

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
100 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
Revised March 17, 1999

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

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 Sonat Raton, L.L. C. P.O. Box 190 Raton, NM 87740		² OGRID Number 180514
		³ API Number 30 - 007-20080
³ Property Code 34993 25180	⁵ Property Name Vermejo Park Ranch	⁶ Well No. VPR B-25 (Formerly Van Bremmer D)

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
E	25	30N	18E		1587'	FNL	1120'	FWL	Colfax

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 Vermejo					¹⁰ Proposed Pool 2 Raton				

¹¹ Work Type Code E	¹² Well Type Code W G	¹³ Cable/Rotary Completion Rig Vermejo	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 7889' (GL)
¹⁶ Multiple No No	¹⁷ Proposed Depth 2350'	¹⁸ Formation Vermejo	¹⁹ Contractor Not Available	²⁰ Spud Date January 7, 2000

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
11"	8 5/8"	24#	328'	250 sx.	
7 7/8"	5 1/2"	17#	2316.5'	300 sx.	

²² Describe 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.

- RU completion rig. Install BOP. PU and RIH with 4 3/4" bit on 2 7/8" tubing.
- Drill out surface plug 0' to 50' and CIBP at 1947'. Reverse circulate clean with fresh or clean produced water to PBTD at 2286'.
- Perforate and frac according to Raton/Houston offices.
- Clean out to bottom and reverse circulate clean.
- RIH with pumping equipment and place on test.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *DR Lankford*

Printed name: Donald R. Lankford

Title: Senior Petroleum Engineer

Date: 12/20/99

Phone: (505) 445-4620

OIL CONSERVATION DIVISION

Approved by:

Title: **DISTRICT SUPERVISOR**

Approval Date: **12/27/99**

Expiration Date: **12/27/00**

Conditions of Approval:

Attached

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-87

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION
P.O. Box 2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 83210

Santa Fe, New Mexico 87504-2088

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

WELL API NO.	30-007-20080
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.	

<p align="center">SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)</p>			
1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Coal Methane		7. Lease Name or Unit Agreement Name Van Bremmer Canyon 3018	
2. Name of Operator Pennzoil Exploration & Production Company		8. Well No. 251-E	
3. Address of Operator P.O. Box 2967, Houston, TX 77252		9. Pool name or Wildcat Wildcat	
4. Well Location Unit Letter <u>E</u> : <u>1120</u> Feet From The <u>West</u> Line and <u>1587</u> Feet From The <u>North</u> Line Section <u>25</u> Township <u>30N</u> Range <u>18E</u> NMPM Colfax County			
		10. Elevation (Show whether DF, RKB, RT, GR, etc.) 7889 GR	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

8/07/91 Estimated start of work.

1. Remove surface equipment, pull rods and tubing.
2. Set CIBP @ 1960' with 12 sks (108') class A cement @ 15.6 ppg. Fill to surface with Gel mud.
3. Place 6 sks (50') surface plug with class A cement @ 15.6 ppg.
4. Place well marker, fill pits remove junk and debris from location. Location may be used as a storage site.

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

SIGNATURE L. D. Williamson TITLE Operations Superintendent DATE 7/09/91

TYPE OR PRINT NAME L. D. Williamson TELEPHONE NO. 376-2817

(This space for State Use)

APPROVED BY [Signature] TITLE DISTRICT SUPERVISOR DATE 7-10-91

CONDITIONS OF APPROVAL IF ANY:

Submit to Appropriate District Office
 State Lease - 6 copies
 Fee Lease - 5 copies
 DISTRICT I
 P.O. Box 1980, Hobbs, NM 88240

State of New Mexico
 Energy, Minerals and Natural Resources Department

Form C-105
 Revised 1-1-89

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

DISTRICT II
 P.O. Drawer DD, Artesia, NM 88210

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

WELL API NO.
 30-007-20080

5. Indicate Type of Lease
 STATE FEE

6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:
 OIL WELL GAS WELL DRY OTHER Coal Methane

b. Type of Completion:
 NEW WELL WORK OVER DEEPEN PLUG BACK DIFF RESVR OTHER

7. Lease Name or Unit Agreement Name
 Van Bremmer Canyon
 3018

2. Name of Operator
 Pennzoil Exploration and Production Company

8. Well No.
 251-E

3. Address of Operator
 P.O. Box 2967, Houston, TX 77252

9. Pool name or Wildcat
 Wildcat

4. Well Location
 Unit Letter E : 1120 Feet From The West Line and 1587 Feet From The North Line
 Section 25 Township 30N Range 18E NMPM Colfax County

10. Date Spudded 5/23/89 11. Date T.D. Reached 7/4/89 12. Date Compl. (Ready to Prod.)
 13. Elevations (DF & RKB, RT, GR, etc.) 7889 GR 14. Elev. Casinghead 7890

15. Total Depth 2350 16. Plug Back T.D. 2286 17. If Multiple Compl. How Many Zones? 1 18. Intervals Drilled By Rotary Tools 0-2350 Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name
1977-2210 Multiple coal seams 20. Was Directional Survey Made
Yes

