District I PO Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION 2040 South Pacheco

Santa Fe, NM 87505

Form C-101 Revised October 18, 1994 Instructions on back Submit to Appropriate District Office State Lease - 6 Copies Fee Lease - 5 Copies

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Titan Res 500 W. Te Midland,	exas, S	Suite	e 50	2.	Operator Nar	me and Address.				15060 • •	GRID Number 61 VPI Number 25–21491	
4 Prope	⁴ Property Code ³ Property Name										* Well No.	
020001	020001 E. O. Carson									23		
	⁷ Surface Location											
UL or lot no.	Section	Town	ıship	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/V	Vest line	County	
G	33	215	3	37E		1980'	North	2640	Ea	st	Lea	
			³ Pr	oposed	Bottom	Hole Locati	ion If Differen	nt From Sur	face		<u> </u>	
UL or lot no.	Section	Town	ship	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/V	Vest line	County	
Proposed Pool 1 Eunice San Andres									sed Pool	2	<u> </u>	
Work 7	Type Code			¹ Well Type	Code	¹³ Cable		H L and There Co		10		
Nork Type Code				" Well Type Code "Cab					¹⁸ Ground Level Elevation			

A	0	N.A.	Р	3459'
* Muitiple	17 Proposed Depth	¹⁴ Formation	" Contractor	" Spud Date
No	3920PBTD	San Andres	N. A.	ASAP

²¹ Proposed Casing and Cement Program

	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	35.6	343	325	Surf-Circ
12 1/4"	9 5/8"	36	2783	1600	Surf-Circ
8 3/4"	7"	20	4100	460	450'-Temp Sur

² Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Well is currently producing from the Eumont; Yates-7 Rivers-Queen (Pro Gas) 65 mcf/day at 3481 to 3519'. Proposed to test the San Andres from 3790'-3920'. Well previously produced from San Andres Open Hole 4100'-4600'.

1. MIRU pulling unit. POOH with tubing. Clean out to PBTD 3920' with bailer.

2. Perforate San Andres from 3790' to 3920'. Run tubing and packer and acidize and swab test.

3. If commerical production is established, either dually complete with Queen or permanently abandon the Queen. If commerical production is not established,

³⁹ I hereby certify the the information given of my knowledge and belief.	above is true and complete to the best	OIL CONSERVATION DIVISION				
Signature:	al	Approved by:	caul Kautz			
Printed name: Bruce Woodard		Title:	Geologist			
Tale:		Approval Date: MAY 22 199				
אבר 5/5/97	Phone (915)682-6612	Conditions of Approval : Attached				

C-101 Instructions

Measurements and dimensions are to be in feet/i......es. Well locations will refer to the New Mexico Principal Meridian.

IF THIS IS AN AMENDED REPORT CHECK THE BOX LABLED "AMENDED REPORT" AT THE TOP OF THIS DOCUMENT.

- 1 Operator's OGRID number. If you do not have one it will be assigned and filled in by the District office.
- 2 Operator's name and address
- 3 API number of this well. If this is a new drill the OCD will assign the number and fill this in.
- Property code. If this is a new property the OCD will assign the number and fill it in.
- 5 Property name that used to be called 'well name'
- 6 The number of this well on the property.
- 7 The surveyed location of this well New Mexico Principal Meridian NOTE: If the United States government survey designates a Lot Number for this location use that number in the 'UL or lot no.' box. Otherwise use the OCD Unit Letter.
- The proposed bottom hole location of this well at TD 8

9 and 10 The proposed pool(s) to which this well is beeing drilled.

11 Work type code from the following table:

- N New well
- E Re-entry D
- Drill deeper Ρ
- Plugback A
- Add a zone
- 12 Well type code from the following table:
 - Single oil completion O
 - G Single gas completion
 - М Mutiple completion
 - L Injection well S
 - SWD well w
 - Water supply well С Carbon dioxide well
- 13 Cable or rotary drilling code
 - С Propose to cable tool drill
 - R Propose to rotary drill
- 14 Lease type code from the following table: S State
 - Ρ Private
- 15 Ground level elevation above sea level
- 16 Intend to mutiple complete? Yes or No
- 17 Proposed total depth of this well
- 18 Geologic formation at TD
- 19 Name of the intended drilling company if known.
- 20 Anticipated spud date.
- Proposed hole size ID inches, proposed and OD inches, 21 casing weight in pounds per foot, setting depth of the casing or depth and top of liner, proposed cementing volume, and estimated top of cement

22 Brief description of the proposed drilling program and BOP program. Attach additional sheets if necessary.

The signature, printed name, and title of the person 23 authorized to make this report. The date this report was signed and the telephone number to call for questions about this report.

permanently San Andres zone.

