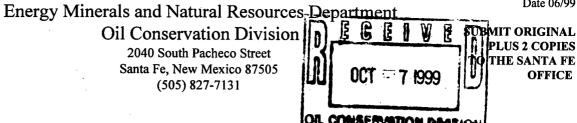
New Mexico

1290 Form C-142 Date 06/99

Oil Conservation Division

2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131



APPLICATION FOR NEW WELL STATUS

l.	Operator	and Wel	l									
Operato	r name & add		11.0							<u> </u>	OGRID N	3
	P.O. BO	RATON X 190	, LLC								180514	1,
		, NEW M	IEXICO	87740					,			
Contact	•	LD R. LA	NKEUD	D					·		Phone	E 4604
Property		LD K. LA	INKFOR						Well Number	er	(505)-44 API Numl	
VERM	EJO PARK								02		30-007-	
C		ownship 31N	Range 20E	Feet Fr 577	om The	North/Souti	n Line	Feet 159:	From The	East/\	Vest Line	County
II.	Date/Tim		!			NORTH		100	<u> </u>	VVLC		OOLI AX
Spud Da		, ,	Time		Date Con		Pool			-	•	
06/12/9 III.			0 AM	03 or F	09/22/9		5 show	wing c	tate/time o	f drillin	n comme	nced and Form C-105 or
111.						ompleted a				r Grilling	g comme	niced and Form C-105 of
IV.	Attach a l	ist of all				with their p						
V	AFFIDAV	<u>'IT:</u>	· · · · · ·									
	State of I	New Mex	rico			1						·
	Otate or _	INCW WICZ	100		SS.						1 -	
i	County of	f Colfax)							·
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		, '	being fire	st duly	sworn, u	pon oath st	ales.					
	1. I	am the C	Operator	, or aut	horized r	epresentat	ive of	the O	perator, of	the ab	ove-refe	renced well.
Ī	2. T	o the be	st of my	knowle	dge, this	application	n is co	mple	te and corr	ect.		,
Signati	ure _D	R La	20	1		Title Sr. F	etrole	um F	naineeer			Date 10/05/99
Signati	ule	~ ~		7		Title Of. 1	Cuoic	uiii L	ngmeeer_			Date 10/05/39
												1/20
SUBS	CRIBED AN	ND SWO	RN TO	before	me this _	5th d	ay of	Octo	ber		_ ¹⁹⁹⁹ _	•
								1/L	New	\mathcal{L}^{ζ}	Con	nar
				0 1	3 44	, Not	ary Pi	ublic				
My Co	mmission e	expires:	xur	<u></u>	200	<u> </u>			_//_			
FOR C	OIL CONSE	RVAT(N DIVIS	ION U	SE ONLY	′ :						· · · · · · · · · · · · · · · · · · ·
VI.	CERTIFIC	CATION		DOM.	•							
VI.	This Applie	cation is h	nereby ap	proved	and the a	bove-refere enue Depar				a New	Well. By	copy hereof, the Division
Signatur	e. /	1 1	1 1			Title ^					I	Date
	Mu	hb	hlm	,		P.E.	D	Lec	-,			NOV 2 2 1999
VII.	DATE OF	NOTIFIC	ATION T	O THE	SECRETA	ARY OF THE	TAX/	ATION	I AND REVE	ENUE [DEPARTM	ENT: 11/22/99

