

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

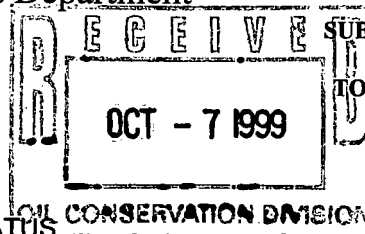
1000 Rio Brazos Road

Aztec, NM 87410

District IV - (505) 827-7131

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 06		API Number 30-007-20115	
UL D	Section 31	Township 32N	Range 20E	Feet From The 1254	North/South Line NORTH	Feet From The 863	East/West Line WEST	County COLFAX

II. Date/Time Information

Spud Date 06/23/99	Spud Time 08:30 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 October, 99

Carolyn 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 Lankford</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.

PVZV 2006934070

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

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.)		WELL API NO. 30-007-20126
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other Coalbed Methane		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator SONAT RATON, L.L.C.		6. State Oil & Gas Lease No.
3. Address of Operator P.O. Box 190; Raton, NM 87740		7. Lease Name or Unit Agreement Name: VPR 'A'
4. Well Location Unit Letter _____ P _____ : 1225.01 _____ feet from the _____ South _____ line and 947.22 _____ feet from the _____ East _____ line Section 02 Township 31 N Range 19 E NMPM Colfax County		8. Well No. - 06
		9. Pool name or Wildcat
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 8209' (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: 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.

Perforate casing 2285 - 2288, 2269 - 2273 W/4 SPF and 2248 - 2258 W/2 SPF.
Frac'd 2248 - 2288 with 90,000 lbs. of sand.
Set RBP @ 2210.
Perforated casing 2151 - 2155, 2097 - 2104 W/4 SPF
Frac'd 2097 - 2155 with 110,000 lbs of sand.
Cleaned out to 2374'.
Ran 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 4620

(This space for State use)

APPROVED BY R. E. Johnson TITLE DISTRICT SUPERVISOR DATE 9/30/99

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.

30-007-20115

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. 06

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

9. Pool name or Wildcat

4. Well Location

Unit Letter D : 1254 Feet From The NORTH Line and 863 Feet From The WEST Line

Section 31 Township 32N Range 20E NMPM Colfax

County

10. Date Spudded 06/23/99 11. Date T.D. Reached 06/26/99 12. Date Compl. (Ready to Prod.) 09/22/99 13. Elevations (DF& R(B. RT, GR, etc.) 8110' (GR) 14. Elev. Casinghead 8109'

15. Total Depth 2379' 16. Plug Back T.D. 2374' 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By 19. Producing Interval(s), of this completion - Top, Bottom, Name 2285 - 2288; 2269 - 2273; 2248 - 2258; 2151 - 2155; 2097 - 2104 22. 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	24#	353'	11"	120 SKS	NONE
5 1/2	17#	2375'	7 7/8"	345 SKS	NONE

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8	2281	

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

2285 - 2288 4 SPF
2269 - 2273 4 SPF
2248 - 2258 2 SPF
2151 - 2155 4 SPF
2097 - 2104 4 SPF
48" DIA HOLES
92 TOTAL HOLES

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2097 - 2288	1000 GAL OF 7 1/2 hcl; 150,000 LBS. of 20/40; 50,000 lbs. of 16/30; 1,090,000 scf of N2 (70 quality foam)

28. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)					
09/22/99	30-N-095 PC PUMP	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	180	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
	7 PSI			TSTM	180		

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 - 2087' _____
T. Todilto _____	T. Trinidad - 2324' _____
T. Entrada _____	T. _____
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-6, meter station no. 'A-6' located in unit letter D, 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 Lalland

Title: **Facilities Engineer**

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

October 5, 1999

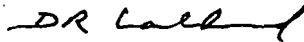
Mark Ashley
New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, NM 87505

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

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

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2. Name of Operator SONAT RATON, L.L.C.		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
3. Address of Operator P.O. Box 190; Raton, NM 87740		6. State Oil & Gas Lease No.
4. Well Location Unit Letter _____ D _____ : 1254 _____ feet from the _____ North _____ line and _____ 863 _____ West Line. Section 31 Township 32 N Range 20 E NMPM Colfax County		7. Lease Name or Unit Agreement Name:
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 8133'(GR)		8. Well No. VPR 'A' - 6
		9. Pool name or Wildcat

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.

6/24/99: RU Thornton Rig 1. Spud well at 9 am

6/25/99: Drill 11" hole to 364'. Run and set 8 5/8" 24# J55 surface casing at 352' Cement with 140 sx. Circ. 40 sx. to surface.

6/27/99: Encountered drilling problems from water flow at 1290'

6/28/99: RD Thornton. RU completion rig. Finish drilling 7 7/8" hole to 2315'.

6/25/99: Cement with 325 sx. Circ. 2 bbls. To surface.

6/30/99: Ran and set 5 1/2" 17# J-55 casing at 2375'. Cement with 345 sx. No circulation. 200 psi.lift.

7/08/99: Perf. Squeeze holes at 2300' Remedial cement with 230 sx.

7/10/99: Ran CBL. Found fair cement bond. TOC at 440 ft.

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 7/21/99

Type or print name Donald R. Lankford
Telephone No. (505)445-4620
This space for State Use

APPROVED BY Ry E. Johnson TITLE DISTRICT SUPERVISOR DATE 7/22/99