

District I  
1625 N. French Dr., Hobbs, NM 87240  
District II  
811 South First, Artesia, NM 87210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

WELL API NO.

30-007-20123

5. Indicate Type of Lease

STATE ☐ FEE ☒

State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:  
OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER ☐ COALBED METHANE ☐

b. Type of Completion:  
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. Name of Operator  
SONAT RATON, L.L.C.

3. Address of Operator  
P.O. BOX 190: RATON, NM 87740

7. Lease Name or Unit Agreement Name

VPR 'A'

8. Well No. 09

9. Pool name or Wildcat

4. Well Location

Unit Letter L: 1979 Feet From The South Line and 368 Feet From The West Line

Section 01 Township 31N Range 19E NMPM Colfax

County

10. Date Spudded 07/29/99 11. Date T.D. Reached 07/31/99 12. Date Compl. (Ready to Prod.) 09/22/99 13. Elevations (DF& R(B. RT, GR, etc.) 8274' (GR) 14. Elev. Casinghead 8273'

15. Total Depth 2520' 16. Plug Back T.D. 2368' 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools O-TD Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name 1378 - 1382; 1346 - 1350; 1300 - 1304; 1286 - 1290; 1127 - 1131; 1113 - 1118; 1086 - 1091; 1032 - 1036 RATON COALS 20. Was Directional Survey Made NO

21. Type Electric and Other Logs Run 22. Was Well Cored NO

CDL; Induction Log; CBL

CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|------------------|---------------|
| 8 5/8       | 23#            | 353'      | 11"       | 100 SKS          | NONE          |
| 5 1/2       | 15.50#         | 2369'     | 7 7/8"    | 300 SKS          | NONE          |
|             |                |           |           |                  |               |
|             |                |           |           |                  |               |
|             |                |           |           |                  |               |

| LINER RECORD |     |        |              | TUBING RECORD |           |            |
|--------------|-----|--------|--------------|---------------|-----------|------------|
| SIZE         | TOP | BOTTOM | SACKS CEMENT | SIZE          | DEPTH SET | PACKER SET |
|              |     |        |              | 2 7/8         | 1406      |            |
|              |     |        |              |               |           |            |
|              |     |        |              |               |           |            |

26. Perforation record (interval, size, and number) Shot 4 SPF .48 dia. 1378 - 1382; 1346 - 1350; 1300 - 1304; 1286 - 1290 136 holes 1127 - 1131; 1113 - 1118; 1086 - 1091; 1032 - 1036

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.  
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED  
1032 - 1382 2500 GAL OF 71/2% hcl; 160,000 lbs of 20/40;  
131,000 lbs. of 16/30;  
1,689,000 scf of N2 (70 quality foam)

PRODUCTION

28. Date First Production 10/01/99 Production Method (Flowing, gas lift, pumping - Size and type pump) 30-N-095 PC PUMP Well Status (Prod. or Shut-in) PROD.  
Date of Test 09/23/99 Hours Tested 24 Choke Size Prod'n For Test Period Oil - Bbl Gas - MCF TSTM Water - Bbl. 88 Gas - Oil Ratio  
Flow Tubing Press. Casing Pressure 7 PSI Calculated 24-Hour Rate Oil - Bbl. Gas - MCF TSTM Water - Bbl. 88 Oil Gravity - API - (Corr.)

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Used for fuel or vented N2 Test Witnessed By LARRY CASEY

30. List Attachments

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature

Printed Name

Title

Date

Donald R. Lankford

Sr. Petroleum Engineer

09/30/99

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

## Southeastern New Mexico

|                         |                       |
|-------------------------|-----------------------|
| T. Anhy_____            | T. Canyon_____        |
| T. Salt_____            | T. Strawn_____        |
| B. Salt_____            | T. Atoka_____         |
| T. Yates_____           | T. Miss_____          |
| T. 7 Rivers_____        | T. Devonian_____      |
| T. Queen_____           | T. Silurian_____      |
| T. Grayburg_____        | T. Montoya_____       |
| T. San Andres_____      | T. Simpson_____       |
| T. Glorieta_____        | T. McKee_____         |
| T. Paddock_____         | T. Ellenburger_____   |
| T. Blinebry_____        | T. Gr. Wash_____      |
| T. Tubb_____            | T. Delaware Sand_____ |
| T. Drinkard_____        | T. Bone Springs_____  |
| T. Abo_____             | T. _____              |
| T. Wolfcamp_____        | T. _____              |
| T. Penn_____            | T. _____              |
| T. Cisco (Bough C)_____ | T. _____              |

## Northwestern New Mexico

|                             |                           |
|-----------------------------|---------------------------|
| T. Ojo Alamo _____          | T. Penn. "B" _____        |
| T. Kirtland-Fruitland _____ | T. Penn. "C" _____        |
| T. Pictured Cliffs _____    | T. Penn. "D" _____        |
| T. Cliff House _____        | T. Leadville _____        |
| T. Menefee _____            | T. Madison _____          |
| T. Point Lookout _____      | T. Elbert _____           |
| T. Mancos _____             | T. McCracken _____        |
| T. Gallup _____             | T. Ignacio Otzte _____    |
| Base Greenhorn _____        | T. Granite _____          |
| T. Dakota _____             | T. Raton - Surface _____  |
| T. Morrison _____           | T. Vermejo - 2070' _____  |
| T. Todilto _____            | T. Trinidad - 2340' _____ |
| T. Entrada _____            | T. Pierre - 2436' _____   |
| T. Wingate _____            | T. _____                  |
| T. Chinle _____             | T. _____                  |
| T. Permian _____            | T. _____                  |
| T. Penn "A" _____           | T. _____                  |

## OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....  
No. 2, from.....to.....

No. 3, from.....to.....  
No. 4, from.....to.....

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....  
 No. 2, from.....to.....feet.....  
 No. 3, from.....to.....feet.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

| From | To | Thickness<br>In Feet | Lithology |
|------|----|----------------------|-----------|
|      |    |                      |           |

| From | To | Thickness<br>In Feet | Lithology |
|------|----|----------------------|-----------|
|      |    |                      |           |