	New Mexi			1295 Form C-142	
District 1 505) 393-6161 1625 N. French Dr Energy Miner	als and Natural)enartment	Date 06/99	
Hobbs, NM 88241-1980	Dil Conservation			SUBMIT ORIGINAL	
811 S. First Artesia, NM 88210	2040 South Pachec		D <u>EGEI</u>	U U PLUS 2 COPIES	
<u>District III</u> - (505) 334-6178 1000 Rio Brazos Road	Santa Fe, New Mexi	G 3		OFFICE	
Aztec, NM 87410 <u>District IV</u> - (505) 827-7131	(505) 827-71	31	U OCT - 7	1999	
ΔΡΡ	LICATION FOR NEV				
I. Operator and Well					
Operator name & address			OGRIDN		
SONAT RATON, LLC P.O. BOX 190			180514		
RATON, NEW MEXICO 87740				1	
Contact Party DONALD R. LANKFORD			Phone (505)-44	5-4621	
Property Name		Well Numbe	er API Numi	ber	
VERMEJO PARK RANCH (VPR 'A') UL Section Township Range Feet From The	e North/South Line	09 Feet From The	30-007- East/West Line	20123 County	
L 01 31N 19E 1979	South	368	West	COLFAX	
	Completed Pool	·	. <u></u> .	· · · · · · · · · · · · · · · · · · ·	
07/29/99 3:00 PM 09/2	2/99	ing doto/time o	f drilling commo	pood and Form C 105 or	
Federal Form 3160-4 showing well wa			r unling comme	nced and Form C-105 of	
IV. Attach a list of all working interest ownV. AFFIDAVIT:	ers with their percen	tage interests.			
State of <u>New Mexico</u> ss.)		l		
County of <u>Colfax</u>)					
, being first duly sworr	unon oath states.				
				1	
1. I am the Operator, or authorize 2. To the best of my knowledge,				renced well.	
			C CI.		
Signature _DR Lall	Title Sr. Petrole	eum Engineer		Date	
			:	110, 12:	
SUBSCRIBED AND SWORN TO before me th	is <u>5th</u> day of	Oct	_, 99		
	C	arry	n 00	mar	
My Commission anning Alme 1	, 200 Notary PL	ıblic			
				· · · · · · · · · · · · · · · · · · ·	
FOR OIL CONSERVATION DIVISION USE OF	NLY:				
VI. CERTIFICATION OF APPROVAL:				:	
This Application is hereby approved and to notifies the Secretary of the Taxation and			a New Well. By a	copy hereof, the Division	
	Title		<u> </u>	Date	
Signature	PEQ	hod		Date NOV 2 2 1999	
- pave now f	¥				
VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: $11/22/99$					
				· [· · · · ·	
NOTICE: The operator must notify all v	working interest o	wners of this	s New Well ce	rtification.	
		,			

