

Submit 3 Copies To Appropriate District Office

State of New Mexico Energy, Minerals and Natural Resources

Form C-103 Revised March 25, 1999

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

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

WELL API NO. 30-007-20330 20132
5. Indicate Type of Lease STATE [ ] FEE [x]
6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well [ ] Gas Well [ ] Other Coalbed Methane

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

3. Address of Operator P.O. Box 190; Raton, NM 87740

4. Well Location Unit Letter O : 900.65 feet from the South line and 1953.32 feet from the East line
Section 30 Township 32 N Range 20 E NMPM Colfax County

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

8. Well No. - 19

9. Pool name or Wildcat

10. Elevation (Show whether DR, RKB, RT, GR, etc.) 8292'(GR)

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK [ ] PLUG AND ABANDON [ ] TEMPORARILY ABANDON [ ] CHANGE PLANS [ ] PULL OR ALTER CASING [ ] MULTIPLE COMPLETION [ ] OTHER: [ ]
SUBSEQUENT REPORT OF: REMEDIAL WORK [ ] ALTERING CASING [ ] COMMENCE DRILLING OPNS. [x] PLUG AND ABANDONMENT [ ] CASING TEST AND CEMENT JOB [x] OTHER: [ ]

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

07/21/99: MIRU Thornton Rig #1. Spud well at 7:00 P.M. Drill 11" hole to 364'.
07/22/99: Ran and set 8-5/8", 23#, WC-50 casing at 349'. Cement with 70 sx cmt. Circ. 22 sx to surface.
07/24/99: T.D. 7 7/8" hole @ 2685'. Run open hole logs RDMO Thornton Rig #1. MIRU completion rig. Ran and set 5 1/2", 15.5#, MU-50 casing @ 2660'. Cement with 300 sx. Circ. 34 sx to surface.
08/07/99: Ran CBL. Found TOC @ 175' with good cement below.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE Petroleum Engr. Advisor DATE 9/1/99

Type or print name Noel Putscher Telephone No. (505)445-4621

(This space for State use) APPROVED BY [Signature] TITLE DISTRICT SUPERVISOR DATE 9/2/99

Conditions of approval, if any:

PV2V2007029991

State of New Mexico  
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

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STATE  FEE

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VPR 'A'

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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

4. Well Location

Unit Letter O : 901' Feet From The SOUTH Line and 1953' Feet From The EAST Line

Section 30 Township 32N Range 20E NMPM COLFAX County

10. Date Spudded 07/21/99 11. Date T.D. Reached 07/24/99 12. Date Compl. (Ready to Prod.) 09/22/99 13. Elevations (DF, RB, RT, GR, etc.) 8292' (GR) 14. Elev. Casinghead 8291' (GR)

15. Total Depth 2685' 16. Plug Back T.D. 2658' 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By 19. Rotary Tools 0 - TD 20. Cable Tools NONE

19. Producing Interval(s), of this completion - Top, Bottom, Name 2496'-2500'; 2291'-2295'; 2272'-2276' 20. Was Directional Survey Made NO  
VERMEJO COALS

21. Type Electric and Other Logs Run INDUCTION LOG; COMPENSATED DENSITY 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	349'	11"	100	NONE
5 1/2"	15.50	2660'	7 7/8"	300	NONE

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	2503'	

26. Perforation record (interval, size, and number)		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
INTERVAL	SIZE	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2272'-2276'	SHOT 4 SPF		
2291'-2295'	.48" DIA. HOLES	2276'-2500'	1000 gals of 15 % HCL; 99,000 lbs of 20/40;
2496'-2500'	108 HOLES TOTAL		55,000 lbs of 16/30; 1,184,000 scf of N2.
			(70 quality foam)

28. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)			Well Status (Prod. or Shut-in)		
10/01/99		30-N-095 PC PUMP			PRODUCING		
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF TSTM	Water - Bbl.	Gas - Oil Ratio
9/25/99	24					132	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF TSTM	Water - Bbl.	Oil Gravity - API - (Corr.)	
	7 psi				132		

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 *Don Lankford* Printed Name DON LANKFORD Title SR. PETROLEUM ENGINEER Date 09/30/99



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 Energy, Minerals and Natural Resources

Form C-103  
 Revised March 25, 1999

OIL CONSERVATION DIVISION  
 2040 South Pacheco  
 Santa Fe, NM 87505

WELL API NO.  
 30-007-20130

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 STATE  FEE

6. State Oil & Gas Lease No.

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 SONAT RATON, L.L.C.

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 8292'(GR)

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<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input checked="" type="checkbox"/>	COMPLETION

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

Perforated casing 2496' - 2500' with 4 SPF.  
 Frac'd 2496 - 2500 W/46,500 lbs. of sand.  
 Set RBF @ 2390.  
 Perforated casing 2291 - 2295, 2272 - 2276 W/4 SPF.  
 Frac'd 2272 - 2295 W/107,500 lbs of sand.  
 Cleaned out to 2658'.  
 Run production equipment (PC Pump)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Donald R. Lankford TITLE Sr. Petroleum Engineer DATE 09/30/99  
 Type or print name Donald R. Lankford Telephone No. (505)445-4621

(This space for State use)  
 APPROVED BY [Signature] TITLE DISTRICT SUPERVISOR DATE 9/30/99  
 Conditions of approval, if any:



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**Sonat Raton  
P.O. Box 190  
Raton, NM 87740**

**Oct. 6, 1999.**

**NOTICE OF GAS CONNECTION**

This is to notify the New Mexico Oil Conservation Division that connection for purchase of gas from Sonat Raton's Vermejo Park Ranch Well No. A-19, meter station no. 'A-19' located in unit letter O, Section 30, Township 32 North, Range 20 East, Colfax County, New Mexico, 160 acre area, was made on 09/22/99, by Sonat Raton, L.L.C. First delivery date: 10/1/99.

Purchaser: **Sonat Raton, L.L.C.**

Representative: DR Lanchard

Title: **Facilities Engineer**

Sonat Raton, L.L.C.  
P.O. Box 190  
Raton, New Mexico 87740

October 5, 1999

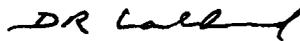
Mark Ashley  
New Mexico Oil Conservation Division  
2040 S. Pacheco  
Santa Fe, NM 87505

Mark:

The subject well, as well as all wells within the Vermejo Park Ranch have the following Working Interest:

Sonat Exploration:	75.000 %
Devon Energy:	25.000 %

Respectfully,



Don Lankford