21. Type Electric and Other Logs Run
GR, Dual Induction, Density, Neutron, Caliper, Drift 22. Was Well Cored
No

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
11 3/4	42	42	14 3/4	100 sks class G	0
8 5/8	24	328	11	250 sks class G	0
5 1/2	17	2316.5	7 7/8	300 sks silicalite	0

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. TUBING RECORD	SIZE	DEPTH SET	PACKER SET
						2 7/8	2263	NA

26. Perforation record (interval, size, and number)
2208-10 2134-38 1977-79
2194-97 2102-03
2184-91 2007-09 2 1/2 shots/ft
2163-64 1984-87

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
 DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
1977-2210 396,000 lbs sand

28. PRODUCTION

Date First Production 9/12/89 Production Method (Flowing, gas lift, pumping - Size and type pump)
Pumping 2 1/2 x 2 x 12' THD Well Status (Prod. or Shut-in)
Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
10-4-89	24			0	145	28	NA

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)
NA	40		0	145	28	NA

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
Flared Test Witnessed By

30. List Attachments Coal Summary Attached
Electric and mud log previously submitted

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature [Signature] Printed Name D. Williamson Title Operations Supt. Date 10-10-89

D

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1920, Hobbs, NM 83240

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

DISTRICT II
P.O. Drawer DD, Artesia, NM 83210

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

WELL API NO. 30-007-20080
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Coal Methane	7. Lease Name or Unit Agreement Name Van Bremmer Canyon 3018
2. Name of Operator Pennzoil Exploration and Production Company	8. Well No. 251-E
3. Address of Operator P.O. Box 2967, Houston, TX 77252	9. Pool name or Wildcat Wildcat
4. Well Location Unit Letter <u>E</u> : <u>1120</u> Feet From The <u>West</u> Line and <u>1587</u> Feet From The <u>North</u> Line Section <u>25</u> Township <u>30N</u> Range <u>18E</u> NMPM <u>Colfax</u> County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 7889 GR	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>	
OTHER: _____ <input type="checkbox"/>		OTHER: <u>Drilling completed</u> <input checked="" type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

5-23 Spud. Drill 14 3/4" hole to 42'. Set and cement 2 jts. (42') 11 3/4", 42 lb. H-40, ST&C conductor w/100 sks class G w/3% CaCl @ 15.8 ppg.

5-24 Drill 11" hole to 328'

5-25 Set and cement 12 jts. (323') 8 5/8" 24 lb. J-55, ST&C casing w/250 sks class G w/2% CaCl @ 15.8 ppg. Bumped plug @ 2230 hrs w/500 psi.

7-02 Test casing and BOP w/600 psi for 30 minutes. No pressure drop.

7-04 Drilled 7 7/8" hole to 2350'.

7-05 Set and cement 86 jts (2316') 5 1/2", 17 lb. J-55, LT&C casing w/300 sks silicalite @ 11 ppg. Cement circulated to surface. Plug down w/1000 psi. Shut down. Waiting on completion unit.

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

SIGNATURE L. D. Williamson TITLE Operations Superintendent DATE 7-21-89

TYPE OR PRINT NAME L. D. Williamson TELEPHONE NO. 505-376-2817

(This space for State Use)

APPROVED BY R. G. Ephraim TITLE DISTRICT SUPERVISOR DATE 7-25-89

CONDITIONS OF APPROVAL, IF ANY:

Submit to Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

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

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

API NO. (assigned by OCD on New Wells)

30-007-20080

5. Indicate Type of Lease

STATE

FEE

6. State Oil & Gas Lease No.

MAY 05 1989

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1a. Type of Work:

DRILL RE-ENTER DEEPEN PLUG BACK

b. Type of Well:

OIL WELL GAS WELL OTHER Coal Methane SINGLE ZONE MULTIPLE ZONE

7. Lease Name or Unit Agreement Name

Van Bremmer Canyon
30 18
(T) (R)

2. Name of Operator

Pennzoil Exploration and Production Company

8. Well No.

251E

3. Address of Operator

P.O. Box 2967, Houston, TX 77252

9. Pool name or Wildcat

Wildcat

4. Well Location

Unit Letter E : 1120 Feet From The west Line and 1587 Feet From The north Line

Section 25 Township 30N Range 18E NMPM Colfax County

10. Proposed Depth

2300'

11. Formation

Vermejo

12. Rotary or C.T.

Rotary

13. Elevations (Show whether DF, RT, GR, etc.)

7889 GR

14. Kind & Status Plug. Bond

blanket

15. Drilling Contractor

16. Approx. Date Work will start

May 28, 1989

17. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8"	24	350'	175	surface
7-7/8"	5-1/2"	17	2300'	450	surface

1. Drill 12-1/4" hole to 350' with air
2. Set 8-5/8" casing and cement to surface
3. Drill 7-7/8" hole to TD
4. Set 5-1/2" casing to 2300' and cement to surface
5. The well will be completed by perforation in U&L Vermejo with 2-7/8" tubing.

