

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

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 - 007-20082
³ Property Code 25180	⁵ Property Name Vermejo Park Ranch	⁶ Well No. VPR B-26 (Formerly Van Bremmer F)

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
G	25	30N	18E		2413'	FNL	1324'	FEL	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 7807' (GL)
¹⁶ Multiple 116	¹⁷ Proposed Depth 2250'	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'	219 sx.	
7 7/8"	5 1/2	17#	2215'	450 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's at 1870' and 1455'. Reverse circulate clean with fresh or clean produced water to PBTD at 2188'.
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
33, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1983, 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.
30-007-20082

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.)

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

4. Well Location
Unit Letter G : 1374 Feet From The East Line and 2413 Feet From The North Line

Section 25 Township 30N Range 18E NMPM Colfax County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
7807 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.

8/05/91

1. Remove surface equipment, pull rods and tubing.
2. Set CIBP @ 1870' with 2 sks (18') class A cement @ 15.6 ppg.
3. Set CIBP @ 1455 with 12 sks (108') class A cement @ 15.6 ppg. Fill to surface with Gel mud.
4. Place 6 sks (50') surface plug with class A cement @ 15.6 ppg.
5. Place well marker, fill pits, remove junk and debris from location. Site may be used for storage.

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] DISTRICT SUPERVISOR
CONDITIONS OF APPROVAL IF ANY

DATE 7-10-91

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

State of New Mexico
E. y. Minerals and Natural Resources Department

Form C-101
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

RECEIVED

MAY 05 1989

API NO. (assigned by OCD on New Wells)

30-007-20052

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

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)

8. Well No.

252G

9. Pool name or Wildcat

Wildcat

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 G : 1374 Feet From The east Line and 2413 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.)

7807 GR

14. Kind & Status Plug. Bond

Blanket

15. Drilling Contractor

16. Approx. Date Work will start

June 6, 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	850'	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 1800' with air then to TD with mud
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

APPROX. ALLOWABLE FOR 90 DAYS
RE-ENTRY 8-3-89
PRESSURE DRILLING UNIT NO.

OIL CONSERVATION COMMISSION TO BE COMPLETED
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

(713)

TYPE OR PRINT NAME

R.D. Osterhout

TELEPHONE NO.

546-4774

(This space for State Use)

APPROVED BY

TITLE

DATE

5-3-89

CONDITIONS OF APPROVAL, IF ANY

No allowable will be given until this NSL has
been approved

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

Form C-105
Revised 1-1-89

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

WELL API NO.
30-007-20082

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		7. Lease Name or Unit Agreement Name Van Bremmer Canyon 3018
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER		
2. Name of Operator Pennzoil Exploration and Production Company		8. Well No. 2526
3. Address of Operator P.O. Box 2967, Houston, Tx 77252		9. Pool name or Wildcat Wildcat

4. Well Location
Unit Letter G: 1374 Feet From The East Line and 2413 Feet From The North Line
Section 25 Township 30N Range 18E NMPM Colfax County

10. Date Spudded 5/25/89	11. Date T.D. Reached 7/18/89	12. Date Compl. (Ready to Prod.) 9/2/89	13. Elevations (DF & RKB, RT, GR, etc.) 7807 GR	14. Elev. Casinghead 7809
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15. Total Depth 2250	16. Plug Back T.D. 2188	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools 0-2250	Cable Tools
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19. Producing Interval(s), of this completion - Top, Bottom, Name
1477-2073 Multiple coal seams

20. Was Directional Survey Made
Yes

21. Type Electric and Other Logs Run
GR, Dual inductin, Density, Neutron, Caliper, Drift

22. Was Well Cored
Yes

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	50 sks class G	0
8 5/8	24	328	11	219 sks class G	0
5 1/2	17	2215	7 7/8	450 sks cilicalite	)

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/7	2128	None

26. Perforation record (interval, size, and number)				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
2068-73	1896-1901	1573-76	1487-90	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2060-62	1889-90	1544-46	1477-79	1477-1576	150,000 lbs. sand
1997-98	4-1/2" SPF	1523-29	2-1/2" SPF	1889-2073	200,000 lbs sand
1976-79		1507-09			

28. PRODUCTION

Date First Production 9/13/89		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 10-01-89	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 0	Gas - MCF 135	Water - Bbl. 14	Gas - Oil Ratio NA
Flow Tubing Press. NA	Casing Pressure 25	Calculated 24-Hour Rate	Oil - Bbl. 0	Gas - MCF 135	Water - Bbl. 14	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 logs 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 L. D. Williamson Printed Name L. 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.
30-007-20082

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 and Production Company

8. Well No.
252-G

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

9. Pool name or Wildcat
Wildcat

4. Well Location
Unit Letter G : 1374 Feet From The East Line and 2413 Feet From The North Line

Section 25 Township 30N Range 18E NMPM Colfax County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
7807 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: Drilling completed ☒

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.

5-25 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/50 sks class G w/3% CaCl.

