

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

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JAN 07 2010

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State of New Mexico  
Energy Minerals and Natural Resources

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

Form C-101  
June 16, 2008

Submit to appropriate District Office

☐ AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN,  
PLUGBACK, OR ADD A ZONE**

<sup>1</sup> Operator Name and Address <b>LIME ROCK RESOURCES A, L.P.</b> C/o Mike Pippin LLC, 3104 N. Sullivan, Farmington, NM 87401		<sup>2</sup> OGRID Number 255333
		<sup>3</sup> API Number 30-025-12583
<sup>3</sup> Property Code 304261	<sup>5</sup> Property Name SCHENCK ATP	<sup>6</sup> Well No. #1
<sup>9</sup> Proposed Pool 1 Townsend Permo Upper Penn (59847)		<sup>10</sup> Proposed Pool 2

**<sup>7</sup> Surface Location**

UL or lot no. D	Section 11	Township 16-S	Range 35-E	Lot Idn	Feet from the 660	North/South line North	Feet from the 608	East/West line West	County LEA
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**<sup>8</sup> 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
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**Additional Well Information**

<sup>11</sup> Work Type Code Plugback	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary N/A	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 3988'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth N/A	<sup>18</sup> Formation Upper Penn	<sup>19</sup> Contractor N/A	<sup>20</sup> Spud Date N/A

**<sup>21</sup> Proposed Casing and Cement Program**

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC

**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.

Lime Rock would like to plugback the Strawn Perfs & recomple into the Townsend Permo Upper Penn as follows: MIRUSU. TOH w/tbg. Set a 3-1/2" CIBP @ about 11,400' & top w/35' cmt. Perf the Townsend Permo Upper Penn @ about 10,822'-10,908'. Test new perfs & acidize and/or frac as necessary. TIH w/production tbg & complete as a single Wolfcamp oil well. See attached wellbore diagram.

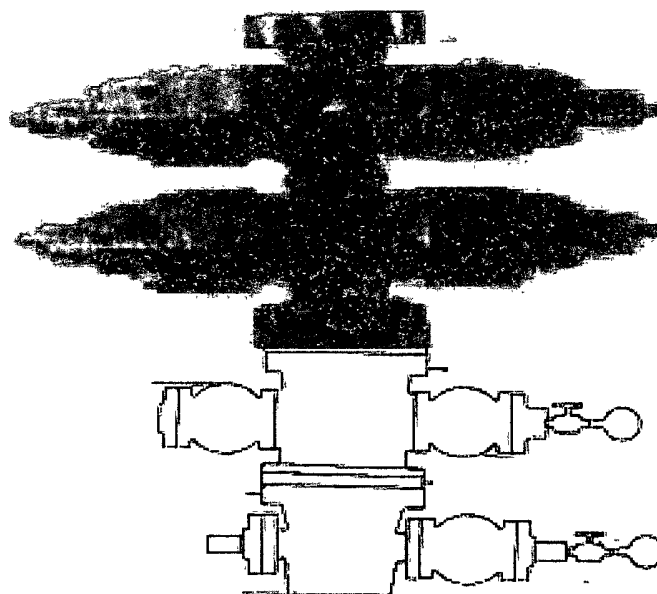
**Permit Expires 2 Years From Approval  
Date Unless Drilling Underway  
Plugback**

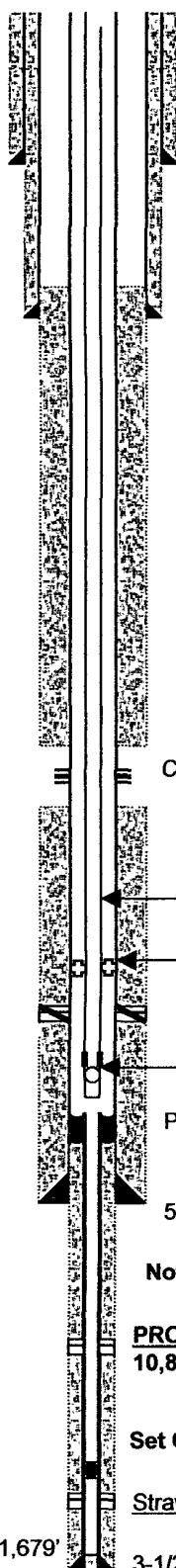
<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Mike Pippin</i>		<b>OIL CONSERVATION DIVISION</b>	
Printed name: Mike Pippin		Approved by: <i>[Signature]</i>	
Title: Petroleum Engineer		Title: <b>PETROLEUM ENGINEER</b>	
E-mail Address: mike@pippinllc.com		Approval Date: <b>JAN 12 2010</b> Expiration Date:	
Date: 1/6/10	Phone: 505-327-4573	Conditions of Approval Attached <input type="checkbox"/>	

