

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-101
Revised February 10, 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

Operator Name and Address. Patterson Petroleum LP P.O. Drawer 1416 Snyder, TX 79550		OGRID Number 141928
Property Name Gach "31" State		API Number 30 - 0 25-35528
Property Code 27973		Well No. 1

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	31	17S	34E		990	South	1650	East	Lea

8 Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Proposed Pool 1 N. Vacuum; Atoka - Morrow					Proposed Pool 2				



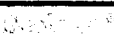
Work Type Code N	Well Type Code G	Cable/Rotary Rotary	Lease Type Code S	Ground Level Elevation 4,083'
Multiple No	Proposed Depth 13,600'	Formation Morrow	Contractor Patterson Drlg	Spud Date 09/01

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2"	13-3/8"	48#	400'	500	Surface
12-1/4"	9-5/8"	40#	4800'	2500	Surface
8-3/4"	7"	26#	12,950'	650	8000'
6-1/8"	5" liner	18#	13,600'	180	12,700'

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.

Drilling fluid synopsis attached
BOP: Series 9000# WP - See figure 2.5 attached
Additional casing & cementing information attached

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: 		OIL CONSERVATION DIVISION	
Printed name: Nolan von Roeder		Approved by: 	
Title: Petroleum Engineer		Title: 	
Date: 04/12/01		Approval Date:	Expiration Date:
Phone: 915/573-1938		Conditions of Approval: Attached <input type="checkbox"/>	

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