

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 30-007-20160
³ Property Code 25180	⁵ Property Name Vermejo Park Ranch (VPR)	⁶ Well No. VPR - B'-24

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
A	26	30N	18E	A	368'	NORTH	1038	EAST	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
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¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary ROTARY/AIR	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 8101' (GL)
¹⁶ Multiple Yes	¹⁷ Proposed Depth 2900'	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#	2900'	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 2900' 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		OIL CONSERVATION DIVISION	
Printed name: Donald R. Lankford		Approved by: [Signature]	
Title: Senior Petroleum Engineer		Title: DISTRICT SUPERVISOR	
Date: 01/20/2000		Approval Date: 1/21/00	Expiration Date: 1/21/01
Phone: (505) 445-4620		Conditions of Approval: Attached <input type="checkbox"/>	

16		367 ^B	<div style="display: flex; align-items: center; justify-content: center;"> <div style="width: 20px; height: 20px; background-color: black; border-radius: 50%; margin-right: 10px;"></div> <div style="text-align: left;">1037²</div> </div>
			<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: right; margin: 0;">17 OPERATOR CERTIFICATION</p> <p style="margin: 5px 0;"><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i></p> <div style="border-top: 1px solid black; margin-top: 10px;"> <p style="margin: 0;">Signature</p> <p style="margin: 0; text-align: center;"><i>DR Lankford</i></p> <p style="margin: 0;">Printed Name DONALD R. LANKFORD</p> </div> <div style="border-top: 1px solid black; margin-top: 10px;"> <p style="margin: 0;">Title SENIOR PETROLEUM ENGINEER</p> </div> <div style="border-top: 1px solid black; margin-top: 10px;"> <p style="margin: 0;">Date</p> </div> </div>
			<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: right; margin: 0;">18 SURVEYOR CERTIFICATION</p> <p style="margin: 5px 0;"><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></p> <div style="border-top: 1px solid black; margin-top: 10px;"> <p style="margin: 0;">Date of Survey</p> <p style="margin: 0;">JANUARY 14, 2000</p> </div> <div style="border-top: 1px solid black; margin-top: 10px;"> <p style="margin: 0;">Signature and Seal of Professional Surveyor</p> <div style="text-align: center; margin-top: 10px;"> </div> </div> <div style="border-top: 1px solid black; margin-top: 10px;"> <p style="margin: 0;">Certificate Number 5103</p> </div> </div>