APPROVED FOR 90 DAYS
PERMIT EXPIRES 8-3-89
UNLESS DRILLING UNDERWAY

OIL CONSERVATION COMMISSION TO BE NOTIFIED
WITHIN 24 HOURS OF BEGINNING OPERATIONS

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE

TITLE

Project Manager

DATE

4/27/89

TYPE OR PRINT NAME

R.D. Osterhout

(713)

TELEPHONE NO. 546-4774

(This space for State Use)

APPROVED BY

TITLE

DISTRICT SUPERVISOR

DATE

5-3-89

CONDITIONS OF APPROVAL, IF ANY:

No allowance will be given until this NSL has been approved

LEU D

NE PEPCO OIL CONSERVATION COMMISS
WELL LOCATION AND ACREAGE DEDICATION PLAT

RECEIVED

APR 28 1989

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

WESTERN DIVISION

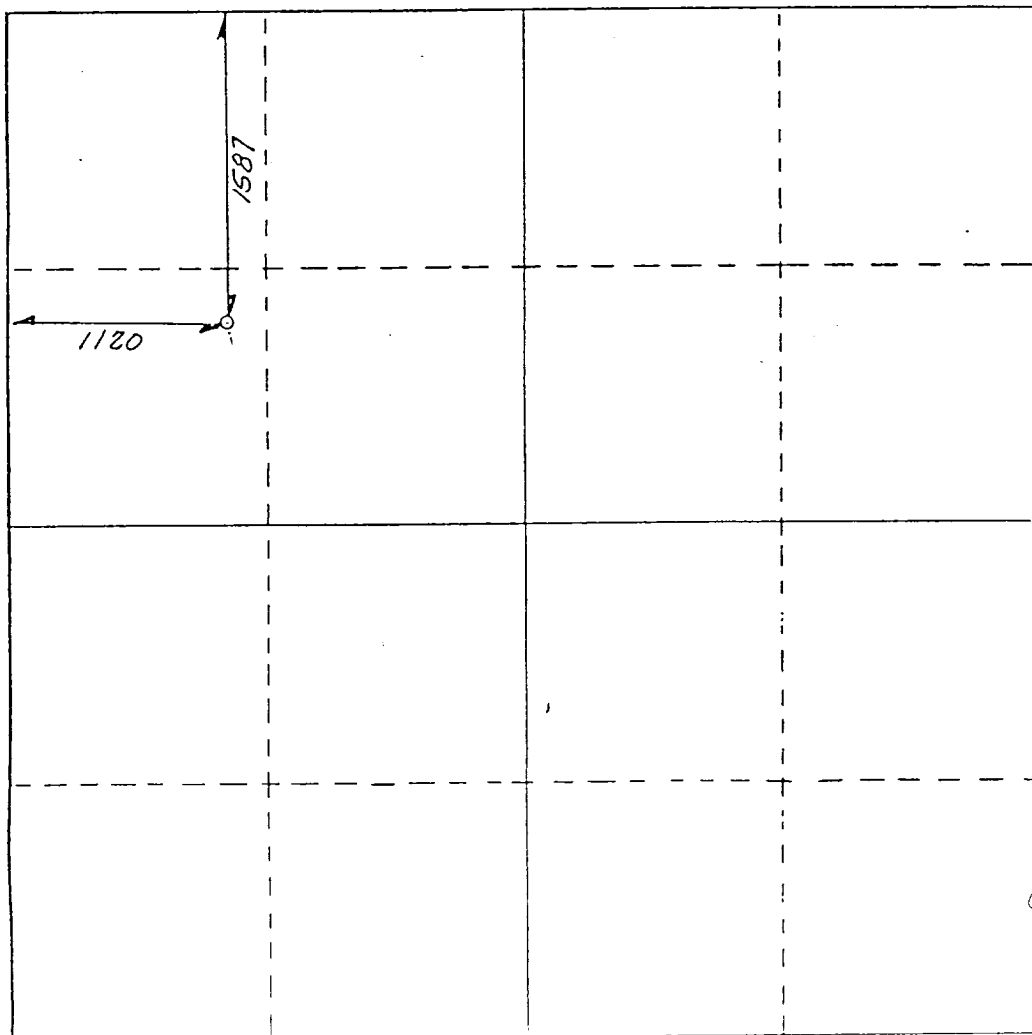
Operator Pennzoil Exploration & Production Co.		Lease Van Bremmer Canyon		Well No. 251E	
Unit Letter E	Section 25	Township T 30 N	Range R 18 E	County COLFAX	
Actual Footage Location of Well: 1120 feet from the WEST line and 1587 feet from the NORTH line					
Ground Level Elev. 7889	Producing Formation		Pool	Dedicated Acreage: Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

[Handwritten Signature]

Name

PROJECT MANAGER

Position

PEPCO

Company

4/28/89

Date

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 knowledge and belief.

APR 28 1989
Date Approved

[Handwritten Signature]
Registered Professional Engineer
and/or Land Surveyor

5103
N. M. LEONARD
E. SHIELDS