

PMESO-4015480217

PATTERSON PETROLEUM LP

1004 N. Big Spring, Suite 523

Midland, Texas 79701

Office: 432-685-1414

Fax: 432-685-1133

Date: 1-13-04

To: Mike Stogner

From: Joe Fitzgerald

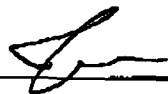
Company: NMOC

Company: Patterson Petroleum LP

Pages: (including cover) 5

Comments: Per our phone conversation yesterday
Attached is our request for the index
location -

Thanks, let me know if you need
any further information.



If you have any questions, concerns or receive this fax in error please contact: 432-685-1414.

**PATTERSON PETROLEUM, LP**

1004 N. Big Spring, Suite 523 • Midland, Texas 79701
Phone: 915-685-1414 • Fax 915-685-1133

January 13, 2004

Mike E. Stogner
Chief Examiner
New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87505

Re: Request for Administrative Approval of an Unorthodox Location
for the Patterson Petroleum, LP, Mohican 28 State #1, Located
1330' FEL & 1980' FSL of Section 28, T-17-S, R-33-E, Lea
County, New Mexico

Dear Mr. Stogner:

Pursuant to our conversation Patterson Petroleum, LP, hereby requests administrative approval of the captioned. The subject location was derived by the use of extensive 3-D seismic data and analysis thereof for a Morrow location. We formed an 320 acre Leamex pool unit and drilled the well. We found a thin tight Morrow sand and did not make a completion attempt in it.

However we did encounter a number of potential pay zones in the Wolfcamp Formation that we would like to attempt completing; but we are unorthodox at this location for same. Therefore we request Administrative Approval of this unorthodox location for the Wolfcamp, which falls under the 40 acre wildcat pool rules.

The subject well is located on State Lease B-2229. The subject acreage has common ownership between Patterson and ConocoPhillips. Patterson and ConocoPhillips have entered into an operating agreement covering all of Section 28-17-33, plus other acreage, as to all rights below the San Andres Formation.

Also enclosed with this letter are copies of our revised C-101, C-102, C-103 which we filed with the Hobbs NMOCD office

Please let me know your decision concerning this request. Should you have any question or need further information do not hesitate to call, my toll free phone number is 1-800-470-4200. My email address is fitzgeraldj@patenergy.com.

Sincerely,


Joe Fitzgerald
Land Manager

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 87305

State of New Mexico
Energy Minerals and Natural ResourcesOil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505Submit 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, Texas 79550		² OGRID Number 141928
³ Property Code 32975		⁴ API Number 30 - 025-36419
⁵ Property Name Mohican "28" State		⁶ Well No. 1

Surface Location

UL or lot no.	Section	Township	Range	Lot/Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	28	17S	33E		1980	South	1330	East	Lea

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
⁷ Proposed Pool 1 Leamex; Penn					⁸ Proposed Pool 2 Wildcat; Wolfcamp				

⁹ Work Type Code P	¹⁰ Well Type Code O	¹¹ Cable/Runway R	¹² Lease Type Code S	¹³ Ground Level Elevation 4168'
¹⁴ Multiple No	¹⁵ Proposed Depth 13,670'	¹⁶ Formation Mississippian	¹⁷ Contractor Patterson-UTI Drllg	¹⁸ Spud Date 09/29/03

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#	4804'	1750	Surface
8-3/4"	5-1/2"	17#	11,910'	1000	7600'

¹⁹ 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.

Set openhole cement plugs: 45 sx @13,670' & 60 sx @12,100'.

We will attempt to test several zones in the Cisco and/or Wolfcamp formations through perforations until a productive interval is found.

Proposed perforations will range from 11,712' up to 9,782'.

