

DATE IN 12-15-08	SUSPENSE	ENGINEER W. Jones	LOGGED IN 12-15-08	TYPE BHC	APP NO. PKAA 0835046270
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ABOVE THIS LINE FOR DIVISION USE ONLY

RECEIVED

**NEW MEXICO OIL CONSERVATION DIVISION**  
- Engineering Bureau -

2008 DEC 15 AM 11:43 1220 South St. Francis Drive, Santa Fe, NM 87505



API 30-025-35250  
Cherry ASWV state Com #1  
Lime Rock Resources

**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Application Acronyms:**

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]  
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication  
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement  
☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify \_\_\_\_\_

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or ☐ Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☐ Offset Operators, Leaseholders or Surface Owner
- [C] ☐ Application is One Which Requires Published Legal Notice
- [D] ☐ Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] ☐ Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Mike Pippin  
Print or Type Name

*Mike Pippin*  
Signature

Petroleum Engineer  
Title

December 15, 2008  
Date

mike@pippinllc.com  
e-mail Address

LIME ROCK RESOURCES, L.P.  
Mike Pippin  
3104 N. Sullivan Avenue  
Farmington, NM 87401  
505-327-4573 (phone) mike@pippinllc.com

December 15, 2008

NMOCD  
c/o Will Jones  
1220 South St. Francis Drive  
Santa Fe, NM 87505

**RE: Application for Downhole Commingling - C-107A**  
CHEVY AWW STATE COM #1 – API#: 30-025-35250  
Unit Letter "N" Section 13 T15S R34E  
Lea County, New Mexico

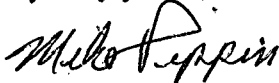
Dear Mr. Jones:

Lime Rock Resources would like to commingle the existing Eidson, Morrow North interval with the proposed new Wildcat Canyon interval in the referenced well. Attached is the C-107A along with the necessary supporting data.

Following the workover operations, Lime Rock will submit the necessary well tests, commingle allocations, and calculations on a C-103 to the NMOCD district office.

Please contact me at 505-327-4573 should you have any questions.

Very truly yours,



Mike Pippin  
Petroleum Engineer

Enclosures

District I  
1625 N. French Drive, Hobbs, NM 88240

District II  
1301 W. Grand Avenue, Artesia, NM 88210

District III  
1000 Rio Huerfano Road, Aztec, NM 87410

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107A  
Revised June 10, 2003

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

APPLICATION TYPE  
☒ Single Well  
Establish Pre-Approved Pools  
EXISTING WELLBORE  
☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

Operator LIME ROCK RESOURCES A, L.P. c/o Mike Pippin LLC (agent), 3104 N. Sullivan, Farmington, NM 87401  
Address

Lease CHEVY AWW STATE COM #1 N SEC. 13 T15S R34E LEA  
Well No. Unit Letter-Section-Township-Range County

OGRID No. 255333 Property Code 26892 API No. 30-025-35250 Lease Type: ☐ Federal ☒ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	WILDCAT CANYON <i>Gas</i>		EIDSON: Morrow North
Pool Code	<del>96055?</del>		76360
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	11,194'-12,002'		12,878'-12,976'
Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)			1.213
Producing, Shut-In or New Zone	New Zone		Producing
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)		Date: Rates:	Date: October 2008 Rates: 28.7 MCF/D 0 BOPD & 0 BWPD
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas % %	Oil Gas % %	Oil Gas % %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes ☒ No ☐  
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes ☐ No ☐  
Are all produced fluids from all commingled zones compatible with each other? Yes ☒ No ☐  
Will commingling decrease the value of production? Yes ☐ No ☒  
If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes ☒ No ☐  
NMOCD Reference Case No. applicable to this well: R-11542-A

Attachments:

C-102 for each zone to be commingled showing its spacing unit and acreage dedication.  
Production curve for each zone for at least one year. (If not available, attach explanation.)  
For zones with no production history, estimated production rates and supporting data.  
Data to support allocation method or formula.  
Notification list of working, royalty and overriding royalty interests for uncommon interest cases.  
Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:  
List of other orders approving downhole commingling within the proposed Pre-Approved Pools  
List of all operators within the proposed Pre-Approved Pools  
Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.  
Bottomhole pressure data.

