

Submit 3 Copies To Appropriate District Office
 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-103
 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

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name:

8. Well No. VPR 'A' - 3

9. Pool name or Wildcat

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
 8133'(GR)

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 J : 1549 feet from the South line and 1503 feet from the East line
 Section 36 Township 32 N Range 19 E NMPM Colfax County

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

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

6/19/99: RU Thornton Rig 1. Spud well at 6 pm. Drill 11" hole to 364.'

6/20/99: Run and set 8 5/8" 24# J55 surface casing at 350'
 Cement with 140 sx. Circ. 30 sx. to surface.

6/22/99: Drill 7 7/8" hole to 2405'. Unable to run open hole logs past 885'

6/24/99: RD Thornton. RU completion rig. Ran and set 5 1/2" 17# casing at 2391'.

6/25/99: Cement with 325 sx. Circ. 2 bbls. To surface.

6/28/99 Ran cased hole neutron log. Ran cement bond log.
 Found good cement throughout with TOC at 220'.

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

SIGNATURE DR Lankford TITLE Sr. Petroleum Engineer
 DATE 7/21/99

Type or print name Donald R. Lankford
 Telephone No. (505)445-4620
 This space for State Use

APPROVED BY [Signature] TITLE DISTRICT SUPERVISOR DATE 7/22/99
 Conditions of approval, if any

Submit 3 Copies To Appropriate District Office
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State of New Mexico
 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- 2011 20112
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
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 <input type="checkbox"/> Gas Well <input type="checkbox"/> Other Coalbed Methane <input type="checkbox"/>		7. Lease Name or Unit Agreement Name: VPR 'A'
2. Name of Operator SONAT RATON, L.L.C.	8. Well No. -3	
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 32 N Range 19 E NMPM Colfax County		
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 8281'(GR)		

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: <input type="checkbox"/>		SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: <input checked="" type="checkbox"/> COMPLETION	
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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.

Perforate casing 2299 - 2302; 2288 - 2293; 2280 - 2284 W/4 SPF.
 Frac 2280 - 2302 W/100,000 of sand.
 Set RBP @ 2276
 Perforate casing 2235 - 2238; 2250 - 2253; 2266 - 2270 W/4 SPF
 Frac 2235 - 2270 W/75,000 of sand.
 Set RBF @ 2220'.
 Perforate casing 2204' - 2210' W/4 SPF and frac W/50,000 of sand.
 Set RBP @ 2180'
 Perforate casing 2124 - 2129, 2154 - 2157. W/4 SPF
 Frac 2124 - 2157 W/75,000 lbs of sand.
 Clean out to 2390 and 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 Ry Johnson TITLE DISTRICT SUPERVISOR DATE 9/30/99
 Conditions of approval, if any:

Submit To: Appropriate District Office
 State Lease - 6 copies
 Fee Lease - 5 copies

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-105
 Revised March 25, 1999

District I
 1625 N. French Dr., Hobbs, NM 87240
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 811 South First, Artesia, NM 87210
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 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. 30-007-20112
 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 WELL OVER DEEPEN PLUG BACK DIFF. 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.: 03
 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	19. 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				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	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 DRL - [Signature]	Printed Name DONALD R. LANKFORD	Title SR. PETROLEUM ENGINEER	Date 09/30/99
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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 reopened 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

- | | |
|-----------------------|------------------------|
| Anhy _____ | T. Canyon _____ |
| Salt _____ | T. Strawn _____ |
| Salt _____ | T. Atoka _____ |
| Yates _____ | T. Miss _____ |
| 7 Rivers _____ | T. Devonian _____ |
| Queen _____ | T. Silurian _____ |
| Grayburg _____ | T. Montoya _____ |
| San Andres _____ | T. Simpson _____ |
| Glorieta _____ | T. McKee _____ |
| Paddock _____ | T. Ellenburger _____ |
| Blinebry _____ | T. Gr. Wash _____ |
| Tubb _____ | T. Delaware Sand _____ |
| Drinkard _____ | T. Bone Springs _____ |
| Abo _____ | T. _____ |
| Wolfcamp _____ | T. _____ |
| Penn _____ | T. _____ |
| Cisco (Bough C) _____ | T. _____ |

Northwestern New Mexico

- | | |
|-----------------------------|---------------------------|
| T. Ojo Alamo _____ | T. Penn. "B" _____ |
| T. Kirtland-Fruitland _____ | T. Penn. "C" _____ |
| T. Pictured Cliffs _____ | T. Penn. "D" _____ |
| T. Cliff House _____ | T. Leadville _____ |
| T. Menefee _____ | T. Madison _____ |
| T. Point Lookout _____ | T. Elbert _____ |
| T. Mancos _____ | T. McCracken _____ |
| T. Gallup _____ | T. Ignacio Otzte _____ |
| Base Greenhorn _____ | T. Granite _____ |
| T. Dakota _____ | T. Raton - Surface _____ |
| T. Morrison _____ | T. Vermejo - 2084' _____ |
| T. Todilto _____ | T. Trinidad - 2330' _____ |
| T. Entrada _____ | T. _____ |
| T. Wingate _____ | T. _____ |
| T. Chinle _____ | T. _____ |
| T. Permian _____ | T. _____ |
| T. Penn "A" _____ | T. _____ |

OIL OR GAS SANDS OR ZONES

- | | |
|-------------------------|-------------------------|
| No. 1, from.....to..... | No. 3, from.....to..... |
| No. 2, 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

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

**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-3, meter station no. 'A-3' located in unit letter J, Section 36, Township 32 North, Range 19 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 Lohnd

Title: **Facilities Engineer**

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

October 5, 1999

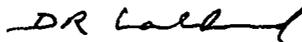
Mark Ashley
New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, NM 87505

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