

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
Revised June 10, 2003

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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 LP P.O. DRAWER 1416 SNYDER, TX 79550		² OGRID Number 141928
		³ API Number 30 - 025-01566
³ Property Code 23681	⁵ Property Name COCKBURN B STATE <i>com</i>	⁶ Well No. 2

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
H	1	18S	33E		1980	NORTH	660	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
⁹ Proposed Pool 1 VACUUM; MORROW						¹⁰ Proposed Pool 2			
¹ Work Type Code D		¹² Well Type Code G		¹³ Cable/Rotary ROTARY		¹⁴ Lease Type Code S		¹⁵ Ground Level Elevation 4095'	
¹⁶ Multiple NO		¹⁷ Proposed Depth 13,800'		¹⁸ Formation MORROW		¹⁹ Contractor PATTERSON-UTI DRILLING		²⁰ Spud Date 11/12/2003	

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
7-7/8"	4-1/2"	11.6	13,800'	1500	8000'

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.

WELL IS TEMPORARILY ABANDONED WITH A CIBP @4063'. PROPOSE TO DRILL OUT CIBP & CEMENT SQUEEZE PERFS (4136-60'). DRILL OUT ALL CEMENT PLUGS DOWN TO ORIGINAL TD @12,910', THEN DEEPEN WELL TO 13,800'. SEE ATTACHED WELLBORE DIAGRAM & BOP DRAWING.

Permit Expires 1 Year From Approval
Date Unless ~~Drilling Underway~~
Deepen

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Nolan Von Roeder</i>		OIL CONSERVATION DIVISION	
Printed name: NOLAN VON ROEDER		Approved by: <i>Paul J. Hardy</i>	
Title: ENGINEER		Title: PETROLEUM ENGINEER	
E-mail Address: vonroeder@patenergy.com		Approval Date: NOV 13 2003	
Date: 11/10/03		Expiration Date:	
Phone: (325)573-1938		Conditions of Approval:	
		Attached <input type="checkbox"/>	

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised June 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-01566	² Pool Code 86840	³ Pool Name VACUUM; MORROW
⁴ Property Code 23681	⁵ Property Name COCKBURN B STATE Com.	⁶ Well Number 2
⁷ OGRID No. 141928	⁸ Operator Name PATTERSON PETROLEUM LP	⁹ Elevation 4095'

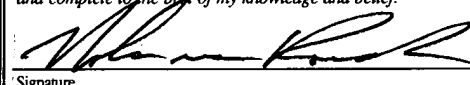
¹⁰ Surface Location

UL or lot no. H	Section 1	Township 18-S	Range 33-E	Lot Idn	Feet from the 1980	North/South line NORTH	Feet from the 660	East/West line EAST	County LEA
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¹¹ 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
¹² Dedicated Acres 320.07	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

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

16	(Lot 2 40.05)	(Lot 1 40.02)	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature NOLAN VON ROEDER Printed Name ENGINEER vonroeder@patenergy.com Title and E-mail Address 11/10/03 Date
			¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat 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 Seal of Professional Surveyor: Certificate Number