District II - (505) 748-1283

District III - (505) 334-6178

811 S. First

Artesia, NM 88210

Aztec, NM 87410 <u>District IV</u> - (505) 827-7131

1000 Rio Brazos Road

/306 Form C-142 Date 06/99

Oil Conservation Division 2040 South Pacheco Street

Santa Fe, New Mexico 87505

(505) 827-7131

0CT - 7 1999

SUBMIT ORIGINAL PLUS 2 COPIES TO THE SANTA FE OFFICE

APPLICATION FOR NEW WELL STATUS CONSERVATION DIVISION

Ogrator name & address SONAT RATON, LLC P.O. BOX 190 RATON, NEW MEXICO 87740 Contact Party DONALD R. LANKFORD Veeli Number (505)-445-4621 Phone (505)-445-4621 API Number 20 30-007-20119 UL Section Township Range Feet From The North/South Line Feet From The East/West Line County FEL COLFAX II. Date/Time Information Spud Date Spud Time Og/22/99 2:00 PM Date Completed Og/22/99 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 DA Lack Define Title Sr. Petroleum Engineer Date 10/05/99 SUBSCRIBED AND SWORN TO before me this 5th day of October 1999						
P.O. BOX 190 RATON, NEW MEXICO 87740 Contact Party DONALD R. LANKFORD Well Number API Number VERMEJO PARK RANCH (VPR 'A') UL Section Township Range Feet From The North/South Line Feet From The 844 A 31 32N 20E 711 Date/Time Information Spud Date Spud Time Date Completed 97/28/99 2:00 PM 09/22/99 UR. 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. V. 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 Windows Date Title Sr. Petroleum Engineer Date, 10/05/99						
RATON, NEW MEXICO 87740 Contact Party DONALD R. LANKFORD Phone (505)-445-4621 Property Name VERMEJO PARK RANCH (VPR 'A') UL Section Township Range Feet From The North/South Line FNL 844 A 31 32N 20E 711 Date/Time Information Spud Date Spud Time 2:00 PM 09/22/99 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 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 Lack 1 Title Sr. Petroleum Engineer Date 10/05/99 Title Sr. Petroleum Engineer Date 10/05/99						
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DONALD R. LANKFORD (505)-445-4621						
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Spud Date O7/28/99 Date Completed O9/22/99 Pool O9/22/99 O9/22/						
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Signature DR Cach Title Sr. Petroleum Engineer Date 10/05/99						
010						
010						
SUBSCRIBED AND SWORN TO before me this _5th day of _October						
SUBSCRIBED AND SWORN TO before me this _5th day of _October						
- Corona						
My Commission expires: Notary Public Notary Public						
My Commission expires: , 2023						
FOR OIL CONSERVATION DIVISION USE ONLY:						
A CERTIFICATION OF APPROVAL						
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.						
Hounes the Secretary of the Taxation and Nevenue Department of this Approval.						
Signature // / / Title Dr On a Date NOV 2 2 1999						
1/2, 1/2 // / / / / / / / / / / / / / / / /						
Many Many						
VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: 1/3/99						

NOTICE: The operator must notify all working interest owners of this New Well certification.

