

Submit To: Properly: 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. 30-007-20165

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, LLC

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

7. Lease Name or Unit Agreement Name
VPR 'A'

8. Well No. 36

9. Pool name or Wildcat

4. Well Location

Unit Letter D 1265 Feet From The NORTH Line and 1229 Feet From The West Line

Section 28 Township 32N Range 20E NMPM COLFAX County

10. Date Spudded 02/06/00 11. Date T.D. Reached 02/08/00 12. Date Compl. (Ready to Prod.) 05/06/00 13. Elevations (DF, RB, RT, GR, etc.) 8109' (GR) 14. Elev. Casinghead 8109'

15. Total Depth 2600' 16. Plug Back T.D. open hole 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, 1780' - 2255', 2061 - 2065; 1780 - 1837 Vermejo COALS 20. Was Directional Survey Made NO

21. Type Electric and Other Logs Run Density Log, Induction Log, CBL, Gamma Ray, Shallow Electric 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	337'	11"	100 sx	NONE
5 1/2"	17	2342'	7 7/8"	300 sx	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

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

2150 - 2154 4 SPF 48" DIA HOLES 1780 - 1784 4 SPF 19 - GRAM; 48 HOLES
2168 - 2172 4 SPF 19 - GRAM CHARGES 1797 - 1801 4 SPF
2198 - 2202 4 SPF 120 HOLES 1833 - 1837 4 SPF
2209 - 2213 4 SPF
2241 - 2255 4 SPF

2061 - 2065 4 SPF 19 - GRAM CHARGES, 16 HOLE

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

1780' - 2255' 2500 gal. 7-1/2% HCL

40,000 - 20/40 sand

200,000 lbs. 12/20 sand

28. PRODUCTION

Date First Production 05/05/00 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping water up 2 7/8" tubing with 095 PC Pump. Flowing gas up 5 1/2" casing Well Status (Prod. or Shut-in) Prod.

Date of Test 05/01/00 Hours Tested 24 hrs. Choke Size full 2" Prod'n For Test Period Oil - Bbl 0 Gas - MCF TSTM Water - Bbl. 260 Gas - Oil Ratio NA

Flow Tubing Press. Casing Pressure 5 psi Calculated 24-Hour Rate Oil - Bbl. 0 Gas - MCF TSTM Water - Bbl. 260 Oil Gravity - API - (Corr.) NA

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold, used for fuel Test Witnessed By L. 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 DR Lankford Printed Name DON LANKFORD Title SR. PETROLEUM ENGINEER Date 05/05/000

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

Northwestern 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 Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T. Raton – Surface 1836'
T. Blinébry	T. Gr. Wash	T. Morrison	T. Vermejo – 2061 – 2256'
T. Tubb	T. Delaware Sand	T. Todilto	T. Trinidad –
T. Drinkard	T. Bone Springs	T. Entrada	T. Pierre –
T. Abo	T.	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	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