PVZV200693	4233
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Submit 3 Copies To Appropriate District	State of New Me	viao	•	Earry O 1
Office	Energy, Minerals and Natur			Form C-1 Revised March 25, 1
District I 1625 N. French Dr., Hobbs, NM 87240	Energy, Winerals and Natur	ai Resources	WELL API NO.	Keviseu Mateli 23, 1
District II	OIL CONSERVATION	DIVISION	30-007-2012	
811 South First, Artesia, NM 87210 District III	2040 South Pach		5. Indicate Type	of Lease
1000 Rio Brazos Rd., Aztec, NM 87410			STATE [J FEE 🛄
District IV 2040 South Pacheco, Santa Fe, NM 87505	Santa Fe, NM 87	303	6. State Oil & O	as Lease No.
SUNDRY NOTIC	ES AND REPORTS ON WELLS		7 Lease Name of	Unit Agreement Nan
(DO NOT USE THIS FORM FOR PROPOSA DIFFERENT RESERVOIR. USE "APPLICA PROPOSALS.) 1. Type of Well: Oil Well □ Gas Well □	ALS TO DRILL OR TO DEEPEN OR PLU		VPR	
2. Name of Operator	· · · · · · · · · · · · · · · · · · ·		8. Well No. – 0	9
3. Address of Operator	'RATON, L.L.C.	<u> </u>	9. Pool name or V	Vildoot
	ox 190; Raton, NM 87740		VERMEJO/RAT	
4. Well Location		·····		1
Unit LetterL: Westline	_1979feet from theSo	outh line an	ıd368	_feet from the
Section 1	Township 31 N	Range 19 E	. NMPN	1 Colfax
County	10. Elevation (Show whether DR	DEVE DT CP at		
	10. Elevation (Show whether Dr. 8198'(GR)	, KKD, KI, UK, ek		
11. Check At	ppropriate Box to Indicate Na	ture of Notice.	Report or Other	Data
NOTICE OF INT			SEQUENT RE	
		REMEDIAL WOR		ALTERING CASING
TEMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRI	·	PLUG AND ABANDONMENT
	COMPLETION	CEMENT JOB		
OTHER:		OTHER:		-
12. Describe proposed or complete of starting any proposed work). or recompilation.	d operations. (Clearly state all per SEE RULE 1103. For Multiple C	tinent details, and g completions: Attac	ive pertinent dates, h wellbore diagram	including estimated d of proposed completi
07/29/99: MIRU Pense Rig #8.	Surf casing info Drilled 11" hol	le to 360', set		
8 5/8 @ 353' cement v	with 100 sks midion 2 w/5# GIL &			
Flor Spud well 3:00 p				
07/30/99: Drill 7 7/8 hole to 230 07/31/99: Drill to TD @ 2520'.				
	k Set 5 ½, 15.5#, MV-50, & set @	2369'		
Cement w/300 sx., cer	nent to surface but broke back.			
с.	7			
	above in two and appropriate to the		loo and halist	
I hereby certify that the information	above is true and complete to the l	best of my knowled	ige and belief.	-1.1.
SIGNATURE MICHAN	For DRC Title: Senior Petrol	eum Engineer		DATE 8/3/9
Type or print name Donald R. La	ankford		Tele	ephone No. 505-445-4
(This space for State use)				
12 51	Г	DISTRICT SI	UPERVISOR	alala
APPPROVED BY Conditions of approval, if any:	TITLE M			
Conditions of approval, it quy.				•