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

SIGNATURE Mike Pippin TITLE Petroleum Engineer - Agent DATE December 15, 2008

TYPE OR PRINT NAME Mike Pippin TELEPHONE NO. ( 505 ) 327-4573

E-MAIL ADDRESS mike@pippinllc.com

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, 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 & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised October 12, 2005  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-35250	<sup>2</sup> Pool Code 96055?	<sup>3</sup> Pool Name Wildcat Canyon
<sup>4</sup> Property Code 26892	<sup>5</sup> Property Name CHEVY AWV STATE COM	<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 4056' GL

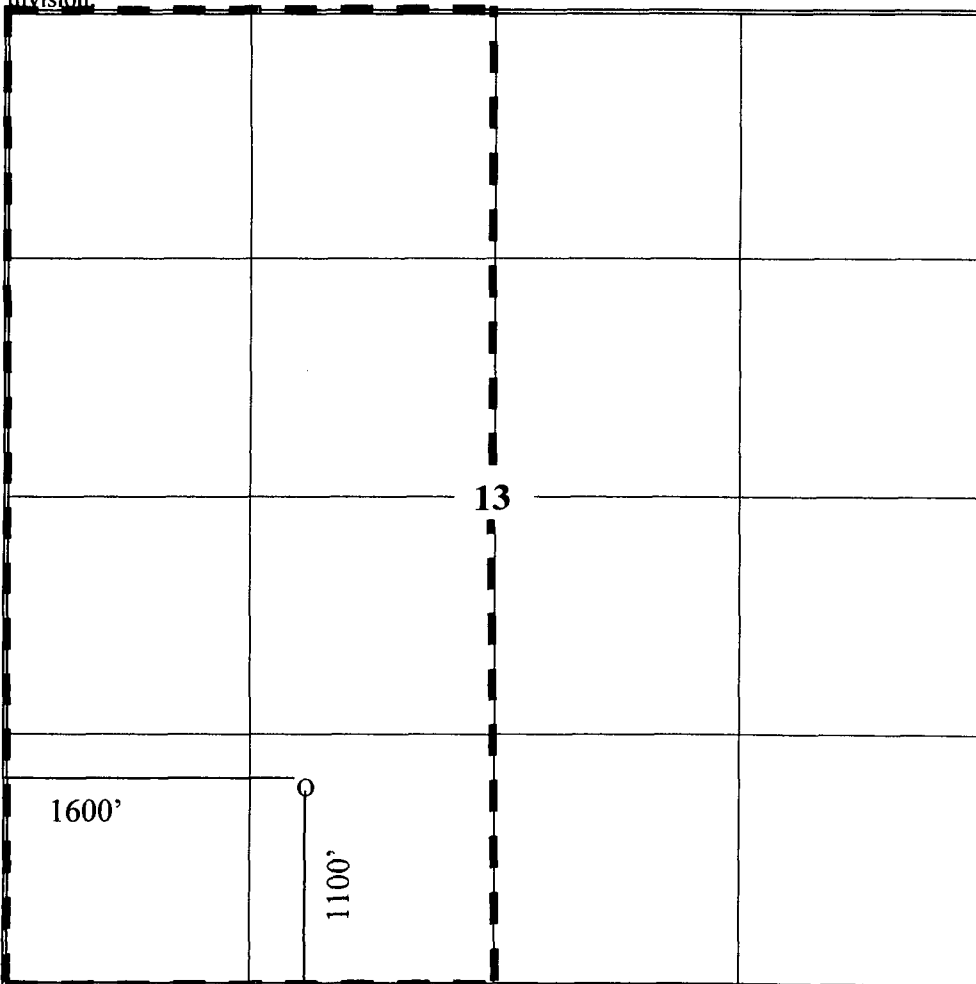
<sup>10</sup> Surface Location

UL or lot no. N	Section 13	Township 15-S	Range 34-E	Lot Idn	Feet from the 1100	North/South line SOUTH	Feet from the 1600	East/West line WEST	County LEA
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<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 320	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No. R-11542-A						

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 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.</p> <p>Signature: <u>Mike Pippin</u> Date: 12/12/08</p> <p>Printed Name: Mike Pippin</p>
	<p><sup>18</sup> <b>SURVEYOR CERTIFICATION</b> 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.</p> <p>Date of Survey: 11/6/00</p> <p>Signature and Seal of Professional Surveyor: Herschel L. Jones</p>
	3640
	Certificate Number

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, 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 & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised October 12, 2005  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-35250	<sup>2</sup> Pool Code 76360	<sup>3</sup> Pool Name Eidson, Morrow North
<sup>4</sup> Property Code 26892	<sup>5</sup> Property Name CHEVY AWV STATE COM	<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 4056' GL

