

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.

30-007-20117

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.

3. Address of Operator

P.O. BOX 190: RATON, NM 87740

7. Lease Name or Unit Agreement Name

VPR 'A'

8. Well No. 08

9. Pool name or Wildcat

4. Well Location

Unit Letter ☐ D ☐ 950 Feet From The North Line and 1195 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
07/30/99

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
2618'

16. Plug Back T.D.
1775'

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

2349 - 2353; 2246 - 2250; 1459 - 1463; 1409 - 1413;
1397 - 1401; 1236 - 1240; 1207 - 1212; 1182 - 1185

VERMEJO COALS

20. Was Directional Survey Made
NO

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#	351'	11"	100 SKS	NONE
5 1/2	15.50#	2593'	7 7/8"	300 SKS	NONE

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8	2370	

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

2349 - 2353; 2246 - 2250; 2236 - 2240;
1459 - 1463; 1409 - 1413; 1397 - 1401;
1236 - 1240; 1207 - 1212; 1182 - 1185

Shot 4 SPF
.48" DIA HOLES
144 HOLES

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
1182 - 2353	1500 GAL OF 15% hcl; 141 500 lbs of 20/40;
	156,500 lbs. of 16/30;
	1,157,000 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

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 STATI

Southeastern New Mexico

Northwestern 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. _____

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 - 2204' _____
T. Trinidad - 2438' _____
T. Pierre - 2537' _____
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

(When additional sheet is necessary)

From	To	Thickness In Feet	Lithology