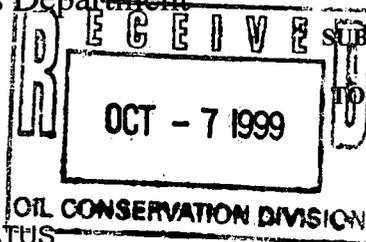


District I - (505) 393-6161  
 7525 N. French Dr  
 Hobbs, NM 88241-1980  
 District II - (505) 748-1283  
 811 S. First  
 Artesia, NM 88210  
 District III - (505) 334-6178  
 1000 Rio Brazos Road  
 Aztec, NM 87410  
 District IV - (505) 827-7131

Energy Minerals and Natural Resources Department

Oil Conservation Division

2040 South Pacheco Street  
 Santa Fe, New Mexico 87505  
 (505) 827-7131



SUBMIT ORIGINAL  
 PLUS 2 COPIES  
 TO THE SANTA FE  
 OFFICE

APPLICATION FOR NEW WELL STATUS

I. Operator and Well

Operator name & address SONAT RATON, LLC P.O. BOX 190 RATON, NEW MEXICO 87740							OGRID Number 180514		
Contact Party DONALD R. LANKFORD							Phone (505)-445-4621		
Property Name VERMEJO PARK RANCH (VPR 'A')					Well Number 4X		API Number 30-007-20135		
UL K	Section 31	Township 32N	Range 20E	Feet From The 1681	North/South Line SOUTH	Feet From The 1539	East/West Line WEST	County COLFAX	

II. Date/Time Information

Spud Date 08/18/99	Spud Time 12:00 PM	Date Completed 09/22/99	Pool
-----------------------	-----------------------	----------------------------	------

III. Attach copies of Form C-103 or Federal Form 3160-5 showing date/time of drilling commenced and Form C-105 or Federal Form 3160-4 showing well was completed as a producer.

IV. Attach a list of all working interest owners with their percentage interests.

V. AFFIDAVIT:

State of New Mexico )  
 )  
 ) ss.  
 County of Colfax )  
 )  
 \_\_\_\_\_, being first duly sworn, upon oath states:

- I am the Operator, or authorized representative of the Operator, of the above-referenced well.
- To the best of my knowledge, this application is complete and correct.

Signature DR Lankford Title Sr. Petroleum Engineer Date 10/05/99

SUBSCRIBED AND SWORN TO before me this 5th day of October, 1999.

June 1  
2003 My Commission expires:

Carolyn Connor  
 Notary Public

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a New Well. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval.

Signature <u>Mark Speer</u>	Title <u>P.E. Speer</u>	Date <u>NOV 22 1999</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: 11/22/99

NOTICE: The operator must notify all working interest owners of this New Well certification.

PVZV 2006933974

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. 30-007-20135
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: <b>VPR 'A'</b>
8. Well No. - <b>04X</b>
9. Pool name or Wildcat

**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 **K** : **1631** feet from the **South** line and **1539** feet from the **West** line  
 Section **31** Township **32 N** Range **20 E** **NMPM Colfax**  
 County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)  
**8085'(GR)**

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

<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 checked="" 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 checked="" type="checkbox"/>
OTHER: <input type="checkbox"/>	OTHER: <input type="checkbox"/>

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.

08-18-99 MIRU Pense Rig #8. Spud well at 12:00 Noon.  
 Drill 11" hole to 355'. Run 8 5/8", 23#, M-50 casing and set @ 345'.  
 Cement with 100 sks. Circulate 40 sks. To pit.

08-19-99 Drlg. To 1430'. Squeeze sills with 100 sks. Of PLHS. WOC

08-20-99 WOC and drill 7 7/8" hole to 2150'.

08-21-99 Drill to TD @ 2325'. Ran open hole logs. Rigged down Pense & moved off.

08-22-99 Rig up Leed to run casing. Run 52 jts 5 1/2", 17#/ft. M-50.  
 Cement with 300 sks. 50 bbls of slurry to surface

08-25-99 Ran CBL. Showed good bond throughout with TOC @ 50'.

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 *9/29/99*  
 (505) 445-4620  
 Telephone No.

