

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- 20147
³ Property Code 25179	⁵ Property Name Vermejo Park Ranch (VPR)	⁶ Well No. VPR D-16

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	05	30N	18E	E	2079'	NORTH	1302'	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						¹⁰ Proposed Pool 2 Raton			

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary ROTARY/AIR	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 8451' (GL)
¹⁶ Multiple Yes	¹⁷ Proposed Depth 2500'	¹⁸ Formation Trinidad	¹⁹ Contractor Not Available	²⁰ Spud Date January 30, 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"	23#	350'	100 sx.	SURFACE
7 7/8"	5 1/2"	15.50#	2500'	300 sx.	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 11" hole to +/- 350' with air.
2. Set 8 5/8" surface casing and cement to surface with 100sks of cement.
3. Drill 7 7/8" hole to 2500' with air. Run open hole logs.
4. Set 5 1/2" production casing to TD and cement to surface. Cement volumes calculated from openhole logs.
5. Perforate and stimulate Vermejo and/or Raton Coals. Clean outwellbore and run production 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: 01/20/2000

Phone: (505) 445-4620

OIL CONSERVATION DIVISION

Approved by: *Ry E Johnson*

Title: **DISTRICT SUPERVISOR**

Approval Date: *1/21/00*

Expiration Date: *1/21/01*

Conditions of Approval:

Attached ☐

17620

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State of New Mexico
Energy, Minerals & Natural ResourcesOIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505Form C-102
Revised March 17, 1994Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		² Pool Code	³ Pool Name
⁴ Property Code 24648	⁵ Property Name VERMEJO PARK RANCH		⁶ Well Number VPR'D-16
⁷ OGRID No. 180514	⁸ Operator Name SONAT RATON, L.L.C.		⁹ Elevation 8450.9

¹⁰ Surface Location									
UL or lot no. E	Section 05	Township T 30 N	Range R 18 E	Lot 1dn E	Feet from the 2078.6	North/South line NORTH	Feet from the 1301.9	East/West line WEST	County COLFAX

¹¹ Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot 1dn	Feet from the	North/South line	Feet from the	East/West line	County
									COLFAX
¹² Dedicated Acres		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

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

¹⁶ 2078.6 1301.9				¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i> Signature <u>DR Lankford</u> Printed Name DONALD R. LANKFORD Title SENIOR PETROLEUM ENGINEER Date _____	
					¹⁸ SURVEYOR CERTIFICATION <i>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.</i> JANUARY 11, 2000 Date of Survey _____ Signature and Seal of Professional Surveyor: <u>[Signature]</u> Certificate Number 5103