

District I - (505) 393-6161

1625 W. 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

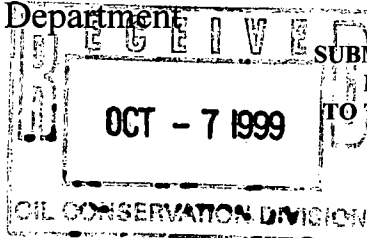
Aztec, NM 87410

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



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 11		API Number 30-007-20125		
UL H	Section 02	Township 31N	Range 19E	Feet From The 1597	North/South Line North	Feet From The 1226	East/West Line East	County COLFAX	

II. Date/Time Information

Spud Date 08/06/99	Spud Time 04:00 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

My Commission expires: June 1, 2003

Carolyn D'Conner
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 Kelly</u>	Title <u>P.E. Spec.</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.

pV2V2006934394

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.
30-007-20125

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

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

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

8. Well No. - 11

9. Pool name or Wildcat

4. Well Location

Unit Letter H : 1596.80 feet from the North line and 1226.41 feet from the East line

Section 02 Township 31 N Range 19 E NMPM Colfax
County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
8322'(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. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: 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 recompletion.

Perforated casing 1271 - 1475 W/4 SPF
Frac'd 1471 - 1475 W/ 52,000 lbs of sand.
Set RBP @ 1450'.
Perforated casing 1426' - 1430' W/4 SPF.
Frac'd 1426 - 1430 with 52,000 lbs of sand.
Set RBF at 1250'
Perforated casing 1203 - 1209 W/4 SPF.
Frac'd 1203 - 1209 with 34,000 lbs of sand.
Clean out to 1700'
Run production equipment (PC Pump).
B.J. Services mixed & pumped 30 sks PLHS plus additives down the annulus.
Shut down with 80 psi on the casing.

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 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:

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.
30-007-20125

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

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

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.

8. Well No. - 11

3. Address of Operator

P.O. Box 190; Raton, NM 87740

9. Pool name or Wildcat

4. Well Location

Unit Letter H : 1596.80 feet from the North line and 1226.41 feet from the East line

Section 02

Township 31 N

Range 19 E

NMPM Colfax

County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
8322'(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. ☒ 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.

08/06/99: MIRU Pense Rig #8. Spud well at 4:00 P.M. Drill 11' hole to 360'. Ran and set 8-5/8", 23#, WC-50 casing at 349'. Cement with 100 sx. Circ. 20 sx to surface.

08/-8/99: T.D. 7-7/8" hole at 2590'. Run open hole logs. RD Pense Rig #8. MIRU completion rig. Ran and set 5 1/2", 15.5#, MAV-50 casing at 2570'. Cement with 300 sx. No cement to surface.

08/14/99: Ran CBL. Found TOC at 590' with good cement below.

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

SIGNATURE Noel W. Putscher TITLE Petroleum Engr. Advisor DATE 8/31/99

Type or print name Noel W. Putscher Telephone No.

(This space for State use)

APPROVED BY [Signature] TITLE DISTRICT SUPERVISOR DATE 9/2/99

Conditions of approval, if any.

Submit To Appropriate 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.

30-007-20125

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 ☐ PLUG ☐ DIFF. ☐
WELL OVER ☐ DEEPEN ☐ BACK RESVR. ☐ OTHER ☐

2. Name of Operator

SONAT RATON, L.L.C.

7. Lease Name or Unit Agreement Name

VPR 'A'

3. Address of Operator

P.O. BOX 190: RATON, NM 87740

8. Well No. 11

9. Pool name or Wildcat

4. Well Location

Unit Letter H 1597 Feet From The North Line and 1226 Feet From The East Line

Section 02 Township 31N Range 19E NMPM Colfax

County

10. Date Spudded
08/06/99

11. Date T.D. Reached
08/08/99

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
2590'

16. Plug Back T.D.
2569'

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

1203 - 1209; 1426 - 1430; 1471 - 1475

RATON COALS

20. Was Directional Survey Made
NO

21. Type Electric and Other Logs Run

22. Was Well Cored
NO

CDL; Induction Log; CBL

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 SKS	NONE
5 1/2	15.50#	2570'	7 7/8"	300 SKS	NONE

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8	1509	

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

1203 - 1209

1426 - 1430

1471 - 1475

Shot 4 SPF
.48" dia holes
56 holes

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

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

1203 - 1475

1500 GAL OF 7 - 1/2% hcl; 75,000 lbs of 20/40;

63,000 lbs. of 16/30;

678,000 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	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
09/23/99	24				TSTM	250	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
	7 PSI			TSTM	250		

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

DR Lankford

Printed Name

Donald R. Lankford

Title

Sr. Petroleum Engineer

Date

09/30/99

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 STA1

Southeastern New Mexico

T. Anhy _____
T. Salt _____
B. Salt _____
T. Yates _____
T. 7 Rivers _____
T. Queen _____
T. Grayburg _____
T. San Andres _____
T. Glorieta _____
T. Paddock _____
T. Blinebry _____
T. Tubb _____
T. Drinkard _____
T. Abo _____
T. Wolfcamp _____
T. Penn _____
T. Cisco (Bough C) _____

T. Canyon _____
T. Strawn _____
T. Atoka _____
T. Miss _____
T. Devonian _____
T. Silurian _____
T. Montoya _____
T. Simpson _____
T. McKee _____
T. Ellenburger _____
T. Gr. Wash _____
T. Delaware Sand _____
T. Bone Springs _____
T. _____
T. _____
T. _____
T. _____

Northwestern New Mexico

T. Ojo Alamo
T. Kirtland-Fruitland
T. Pictured Cliffs
T. Cliff House
T. Menefee
T. Point Lookout
T. Mancos
T. Gallup
Base Greenhorn
T. Dakota
T. Morrison
T. Todilto
T. Entrada
T. Wingate
T. Chinle
T. Permian
T. Penn "A"

T. Penn. "B" _____
T. Penn. "C" _____
T. Penn. "D" _____
T. Leadville _____
T. Madison _____
T. Elbert _____
T. McCracken _____
T. Ignacio Otzte _____
T. Granite _____
T. Raton - Surface _____
T. Vermejo - 2203' _____
T. Trinidad - 2468' _____
T. Pierre - 2567' _____
T. _____
T. _____
T. _____
T. _____

OIL OR GAS SANDS OR ZONE

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

**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-11, meter station no. 'A-11' located in unit letter H, Section 2, 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 Lundy

Title: **Facilities Engineer**

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

October 5, 1999

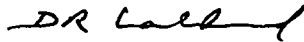
Mark Ashley
New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, NM 87505

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