVED  
AUG 6 1998  
OIL CON. DIV.  
DIST. 3

Dear Mr. Stogner,

This proposed Dakota well has been staked at a non-standard location of 435' FNL & 1180' FEL, Section 28, T26N, R7W, Rio Arriba County as shown by the attached C-102. The Basin Dakota pool rules require a standard location to be located no closer than 790' from the North section line. This staked location is only 435' from the North section line.

Figure 2A is a topo map showing the location of Palluche Canyon which is where the proposed location has been staked. Please find attached a letter from the BLM stating why they feel that a non-standard location is necessary and why they suggest this non-standard location be located in the bottom of the canyon. Attached is a statement from the Neale C. Edward Survey Company also stating the reasons for our request of a non-standard location.

The proposed well will be completed in the Dakota formation. The offset operator plat shows the operators that could be affected by this non-standard location and enclosed is evidence that they have been notified.

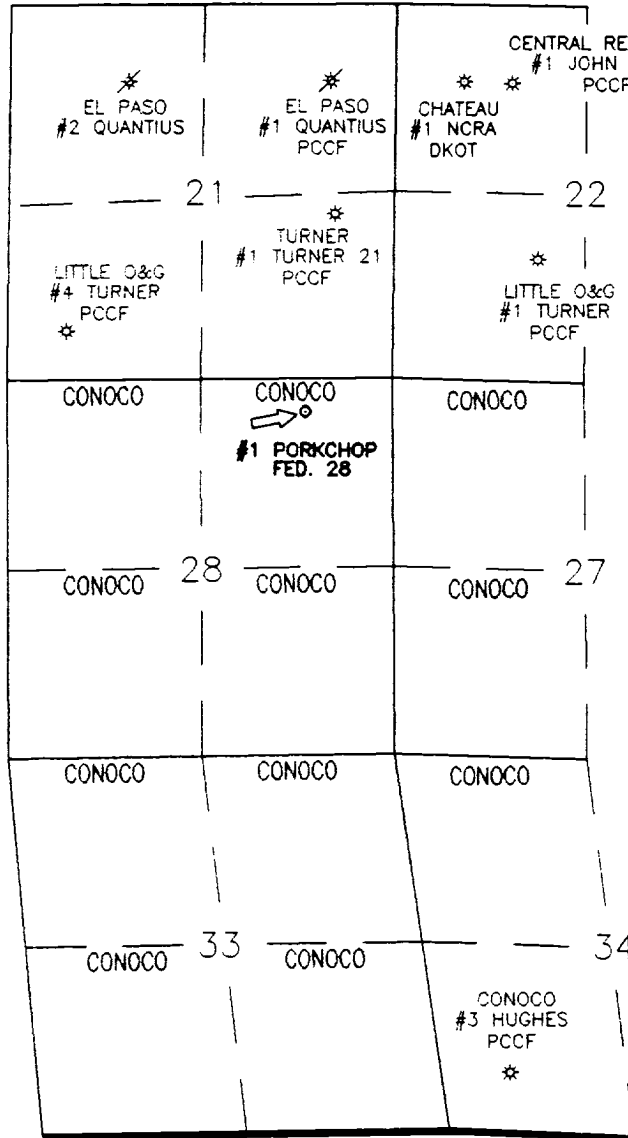
A non-standard location order is requested based on the reasons given in the following attachments. If there are further questions concerning this application please call me at (915) 686-5798.

Sincerely,

Kay Maddox  
Regulatory Agent

cc: Oil Conservation Division - Aztec  
William J LeMay, Director - OCD, Santa Fe

R 7 W



T  
26  
N

# NOTES

## NOTE:

Topographic constraints, archeological considerations, and resource damage mitigation necessitate a non-standard location. SF 078048

Plat shows all offset producers.

DATE: 8/1/98

DRAWN BY: GLG

CHECKED BY:

APPROVED BY:

SCALE: 1" = 2640'

STATE PLANE COORDINATES REFERRED TO  
NAD27 - NEW MEXICO WEST  
STATE PLANE COORDINATES  
ZONE - 3003

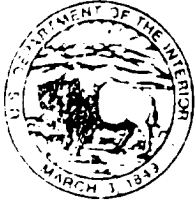
**conoco** EPNGNA  
MIDLAND DIVISION

CONOCO INC. - Application for  
Non-Standard Basin Dakota Location,  
#1 PORKCHOP FEDERAL 28, Unit Ltr. A  
Sec. 28-T26N-R7W, Rio Arriba County,  
New Mexico

STATE API COUNTY WELL  
30 \ 039 \

DRAWING  
PORK\_1

CONOCO INC. OFFICE  
10 DESTA DRIVE WEST  
MIDLAND, TEXAS 79705



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Farmington District Office  
1235 La Plata Highway  
Farmington, New Mexico 87401

IN REPLY REFER TO:

