

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

<sup>1</sup> Operator Name and Address. Patterson Petroleum, Inc. P.O. Drawer 1416 Snyder, TX 79550		<sup>1</sup> OGRID Number 141928
<sup>1</sup> Property Code 25121	<sup>1</sup> Property Name Hawkeye St. 30	<sup>1</sup> API Number 30-025-34781
		<sup>1</sup> Well No. 1

<sup>7</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
J	30	17S	34E		1980	South	1970	East	Lea

<sup>8</sup> 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
<sup>1</sup> Proposed Pool 1 N. Vacuum - Morrow					<sup>1</sup> Proposed Pool 2 Wildcat - Wolfcamp				

<sup>11</sup> Work Type Code N	<sup>11</sup> Well Type Code O & G	<sup>11</sup> Cable/Rotary R	<sup>11</sup> Lease Type Code S	<sup>11</sup> Ground Level Elevation 4086'
<sup>11</sup> Multiple No	<sup>11</sup> Proposed Depth 14,000	<sup>11</sup> Formation Morrow	<sup>11</sup> Contractor Patterson Drilling	<sup>11</sup> Spud Date Upon Approval

<sup>21</sup> 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'	400 sx	Surface
11"	8-5/8"	32#	4,800'	1900 sx	Surface
7-7/8"	5-1/2"	17# & 20#	14,000'	1250 sx	8000'

<sup>21</sup> 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

<sup>21</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name:

Joe Fitzgerald

Title:

Land Manager

Date:

12/08/99

Phone:

915/685-1414

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY JOHN'S WILLIAMS  
DISTRICT I SUPERVISOR

Title:

Approval Date:

12/10/99

Expiration Date:

Conditions of Approval:

Attached ☐

# C-101 Instructions

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

IF THIS IS AN AMENDED REPORT CHECK THE BOX LABELED "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.
- 4 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.
- 8 The proposed bottom hole location of this well at TD

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

11 Work type code from the following table:

N	New well
E	Re-entry
D	Drill deeper
P	Plugback
A	Add a zone

12 Well type code from the following table:

O	Single oil completion
G	Single gas completion
M	Multiple completion
I	Injection well
S	SWD well
W	Water supply well
C	Carbon dioxide well

13 Cable or rotary drilling code

C	Propose to cable tool drill
R	Propose to rotary drill

14 Lease type code from the following table:

F	Federal
S	State
P	Private
N	Navajo
J	Jicarilla
U	Ute
I	Other Indian tribe

15 Ground level elevation above sea level

16 Intend to multiple completions? 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.

21 Proposed hole size ID inches, proposed casing OD inches, 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.

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