5-26 Drill 11" hole to 332'. Set and cement 12 jts (328') 8 5/8", 24 lb. J-55, ST&C casing w/219 sks class G w/7% CaCl @ 15.8 ppg. Cement to surface plug. Did not bump.

7-09 Test casing and BOP w/600 psi. for 30 mins. No pressure drop.

7-18 Drilled 7 7/8" hole to 2250'. (Rig problems)

7-19 Set and cement 84 jts (2215') 5 1/2", 17 lbs. J-55, LT&C casing w/450 sks silicalite @ 11 ppg. Circulation but no cement to surface. Bumped plug w/1000 psi.

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 Ry Johnson DISTRICT SUPERVISOR DATE 7-25-89

CONDITIONS OF APPROVAL, IF ANY

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION

RECEIVED

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

All distances must be from the outer boundaries of the Section

WESTERN DIVISION

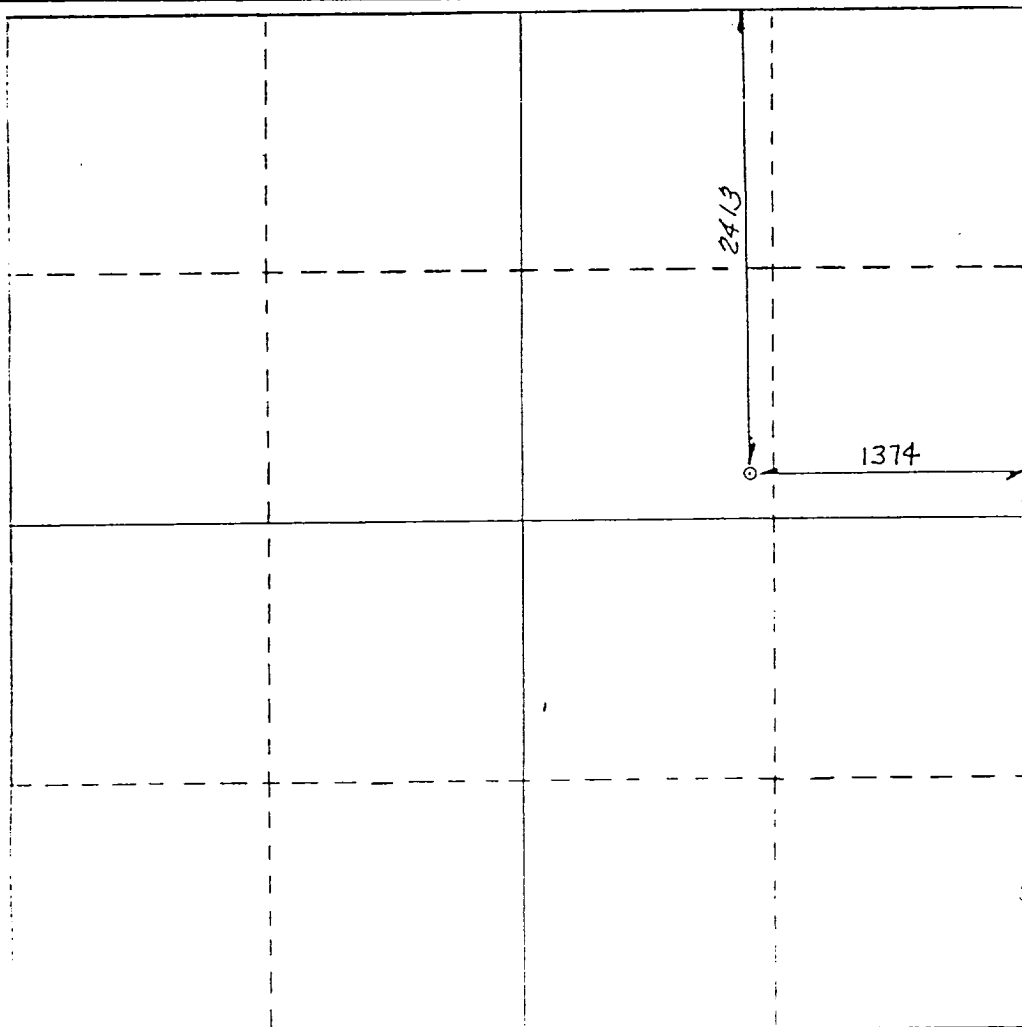
Operator Pennzoil Exploration & Production Co.		Lease Van Bremmer Canyon		Well No. 252G
Unit Letter G	Section 25	Township T30N	Range R18E	County COLFAX
Actual Footage Location of Well:				
1374	feet from the	EAST	line and	2413
			feet from the	NORTH
Ground Level Elev. 7807	Producing Formation		Pool	Dedicated Acreage: Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.

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.

APPROVED LAND 1989

REGISTERED PROFESSIONAL ENGINEER
AND SURVEYOR
STATE OF NEW MEXICO
No. 5103

N.M. L.S.E. NO. 5103
Certificate No.