²⁰ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: 		Approved by:	
Printed name: Nolan von Roeder		Title:	
Title: Engineer		Approval Date:	Expiration Date:
E-mail Address: vonroeder@patenergy.com			
Date: 12/29/03	Phone: 325/573-1938	Conditions of Approval:	
		Attached <input type="checkbox"/>	

DISTRICT I

P.O. Box 1040, Hobbs, NM 88241-1040

DISTRICT II

P.O. Drawer 22, Artesia, NM 88211-0712

DISTRICT III

1900 Elc Brazos Rd., Artesia, NM 87410

DISTRICT IV

P.O. Box 2086, Santa Fe, N.M. 87504-2086

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised February 24, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2086

Santa Fe, New Mexico 87504-2086

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-36419	Pool Code	Pool Name LEAMEX; PENN
Property Code 32975	Property Name MOHICAN 28 STATE	Well Number 1
DEED No. 141928	Operator Name PATTERSON PETROLEUM, LP	Elevation 4168'

Surface Location

UL or lot No.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County
J	28	17 S	33 E		1980	SOUTH	1330	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
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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

<p>GEODETHIC COORDINATES</p> <p>NAD 27 NME</p> <p>Y=656752.9 N</p> <p>X=705863.5 E</p> <p>LAT. 32°48'13.36" N</p> <p>LONG. 103°39'48.03" W</p>		<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information submitted herein is true and complete to the best of my knowledge and belief.</p> <p><i>Nolan von Roeder</i></p> <p>Signature</p> <p>Nolan von Roeder</p> <p>Printed Name</p> <p>Engineer</p> <p>Title</p> <p>12/24/03</p> <p>Date</p>
		<p>SURVEYOR CERTIFICATION</p> <p>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 are true and correct to the best of my belief.</p> <p>SEPTEMBER 8, 2003</p> <p>Date Surveyed</p> <p>Signature: <i>[Signature]</i></p> <p>Professional Surveyor</p> <p>NEW MEXICO</p> <p>9/19/03</p> <p>03.11.09</p> <p>Certificate No. GARY E. ROSEN 12641</p>

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised May 08, 2003

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-36419
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator PATTERSON PETROLEUM LP		6. State Oil & Gas Lease No.
3. Address of Operator P.O. DRAWER 1416, SNYDER, TX 79550		7. Lease Name or Unit Agreement Name MOHICAN "28" STATE
4. Well Location Unit Letter <u>J</u> <u>1980</u> feet from the <u>SOUTH</u> line and <u>1330</u> feet from the <u>EAST</u> line Section <u>28</u> Township <u>17S</u> Range <u>33E</u> NMPM County <u>LEA</u>		8. Well Number 1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4168' GR		9. OGRID Number 141928
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: <input type="checkbox"/>		SUBSEQUENT REPORT OF: REMEDIAL WORK <input checked="" type="checkbox"/> ALTERING CASING <input checked="" type="checkbox"/> COMMENCE DRILLING OPNS <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

11/25/03 TD = 13,670'. Set 45 sk cement plug @13,670'. Set second plug 60 sx @12,100' in 8-3/4" openhole. RBTB = 12,000'.
 11/26/03 Altered casing program. Set 5 1/2" 17#/ft casing @11,910' & cemented w/1000 sx. PBTB = 11,810'.

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

SIGNATURE Nolan von Roeder TITLE Engineer DATE 12/24/03

Type or print name Nolan von Roeder Telephone No. (325) 573-1938
 (This space for State use)

APPROVED BY _____ TITLE _____ DATE _____
 Conditions of approval, if any:



State of New Mexico
OIL CONSERVATION COMMISSION

From

MICHAEL E. STOGNER
PETROLEUM ENGINEER

Memo

To - Thur. Jan. 8 10:48 AM

Voice Mail from Joe Fitzgerald
w/ Patterson Petr.

dry Morrow well in Lea Cty. - standard gas loc.
completed as a Wcamp oil - NSL

432-685-1414

Mon. Jan. 12 8:16 AM

2nd Voice Mail from Fitzgerald

28-175-33E

1-800-470-4200

Mon. Jan. 12 11:51 AM

P.O. BOX 2088

LAND OFFICE BUILDING

SANTA FE, NEW MEXICO 87504

505-827-5811

- returned Fitzgerald's call
- not in, left message

(me)

Mon. 1-12-04

2:41 PM

- talked w/ Fitzgerald
 - discussed issues
 - Is send appl. via fax
- tomorrow