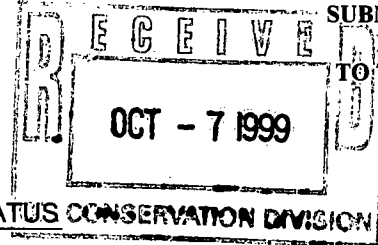


District I - (505) 393-6161  
1625 N. French Dr  
Hobbs, NM 88241-1980  
District II - (505) 748-1283  
811 S. First  
Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Road  
Aztec, NM 87410  
District IV - (505) 827-7131

New Mexico  
Energy Minerals and Natural Resources Department  
Oil Conservation Division  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

1295 Form C-142  
Date 06/99



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 09		API Number 30-007-20123	
UL L	Section 01	Township 31N	Range 19E	Feet From The 1979	North/South Line South	Feet From The 368	East/West Line West	County COLFAX

II. Date/Time Information

Spud Date 07/29/99	Spud Time 3:00 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:

1. I am the Operator, or authorized representative of the Operator, of the above-referenced well.
2. 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 O'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 Lankford</u>	Title <u>P.E. Spee.</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.

PVEV2006934233

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

WELL API NO.  
30-007-2012#3

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. - 09

9. Pool name or Wildcat

VERMEJO/RATON COALS

4. Well Location

Unit Letter L : 1979 feet from the South line and 368 feet from the West line

Section 1

Township 31 N

Range 19 E

NMPM Colfax

County

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

8198'(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.

07/29/99: MIRU Pense Rig #8. Surf casing info. - Drilled 11" hole to 360', set 8 5/8 @ 353' cement with 100 sks midion 2 w/5# GIL & 3% Cac/. 25# Flor Spud well 3:00 p.m.

07/30/99: Drill 7 7/8 hole to 2300:

07/31/99: Drill to TD @ 2520'. RD Pense Rig #8.

Run open logs. Ran & Set 5 1/2, 15.5#, MV-50, & set @ 2369' Cement w/300 sx., cement to surface but broke back.

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

SIGNATURE Donald R. Lankford Title: Senior Petroleum Engineer

DATE 8/31/99

Type or print name Donald R. Lankford

Telephone No. 505-445-4621

(This space for State use)

APPROVED BY Ry. E. Johnson

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 ~~2013~~ 20123

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. - 09

3. Address of Operator

P.O. Box 190; Raton, NM 87740

9. Pool name or Wildcat

4. Well Location

Unit Letter L : 1979 feet from the South line and 368 feet from the West line

Section 1

Township 31 N

Range 19 E

NMPM Colfax

County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)  
8275'(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, 1378 - 1382, 1346 - 1350 W/4 SPF and frac'd W/52,000 lbs of sand.  
Set RBF @ 1340'.  
Perforated casing 1300 - 1304, 1286 - 1290 W/4 SPF and frac'd W/52,000 lbs of sand  
Set RBF @ 1170'  
Perforated casing 1127 - 1131, 1113 - 1118 W/4 SPF and frac'd W/78,000 lbs of sand.  
Set RBF @ 1105'  
Perforated casing 1086 - 1091 W/4 SPF and frac'd W/80,000 lbs of sand.  
Set RBP @ 1060.  
Perforated casing 1032 - 1036 W/4 SPF and frac'd W/29,000 lbs of sand.  
Clean out to 1750'  
Run production equipment (PC Pump)  
BJ Services mixed and pumped 38 sk PLHS plus additives down the annulus.

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

SIGNATURE DR L. 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 R. 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. 30-007-20123
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/> COALBED METHANE <input type="checkbox"/>	7. Lease Name or Unit Agreement Name  VPR 'A'
b. Type of Completion: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>	
2. Name of Operator SONAT RATON, L.L.C.	8. Well No. 09
3. Address of Operator P.O. BOX 190: RATON, NM 87740	9. Pool name or Wildcat

4. Well Location Unit Letter L : 1979 Feet From The South Line and 368 Feet From The West Line Section 01 Township 31N Range 19E NMPM Colfax County					
10. Date Spudded 07/29/99	11. Date T.D. Reached 07/31/99	12. Date Compl. (Ready to Prod.) 09/22/99	13. Elevations (DF& R(B, RT, GR, etc.) 8274' (GR)	14. Elev. Casinghead 8273'	
15. Total Depth 2520'	16. Plug Back T.D. 2368'	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 1378 - 1382; 1346 - 1350; 1300 - 1304; 1286 - 1290; 1127 - 1131; 1113 - 1118; 1086 - 1091; 1032 - 1036 RATON COALS					20. Was Directional Survey Made NO
21. Type Electric and Other Logs Run CDL; 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#	353'	11"	100 SKS	NONE
5 1/2	15.50#	2369'	7 7/8"	300 SKS	NONE

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	1406	
26. Perforation record (interval, size, and number) Shot 4 SPF .48 dia. 1378 - 1382; 1346 - 1350; 1300 - 1304; 1286 - 1290 136 holes 1127 - 1131; 1113 - 1118; 1086 - 1091; 1032 - 1036				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 1032 - 1382 2500 GAL OF 71/2% hcl; 160,000 lbs of 20/40; 131,000 lbs. of 16/30; 1,689,000 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 09/23/99	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF TSTM	Water - Bbl. 88	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure 7 PSI	Calculated 24- Hour Rate	Oil - Bbl.	Gas - MCF TSTM	Water - Bbl. 88	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 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 STATI

## Southeastern New Mexico

T. Anhy	T. Canyon
T. Salt	T. Strawn
B. Salt	T. Atoka
T. Yates	T. Miss
T. 7 Rivers	T. Devonian
T. Queen	T. Silurian
T. Grayburg	T. Montoya
T. San Andres	T. Simpson
T. Glorieta	T. McKee
T. Paddock	T. Ellenburger
T. Blinberry	T. Gr. Wash
T. Tubb	T. Delaware Sand
T. Drinkard	T. Bone Springs
T. Abo	T.
T. Wolfcamp	T.
T. Penn	T.
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 - 2070' _____
T. Todilto _____	T. Trinidad - 2340' _____
T. Entrada _____	T. Pierre - 2436' _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn "A" _____	T. _____

## OIL OR GAS SANDS OR ZONES:

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

**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-9, meter station no. 'A-9' located in unit letter L, 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 Leland

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