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

Office Office	State of New Me			Form C-	
District !	Energy, Minerals and Natu	ral Resources		Revised March 25.	1999
1625 N. French Dr., Hobbs, NM 87240			WELL API NO.		
<u>District II</u> 811 South First, Artesia, NM 87210	OIL CONSERVATION	I DIVISION	30-007-20111	- 	
District III	2040 South Pac	heco	5. Indicate Type of		
1000 Rio Brazos Rd., Aztec, NM 87410 District IV	Santa Fe, NM 8	7505	STATE C		
2040 South Pacheco, Santa Fe, NM 87505	•		6. State Oil & G	as Lease No.	
SUNDRY NOTICES (DO NOT USE THIS FORM FOR PROPOSALS DIFFERENT RESERVOIR. USE "APPLICATI PROPOSALS.) 1. Type of Well: Oil Well Gas Well		UG BACK TO A	7. Lease Name or	Unit Agreement Na	me:
2. Name of Operator	Other Coalord Mediane		8. Well No. VPR	'A' - 2	
· •	ATON, L.L.C.			· · · · -	
3. Address of Operator			9. Pool name or V	Vildcat	
	190; Raton, NM 87740				
4. Well Location					
	feet from the	North line	and1593	feet from the	.
Westline	,			•	
Section 6	Township 31 N	Range 20 E	NMPM	I Colfax Co	unty
	D. Elevation (Show whether D.			Collax	mity
	8051'(GR)_				
11. Check Appr	opriate Box to Indicate N	ature of Notice, R	eport or Other I	Data	
NOTICE OF INTE		1	EQUENT REF		
PERFORM REMEDIAL WORK PI		REMEDIAL WORK		ALTERING CASIN	G □
		ļ			
TEMPORARILY ABANDON C	HANGE PLANS	COMMENCE DRIL	LING OPNS. 🌃	PLUG AND	
	ULTIPLE OMPLETION	CASING TEST AND		ABANDONMENT	
OTUED.			•		
OTHER:		OTHER:	· — · · · · · · ·	 	
 Describe proposed or completed of starting any proposed work). SI or recompilation. 					
6/13/99: RU Thornton Rig 1. Sp Run and set 8 5/8" 24" J Cement with 141 sx. Cir	55 surface casing at 349'	to 368.'			
6/15/99: Drill 7 7/8" hole at 2370	Ran open hole logs. RD Th	nornton .			
RU Completion rig. Rai	n and set 5 1/2" 17# J-55 casing				
	c. Gray water to surface.		•		
6/17/99 Ran CBL. Showed good	d bond throughout with TOC at	190'.			
I hereby certify that the information about	ove is true and complete to the	best of my knowledge	e and belief.		
NOVE THE TO I all		0. 0. 1. 5. 1			
SIGNATURE DATE 7/21/99	7IIILE_	_SrPetroleum_Engi	neer		_
Type or print name This space for State use	. 0		Telep	hone No.(505)445-4	620
	1//	Piloshiki Con s	to make at the area and		7
APPPROVED BY 5 Conditions of approval, if any;	oftun TITLE	DISTRICT SU	renviour	_DATE7/22/	99
			·		

