## INITED STATES

Form 3160 (June 1990)	DEPARTME	NT OF INTERIOR IND MANAGEMENT	RECEIV	<u>-D</u>	FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993
Do not use th	SUNDRY NOTICE AND a sis form for proposals to drill or to deepen or	reenty to a different reservoir	. Use APPLICATION PM	5. 2: 24	Lease Designation and Serial No. SF-078769
	TO DRILL" for permi	for such proposals	070 family 1	<b>6.</b>	If Indian, Allottee or Tribe Name
	SUBMIT IN T		1011773	7.	If Unit or CA, Agreement Designation ROSA UNIT
	pe of Well Dil Well X Gas Well Other	P	2001	8.	Well Name and No. ROSA UNIT #187
	me of Operator	C OLC	CEIVED 18	9.	API Well No. 30-039-26373
* '	dress and Telephone No.  DOI: 10. NO. 3102 MS 37-2, TULSA, OK 74101 (			10.	Field and Pool, or Exploratory Area BLANCO MV
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 815' FSL & 1870' FWL, SE/4 SW/4 SEC 21-31N-5W			0. V. VO	11.	County or Parish, State RIO ARRIBA, NM
CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
	TYPE OF SUBMISSION	TYPE OF ACTION			
	Notice of Intent	Abandonment			Change of Plans
x	Subsequent Report	Recompletion Plugging Back			New Construction Non-Routine Fracturing
Final Abandonment		Casing Repair			Water Shut-Off Conversion to Injection
	rmai Abandonment	X Other <u>COMPLETION OPERATIONS</u> Dispose Water			Dispose Water
		·			(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*					
08/04/2001 MIRU. Received tbg, tallied & removed protectors. Spotted all equipment, ready to start work. Secured location and SDON					
08/05/2001 RU BOP. Laid all lines. Installed new hydraulic hose. PU tbg & RIH w/ 3-7/8" bit. Rotated bit through LT. RU blooie line. Ran tbg to 6500'. PU to 6428'. Secured location. SDON					
08/06/2001 RU BJS to PT csG to 3500psi, held 15 min. Spotted 500 gal 15% HCl @ 6420'. TOH w/ tbg. RU W/L (Basin Perf). Perf 27 (0.38) holes @ each of following depths: 6128', 32', 34', 39', 44', 46', 48', 50', 53', 56', 61', 62', 64', 79', 81', 84', 6206', 09', 11', 13', 16', 18', 6352', 54', 56', 69', 6428'. Secured location, SDON					
08/07/2001 Ball off PLO w/ 1000gal 15% HCI & 50 1.3 ball sealers. RIH w/ 3 7/8 junk basket to recover 30 balls w/ 20 hits. Frac PLO w/ 80,000# 20/40 Ariz sand @ 92 BPM @3000psi. RIH w/ dump bailer w/ 20 gal of 28% HCI & spotted @ bottom perforation. Perf CH-M w/ one hole @ each of following depths: 5205', 08', 62', 64', 66', 5686', 88', 98', 5900', 03', 05', 08', 50', 52', 54', 56', 58', 62', 64', 66', 6000', 02', 58', 63', 65', 67', (26 holes). Ball off CH-M w/ 1000gal 15% HCI & 50 ball sealers. Ball off complete @ 3500psi. Recovered 43 balls w/ 25 hits. Frac CH-M w/ 80,000# 20/40 Ariz sand @ 84 BPM @ 2,700 psi. Closed rams, RD BJS. RIH w/ tbg to LT. Started Air Pkg. Unloaded well. Secured location & turned over to night watch (Air Pkg)					
Continued on reverse side					
14. I hereby certify that the foregoing is true and correct					
S	igned Tracy Ross	Title Production	Analyst I	DateA	August 24, 2001
("	This space for Federal or State office use)				_
A	Approved by	Title		Ī	Date0
c	Conditions of approval, if any:				Within Smr UFFICE
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.					
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MAKION

<u>08/08/2001</u> RIH w/ tbg sand fill @ 6008' (102' fill). RU to CO sand. Ran sweep each 25 minutes. Well cleaned up—little or no sand or H2O. Pulled up to top perf, 5205'. Ran 2 sweeps. Ran back to bottom—had 4' sand. CO to CIBP @6110'. TOH w/ tbg. Pitot Reading: 2# or 869 mcf. Closed rams, shut in overnight. Secured location, SDON

<u>08/09/2001</u> Checked csg psi: 925. Bled off slowly. TIH w/ tbg & 3 7/8" bit to tag 20' of sand. RU power swivel to clean out. Drill CIBP @ 6110'. Chased balance of plug to bottom (would hang up on several collars). TOOH w/ tbg. Closed rams & let well flow on it's own. Secured location, SD w/ night watch

08/10/2001 RIH w/ tbg, rotated through liner top & ran to bottom. Had 21' sand fill. RU power swivel to clean out sand. Ran one sweep each hr, no sand & minimal H2O. Pulled up to 6300', landed 205 jts 2-3/8" J-55 EUE 8rd 4.7# tbg w/ ½" mule shoe on bottom & SN 1 jt up. Buttoned up well head, LD rig. All equipment ready to move to Rosa Unit #184A. Secured location, moved rig