

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

¹ Operator Name and Address. PATTERSON PETROLEUM, INC. P.O. DRAWER 1416 SNYDER, TEXAS 79550		² OGRID Number 141928
		³ API Number 30 - 025-34583
⁴ Property Code 24273	⁵ Property Name Tomahawk St. 19	⁶ Well No. 1

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
H	19	17S	34E		2616	North	1148	East	Lea

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County

⁹ Proposed Pool 1

N. Vacuum - Atoka/Morrow

¹⁰ Proposed Pool 2

Wildcat - Wolfcamp

¹¹ Work Type Code N	¹² Well Type Code E & G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 4092'
¹⁶ Multiple No	¹⁷ Proposed Depth 13,600	¹⁸ Formation Morrow	¹⁹ Contractor Patterson Drilling	²⁰ Spud Date Upon Approval

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimation TOC
17-1/2"	13-3/8"	48#	400'	440 sx	Surface
11"	8-5/8"	24# & 32#	4,800'	1300 sx	Surface
7-7/8"	5-1/2"	17# & 20#	13,600'	1200 sx	5000'

²² 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 900 5000# WP - See Figure 2.5 attached
Additional casing & cementing information attached

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Nolan von Roeder

Printed name:

Nolan von Roeder

Title:

Petroleum Engineer

Date:

02/24/99

Phone:

915/573-1938

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY

Title:

Approval Date:

MAR 04 1999

Expiration Date:

Conditions of Approval:

Attached ☐