<sup>10</sup> Surface Location

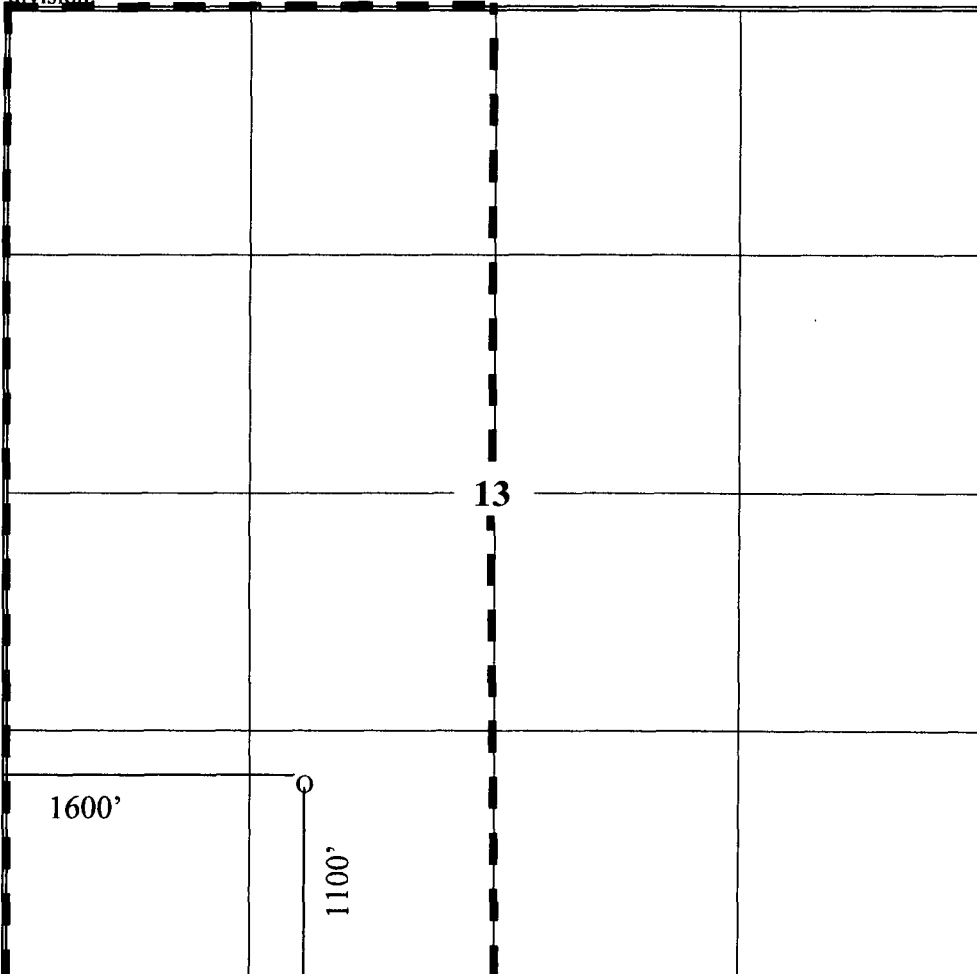
UL or lot no. N	Section 13	Township 15-S	Range 34-E	Lot Idn	Feet from the 1100	North/South line SOUTH	Feet from the 1600	East/West line WEST	County LEA
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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<sup>12</sup> Dedicated Acres 320	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No R-11542-A
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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 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.</p> <p>Signature: <u>Mike Pippin</u> Date: <u>12/12/08</u></p> <p>Mike Pippin Printed Name</p>
	<p><sup>18</sup> <b>SURVEYOR CERTIFICATION</b> 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.</p> <p>11/6/00 Date of Survey</p> <p>Signature and Seal of Professional Surveyor: Herschel L. Jones</p> <p>3640 Certificate Number</p>

LIME ROCK RESOURCES  
 LEASE: CHEVY AWW STATE COM 001  
 FIELD: EIDSON [ MORROW, NORTH (GAS) ]  
 COUNTY: LEA STATE: NM  
 OPERATOR: LIMEROCK RESOURCES INC

Water-bbl/mo  
 Gas-mcf/mo  
 Oil-bbl/mo

1000  
 10000  
 1000

Yield,B/MM

1000

100

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# Monthly Allocation Summary