Submit 3 Copies To Appropriate District Office	State of Ne	w Me	xico		Form C-1	03
District I	Energy, Minerals and	d Natu	ral Resources		Revised March 25, 19	99
1625 N. French Dr., Hobbs, NM 87240				WELL API NO.		
<u>District II</u> 811 South First, Artesia, NM 87210	OIL CONSERVA	TION	DIVISION	30-007-20111		
District III	2040 South	h Pach	ieco	5. Indicate Type of		
1000 Rio Brazos Rd., Aztec, NM 87410	Santa Fe, N			STATE C		·
<u>District IV</u> 2040 South Pacheco, Santa Fe, NM 87505	builti 1 c, 1	***** 0 /	505	6. State Oil & G	as Lease No.	
	EC AND DEDORTE ON U	/ELLC			 	
(DO NOT USE THIS FORM FOR PROPOSA DIFFERENT RESERVOIR. USE "APPLICA PROPOSALS.) 1. Type of Well:	TION FOR PERMIT" (FORM C	OR PLU -101) FO		VPR 'A'	Unit Agreement Nam	e:
Oil Well Gas Well	Other Coalbed Meti	hane			· 	
2. Name of Operator	DATONIIC			8. Well No. -2		j
3. Address of Operator	RATON, L.L.C.			9. Pool name or W		\dashv
	k 190; Raton, NM 87740			9. FOOI HAINE OF W	vnacat	
4. Well Location	170, 14101, 1111 07710			<u> </u>		\dashv
				•		į
Unit LetterC :	_577feet from the	e]	North lin	e and1593	feet from the	
Section 6	Township 31 N	ſ	Range 20 E	NMPM	Colfax	
County	10. Elevation (Show whet 8051'(GR)	ther DR	R, RKB, RT, GR, etc	·)		
11 Check An	propriate Box to Indica	ate Na	ture of Notice I	Report or Other I) oto	extre?
NOTICE OF INT		110 110		SEQUENT REF		
PERFORM REMEDIAL WORK		- I	REMEDIAL WOR		ALTERING CASING	П
PERFORM REMEDIAL WORK	PLUG AND ABANDON L	-	KEMEDIAL WOR	`	ALTERING CASING	_
TEMPORARILY ABANDON	CHANGE PLANS	-	COMMENCE DRI	LLING OPNS.	PLUG AND ABANDONMENT	
	MULTIPLE COMPLETION]	CASING TEST AN CEMENT JOB	ID 🗀		
OTHER:	· r	ا ر	OTHER: COMPI	ETION		do
12. Describe proposed or completed					including estimated da	te
of starting any proposed work). or recompilation.						
Perforate 2202 – 08 w/4SPF, 4SI Fracture treat perfs 2172 – 2208 Set RBP @ 2050' Perforate 1978 – 82' w/4 SPF Fracture treat perfs. 1978- 82' w CO. to 2332' RIH W/PCP AND TBG. Nu stuf	w/200,000 #sand v/50,000 #sand	172 – 7	6 W/2SPF			
I hereby certify that the information a SIGNATURE	above is true and complete	to the b	pest of my knowled Petroleum End	ge and belief. Bineer Advisor	DATE 8/31/99	
Type or print name Donald R. Lan			- -		Telephone N	
(This space for State use)						
ADDROVED BY X	NAME TO	TIED	ISTRICT SU	PERVISOR	DATE 9/2/99	7
APPPROVED BY // / / / / / / / / / / / / / / / / /		ILE.	The same of the sa	The state of the s	DATE // FI	
•						

