

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, New Mexico 87740		² OGRID Number 180514 180514
		³ API Number 30-007-20135
³ Property Code 22000 24648	⁵ Property Name Vermejo Park Ranch	⁶ Well No. VPR'A'-4X

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
K	31	32N	20E		1681	South	1539	West	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 Coals

¹⁰ Proposed Pool 2
Raton Coals

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary Air/Rotary	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 8085'(GL)
¹⁶ Multiple No	¹⁷ Proposed Depth 2460'	¹⁸ Formation Vermejo / Trinidad	¹⁹ Contractor Thornton	²⁰ Spud Date Aug. 16, 1999

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 3/4"	8 5/8"	24#	350 ft.	175	Surface
7 7/8"	5 1/2"	15.5#	2460 ft	480	Surface

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. Drill 12 3/4" hole to 350' with air. **Note: Rig was skidded 50 ft. from the original VPR'A'-4.**
2. Set 8 5/8" casing and cement to surface.
3. Drill 7 7/8" hole to 2460' with air and air mist.
4. Set 5 1/2" casing to TD and cement to surface if possible. Run CBL if not.
5. Perforate and stimulate coals and run 2 7/8" tubing and pumping equipment.

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: **August 16, 1999**

Phone: **(505)445-4620**

OIL CONSERVATION DIVISION

Approved by: *Ry E Johnson*

Title: *District Supervisor*

Approval Date: **8/17/99**

Expiration Date: **8/17/00**

Conditions of Approval:

Attached ☐

9962

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

SONAT All distances must be from the outer boundaries of the Section

Operator PENNZBIL E & P COMPANY		Lease VPR "A"		Well No. 04
Unit Letter K	Section 31	Township 32 NORTH	Range 20 EAST	County COLFAX

Actual Footage Location of Well
1630.72 feet from the **SOUTH** line and **1539.18** feet from the **WEST** line

Ground Level Elev. 8085.23	Producing Formation Vermejo / Raton	Pool	Dedicated Acreage 160 Acres
--------------------------------------	---	------	---------------------------------------

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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.

Well skidded 50 ft. north
of original VPR-A-04 location
to be called "VPR A-4X"

VPR A-4X 50'
1539.18'
Original VPR A-4
1630.72'

CERTIFICATION

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

DR Lankford
Name
Donald R. Lankford
Position
Sr. Petroleum Engin.
Company
Sonat Raton, L.L.C.
Date
Aug. 16, 1999

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.

MAY 14, 1999
Date Surveyed

Registered Professional Engineer
and/or Land Surveyor

James Shields
Certificate No.
N.M.L.S. NO. 5103