Submit 3 Copies To Appropriate District Office	State of New Me		Form C-103	
District I 1625 N. French Dr., Hobbs, NM 87240 District II	டிergy, Minerals and Natu		Revised March 25, 1999 WELL API NO. 30-007-20119	
811 South First, Artesia, NM 87210	OIL CONSERVATION		5. Indicate Type of Lease	
<u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410	2040 South Pack	neco	STATE FEE	
District IV	Santa Fe, NM 87	7505	6. State Oil & Gas Lease No.	
2040 South Pacheco, Santa Fe, NM 87505		·		
SUNDRY NOTICE (DO NOT USE THIS FORM FOR PROPOSAL DIFFERENT RESERVOIR. USE "APPLICAT PROPOSALS.) 1. Type of Well:	S AND REPORTS ON WELLS S TO DRILL OR TO DEEPEN OR PLUTION FOR PERMIT" (FORM C-101) FOR	UG BACK TO A	7. Lease Name or Unit Agreement Name: VPR 'A'	
Oil Well Gas Well G	Other Coalbed Methane			
2. Name of Operator SONAT F	RATON, L.L.C.		8. Weil No 20	
3. Address of Operator			9. Pool name or Wildcat	
	190; Raton, NM 87740			
4. Well Location				
Unit Letter A :	711.02 feet from the	North	line and 843.66 feet from	
theEastline	<u> </u>			
Section 31	Township 32 N	Range 20 E	NMPM Colfax	
County	10 51 (61 1	n nun nm an	241 2	
	10. Elevation (Show whether Di 8132'(GR)		The second secon	
	propriate Box to Indicate N	•	-	
NOTICE OF <u>IN</u> TE	_		SEQUENT <u>R</u> EPORT OF:	
PERFORM REMEDIAL WORK F	PLUG AND ABANDON 🔲	REMEDIAL WOR	K ALTERING CASING	
TEMPORARILY ABANDON 🔲 (COMMENCE DRI	LLING OPNS. PLUG AND	
I LIMITORANILI ADAMOUN L. L.	CHANGE PLANS			
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PULL OR ALTER CASING .	MULTIPLE	CASING TEST A		
PULL OR ALTER CASING OTHER:	MULTIPLE COMPLETION	CASING TEST AND CEMENT JOB	ND	
PULL OR ALTER CASING OTHER: 12. Describe proposed or completed	MULTIPLE COMPLETION operations. (Clearly state all per	CASING TEST AND CEMENT JOB OTHER: rtinent details, and g		
OTHER: 12. Describe proposed or completed of starting any proposed work). So or recompilation.	MULTIPLE COMPLETION operations. (Clearly state all per SEE RULE 1103. For Multiple C	CASING TEST AND CEMENT JOB OTHER: rtinent details, and graph completions: Attack	give pertinent dates, including estimated date h wellbore diagram of proposed completion	
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Submit 3 Copies To Appropriate District Office	State of New		Form C-103 Revised March 25, 1999	
District I 1625 N. French Dr., Hobbs, NM 87240 District II	Energy, Minerals and Natural Resources		WELL APENO.	
811 South First, Artesia, NM 87210 District III	OIL CONSERVATION DIVISION		30-007-20119 5. Indicate Type of Lease	
1000 Rio Brazos Rd., Aztec, NM 87410	2040 South Pacheco Santa Fe, NM 87505		STATE 🗆 FEE 💌	
District IV 2040 South Pacheco, Santa Fe, NM 87505	State 10, 141	VI 07505	6. State Oil & Gas Lease No.	
SUNDRY NOTION OF THIS FORM FOR PROPOSE DIFFERENT RESERVOIR. USE "APPLIC PROPOSALS.) 1. Type of Well: Oil Well Gas Well	ATION FOR PERMIT" (FORM C-1	OR PLUG BACK TO A 01) FOR SUCH	7. Lease Name or Unit Agreement Name: VPR 'A'	
2. Name of Operator			8. Well No 20	
3. Address of Operator	Γ RATON, L.L.C.		9. Pool name or Wildcat	
P.O. B 4. Well Location	ox 190; Raton, NM 87740			
		theNorth	line and 843.66 feet from	
Section 31 County	Township 32 N	Range 20	E NMPM Colfax	
	10. Elevation (Show wheth 8132'(GR)	<u> </u>		
	ppropriate Box to Indicat		•	
NOTICE OF IN PERFORM REMEDIAL WORK □			BSEQUENT REPORT OF: ORK ALTERING CASING D	
TEMPORARILY ABANDON	CHANGE PLANS	COMMENCE D	RILLING OPNS. PLUG AND ABANDONMENT	
PULL OR ALTER CASING	MULTIPLE COMPLETION	CASING TEST CEMENT JOB		
OTHER:		OTHER:	COMPLETION	
			d give pertinent dates, including estimated date ach wellbore diagram of proposed completion	
Perforate casing 2275 – 2279, 2 Set RBP @ 2220'. Perforate casing 2197 – 2206 V Set RBP @ 2150' Perforate casing 2085 – 2089, 2 Clean out casing to 2480'.	V/4 SPF. Frac 2197 – 2206 W	7/50,000 lbs of sand.		
Run production equipment (PC	Pump).			
I hereby certify that the information				
SIGNATURE Do to the sel h	, Place Jumery TIT	LE_Sr. Petroleum E	ngineerDATE09/30/99	
Type or print name Donald R. I	Lankford /	· -	Telephone No. (505)445-4621	
(This space for State use) APPPROVED BY Conditions of approval, if any	Jan III	LE DISTRICT S	SUPERVISOR DATE 9/30/99	

