

District I - (505) 393-6161  
 1625 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

New Mexico  
 Energy Minerals and Natural Resources Department

1296 Form C-142  
 Date 06/99

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

RECEIVED  
 OCT - 7 1999  
 SUBMIT ORIGINAL PLUS 2 COPIES TO THE SANTA FE OFFICE  
 APPLICATION FOR NEW WELL STATUS CONSERVATION DIVISION

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 10		API Number 30-007-20124		
UL I	Section 01	Township 31N	Range 19E	Feet From The 1454	North/South Line South	Feet From The 993	East/West Line East	County COLFAX	

II. Date/Time Information

Spud Date 08/04/99	Spud Time 11:30 PM	Date Completed 09/22/99	Pool
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- 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 Oct., 99

Carolee O'Connor  
 Notary Public

My Commission expires: June 1, 2003

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 Kelly</u>	Title <u>P.E. Spoe.</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 2006934315

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. 30-007-20124
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.)

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

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

8. Well No. - 10

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

9. Pool name or Wildcat

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

4. Well Location Unit Letter I # 1453.55 feet from the South line and 993.42 feet from the East line
Section 1 Township 31 N Range 19 E NMPM Colfax County

10. Elevation (Show whether DR, RKB, RT, GR, etc.) 8214.6'(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 [ ] 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.
08/04/99: MIRU Pense Rig #8. Spud well at 1:30 P.M. Drill 11' hole to 361. Ran and set 8-5/8", 23#, wc-50 casing at 348'. Cement with 100 sx cement. Circ. 25 sx to surface.
08/06/99: TD 7-7/8' hole at 2605'. Run open hole logs. RD Pense Rig #8. MIRU completion rig. Ran and set 5-1/2", 15.5#, MAU - 50 casing at 2543' Cement W 300 sx. Wo cement to surface.
08/16/99: Ran CBL. Found TOC at 2056' 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 8/31/99
Type or print name Noel W. Putscher Telephone No.
APPROVED BY [Signature] TITLE DISTRICT SUPERVISOR DATE 9/2/99
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

Form C-103  
 Revised March 25, 1999

OIL CONSERVATION DIVISION  
 2040 South Pacheco  
 Santa Fe, NM 87505

WELL API NO. 30-007-20124
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.

<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.)		7. Lease Name or Unit Agreement Name: <b>VPR 'A'</b>
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other Coalbed Methane		8. Well No. - <b>10</b>
2. Name of Operator <b>SONAT RATON, L.L.C.</b>		9. Pool name or Wildcat
3. Address of Operator P.O. Box 190; Raton, NM 87740		
4. Well Location Unit Letter <u>T</u> : 1453.55 feet from the <u>South</u> line and <u>993.42</u> feet from the <u>East</u> line Section <u>1</u> Township <u>31 N</u> Range <u>19 E</u> NMPM Colfax County		
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 8214.6'(GR)		

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
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.

Perforate casing 1836' - 1839' W/4 SPF and frac W/ 50,000 lbs. of sand.  
 Set RBF @ 1700'  
 Perforate casing 1396' - 1399' W/4 SPF and frac w/50,000 lbs. of sand.  
 Set RBF @ 1360'  
 Perforate casing 1346' - 1349' W/4 SPF and frac w/25,000 lbs. of sand.  
 Set RBP @ 1260'  
 Perforate casing 1146 - 1148, 1182 - 1186 W/4 SPF and frac W/50,000 lbs. of sand.  
 Set RBF @ 1128'  
 Perforate casing 1111-1121 W/4 SPF and frac W/75,000 lbs of sand  
 ITES mixed & Pumped 94 sks of Midcon 2 plus additives down the annules, clean out to 1890'  
 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 Senior Petroleum Engineer DATE 9/29/99

Type or print name: Donald R. Lankford Telephone No. (505) 475-1220

APPROVED BY Ry E Johnson 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-~~2013~~ 20124

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. 10

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

9. Pool name or Wildcat

4. Well Location  
 Unit Letter I : 1454 Feet From The SOUTH Line and 993 Feet From The EAST Line  
 Section 01 Township 31N Range 19E NMPM Colfax County

10. Date Spudded 08/04/99  
 11. Date T.D. Reached 08/06/99  
 12. Date Compl. (Ready to Prod.) 09/22/99  
 13. Elevations (DF& R(B. RT, GR, etc.) 8215' GR  
 14. Elev. Casinghead 8214'

15. Total Depth 2605'  
 16. Plug Back T.D. 2542'  
 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  
 1836 - 1839; 1396 - 1399; 1346 - 1349; 1146 - 1148; 1182 - 1186; 1111 - 1121 VERMEJO COALS  
 20. Was Directional Survey Made No

21. Type Electric and Other Logs Run  
 CDL; Dual INDUCTION 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#	348'	11"	100 SKS	NONE
5 1/2	15.50#	2543'	7 7/8"	300 SKS	NONE

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. TUBING RECORD	DEPTH SET	PACKER SET
					2 7/8	1858	

26. Perforation record (interval, size, and number)  
 1836 - 1839; 1396 - 1399; 1346 - 1349; 1146 - 1148; 1111 - 1121;  
 Shot 4 SPF; .48 dia holes;  
 100 holes.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.  
 DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED  
 1111 - 1839 2500 Gals of 7 1/2% HCL; 125,000 lbs of  
 16/30; 1,035 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  
 Well Status (Prod. or Shut-in) PROD.

Date of Test 09/23/99  
 Hours Tested 24  
 Choke Size  
 Prod'n For Test Period  
 Oil - Bbl  
 Gas - MCF TSTM  
 Water - Bbl. 226  
 Gas - Oil Ratio

Flow Tubing Press.  
 Casing Pressure 7 PSI  
 Calculated 24-Hour Rate  
 Oil - Bbl.  
 Gas - MCF TSTM  
 Water - Bbl. 226  
 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 *Don Lankford* 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-10, meter station no. 'A-10' located in unit letter I, Section 1, Township 31 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

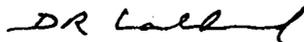
Mark Ashley  
New Mexico Oil Conservation Division  
2040 S. Pacheco  
Santa Fe, NM 87505

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