SF-078048(07600)  
3162.3-1 (070)

Conoco Incorporated  
Attn: Mike Mankin  
10 Desta Drive, Suite 430E  
Midland, TX 79705

Dear Mr. Mankin:

This is in reference to the placement of the proposed Porkchop Federal number 28-1 Dakota well, located 43.7' FNL, 1180' FEL, Sec. 28, T. 26 N., R. 7 W., lease number SF 078048. After attempting to find a suitable location within the windows established by the New Mexico Oil Conservation Commission, we suggest you submit for a nonstandard location. A suitable orthodox location was not found because of major topographical constraints and archeological concerns in the area. Considerable environmental surface damage would occur with the construction of a pad and access road in such steep terrain. A vast archeological site occupies the only area that would be plausible for placing a well. For these reasons a nonstandard location in the bottom of the canyon would be more suitable. There the pad and access road could be built on more level terrain. Construction would require less dirt work, create less resource damage, and would be easier to maintain. By placing the pad in the bottom of the canyon, important cultural resources will also be protected.

In the past it has been discussed that nonstandard locations would probably be proposed more frequently as the more desirable locations are developed. It is our desire to find the best possible locations for new wells and access roads being proposed with minimal environmental impacts. Therefore, we will be glad to support your nonstandard proposal for the Porkchop Federal number 28-1 well to the NMOCC.

If there is any way we can be of further assistance, please contact Jackie Neckels of the Environmental Compliance Staff at (505) 599-6323.

Sincerely

Senior Technical Advisor  
Environmental Compliance

NOVEMBER 15, 1997

CONOCO, INC.  
PORKCHOP FEDERAL #28-1  
435' FNL, 1180' FEL,  
SEC.28, T26N, R7W, NMPM  
RIO ARriba COUNTY, NM

TO WHOM IT MAY CONCERN @ CONOCO, INC.:

**REASONS FOR NON-STANDARD LOCATION:**

THE PRIMARY REASON FOR THE NON-STANDARD STAKING OF THE PORKCHOP FEDERAL #28-1 IS THE DRASTIC RELIEF IN THE TOPOGRAPHY WHICH EXISTS IN THIS AREA. THE DRASTIC RELIEF IN TOPOGRAPHY LENDS ITSELF TO BOTH POOR SITE FOR LOCATION & STEEP ACCESS WHICH IS DIFFICULT TO ADEQUATELY MAINTAIN. FURTHERMORE, THE ONLY POSSIBLE SITE FOR THE WELLPAD WAS COVERED BY EXTREMELY VAST ARCHEOLOGICAL DISCOVERY. FOR THESE REASONS, THE LOCATION STAKED AT 435' FNL 1180' FEL WILL HOPEFULLY BE ACCEPTABLE.



[illegible]

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

03-107-14  
 01-01-2020, Santa Fe, NM 87504-2020

1. INDEXED INDEX

*API Number		*Pool Code		*Pool Name					
71599		Basin Dakota							
*Property Code		*Property Name			*Well Number				
N/A		PORKCHOP FEDERAL 28			1				
*SPR No		*Operation Name			*Elevation				
05073		CONOCO, INC.			8241				
*9 Surface Location									
Well Loc No	Section	Township	Range	Lot (on)	Feet from the	North/South line	Feet from the	East/West line	County
A	28	26N	7W		435	North	1180	East	Blaine
** Bottom Hole Location If Different From Surface									
Well Loc No	Section	Township	Range	Lot (on)	Feet from the	North/South line	Feet from the	East/West line	County
*2 Dedicated Acres		*3 Joint or Infill		*4 Consolidation Code		*5 Order No.			
320		N				Non-standard Location (to be applied for)			