Submit To Appropriate District Office State of New Mexico Form C-105 State Lease - 6 copies Energy, Minerals and Natural Resources Fee Lease - 5 copies Revised March 25, 1999 District I WELL API NO. 1625 N. French Dr., Hobbs, NM 87240 30-007-20111 District 11 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 State Oil & Gas Lease No. District IV 2040 South Pacheco, Santa Fe, NM 87505 WELL COMPLETION OR RECOMPLETION REPORT AND LOG la. Type of Well: Lease Name or Unit Agreement Name OIL WELL GAS WELL DRY OTHER COALBED METHANE VPR 'A' b. Type of Completion: PLUG WORK OVER NEW DIFF. RESVR. DEEPEN WELL I BACK 2. Name of Operator 02 8. Well No. SONAT RATON, L.L.C. 3. Address of Operator 9. Pool name or Wildcat P.O. BOX 190: RATON, NM 87740 4. Well Location Unit Letter C : 577 Feet From The North Line and 1593 Feet From The West . 06 Township 31N Range 20E NMPM Colfax Section County 11. Date T.D. Reached 12. Date Compl. (Ready to Prod.) 13. Elevations (DF& R(B. RT, GR, etc.) 14. Elev. Casinghead 10. Date Spudded 06/14/99 09/22/99 8051' GR 8051 06/12/99 16. Plug Back T.D. 17. If Multiple Compl. How Many 18. Intervals **Rotary Tools** Cable Tools 15. Total Depth Drilled By Zones? O-TD 2334' 19. Producing Interval(s), of this completion - Top, Bottom, Name Was Directional Survey Made 1978-1982; 2172-2176;2185 - 2188; 2194-2198;2202-2208 21. Type Electric and Other Logs Run 22. Was Well Cored NO CDL; Induction Log; CBL CASING RECORD (Report all strings set in well) 23. **CASING SIZE** DEPTH SET HOLE SIZE CEMENTING RECORD WEIGHT LB./FT. AMOUNT PULLED 8 5/8 349 11" **141 SKS** 24# NONE 2334' NONE 5 1/2 17# 7 7/8" 280 SKS LINER RECORD TUBING RECORD 25. SACKS CEMENT | SCREEN **BOTTOM** SIZE DEPTH SET PACKER SET SIZE TOP 2 7/8 2189 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. 26. Perforation record (interval, size, and number) 1978 - 1982; .16 HOLES 2202-2208; . 24 HOLES DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 2172 -2176; . 8 HOLES 1978 - 2208 900 GALS 7 1/2 HCL; 198,400 LBS. OF SHOT R spf '48" DIA HOLES 2185 - 2188; . 6 HOLES 20/40; 50, 480 LBS 16/30; 1,085,000 2194 - 2198; . DIA; 8 HOLES **62 HOLES** SCF OF N2 (70 QUALITY FOAM) **PRODUCTION** Production Method (Flowing, gas lift, pumping - Size and type pump) Well Status (Prod. or Shut-in **Date First Production** 30-N-095 PC PUMP 10/01/99 PROD. Hours Tested Choke Size Prod'n For Oil - Bbl Gas - MCF Water - Bbl. Gas - Oil Ratio Date of Test 09/27/99 24 Test Period TSTM Water - Bbl. Gas - MCF **Casing Pressure** Calculated 24-Oil - Bbl. Oil Gravity - API - (Corr.) Flow Tubing Hour Rate TSTM 437 Press. 29. Disposition of Gas (Sold, used for fuel, vented, etc.)
Used for fuel or vented N2 Test Witnessed By LARRY CASEY

