

Submit To Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
District I
1625 N. French Dr., Hobbs, NM 87249
District II
811 South First, Artesia, NM 87210
District III
1009 Rio Brazos Rd., 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-105
Revised March 25, 1999

WELL API NO.

30-007-20134

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.

7. Lease Name or Unit Agreement Name

VPR 'A'

8. Well No. 23X

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

9. Pool name or Wildcat

4. Well Location

Unit Letter _____ L _____ 1282 _____ Feet From The _____ South _____ Line and _____ 35 _____ Feet From The _____ WEST _____ Line

Section 32 Township 32N Range 20E NMPM Colfax
County

10. Date Spudded 08/08/99 11. Date T.D. Reached 08/10/99 12. Date Compl. (Ready to Prod.) 09/22/99 13. Elevations (DF& R(B. RT, GR. etc.) 8130 (GR) 14. Elev. Casinghead 8129'

15. Total Depth 2418' 16. Plug Back T.D. 2413' 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By 19. Producing Interval(s), of this completion - Top, Bottom, Name 20. Was Directional Survey Made

2175 - 2179; 2063 - 2068 VERMEJO COALS

21. Type Electric and Other Logs Run
CDL; Induction Log; CBL

22. Was Well Cored
NO

23. 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#	348'	11"	100 SKS.	NONE
5 1/2	15.50#	2318'	7 7/8"	255 SKS	NONE

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8	2204	

26. Perforation record (interval, size, and number)
2123 - 2129 .52" DIA. 16 HOLES
2188 - 2192 .52" D 24 HOLES
40 HOLES TOTAL

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
2123 - 2192 500 GALS 15% hcl, 300 GAL 28% HCL;
97,000 lbs. of 20/40;
53,000 Lbs. of 16/30;
773,000 scf of N2 (70 quality foam)

28. PRODUCTION

Date First Production 10/01/99		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) 30-N-095 PC PUMP			Well Status (<i>Prod. or Shut-in PROD.</i>)		
Date of Test 09/26/99	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF TSTM	Water - Bbl. 125	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure 7 PSI	Calculated 24- Hour Rate	Oil - Bbl.	Gas - MCF TSTM	Water - Bbl. 125	Oil Gravity - API - (<i>Corr.</i>)	

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 *Don Lankford* Printed Name Donald R. Lankford Title Senior Petroleum Engineer Date 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. Salt _____
B. Salt _____
T. Yates _____
T. 7 Rivers _____
T. Queen _____
T. Grayburg _____
T. San Andres _____
T. Glorieta _____
T. Paddock _____
T. Blinebry _____
T. Tubb _____
T. Drinkard _____
T. Abo _____
T. Wolfcamp _____
T. Penn _____
T. Cisco (Bough C) _____

T. Canyon _____
T. Strawn _____
T. Atoka _____
T. Miss _____
T. Devonian _____
T. Silurian _____
T. Montoya _____
T. Simpson _____
T. McKee _____
T. Ellenburger _____
T. Gr. Wash _____
T. Delaware Sand _____
T. Bone Springs _____
T. _____
T. _____
T. _____
T. _____

Northwestern New Mexico

T. Ojo Alamo _____
T. Kirtland-Fruitland _____
T. Pictured Cliffs _____
T. Cliff House _____
T. Menefee _____
T. Point Lookout _____
T. Mancos _____
T. Gallup _____
Base Greenhorn _____
T. Dakota _____
T. Morrison _____
T. Todilto _____
T. Entrada _____
T. Wingate _____
T. Chinle _____
T. Permian _____
T. Penn "A" _____

T. Penn. "B"
T. Penn. "C"
T. Penn. "D"
T. Leadville
T. Madison
T. Elbert
T. McCracken
T. Ignacio Otzte
T. Granite
T. Raton - Surface
T. Vermejo - 1942'
T. Trinidad - 2205'
T. Pierre - 2304'
T.
T.
T.
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 In Feet	Lithology

From	To	Thickness In Feet	Lithology