BOP: 3,000 psi W. P. with 1 set of pipe rams and 1 set of blind rams.

District I PO Box 1980, Hobbs, NM 88241-1980 District II 811 South First, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

Form C-102 Revised October 18, 1994 Instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

1AT Number 'Pool Code 'Pool Code 'Pool Code 30-025-21491 Eunice San Andres 'Well Number 020001 E. O. Carson 23 'OGRUD No. 'Operator Name 23 'OGRUD No. 'Pool Code 'Surface Location 2459 GR UL or te no. Section Torenship Rage Let Ida Test from the Section Surface East/West Ene County G 33 21S 37E IBOttom Hole Location If Different From Surface Lea County 'UL or tet no. Section Torenship Rage Lot Ida Feet from the North/South Ene Feet from the East/West Ene County '' Dotigated Acres '' Bottom Hole Location If Different From Surface County County '' Detigated Acres '' Add or ref. County County County '' Dotigated Acres '' Add or ref. '' County County County '' Detigated Acres '' Add or ref. Station Free from the North/South Ene Feet from the East/West Ene County '' Dotated Acres '' Add or ref. Station Feet from the East County County			WE	ELL LO	CATIO	N AND A	CR	EAGE DEDI	CATION PI	LAT			
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Production Operations Manager Date of Survey Signature and Scal of Professional Surveyer:	16			A	3			З	3 ¹⁷ OPE	RATOR	CER	TIFICATION	
23 2640' Friated Name Bruce Woodard Title Production Operations Manager Date 5/5/97 ¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plated from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey Signature and Scal of Professional Surveyer:									I hereby cert	ify that the in	formation	contained herein is	
23 2640' Signifier Production Operations Manager Date 5/5/97 ¹⁸ SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat</i> was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey Signature and Scal of Professional Surveyer:				1	3				true and com	ipiete to the b	dest of nyy	knowledge and belief	
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IF THIS IS AN AMENDED REPORT, CHECK THE BOX LABLED "AMENDED REPORT" AT THE TOP OF THIS DOCUMENT.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed contact the appropriate OCD district office. Independent subdivision surveys will not be acceptable.

- 1. The OCD assigned API number for this well
- 2. The pool code for this (proposed) completion
- 3. The pool name for this (proposed) completion
- 4. The property code for this (proposed) completion
- 5. The property name (well name) for this (proposed) completion
- 6. The well number for this (proposed) completion
- 7. Operator's OGRID number
- 8. The operator's name
- 9. The ground level elevation of this well
- The surveyed surface location of this well measured from the section lines NOTE: If the United States government survey designates a Lot Number for this location use that number in the 'UL or lot no.' box. Otherwise use the OCD unit letter.
- 11. Proposed bottom hole location. If this is a horizontal hole indicate the location of the end of the hole.
- 12. The calculated acreage dedicated to this completion to the nearest hundredth of an acre
- 13. Put a Y if more than one completion will be sharing this same acreage or N if this is the only completion on this acreage
- 14. If more than one lease of different ownership has been dedicated to the well show the consolidation code from the following table:
 - C Communitization
 - U Unitization
 - F Forced pooling
 - O Other
 - P Consolidation pending

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTSHAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION!

- 15. Write in the OCD order(s) approving a non-standard location, non-standard spacing, or directional or horizontal drilling
- 16. This grid represents a standard section. You may superimpose a non-standard section over this grid. Outline the dedicated acreage and the separate leases within that dedicated acreage. Show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. (Note: A legal location is determined from the perpendicular distance to the edge of the tract.) If this is a high angle or

horizontal hole show that portion of the well bore that is open within this pool.

Show all lots, lot numbers, and their respective acreage.

If more than one lease has been dedicated to this completion, outline each one and identify the ownership as to both working interest and royalty.

- 17. The signature, printed name, and title of the person authorized to make this report, and the date this document was signed.
- 18. The registered surveyors certification. This section does not have to be completed if this form has been previously accepted by the OCD and is being filed for a change of pool or dedicated acreage.

¥