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Submit 3 Copies To Appropriate District Office	State of New	v Mexico	Form C
District I	Energy, Minerals and	Natural Resources	Revised March 2:
1625 N. French Dr., Hobbs, NM 87240 District II			WELL API NO. 30-007
811 South First, Artesia, NM 87210	OIL CONSERVAT		5. Indicate Type of Lease
District III 1000 Rio Brazos Rd., Aztec, NM 87410	2040 South		STATE STATE
District IV 2040 South Pacheco, Santa Fe, NM 87505	Santa Fe, NI	M 87505	6. State Oil & Gas Lease No.
SUNDRY NOT (DO NOT USE THIS FORM FOR PROPO DIFFERENT RESERVOIR. USE "APPLI PROPOSALS.)		OR PLUG BACK TO A	7. Lease Name or Unit Agreement N VPR 'A'
1. Type of Well: Oil Well 🖾 Gas Well	Other Coalbed Metha	n o	
2. Name of Operator			8. Well No 09
	T RATON, L.L.C.		
3. Address of Operator	Box 190; Raton, NM 87740		9. Pool name or Wildcat
4. Well Location	JUX 190, IKatoli, 14141 07740		
			1
	979 feet from the	South line and _	368feet from the _West_
line			1
Section 1	Township 31 N	Range 19 E	NMPM Colfax
County	10 Elevation (Show what	han DD DVD DT CD	
	10. Elevation (Show wheth 8275'(GR)	ier DR, KKB, KI, GR, e	<i>(C.)</i>
11. Check A	Appropriate Box to Indica	te Nature of Notice.	, Report or Other Data
	ITENTION TO:		BSEQUENT REPORT OF:
PERFORM REMEDIAL WORK	J PLUG AND ABANDON	REMEDIAL WO	RK 🔲 ALTERING CASI
	CHANGE PLANS		RILLING OPNS. PLUG AND ABANDONMENT
PULL OR ALTER CASING	I MULTIPLE	CASING TEST A	
OTHER:] OTHER:	COMPLETION
of starting any proposed work or recompilation. Perforated casing, 1378 – 1382,		tiple Completions: Atta	give pertinent dates, including estimate the wellbore diagram of proposed compl
Set RBF @ 1340'. Perforated casing 1300 – 1304.	1286 - 1290 W/4 SPF and frac'd W/5	2,000 lbs of sand	and the second
Set RBF @ 1170'			
Set RBF @ 1105	1113 - 1118 W/4 SPF and frac'd W/7	8,000 lbs of sand.	
	W/4 SPF and frac'd W/80,000 lbs of s	and	
Perforated casing 1086 - 1091			
Perforated casing 1086 – 1091 Set RBP @ 1060. Perforated casing 1032 – 1036	W/4 SPF and frac'd W/29,000 lbs of s		
Perforated casing 1086 – 1091 Set RBP @ 1060. Perforated casing 1032 – 1036 Clean out to 1750' Run production equipment (PC	C Pump)	sand.	· · · ·
Perforated casing 1086 – 1091 Set RBP @ 1060. Perforated casing 1032 – 1036 Clean out to 1750' Run production equipment (PC BJ Services mixed and pumped	C Pump) 38 sk PLHS plus additives down the a	annulus.	adre and helief
Perforated casing 1086 - 1091 Set RBP @ 1060. Perforated casing 1032 - 1036 Clean out to 1750' Run production equipment (PC BJ Services mixed and pumped I hereby certify that the information	Pump) 38 sk PLHS plus additives down the a on above is true and complete t	annulus.	edge and belief.
Perforated casing 1086 - 1091 Set RBP @ 1060. Perforated casing 1032 - 1036 Clean out to 1750' Run production equipment (PC BJ Services mixed and pumped I hereby certify that the information SIGNATURE	Pump) 38 sk PLHS plus additives down the a on above is true and complete t	annulus.	gineerDATE09/30/99
Perforated casing 1086 - 1091 Set RBP @ 1060. Perforated casing 1032 - 1036 Clean out to 1750' Run production equipment (PC BJ Services mixed and pumped I hereby certify that the informatic SIGNATURE	Pump) 38 sk PLHS plus additives down the a on above is true and complete t	annulus. to the best of my knowle	-
Perforated casing 1086 - 1091 Set RBP @ 1060. Perforated casing 1032 - 1036 Clean out to 1750' Run production equipment (PC BJ Services mixed and pumped I hereby certify that the information SIGNATURE	Pump) 38 sk PLHS plus additives down the a on above is true and complete t TIT Lankford	annulus. to the best of my knowle TLE_Sr. Petroleum En	ngineerDATE09/30/99 Telephone No.(505) 445-4621
Perforated casing 1086 - 1091 Set RBP @ 1060. Perforated casing 1032 - 1036 Clean out to 1750' Run production equipment (PC BJ Services mixed and pumped I hereby certify that the informatic SIGNATURE	Pump) 38 sk PLHS plus additives down the a on above is true and complete t TIT Lankford	annulus. to the best of my knowle	ngineerDATE09/30/99 Telephone No.(505) 445-4621
Perforated casing 1086 - 1091 Set RBP @ 1060. Perforated casing 1032 - 1036 Clean out to 1750' Run production equipment (PC BJ Services mixed and pumped I hereby certify that the information SIGNATURE	Pump) 38 sk PLHS plus additives down the a on above is true and complete t TIT Lankford	annulus. to the best of my knowle TLE_Sr. Petroleum En	ngineerDATE09/30/99 Telephone No.(505) 445-4621

