

Submit To: Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
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

State of New Mexico
Energy, Minerals and Natural Resources

Form C-105
Revised March 25, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

WELL API NO.

30-007-~~2012~~ 20126

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 WORK ☐ PLUG ☐ DIFF. ☐
WELL OVER ☐ DEEPEN ☐ BACK ☐ RESVR. ☐ OTHER ☐

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

7. Lease Name or Unit Agreement Name

VPR 'A'

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

8. Well No. 12

9. Pool name or Wildcat

4. Well Location

Unit Letter P 1225 Feet From The SOUTH Line and 947 Feet From The EAST Line

Section 02 Township 31N Range 19E NMPM Colfax

County

10. Date Spudded 07/31/99 11. Date T.D. Reached 08/01/99 12. Date Compl. (Ready to Prod.) 09/22/99 13. Elevations (DF& R(B. RT, GR, etc.) 8209' (GR) 14. Elev. Casinghead 8208'

15. Total Depth 2510' 16. Plug Back T.D. 2432' 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By 19. Rotary Tools O-TD 20. Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

2228 - 2232; 2209 - 2213; 2122 - 2126; 2115 - 2119 VERMEJO COALS

20. Was Directional Survey Made NO

21. Type Electric and Other Logs Run

22. Was Well Cored NO

CDL: Ir duction Log; CBL

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#	349'	11"	100 SKS	NONE
5 1/2	15.50#	2433'	7 7/8"	350 SKS	NONE

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	2259	

25. TUBING RECORD

26. Perforation record (interval, size, and number)

2228 - 2232 ; 2209 - 2213

2122 - 2126; 2115 - 2119

Shot 4 SPF
48" dia holes
64 holes

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

2115 - 2232 1000 GAL OF 7 1/2 hcl; 80,000 LBS. of 20/40;

79,000 lbs. of 16/30;

730,000 scf of N2 (70 quality foam)

28

PRODUCTION

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. 180	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure 7 PSI	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF TSTM	Water - Bbl. 180	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 is true and complete to the best of my knowledge and belief

Signature

Printed
Name

Title

Date 9/30/99

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 - 2087'
T. Trinidad - 2324'
T.
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