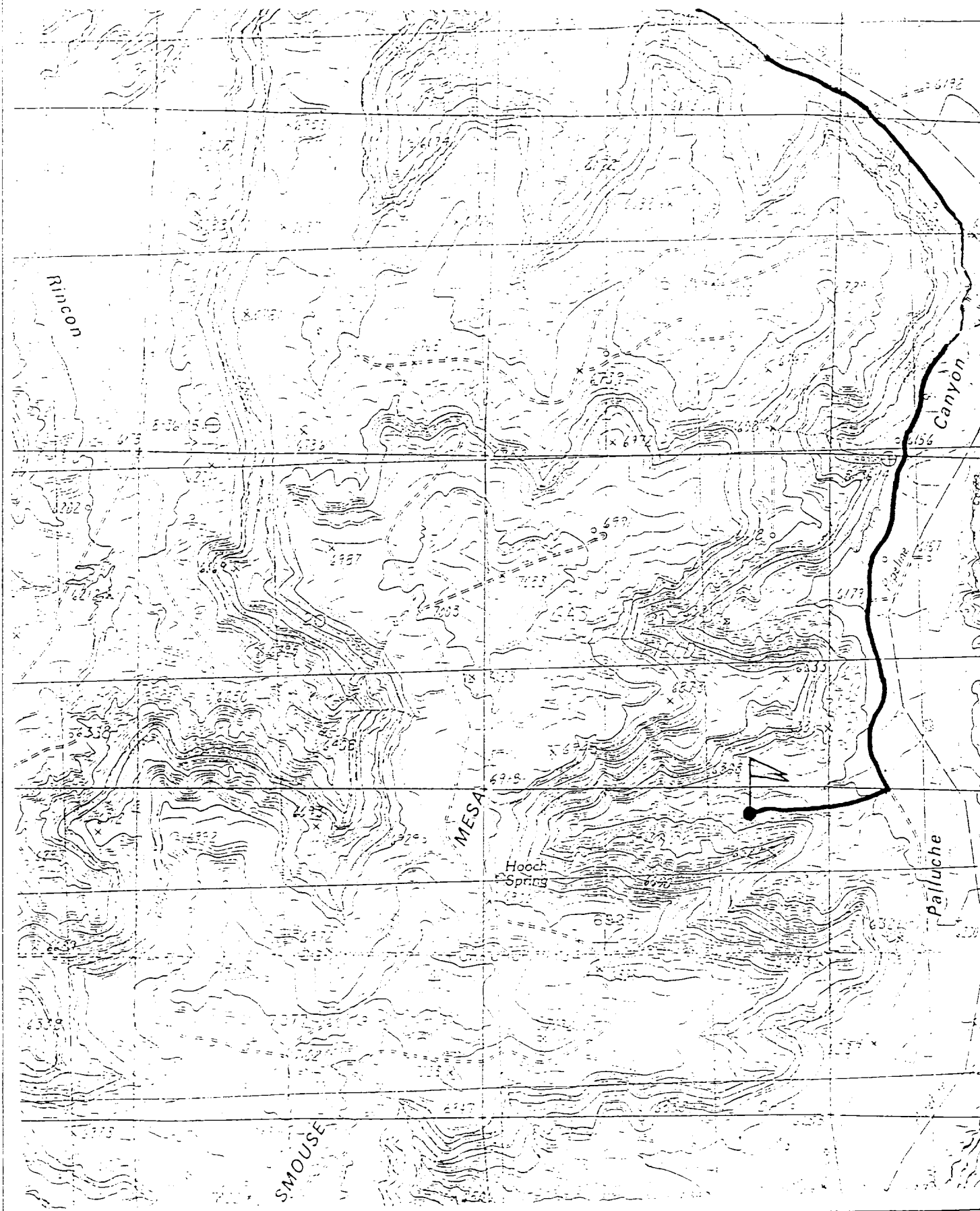
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p style="text-align: center; font-size: 2em; margin-top: 100px;">28</p>	<h3 style="margin: 0;">OPERATOR CERTIFICATION</h3> <p style="font-size: 0.8em; margin: 0;">I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <div style="margin-top: 20px;"> </div> <p><u>Mike L. Vackin</u></p> <p><u>District Chief - New Agent</u></p> <p><u>2.6.98</u></p>
<p style="text-align: right; font-size: 1.2em;">5288.58'</p> <p style="text-align: left; font-size: 1.2em;">5184.96'</p> <p style="text-align: center; font-size: 1.2em;">5192.88'</p> <p style="text-align: center; font-size: 1.2em;">1180'</p> <p style="text-align: center; font-size: 1.2em;">435'</p>	<h3 style="margin: 0;">SURVEYOR CERTIFICATION</h3> <p style="font-size: 0.8em; margin: 0;">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 style="text-align: center; margin-top: 20px;"><u>NOVEMBER 18, 1997</u></p> <p>Date of Survey:</p> <p>Signature and Seal of Professional Surveyor:</p> <div style="text-align: center; margin-top: 10px;"> </div> <p>Certification:</p>

FIGURE 2A

CONOCO, INC. PORKCHOP FEDERAL 28 #1

435' FNL & 1180' FEL SECTION 28, T26N, R7W  
RIO ARriba COUNTY, N.M.P.M., NEW MEXICO



July 30, 1998

Porkchop Federal #28-1  
Section 28, T-26-N, R-7-W.  
435' FNL & 1180' FEL  
Rio Arriba County, New Mexico

RE: Application for Non-standard Location

**Notification of Offset Operators:**

Turner Production Co.  
One Energy Square STE 852  
Dallas, TX 75206

Little Oil & Gas  
2346 E 20<sup>th</sup> Street  
Farmington, NM 87499-1258



Little Oil & Gas	
2346 E 20 <sup>th</sup> Street	
Farmington, NM 87499-1258	
	\$



Turner Prod. Co.	
One Energy Sq STE 852	
DALLAS, TX 75206	
	\$

A copy of the Non-standard location request has been sent to the above listed parties – please see attached evidence.