

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 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 G	¹³ Cable/Rotary Completion Rig	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 7889' (GL)
¹⁶ Multiple No	¹⁷ Proposed Depth 2350'	¹⁸ Formation Vermejo 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.

1. RU completion rig. Install BOP. PU and RIH with 4 3/4" bit on 2 7/8" tubing.
2. Drill out surface plug 0' to 50' and CIBP at 1947'. Reverse circulate clean with fresh or clean produced water to PBTD at 2286'.
3. Perforate and frac according to Raton/Houston offices.
4. Clean out to bottom and reverse circulate clean.
5. 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

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

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

OIL CONSERVATION DIVISION

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

WELL API NO.

30-007-20080

5. Indicate Type of Lease

STATE ☐

FEE ☒

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.)

7. Lease Name or Unit Agreement Name

Van Bremmer Canyon 3018

1. Type of Well:

OIL
WELL ☐

GAS
WELL ☐

OTHER Coal Methane

2. Name of Operator

Pennzoil Exploration & Production Company

3. Address of Operator

P.O. Box 2967, Houston, TX 77252

8. Well No.

251-E

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. 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:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☒

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

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 R. E. Johnson

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

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

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

Form C-105
Revised 1-1-89

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 ☐ DUFF RESVR ☐ OTHER ☐

2. Name of Operator
Pennzoil Exploration and Production Company

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

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

26. Perforation record (interval, size, and number)			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
2208-10	2134-38	1977-79	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2194-97	2102-03		1977-2210	396,000 lbs sand
2184-91	2007-09	2 1/2 shots/ft		
2163-64	1984-87			

28. PRODUCTION

Date First Production 9/12/89 Production Method (Flowing, gas lift, pumping - Size and type pump)
Pumping 2 1/2x2x12' THD Well Status (Prod. or Shut-in)
Producing

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

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

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 1980, Hobbs, NM 88240

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

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

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

WELL API NO. 30-007-20080
5. Indicate Type of Lease STATE ☐ FEE ☒
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.)		7. Lease Name or Unit Agreement Name Van Bremmer Canyon 3018	
1. Type of Well: OIL WELL ☐ GAS WELL ☐ OTHER Coal Methane	8. Well No. 251-E		
2. Name of Operator Pennzoil Exploration and Production Company	9. Pool name or Wildcat Wildcat		
3. Address of Operator P.O. Box 2967, Houston, TX 77252			
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> NMGM <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 ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☒	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐		CASING TEST AND CEMENT JOB ☒	
OTHER: ☐		OTHER: <u>Drilling completed</u> ☒	

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 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

API NO. (assigned by OCD on New Wells)

30-007-20080

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

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

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.

APPROVAL 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

DATE

5-3-89

CONDITIONS OF APPROVAL, IF ANY:

No allowance will be given until this NSL
has been approved

120 D

NE PETRO 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

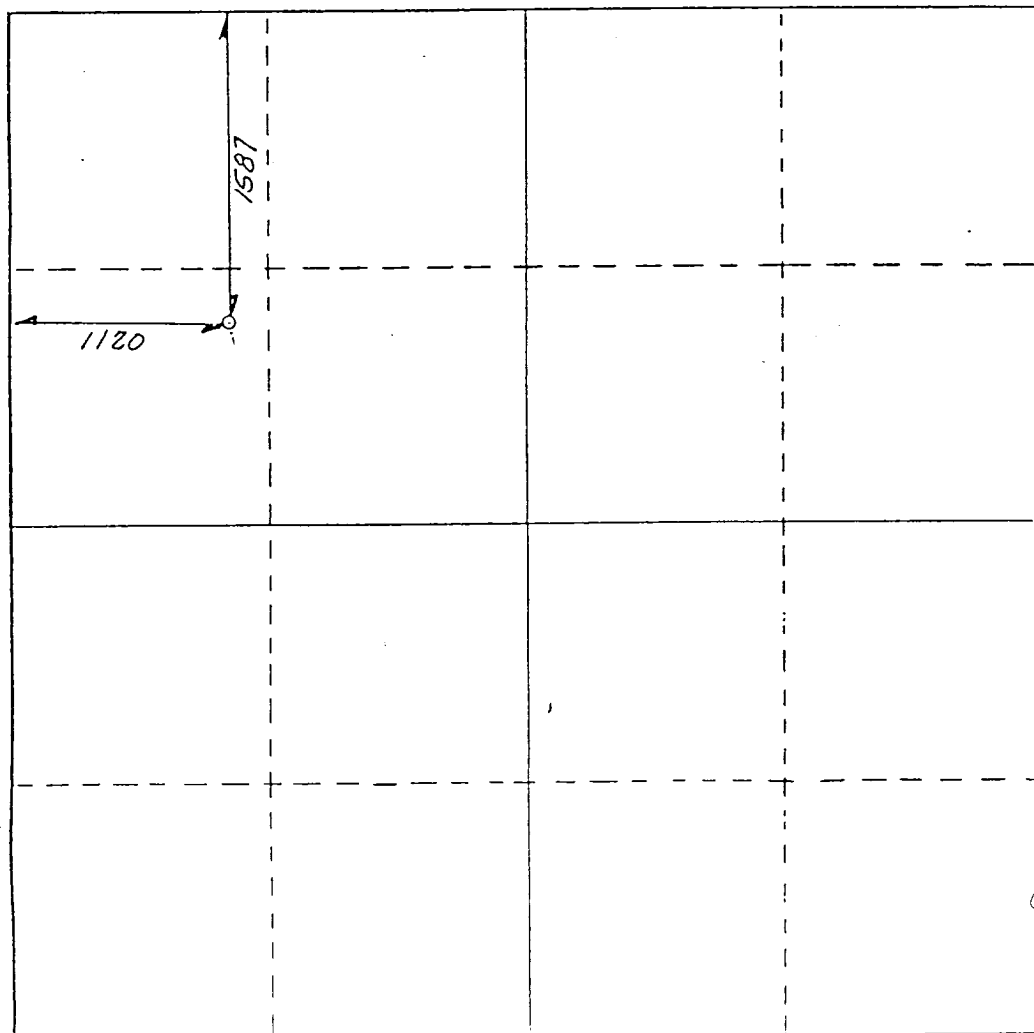
Operator Pennzoil Exploration & Production Co.		Lease Van Bremmer Canyon		WESTERN DIVISION Well No. 251E	
Unit Letter E	Section 25	Township T 30 N	Range R 18 E	County COLFAX	
Actual Footage Location of Well: 1120 feet from the WEST line and 1587 feet from the NORTH line					
Ground Level Elev. 7889	Producing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

[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

[Signature]
Registered Professional Engineer
and/or Land Surveyor

STATE OF NEW MEXICO
N. M. LAND SURVEYORS
E. SHIELDS 5103