## BOP Arrangement for Lea County

3,000#, Double-Ram  
BOP (Rental)

Wellhead





13-3/8", 48#, H-40, ST&C  
Casing @ 330'

8-5/8", 32#, J-55, ST&C  
Casing @ 4,646'

Connected new casing back to existing 5-1/2" casing @ 7,980'

2-1/2"x1-1/2"x30' RHBC Pump on rod string consisting of 1,652 of 1" CoRod; –  
4,035' of 15/16" CoRod & 4,575' of 7/8" CoRod

Tubing Anchor @ 9,986'

Wolfcamp Perfs SQUEEZED: 10,270-72'

2-7/8" L-80 Tubing w/ SN @ 10,304' & EOT @ 10,337'

PBR seal assembly @ 10,387'

3-1/2"; 8.81# (9.3#); L-80; CMFJ-4 Flush-line Liner (top) @ 10,398'

5-1/2"; 15.5-17#; J-55, L-80, & P-110 LT&C, Casing @ 10,490'

**Note:** Original well completed in open hole from 10,490' to 10,629'

**PROPOSED Upper Penn Perfs**: 10,822-24'; 10,836'; 10,839 -44'; 10,848-50'; 10,853-57'; 10,863';  
10,867'; 10,887-90' 10,897' & 10,904-08' (30 – 0.42" ID holes)

Set CIBP @ 11,400' & dump bail 35' cement on top of plug

Strawn Perfs: 11,448-60' (78 – 0.27" ID holes)

3-1/2"; 8.81#; L-80; CMFJ-4 Flush-line Liner @ 11,696'

PBTD @ 11,679'

TD @ 11,712'

Elevation: 3,988' GL

Date Spud: 01/03/00

Date TD'd: 02/06/00

Date Completed: 02/23/00

<u>Zone</u>	<u>Frac</u>
Strawn	2,500 gals 15% NEFE acid

**Recompletions & Workovers**

<u>Date</u>	
09/17/54	Original well completed in Wolfcamp
11/02/65	Original well P&A'd after producing from Wolfcamp
01/03/00	Re-entered previously P&A'd Wolfcamp well to test Strawn
08/09/00	Put well on pump

Current Status:

Last Well Test:

**Lime Rock Resources**

**Schenck ATP 1**

**Sec 11-16S-35E**

**Lea County, NM**

**Updated: 10 Dec 2009 SJH**

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## District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

## State of New Mexico

Energy, Minerals &amp; Natural Resources Department

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

RECEIVED

JAN 07 2010

HOBBSOCD

CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-12583	<sup>2</sup> Pool Code 59847	<sup>3</sup> Pool Name Townsend Permo Upper Penn
<sup>4</sup> Property Code	<sup>5</sup> Property Name SCHENCK ATP	<sup>6</sup> Well Number 1
<sup>7</sup> OGRID No. 255333	<sup>8</sup> Operator Name LIME ROCK RESOURCES A, L.P.	<sup>9</sup> Elevation 3988' GL

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	11	16-S	35-E		660'	NORTH	608'	WEST	LEA

<sup>11</sup> 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

<sup>12</sup> Dedicated Acres 40	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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><sup>17</sup> <b>OPERATOR CERTIFICATION</b>  <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p>Signature: <u>Mike Pippin</u> Date: <u>1/6/10</u></p> <p>Printed Name: <u>Mike Pippin</u></p>							
					<p><sup>18</sup> <b>SURVEYOR CERTIFICATION</b>  <i>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.</i></p>			
					<p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p>			
					<p>Certificate Number</p>			