

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. 30-007-20129

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, LLC

3. Address of Operator

P.O. BOX 190, RATON, NM 87740

7. Lease Name or Unit Agreement Name

VPR 'A'

8. Well No.

16

9. Pool name or Wildcat

4. Well Location

Unit Letter M : 1028' Feet From The SOUTH Line and 1075' Feet From The WEST LineSection 29 Township 32N Range 20E NMPM COLFAX County

10. Date Spudded

07/25/99

11. Date T.D. Reached

7/28/99

12. Date Compl. (Ready to Prod.)

09/22/99

13. Elevations (DF, RB, RT, GR, etc.)

8272' (GR)

14. Elev. Casinghead

8271' (GR)

15. Total Depth

2642'

16. Plug Back T.D.

2633'

17. If Multiple Compl. How Many

Zones?

18. Intervals

Drilled By

Rotary Tools

0 - TD

Cable Tools

NONE

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

2448'-2452'; 2384'-2390'; 2350'-2354'; 2252'-2257'; 2236'-2242'

VERMEJO COALS

20. Was Directional Survey Made

YES

21. Type Electric and Other Logs Run

INDUCTION LOG; COMPENSATED DENSITY LOG; CBL; DIRECTIONAL LOG

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	355'	11"	100	NONE
5 1/2"	15.50	2634'	7 7/8"	300	NONE

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8"	2463	

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

2448'-2452'	2384'-2390'	SHOT 4 SPF .48" DIA. HOLES 92 HOLES TOTAL
2350'-2354'	2252'-2257'	
2236'-2242'		

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2236'-2452'	4000 gals of 7 1/2 % HCL; 125,000 lbs of 20/40;
	100,000 lbs of 16/30; 1,400,000 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) PRODUCING	
Date of Test 9/28/99	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF TSTM	Water - Bbl. 159
Flow Tubing Press.	Casing Pressure 7 psi	Calculated 24- Hour Rate	Oil - Bbl.	Gas - MCF TSTM	Water - Bbl. 159	Oil Gravity - API - (Corr.)

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

USED FOR FUEL AND VENTED THE 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

DON LANKFORD

Title SR. PETROLEUM ENGINEER Date 09/30/99

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.

Southeastern New Mexico

T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Otzie
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T. Raton - Surface
T. Blinberry	T. Gr. Wash	T. Morrison	T. Vermijo - 2230'
T. Tubb	T. Delaware Sand	T. Todillo	T. Trinidad - 2474'
T. Drinkard	T. Bone Springs	T. Entrada	T. Pierre-2544'
T. Abo		T. Wingate	
T. Wolfcamp		T. Chinle	
T. Penn		T. Permian	
T. Cisco (Bough C)		T. Penn "A"	

No. 1, from	No. 2, from
to	to
No. 3, from	No. 4, from
to	to

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

(Attach additional sheet if necessary)

[illegible]