Type or print name *Ismael R. Lankford*  
 (This space for State use)

APPROVED BY *[Signature]* TITLE **DISTRICT SUPERVISOR** DATE *9/30/99*  
 Conditions of approval, if any:

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  
**OIL CONSERVATION DIVISION**  
 2040 South Pacheco  
 Santa Fe, NM 87505

Form C-103  
 Revised March 25, 1999

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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.)		WELL API NO. 30-007-20135
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other Coalbed Methane <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator <b>SONAT RATON, L.L.C.</b>		6. State Oil & Gas Lease No.
3. Address of Operator P.O. Box 190; Raton, NM 87740		7. Lease Name or Unit Agreement Name: <b>VPR 'A'</b>
4. Well Location Unit Letter <u>    </u> <u>    </u> <u>    </u> : <u>1631</u> feet from the <u>    </u> South <u>    </u> line and <u>1539</u> feet from the <u>    </u> West <u>    </u> line Section 31 Township 32 N Range 20 E NMPM Colfax County		8. Well No. - <b>04X</b> 9. Pool name or Wildcat
10. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>8085'(GR)</b>		

<b>11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data</b>	
<b>NOTICE OF INTENTION TO:</b> 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"/>	<b>SUBSEQUENT REPORT OF:</b> 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: COMPLETION <input checked="" type="checkbox"/>

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 2222' - 2225', 2240' - 2244' W/4 SPF.  
 Frac'd 2222' - 2244' with 75,000 lbs. of sand.  
 Set RBP @ 2120'  
 Perforate casing 2040' - 2044' W/4 SPF. Would not break down. Re-perf 2038' - 2042'.  
 Frac'd 2038' - 2044' with 75,000 lbs. of sand.  
 Cleaned out to 2319'.  
 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 DR Lankford TITLE Sr. Petroleum Engineer DATE 9/29/99

Type or print name Donald R. Lankford Telephone No. (505) 445 4621

APPROVED BY [Signature] TITLE **DISTRICT SUPERVISOR** DATE 9/30/99  
 Conditions of approval, if any:

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.  
 30-007-20135

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

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

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

8. Well No. 4X

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

9. Pool name or Wildcat

4. Well Location  
 Unit Letter K : 1681 Feet From The South Line and 1539 Feet From The West Line  
 Section 31 Township 32N Range 20E NMPM Colfax County

10. Date Spudded 08/18/99	11. Date T.D. Reached 08/21/99	12. Date Compl. (Ready to Prod.) 09/22/99	13. Elevations (DF& R(B. RT, GR, etc.) 8085' (GR)	14. Elev. Casinghead 8084'
15. Total Depth 2325'	16. Plug Back T.D. 2319'	17. If Multiple Compl. How Many Zones? Zones?	18. Intervals Drilled By Rotary Tools O-TD	Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name  
 2222' - 2225'; 2240' - 2244'; 2040' - 2044'; 2038' - 2042' VERMEJO COALS

20. Was Directional Survey Made  
 NO

21. Type Electric and Other Logs Run  
 Compensated Density Log, Induction Log, Cement Bond 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 SKS	NONE
5 1/2	17#	2320'	7 7/8"	400 SKS	NONE

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	2258	

26. Perforation record (interval, size, and number) 2222 - 2225 2240 - 2244 Shot 4 SPF 2040 - 2044 .48" dia. holes 2038 - 2042 60 holes	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 2038 - 2225 1250 gal of 7 1/2% HCL; 100,000 lbs. of 20/40 50,000 lbs. of 16/30; 945,000 SCF of N2 ( 70 quality foam)
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28. PRODUCTION

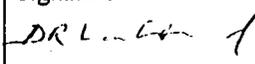
Date First Production 10/01/99	Production Method (Flowing, gas lift, pumping - Size and type pump) 30-N-095 PC PUMP	Well Status (Prod. or Shut-in) PROD.					
Date of Test 09/27/99	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF TSTM	Water - Bbl. 240	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure 7 PSL	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF TSTM	Water - Bbl. 400	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

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 DONALD R. LANKFORD	Title SR. PETROLEUM ENGINEER	Date 09/30/99
---	------------------------------------	---------------------------------	------------------



**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-4X, meter station no. 'A-4X' located in unit letter K, Section 31, 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 Lally

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