

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

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- 20170 |
| ⁴ Property Code 24648 | ⁵ Property Name Vermejo Park Ranch (VPR) | ⁶ Well No. VPR A-41 |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| N | 21 | 32N | 20E | N | 1128' | SOUTH | 1332' | 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 8068' (GL) |
| ¹⁶ Multiple No | ¹⁷ Proposed Depth 2600' | ¹⁸ Formation Trinidad | ¹⁹ Contractor Not Available | ²⁰ Spud Date February 15, 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# | 2600' | 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.
3. Drill 7 7/8" hole to 2600' with air. Run open hole logs.
4. Set 5 1/2" production casing to TD and cement to surface. Cement volumes calculated off open hole logs.
5. Perforate and stimulate Vermejo and/or Raton Coals. Clean out well bore 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: 01/28/2000

Phone: (505) 445-4620

OIL CONSERVATION DIVISION

Approved by:

Title: **DISTRICT SUPERVISOR**

Approval Date: *1/31/00*

Expiration Date: *1/31/01*

Conditions of Approval:

Attached

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OIL CONSERVATION DIVISION
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Santa Fe, NM 87505

Form C-102
Revised March 17, 1994

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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'A'-41 |
| ⁷ OGRID No. 180514 | | ⁸ Operator Name SONAT RATION, L.L.C. | | | ⁹ Elevation 8068.3 |

¹⁰ Surface Location

| | | | | | | | | | |
|--------------------|---------------|--------------------|-----------------|--------------|-------------------------|---------------------------|-------------------------|------------------------|------------------|
| UL or lot no. N | Section 21 | Township T 32 N | Range R 20 E | Lot Idn N | Feet from the 1128.1 | North/South line SOUTH | Feet from the 1332.0 | East/West line WEST | County COLFAX |
|--------------------|---------------|--------------------|-----------------|--------------|-------------------------|---------------------------|-------------------------|------------------------|------------------|

¹¹ 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 |
| | | | | | | | | | 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 | | | | 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 _____ |
| | | | | |
| | | | COLORADO NEW MEXICO | 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 21, 2000 Date of Survey _____ Signature and Seal of Professional Surveyor <u>[Signature]</u> Certificate Number 5193 |
| 1332.0 | 1128.1 | | 2000' approx | |