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

Title

Sr. Petroleum Engineer

Date

09/30/99

Printed

Name

Donald R. Lankford

30 List Attachments

DR Land

Signature

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

m 0' 41

Northwestern New Mexico

Southeastern New Mexico

			1. Canyon					
Γ. Salt			T. Strawn	T. Kirtland	d-Fruitla	nd	T. Penn. "C"	
i. Salt_			T. Atoka	T. Picture	d Cliffs		T. Penn. "D"	
. Yates			I. MISS	T. Cliff H	ouse		1. Leadville	
. 7 Riv	ers		T. Devonian	I. Menete	e		1. Madison	
`. Queei	n		T. Silurian	T. Point L	ookout_		T. Elbert	
`. Grayl	ourg		T. Montoya	T. Mancos	3		T. McCracken	
`. San A	\ndres		T. Simpson	T. Gallup			T. Ignacio Otzte	
. Gloric	eta		T. McKee	Base Gree	nhorn		T. Granite	
. Paddo	ock		T. Eilenburger	T. Dakota			T. Raton - Surface	
. Bline	bry		T. Gr. Wash	T. Morrise	on		T. Vermejo – 1976'	
Tubb.				T.Todilto			TVermejo – 1976' T_Trinidad – 2224'	•
. Drink	card		T. Bone Springs	T. Entrada	1		TPierre - 2317'	
. Abo			T	T. Wingat	e		Т	
` Wolfe	camp		Τ.	T. Chinle			T	
. Penn	<i>F</i>	<u>()</u>	T	T. Permia	n			
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nclude	data or	rate of wa	ter inflow and elevation to whic	ch water rose in he	ole.		·	
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<b>':</b>						
Submit 3 Copies To Appropriate District	State o	of New Me	xico		Form C	-101
Office District I	Energy, Minera	is and Natu	ral Resources		Revised March 25.	
1625 N. French Dr., Hobbs, NM 87240 District II				WELL API NO. 30-007-20111		
811 South First, Artesia, NM 87210	OIL CONSE			5. Indicate Type	of Lease	
District III 1000 Rio Brazos Rd., Aztec, NM 87410		South Pach		STATE	,	
District IV	Santa	Fe, NM 87	505	6. State Oil & C		
2040 South Pacheco, Santa Fe, NM 87505		0.1111111111		<u> </u>		
SUNDRY NOTIC (DO NOT USE THIS FORM FOR PROPOSA DIFFERENT RESERVOIR. USE "APPLICA PROPOSALS.)		EEPEN OR PLU	JG BACK TO A	7. Lease Name o	or Unit Agreement Na	ıme:
1. Type of Well: Oil Well Gas Well	Other Coalbec	d Methane				
2. Name of Operator	DATONIIC			8. Well No. VPI	R 'A' - 2	
3. Address of Operator	RATON, L.L.C.		<del></del>	9. Pool name or	Wildcat	
P.O. Bo	x 190; Raton, NM 8	7740		3. 1001 mane of		
4. Well Location	,					
Unit Letter C:	_577 feet fr	om the	North li	ne and 1503	feet from the	
West line		om tile	1401tii 11	ne and1575	leet from the	<b>'</b> .
Section 6	Township 10. Elevation (Show		Range 20 E		M Colfax Co	unty
	8051'(		K, KKB, KI, GK, el	<i>c.)</i>		
11. Check Ar	propriate Box to I		ture of Notice.	Report or Other	Data	
NOTICE OF INT			· ·	SEQUENT RE		
PERFORM REMEDIAL WORK	PLUG AND ABANDO	DN 🗆	REMEDIAL WOR	RK □	ALTERING CASIN	ig [
TEMPORARILY ABANDON	CHANGE PLANS		COMMENCE DR	RILLING OPNS.	PLUG AND ABANDONMENT	E
PULL OR ALTER CASING	MULTIPLE COMPLETION	· 🗆	CASING TEST A CEMENT JOB	ND		
OTHER:			OTHER:			
12. Describe proposed or completed of starting any proposed work). or recompilation.	SEE RULE 1103. Fo	or Multiple C	Completions: Attac			
6/13/99: RU Thornton Rig 1. Run and set 8 5/8" 24 Cement with 141 sx.	" J55 surface casing a	ıt 349'	to 368.'			
6/15/99: Drill 7 7/8" hole at 23 RU Completion rig. 1	Ran and set 5 ½" 17#	J-55 casing a				
6/16/99: Cement with 280 sx. 6/17/99 Ran CBL. Showed g			100'			
0/1//99 Kan CBL. Snowed go	ou bond infoughout	with TOC at	170.			
	at a sa ta e			4		
I hereby certify that the information	above is true and com	iplete to the t	best of my knowled	dge and belief.		
SIGNATURE DATE 7/21/99		TITLE_	SrPetroleum_Er	ngineer		
Type or print name This space for State use	2.0			Tele	phone No.(505)445-4	1620
APPPROVED BY	John	TITLE C	NSTRICT SI	UPERVISOR	DATE 7/22/	199
Conditions of approval if any	//					