Submit To, Appropriate State Lease - 6 copies Fee Lease - 5 copies District I		Energy,	State of New N Minerals and Na		Г	WELL API	NO.	Form C-105 Revised March 25, 1999
1625 N. French Dr., Ho District II 811 South First, Artesia District III 1000 Rio Brazos Rd., A District IV 2040 South Pacheco, Sa	, NM 87210 ztec, NM 87410 inta Fe, NM 87505		ONSERVATIO 2040 South Pa Santa Fe, NM	acheco 87505		5. Indicate 7	30-007- Type of Leas TE FI	e EE m
WELL CO	MPLETION C	OR RECOMP	LETION REPO	RT AND LOG				
	tion: WORK					7. Lease Nan	ne or Unit Agre	ement Name
2. Name of Operator		PEN BACK		OTHER			09	
	AT RATON, L.	L.C.		<u></u>		8. Well No.		
3. Address of Operat P.O. B	or OX 190: RATON, 1	NM 87740				9. Pool name or	Wildcat	
4. Well Location								
Unit Letter	L_:1979_	Feet From	n TheSouth	Line and36	8	Feet From The	West	Line
Section County	01	Township	31N	Range 19E				NMPM Colfax
10. Date Spudded 07/29/99	11. Date T.D. Reach 07/31/99	red 12. Date C	compl. (Ready to Prod.)	13. Elevation: 8274' (GR)	(DF&	: R(B. RT, GR, e		Elev. Casinghead 8273'
15. Total Depth 2520'	16. Plug Bac 2368'	cT.D. 17.	If Multiple Compl. How Zones?			Rotary Tools		Cable Tools
19. Producing Interv 1378 – 1382; 1346 – 1113- 1118; 1086 –	1350; 1300 - 1304;	tion - Top, Bottom, 1286 – 1290; 1127	- 1131;	COALS		2	0. Was Direct NO	ional Survey Made
21. Type Electric an	d Other Logs Run	_				22. Was Well NO	Cored	
CDL; Induction Log 23.	g; CBL	C	ASING RECO	PD (Report all	strin	as set in w	ما1)	
ZJ. CASING SIZE	WEIGHT	the second s	DEPTH SET	HOLE SIZE	Sum	CEMENTING		AMOUNT PULLED
8 5/8	2		353'	11"		100 S		NONE
5 1/2	15.	50#	2369'	7 7/8"		<u>300 S</u>	KS	NONE
						· · · · · · · · · · · · · · · · · · ·		
				· · · · · · · · · · · · · · · · · · ·				
24.	L	<u></u>	NER RECORD	<u>I</u>	25.	<u> </u>	UBING RECO	ORD
SIZE	ТОР	BOTTOM	SACKS CEMENT	SCREEN	SIZ		DEPTH SET	
		.*			27	7/8	1406	
	cord (interval, size, a - 1350; 1300 - 1304		4 SPF .48 dia.	27. ACID, SHO				
	- 1118; 1086 - 1091		i iloitoa	DEPTH INTERVA 1032 - 1382	<u></u>			TERIAL USED cl; 160,000 lbs of 20/40;
* . *				1052 1502		131,000 lbs		101, 100,000 103 01 20/40,
) quality foam)
28			PR	ODUCTION		· · · · · · · · · · · · · · · · · · ·		
Date First Productio			Flowing, gas lift, pump	ing - Size and type pur	ф)		(Prod. or Shut-i	in
10/01/99 Date of Test	Hours Tested	O-N-095 PC PUM Choke Size	Prod'n For	Oil - Bbl	Ga	<u>PROD.</u> s – MCF	Water - Bbl.	Gas - Oil Ratio
09/23/99	24		Test Period		TS	ГМ	88	
Flow Tubing Press.	Casing Pressure 7 PSI	Calculated 24- Hour Rate	Oil - Bbl.	Gas - MCF TSTM		Water - Bbl. 88	Oil Grav	vity - API - <i>(Corr.)</i>
29. Disposition of C r fuel, vented, etc.) Used for fuel of	as <i>(Sold, used fo</i> or vented N2			6	<u>#</u>		Test Witnessed LARRY CASE	By SY
30. List Attachment		··· <u>·</u> ·····		·			<u> </u>	
31 .I hereby certij	y that the informa	ion shown on bot	h sides of this form a	s true and complete	to the	best of my kno	wledge and b	elief
Signature			Printed Name	1	ïtle			Date
DRLat	stand 1	Donald	R. Lankford	Q. 1	etrol	eum Enginee	•	09/30/99
L	<u>4</u>			01.1		Cam Engineer	· · · · · · · · · · · · · · · · · · · ·	

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 Northwestern New Mexico

Sali T. Strawn T. Kitland-Fruitland T. Penn, "C" Sali T. Atoka T. Pricured Cliffs T. Benn, "C" Yates T. Mation T. Print Lockout T. Badville Ouen T. Silviran T. Print Lockout T. Blert Ouen T. Silviran T. Print Lockout T. Blert Correta T. Mation T. Print Lockout T. Blert Correta T. Silviran T. Point Lockout T. Blert Correta T. Mation T. Point Lockout T. Blert Correta T. Silviran T. Callap T. MacCacken T. Bunchyy T. Or. Wash T. Correten T. Baccine T. Bunchyy T. Or. Wash T. Morrison T. Trinidad - 2340° T. Nota T. Orinida T. Chale T. T. Nota T. T. Penn "A" T. OIL OR CAS Sahn Sahn Sahn Sahn Sahn T. Ober Strage T. Penn "A" T. T. OIL OR CAS Sahn Sahn Sahn Sahn Sahn Sahn No. 1, from	T. Anhy			T. Canyon	T. Ojo Ala	mo		T. Penn. "B"
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I. Grayburg	$T \cap \mathbf{X}$	- C15		T. Devolual	T. Menere T. Point L	T. Point Lookout		T. Madison
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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.
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Representative: DR Lach

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,

DR Lall

Don Lankford