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CONSERVATION DIVISION
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OFFICE**

PVZV2006934687

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.
30-007-20118

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. - 14

9. Pool name or Wildcat

4. Well Location

Unit Letter _____ M _____ : 1281.84 _____ feet from the _____ South _____ line and _____ 824.69 _____ feet from the _____ West _____ line

Section 36

Township 32 N

Range 19 E

NMPM Colfax

County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
8245.73'(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 recompletion.

07/31/99: MIRU Thornton Rig #2. Spud well at 1:00 P.M. Drill 11" hole to 364'.

08/01/99: Ran and set 8-5/8", 23#, WC-50 casing at 352'.

Cement with 100 sx - Circ. 22 sx to surface.

08/03/99: T.D. 7-7/8" hole @ 2580'.

08/04/99: Run open hole logs. RDMO Thornton Rig #2. MIRU completion Rig. Ran and set 5 1/2", 15.5#, M-50 casing at 2541'.

Cement with 300 sx. No cement to surface.

08/16/99: Ran CBL. Found TOC at 1400' with good cement below.

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

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

Type or print name Nael W. Putscher Telephone No. 505-445-46-
(This space for State use)

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
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1000 Rio Brazos Rd., Aztec, NM 87410
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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. 30-007-20118
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.)		7. Lease Name or Unit Agreement Name: VPR 'A'
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other Coalbed Methane		
2. Name of Operator SONAT RATON, L.L.C.	8. Well No. - 14	
3. Address of Operator P.O. Box 190; Raton, NM 87740	9. Pool name or Wildcat	
4. Well Location Unit Letter <u> </u> M <u> </u> : <u>1281.84</u> feet from the <u> </u> South <u> </u> line and <u>824.69</u> feet from the <u> </u> West <u> </u> line Section <u>36</u> Township <u>32 N</u> Range <u>19 E</u> NMPM Colfax County <u> </u>		
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 8245.73'(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, 2205 - 2209, 2224 - 2228 W/4 SPF. Frac'd 2205 - 2228 W/103,000 lbs. of sand. Set RBP @ 1455'. Perf squeeze holes 1350 - 1352 W/4 SPF. BJ mixed and pumped 300 sks. Platts cement and tailed in W/ 150 sks type III. Circulated 30 bbls of slurry to surface. Drilled out and pulled RBP and Ran CBL. Showed cement to surface.
Set RBP @ 2080'.
Perforated casing 1474 - 1478, 1442 - 1446, 1395 - 1399, 1382 - 1386 W/4 SPF.
Set RBP @ 1260'.
Perforated casing 1200 - 1204 W/4 SPF and frac'd W/52,000 lbs of sand.
Set RBP @ 1212.
Perforated casing 1200 - 1204, W/4 SPF and frac'd W/29,000 lbs of sand.
Set RBP @ 1170
Perforated casing 1159 - 1163 W/4 SPF and frac'd W/30,000 lbs. of sand.
Clean out to 2541 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 DR Lankford TITLE Sr. Petroleum Engineer DATE 9/30/99

Type or print name Donald R. Lankford Telephone No.

(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
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811 South First, Artesia, NM 87210
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2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

WELL API NO. 30-007-20118
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
State Oil & Gas Lease No.

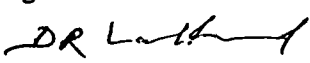
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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. 14
3. Address of Operator P.O. BOX 190: RATON, NM 87740	9. Pool name or Wildcat

4. Well Location Unit Letter M : 1282 Feet From The SOUTH Line and 825 Feet From The WEST Line Section 36 Township 32N Range 19E NMPM Colfax County					
10. Date Spudded 07/31/99	11. Date T.D. Reached 08/03/99	12. Date Compl. (Ready to Prod.) 09/22/99	13. Elevations (DF& R(B. RT, GR, etc.) 8246 (GR)	14. Elev. Casinghead 8245'	
15. Total Depth 2580'	16. Plug Back T.D. 2541'	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 2205 - 2209; 2224 - 2228; 1474 - 1478; 1442 - 1446; 1395 - 1399; 1382 - 1386; 1234 - 1241; 1200 - 1204; 1159 1163 RATON VERMEJO 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#	352'	11"	100 SKS.	NONE
5 1/2	15.50#	2542'	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	2234				
26. Perforation record (interval, size, and number) 2205 - 2209 1382 - 1386 1395 - 1399 2224 - 2228 1234 - 1241 Shot 4 SPF 1474 - 1478 1200 - 1204 .48" dia. holes 1442 - 1446 1159 - 1163 156 holes total					
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 1159 - 2228 2500 gals of 7 1/2% HCL; 180,000 lbs. of 20/40; 161,000lbs. of 16/30; 1,502,000 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 09/28/99	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF TSTM	Water - Bbl. 254	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure 7 PSI	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF TSTM	Water - Bbl. 254	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 Senior 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 STATE

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 - 2183'
T. Todilto	T. Trinidad - 2428'
T. Entrada	T. Pierre - 2521'
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

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-14, meter station no. 'A-14' located in unit letter M, 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 Laidlaw

Title: **Facilities Engineer**

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

October 5, 1999

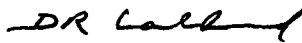
Mark Ashley
New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, NM 87505

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