Energy, Minerals and Natural Resources   Revised March 25, 1999
Bill South First, Artesia, NM 87210  DIL CONSERVATION DIVISION  District IV  2040 South Pacheco Santa Fe, NM 87505  SITATE
1000 Rts Brazos Rd., Aztec, NM 87410   Santa Fe, NM 87505   Santa Fe,
Santa Fe, NM 87505   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 RESERVOR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)  1. Type of Well: Oil Well
COD 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   DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH   DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH   DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH   DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH   DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH   DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH   SOUNT OF THIS FORM C-101) FOR SUCH   DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH   DIFFERENT RESERVOIR. USE "APPLICATION TO COMPANY OF THE PERMIT" (FORM C-101) FOR SUBSEQUENT REPORT OF:   REMEDIAL WORK
2. Name of Operator SONAT RATON, L.L.C.  3. Address of Operator P.O. Box 190; Raton, NM 87740  4. Well Location Unit Letter C: 577 feet from the North line and 1593 feet from the Section 6 Township 31 N Range 20 E NMPM Colfax  County  10. Elevation (Show whether DR, RKB, RT, GR, etc.) 8051'(GR)  11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: PERFORM REMEDIAL WORK PLUG AND ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT PULL OR ALTER CASING MULTIPLE COMPLETION  OTHER: OTHER: 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 recompilation.  Perforate 2202 – 08 w/4SPF, 4SPF, 2194-98, 2185-88, & 2172 – 76 W/2SPF Fracture treat perfs 2172 – 2208 w/200,000 #sand
SONAT RATON, L.L.C.  3. Address of Operator P.O. Box 190; Raton, NM 87740  4. Well Location Unit Letter C::577
3. Address of Operator P.O. Box 190; Raton, NM 87740  4. Well Location Unit Letter C : 577 feet from the North line and 1593 feet from the West line Section 6 Township 31 N Range 20 E NMPM Colfax  10. Elevation (Show whether DR, RKB, RT, GR, etc.) 8051'(GR)  11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON SUBSEQUENT REPORT OF: REMEDIAL WORK ALTERING CASING COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT  TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT  PULL OR ALTER CASING MULTIPLE COMPLETION  TOTHER: 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 recompilation.  Perforate 2202 – 08 w/4SPF, 4SPF, 2194-98, 2185-88, & 2172 – 76 W/2SPF Fracture treat perfs 2172 – 2208 w/200,000 #sand
4. Well Location  Unit Letter C : _577
Section 6 Township 31 N Range 20 E NMPM Colfax    10. Elevation (Show whether DR, RKB, RT, GR, etc.) 8051'(GR)   11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:   PERFORM REMEDIAL WORK   PLUG AND ABANDON   REMEDIAL WORK   ALTERING CASING     TEMPORARILY ABANDON   CHANGE PLANS   COMMENCE DRILLING OPNS.   PLUG AND ABANDONMENT     PULL OR ALTER CASING   MULTIPLE   CASING TEST AND   CEMENT JOB     OTHER:   OTHER: COMPLETION     OTHER: COMPLETION   COMPLETION     OTHER: COMPLETION   PLUG AND ABANDONMENT     OTHER: COMPLETION   CASING TEST AND   CEMENT JOB     OTHER: COMPLETION   PLUG AND ABANDONMENT     OTHER: COMPLETION   CASING TEST AND   CEMENT JOB     OTHER: COMPLETION   PROPOSED COMPLETION   PROPOSED COMPLETION     OTHER: COMPLETION   PROPOSED COMPLET
Section 6 Township 31 N Range 20 E NMPM Colfax    10. Elevation (Show whether DR, RKB, RT, GR, etc.) 8051'(GR)   11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:   PERFORM REMEDIAL WORK   PLUG AND ABANDON   REMEDIAL WORK   ALTERING CASING     TEMPORARILY ABANDON   CHANGE PLANS   COMMENCE DRILLING OPNS.   PLUG AND ABANDONMENT     PULL OR ALTER CASING   MULTIPLE   CASING TEST AND   CEMENT JOB     OTHER:   OTHER: COMPLETION     OTHER: COMPLETION   COMPLETION     OTHER: COMPLETION   PLUG AND ABANDONMENT     OTHER: COMPLETION   CASING TEST AND   CEMENT JOB     OTHER: COMPLETION   PLUG AND ABANDONMENT     OTHER: COMPLETION   CASING TEST AND   CEMENT JOB     OTHER: COMPLETION   PROPOSED COMPLETION   PROPOSED COMPLETION     OTHER: COMPLETION   PROPOSED COMPLET
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 8051'(GR)
10. Elevation (Show whether DR, RKB, RT, GR, etc.)  8051'(GR)  11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data  NOTICE OF INTENTION TO:  PERFORM REMEDIAL WORK PLUG AND ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT  PULL OR ALTER CASING MULTIPLE CASING CASING CEMENT JOB  OTHER:  OTHER:  OTHER: COMPLETION  OTHER: COMPLETION  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 2202 – 08 w/4SPF, 4SPF, 2194-98, 2185-88, & 2172 – 76 W/2SPF  Fracture treat perfs 2172 – 2208 w/200,000 #sand
11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data  NOTICE OF INTENTION TO:  PERFORM REMEDIAL WORK  PLUG AND ABANDON  REMEDIAL WORK  ALTERING CASING    TEMPORARILY ABANDON  CHANGE PLANS  COMMENCE DRILLING OPNS.  PLUG AND ABANDONMENT  PULL OR ALTER CASING  MULTIPLE  CASING TEST AND CEMENT JOB  OTHER:  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 recompilation.  Perforate 2202 – 08 w/4SPF, 4SPF, 2194-98, 2185-88, & 2172 – 76 W/2SPF Fracture treat perfs 2172 – 2208 w/200,000 #sand
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK   PLUG AND ABANDON   REMEDIAL WORK   ALTERING CASING    TEMPORARILY ABANDON   CHANGE PLANS   COMMENCE DRILLING OPNS.   PLUG AND ABANDONMENT    PULL OR ALTER CASING   MULTIPLE   CASING TEST AND CEMENT JOB    OTHER:   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 recompilation.  Perforate 2202 – 08 w/4SPF, 4SPF, 2194-98, 2185-88, & 2172 – 76 W/2SPF Fracture treat perfs 2172 – 2208 w/200,000 #sand
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Fracture treat perfs 2172 – 2208 w/200,000 #sand
Set RBP @ 2050' Perforate 1978 – 82' w/4 SPF Fracture treat perfs. 1978- 82' w/50,000 #sand CO. to 2332' RIH W/PCP AND TBG. Nu stuffing box & tbg.
I hereby certify that the information above is true and complete to the best of my knowledge and belief.  SIGNATURE TO CONTROL TITLE Petroleum Engineer Advisor DATE 8/31/99
Type or print name Donald R. Lankford Telephone No.
(This space for State use)
APPROVED BY Ty Conditions of approval, if any: TITLE DISTRICT SUPERVISOR DATE 9/2/99