From Oct 2008 to Oct 2008

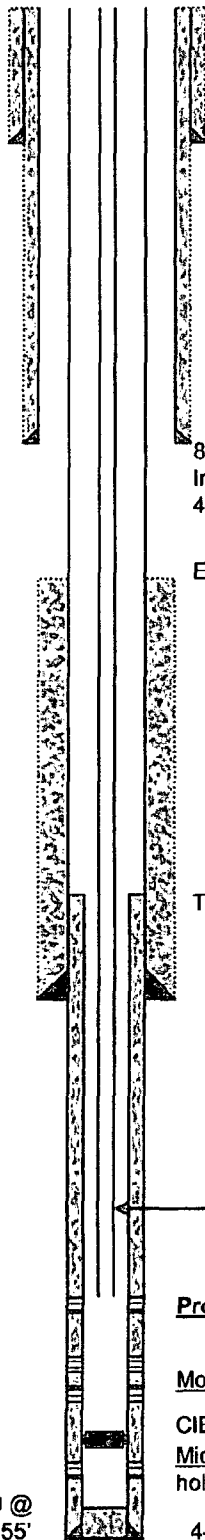
Print Date: 12/12/2008 11:27 am

Page 1 of 1

Date	Days On	Days Inj.	Oil (bbls)		Gas (mcf)		Theo Prod		Weighted Avg BTU Factor (mmbtu/mscf)		Runs Production		Injection Theo Prod	
			Beginning	Ending	Beginning	Ending	Beginning	Ending	Beginning	Ending	Beginning	Ending	Beginning	Ending
409	CHEVY AWW STATE COM #1	S1	83.1	83.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10/1/2008	31.0	0.0	83.1	83.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total:			83	83	0	0	0	0	0	0	0	0	0	0



# WELLBORE AFTER PROPOSED RECOMPLETION



11-3/4", 42#, H-40, ST&C  
Surface Casing @ 438'

8-5/8", 32#, J-55, ST&C  
Intermediate Casing @  
4,590'

Est TOC @ 7,000'

Top of 4-1/2"; 11.6#; P-110 Liner @ 9,410'

7"; 26#; SP-110; FJ Casing @ 9,962'

2-3/8", 4.7#, L-80, EUE 8rd Tubing

**Proposed Canyon Perfs: 11,194-02' (6 SPF)**

**Morrow Perfs: 12,878-84' & 12,906-10' (72 – 0.42" DIA holes)**

**CIBP @ 12,960' w/ 10' cement on top of plug**

**Middle Morrow Perfs: 12,968-76' (48 – 0.42" DIA holes)**

4-1/2"; 11.6#; P-110; LT&C Liner @ 13,200'

PBTD @  
13,155'

TD @ 13,200'

Elevation: 4,056' GL

Date Spud: 08/29/01

Date TD'd: 11/09/01

Date Completed: 12/21/01

Zone	Frac

## Recompletions & Workovers

Date	
12/06/02	Installed plunger lift.

