

1007 - 100



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. 30-007-20130
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	8. Well No. - 17	
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 <u>H</u> : <u>1427.31</u> feet from the <u>North</u> line and <u>930.40</u> feet from the <u>East</u> line Section <u>30</u> Township <u>32 N</u> Range <u>20 E</u> <u>NMPM Colfax</u> County		
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 8063'(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 checked="" 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 checked="" type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input 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.

07/18/99: MIRU Thornton Rig #1. Spud well at 10:30 P.M.
 07/19/99: Drill 11" hole to 364'. Ran and set 8-5/8", 23#, Wc-50 casing at 349'. Cement with 100 sx. Circ. 30 sx. to surface.
 07/20/99: Drill 7-7/8" hole to 2392'. Ran open hole logs.
 07/21/99: RDMO Thornton Rig #1. MIRU Completion Rig. Ran and set 5 1/2", 15.5#, M-50 casing at 2385'. Cement with 275 sx. Cement to surface as plug was bumped.
 08/13/99: Ran CBL. Found TOC at 360' 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 Putscher TITLE Petroleum Engr. Advisor DATE 9/1/99

Type or print name Noel Putscher Telephone No. (505) 445-4621

(This space for State use)

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

Conditions of approval, if any:

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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 type="checkbox"/>	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 recompletion.

Perforate 2267 - 2271 W/4 SPF.
 Fracture Treat perfs 2267 - 2271 W/50,000 lbs of sand.
 Set RBP @ 2245'.
 Perforate 2191 - 2195, 2209 - 2211, 2216 - 2218 W/4 SPF.
 Fracture Treat perfs 2191' - 2218 W/100,000 lbs. of sand.
 Set RBP @ 2120'.
 Perforate 2047 - 2051, 2078 - 2083 W/ SPF.
 Fracture treat perfs 2047 - 2083 W/82,000 lbs. of sand.
 Clean out to 2383'
 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 Donald R. 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

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OIL CONSERVATION DIVISION
 2040 South Pacheco
 Santa Fe, NM 87505

WELL API NO. 30-007-20130

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'

8. Well No. 17

2. Name of Operator
 SONAT RATON, LLC

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

9. Pool name or Wildcat

4. Well Location
 Unit Letter H : 1427 Feet From The NORTH Line and 930 Feet From The EAST Line
 Section 30 Township 32N Range 20E NMPM COLFAX County

10. Date Spudded 07/18/99	11. Date T.D. Reached 07/20/99	12. Date Compl. (Ready to Prod.) 09/22/99	13. Elevations (DF, RB, RT, GR, etc.) 8063' (GR)	14. Elev. Casinghead 8062' (GR)
15. Total Depth 2392'	16. Plug Back T.D. 2383'	17. If Multiple Compl. How Many Zones? Zones?	18. Intervals Drilled By Rotary Tools 0 - TD Cable Tools NONE	

19. Producing Interval(s), of this completion - Top, Bottom, Name
 2267'-2271'; 2209'-2211'; 2216'-2218'; 2191'-2195'
 2047'-2051'; 2078'-2083' VERMEJO COALS

20. Was Directional Survey Made
 NO

21. Type Electric and Other Logs Run
 INDUCTION LOG; COMPENSATED DENSITY 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	351'	11"	100	NONE
5 1/2"	15.50	2385'	7 7/8"	275	NONE

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	2272'	

26. Perforation record (interval, size, and number) 2267'-2271' 2047'-2051' SHOT 4 SPF 2209'-2211' 2078'-2083' .48" DIA. HOLES 2216'-2218' 80 HOES TOTAL 2191'-2195'	27. ACID, SIHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 2047'-2271' 1500 gals of 7 1/2 % HCL; 142,000 lbs of 20/40; 90,000 lbs of 16/30; 1,568,000 scf of N2. (70 quality foam)
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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) PRODUCING					
Date of Test 9/27/99	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF TSTM	Water - Bbl. 125	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure 7 psi	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF TSTM	Water - Bbl. 125	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
 USED FOR FUEL AND VENTED THE 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 DON 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-17, meter station no. 'A-17' located in unit letter H, Section 30, 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: DA Lamb

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