Submit To Appropriate District Office State of New Mexico Form C-105 State Lease - 6 copies Energy, Minerals and Natural Resources Fee Lease - 5 copies Revised March 25, 1999 District I WELL API NO. 1625 N. French Dr., Hobbs, NM 87240 30-007-20111 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 State Oil & Gas Lease No. District IV 2040 South Pacheco, Santa Fe, NM 87505 WELL COMPLETION OR RECOMPLETION REPORT AND LOG la. Type of Well: Lease Name or Unit Agreement Name OIL WELL GAS WELL DRY OTHER COALBED METHANE VPR 'A' b. Type of Completion: WORK DEEPEN PLUG BACK RESVR. OTHER WELL I 2. Name of Operator 02 8. Well No. SONAT RATON, L.L.C. 3. Address of Operator 9. Pool name or Wildcat P.O. BOX 190: RATON, NM 87740 4. Well Location Unit Letter C : 577 Feet From The North Line and 1593 Feet From The West 06 Township NMPM Colfax Section 31N Range 20E County 10. Date Spudded 11. Date T.D. Reached 12. Date Compl. (Ready to Prod.) 13. Elevations (DF& R(B. RT, GR, etc.) 14. Elev. Casinghead 06/14/99 09/22/99 8051' GR 8051 06/12/99 16. Plug Back T.D. 17. If Multiple Compl. How Many 18. Intervals **Rotary Tools** Cable Tools 15. Total Depth Zones? Drilled By O-TD 2370' 2334' 19. Producing Interval(s), of this completion - Top, Bottom, Name 20. Was Directional Survey Made 1978-1982; 2172-2176;2185 - 2188; 2194-2198;2202-2208 21. Type Electric and Other Logs Run 22. Was Well Cored NO CDL; Induction Log; CBL 23. CASING RECORD (Report all strings set in well) WEIGHT LB./FT. HOLE SIZE CASING SIZE DEPTH SET CEMENTING RECORD AMOUNT PULLED 349 11" 8 5/8 24# 141 SKS NONE 5 1/2 17# 2334 7 7/8" 280 SKS NONE LINER RECORD 25 **TUBING RECORD** 24. BOTTOM SACKS CEMENT | SCREEN TOP SIZE **DEPTH SET** SIZE PACKER SET 2 7/8 2189 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC 26. Perforation record (interval, size, and number) 1978 - 1982; .16 HOLES 2202-2208, . 24 HOLES DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 2172 -2176; . 8 HOLES 1978 - 2208 900 GALS 7 1/2 HCL; 198,400 LBS. OF SHOT R spf '48" DIA HOLES 2185 - 2188; 6 HOLES 20/40; 50, 480 LBS 16/30; 1,085,000 2194 - 2198; . DIA; 8 HOLES **62 HOLES** SCF OF N2 (70 QUALITY FOAM) **PRODUCTION** 28 Well Status (Prod. or Shut-in Production Method (Flowing, gas lift, pumping - Size and type pump) **Date First Production** 30-N-095 PC PUMP 10/01/99 PROD. Date of Test Hours Tested Choke Size Prod'n For Oil - Bbl Gas - MCF Water - Bbl. Gas - Oil Ratio Test Period 09/27/99 24 TSTM Calculated 24-Oil - Bbl. Gas - MCF Water - Bbl. **Casing Pressure** Oil Gravity - API - (Corr.) Flow Tubing Hour Rate TSTM 437 Press. Test Witnessed By LARRY CASEY 29. Disposition of Gas (Sold, used for fuel, vented, etc.) Used for fuel or vented N2 30 List Attachments

