

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.

30-007-20112

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'

8. Well No. 03

3. Address of Operator

P.O. BOX 190 RATON, NM 87740

9. Pool name or Wildcat

4. Well Location

Unit Letter J : 1549 Feet From The SOUTH Line and 1503 Feet From The EAST Line

Section 36 Township 32N Range 19E NMPM Colfax County

10. Date Spudded

06/19/99

11. Date T.D. Reached

06/22/99

12. Date Compl. (Ready to Prod.)

09/22/99

13. Elevations (DF& R(B. RT, GR, etc.)

8133' GR

14. Elev. Casinghead

8132'

15. Total Depth

2405'

16. Plug Back T.D.

2390'

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

2124 - 2157; 2204-2210; 2235 - 2270; 2280 - 2302; VERMEJO COALS

20. Was Directional Survey Made
No

21. Type Electric and Other Logs Run

CDL; INDUCTION LOG; GR/W/NEUTRON 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	24#	350'	11"	140 SKS	NONE
5 1/2	17#	2391'	7 7/8"	325 SKS	NONE

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8	2307	

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

SEE ATTACHMENT FOR DETAILS.

156 .48# DIA. HOLES

157 2124' - 2302'

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

2124 - 2302 2000 GALS. 7 1/2% HCL; 250,000 LBS.

OF 20/40; 50,000 LBS OF 16/30;

1,485,000 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

09/27/99

Hours Tested

24

Choke Size

Prod'n For

Test Period

Oil - Bbl

Gas - MCF

TSTM

Water - Bbl.

326

Gas - Oil Ratio

Flow Tubing

Press.

Casing Pressure

Calculated 24-

Hour Rate

Oil - Bbl.

Gas - MCF

TSTM

Water - Bbl.

326

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

PERFORATION RECORD

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

PERFORATION RECORD
VPR "A" #3

9/23/99

The perforating was done by Patterson Wireline using a 4" casing gun with 19 gram charges.
The hole diameters are .48". The perforating was done on 7/06-11/99.

Stage 1	2280'-2284'	4'	4 SPF	16 holes
	2288'-2293'	5'	4 SPF	20 holes
	2299'-2302'	3'	4 SPF	<u>12 holes</u>
				48 holes
Stage 2	2235'-2238'	3'	4 SPF	12 holes
	2250'-2254'	4'	4 SPF	16 holes
	2264'-2270'	6'	4 SPF	<u>24 holes</u>
				52 holes
Stage 3	2204'-2210'	6'	4 SPF	24 holes
Stage 4	2124'-2129'	5'	4 SPF	20 holes
	2154'-2157'	3'	4 SPF	<u>12 holes</u>
				32 holes
			Total	156 holes