Submit To Appropriate District Office State of New Mexico Form C-10 State Lease - 6 copies Fee Lease - 5 copies Energy, Minerals and Natural Resources Revised March 25, 199 District I WELL API NO. 30-007-20119 1625 N. French Dr., Hobbs, NM 87240 District II OIL CONSERVATION DIVISION 811 South First, Artesia, NM 87210 5. Indicate Type of Lease District III 2040 South Pacheco STATE | FEE 1000 Rio Brazos Rd., Aztec, NM 87410 Santa Fe, NM 87505 District IV State Oil & Gas Lease No. 2040 South Pacheco, Santa Fe, NM 87505 WELL COMPLETION OR RECOMPLETION REPORT AND LOG Lease Name or Unit Agreement Name OIL WELL GAS WELL DRY OTHER COALBED METHANE VPR 'A' b. Type of Completion: NEW WELL WORK DEEPEN PLUG OTHER 2. Name of Operator 8. Well No. 20 SONAT RATON, LLC 3. Address of Operator 9. Pool name or Wildcat P.O. BOX 190, RATON, NM 87740 4. Well Location Unit Letter A : 711' Feet From The NORTH Line and 844' Feet From The __EAST Line Township 32N Range 2013 **NMPM** COLFAX County 12. Date Compl. (Ready to Prod.) 10. Date Spudded 11. Date T.D. Reached 13. Elevations (DF, RB, RT, GR, etc.) 14. Elev. Casinghead 07/28/99 08/01/99 09/22/99 8132' (GR) 8131' (GR) 17. If Multiple Compl. How Many 15. Total Depth 16. Plug Back T.D. 18. Intervals **Rotary Tools** Cable Tools 2480' 2419 Zones? Drilled By 0 - TD NONE 19. Producing Interval(s), of this completion - Top, Bottom, Name 20. Was Directional Survey Made 2244'-2252'; 2275'-2279'; 2197'-2206'; 2085'-2089'; 2091'-2095'; 2097'-2102' **VERMEJO COALS** 22. Was Well Cored 21. Type Electric and Other Logs Run INDUCTION LOG; COMPENSATED DENSITY LOG; CBL; DIRECTIONAL LOG NO CASING RECORD (Report all strings set in well) WEIGHT LB./FT. DEPTH SET HOLE SIZE CEMENTING RECORD CASING SIZE AMOUNT PULLED 8 5/8" 23 351' 11" 100 NONE 5 1/2" 15.50 2420' 7 7/8" 320 NONE TUBING RECORD LINER RECORD 25. 24. BOTTOM **DEPTH SET** PACKER SET SIZE TOP SACKS CEMENT | SCREEN SIZE 2 7/8" 2297 26. Perforation record (interval, size, and number) 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. SHOT 4 SPF 2244'-2252' 2091'-2095' AMOUNT AND KIND MATERIAL USED DEPTH INTERVAL 2275'-2279' 2097'-2109' 52" DIA. HOLES 2276'-2500' 1000 gals of 15 % HCL; 99,000 lbs of 20/40; 2197'-2206' 136 HOLES TOTAL 55,000 lbs 0f 16/30; 1,184,000 scf of N2. 2085'-2089' (70 quality foam) **PRODUCTION** Production Method (Flowing, gas lift, pumping - Size and type pump) 30-N-095 PC PUMP Date First Production Well Status (Prod. or Shut-in) PRODUCING 10/01/99 Gas - MCF Hours Tested Choke Size Prod'n For Oil - Bbl Water - Bbl. Gas - Oil Ratio Date of Test Test Period **TSTM** 9/25/99 Calculated 24-Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API - (Corr.) Flow Tubing Casing Pressure Press. 7 psi Hour Rate **TSTM** 461 29. Disposition of Gas (Sold, used for fuel, vented, etc.) Test Witnessed By LARRY CASEY **USED FOR FUEL AND VENTED THE N2** 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 Printed Wal Shume DON LANKFORD Signature Name 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 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 teconducted, 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.