31 Thereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Printed

Signature

DR Line ( f

Name

Title

Date

09/30/99

Donald R. Lankford Sr. Petroleum 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 STATE

T. Ojo Alamo

T. Kirtland-Fruitland_____

T. Pictured Cliffs

Northwestern New Mexico

T. Penn. "B"

T. Penn. "C"_ T. Penn. "D"_

Southeastern New Mexico

T. Canyon

T. Strawn

T. Atoka

T. Anhy

T. Salt

B. Salt

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T. Yates	s		T. Miss	s	T	. Cliff Ho	use		T. Leadville	
T. 7 Riv	ers		T. Dev	onian	T	'. Menefee	•		_ T. Madison_	
T. Quee	n		T. Silu	rian	Т	`. Point Lo	okout		i. Elbert	
T. Gray	burg		T. Mot	ntoya	· T	`. Mancos __			T. McCracker	1
T. San A	Andres		T. Sim	pson		. Gailup_			I. Ignacio Oti	zte
T. Glori	ieta		T. Mcl	Kee	B	Base Green	ıhorn		T. Granite	
T. Padd	ock		T. Elle	nburger	T	`. Dakota			T. Raton - Su	rface - 1976' 2224'
T. Bline	bry		T. Gr.	Washaware Sand	T	`. Morriso	n		TVermejo -	- 1976'
T.Tubb			T. Dela	aware Sand	Т	`.Todilto			T Trinidad -	2224'
T. Drin	kard		T. Bon	e Springs	т т	`. Entrada			T. Pierre - 23	317'
T. Abo			T.	- F	T	`. Wingate			T.	
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No. 3,	from			to						
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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-2, meter station no. 'A-2', located in unit letter C, Section 6, Township 31 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 Lalf

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