Southeastern New Mexico			IMMINCE WIT	ANCE WITH GEOGRAPHICAL SECTION OF STA					
			T. O. A.	Northwestern New Mexico					
T. Canyon T. Canyon		T. Ojo Alamo T. Kirtland-Fruitland			T. Penn. "B" T. Penn. "C"				
T. Salt T. Strawn		T Atales	I. Kirtian	a-rruitie a cuiec-	ana	T. Penn. "C"			
T. Yates T. Miss T. 7 Rivers T. Devonian T. Queen T. Silurian		T. Atoka	T. Pictured Cliffs T. Cliff House T. Menefee			T. Penn. "D"			
		T. Miss	T Monet	ouse		T. Leadville			
			T. Devonian	T Point I	ookout		T. Elbert		
			T. Silurian	T Manco	OOKOUL_	•			
T. Gray	ourg		T. Montoya	T. Manco	s		T Ignacio Otate		
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No. 1, No. 2,	from from	rate of water	IMPORTA er inflow and elevation to whic tototo LITHOLOGY RECO	ANT WATER S	SANDS ole.	feet feet feet feet if n Thickness	ecessary)		
No. 1, No. 2, No. 3,	from from from	rate of wat	IMPORTA er inflow and elevation to whictoto	NT WATER S h water rose in he	SANDS ole. ditiona	feet feet feet l sheet if n			
No. 1, No. 2, No. 3,	from from from	rate of water	IMPORTA er inflow and elevation to whic tototo LITHOLOGY RECO	NT WATER S h water rose in he	SANDS ole. ditiona	feet feet feet l sheet if n Thickness In Feet	ecessary)		
No. 1, No. 2, No. 3,	from from from	rate of water	IMPORTA er inflow and elevation to whic tototo LITHOLOGY RECO	NT WATER S h water rose in he	SANDS ole. ditiona	feet feet feet l sheet if n Thickness In Feet	ecessary)		
No. 1, No. 2, No. 3,	from from from	rate of water	IMPORTA er inflow and elevation to whic tototo LITHOLOGY RECO	NT WATER S h water rose in he	SANDS ole. ditiona	feet feet feet l sheet if n Thickness In Feet	ecessary)		

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-20, meter station no. 'A-20' located in unit letter O, 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 Land

Title: Facilities Engineer

• Page 1

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	State of New Me Energy, Minerals and Natu			Form C-103 Revised March 25, 1999
1625 N. French Dr., Hobbs, NM 87240 District II		WELL API NO.		
811 South First, Artesia, NM 87210	OIL CONSERVATION	30-007-20119 5. Indicate Type of	of Lease	
<u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410	2040 South Pach		STATE C	
District IV 2040 South Pacheco, Santa Fe, NM 87505	Santa Fe, NM 87505		6. State Oil & G	
(DO NOT USE THIS FORM FOR PROPO	ICES AND REPORTS ON WELLS SALS TO DRILL OR TO DEEPEN OR PLU CATION FOR PERMIT* (FORM C-101) FO Other Coalbed Methane	JG BACK TO A	7. Lease Name or VPR 'A'	Unit Agreement Name:
2. Name of Operator	T RATON, L.L.C.		8. Well No 2	0
3. Address of Operator	Box 190; Raton, NM 87740		9. Pool name or V	Vildcat
4. Well Location	30x 170, Rawii, 11101 07740			
the East line	-	North	_	
Section 31 County	Township 32 N	Range 20 E	NMP)	M Colfax
	10. Elevation (Show whether DR 8132'(GR)	R, RKB, RT, GR, etc.)	
11. Check A	Appropriate Box to Indicate Na	ture of Notice, F	Report or Other	Data
NOTICE OF IN			SÉQUENT REI	
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK		ALTERING CASING
TEMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRIL	LING OPNS.	PLUG AND ABANDONMENT
PULL OR ALTER CASING	MULTIPLE COMPLETION	CASING TEST AN CEMENT JOB	D	
OTHER:		OTHER:		
of starting any proposed work or recompilation. 07/28/99: MIRU Thornton R 07/29/99: Drill 11" hole to 3 07/30/99: T.D. 7-7/8" hole @ 07/31/99: RDMO Thornton i	Rig #2. MIRU Completion Rig. Rar 15.5#, M-50 casing at 2419". Cemen	Completions: Attach O casing at 351'. n open hole logs.	wellbore diagram	including estimated date of proposed completion
I hereby certify that the information	n above is true and complete to the b	') ' '		
SIGNATURE //orl	TITLE)	Petroleum En	gr. Advisor	DATE_ <u>9/1/99</u>
Type or print name Noel Putso	her		Telephone No.	(505)445-4621
APPPROVED BY Conditions of approval, if any:	7 feter TITLE C	DISTRICT SU	PERVISOR	DATE 9/2/99