**Current Status:**

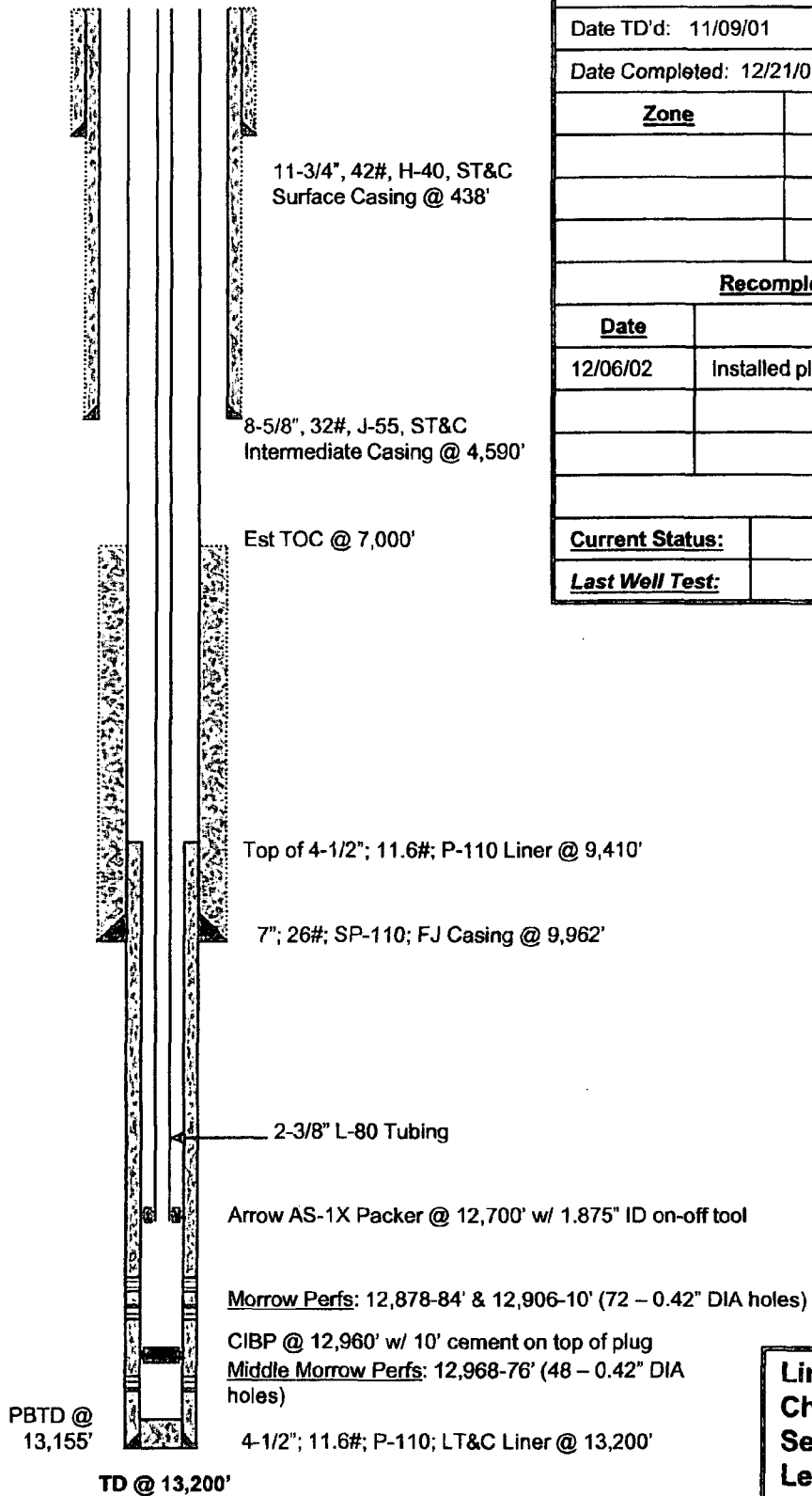
**Last Well Test:**

**Lime Rock Resources  
Chevy AWW State Com 1  
Sec 13K-15S-34E  
Lea County, NM  
Updated: 07 July 2008 SJH**





**LIME ROCK  
RESOURCES**



Elevation: 4,056' GL

Date Spud: 08/29/01

Date TD'd: 11/09/01

Date Completed: 12/21/01

<u>Zone</u>	<u>Frac</u>

**Recompletions & Workovers**

<u>Date</u>	
12/06/02	Installed plunger lift.

**Current Status:**

**Last Well Test:**

**Lime Rock Resources  
Chevy AWW State Com 1  
Sec 13K-15S-34E  
Lea County, NM  
Updated: 27 May 2008 SJH**

LIME ROCK RESOURCES, L.P.  
Mike Pippin  
3104 N. Sullivan Avenue  
Farmington, NM 87401  
505-327-4573 (phone) mike@pippinllc.com

December 15, 2008

New Mexico Commissioner of Public Lands  
c/o Jeff Albers  
310 Old Santa Fe Trail  
PO Box 1148  
Santa Fe, NM 87504-1148

**RE: Notification of Downhole Commingling**  
CHEVY AWW STATE COM #1 – API#: 30-025-35250  
Unit Letter "N" Section 13 T15S R34E  
Lea County, New Mexico

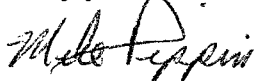
Dear Mr. Albers:

Lime Rock Resources would like to commingle the existing Eidson, Morrow North interval with the proposed new Wildcat Canyon interval in the referenced well. The designated acreage for the proposed commingle will be the west half of section 13. The referenced well is communitized.

This letter is to notify you that we have submitted the necessary application and supporting data to the New Mexico Oil Conservation Division.

Please contact me at 505-327-4573 should you have any questions.

Very truly yours,



Mike Pippin  
Petroleum Engineer



RECEIVED

2009 JAN 2 PM 2 23

PATRICK H. LYONS  
COMMISSIONER

*State of New Mexico*  
*Commissioner of Public Lands*

310 OLD SANTA FE TRAIL  
P.O. BOX 1148  
SANTA FE, NEW MEXICO 87504-1148

COMMISSIONER'S OFFICE

Phone (505) 827-5760  
Fax (505) 827-5766  
www.nmstatelands.org

December 30, 2008

Lime Rock Resources  
3104 North Sullivan Avenue  
Farmington, New Mexico 87401

Attn: Mr. Mike Pippin

Re: Downhole Commingling Application  
Chevy AWV State Com Well No. 1 ( API # 30-025-35250)  
Unit Letter N, Section 13-15S-34E  
Edison, Morrow North and Wildcat Canyon Pools  
Lea County, New Mexico

Dear Mr. Pippin:

Thank you for your application to downhole commingle the Edison, Morrow North and Wildcat Canyon pools from the referenced well in Lea Arriba County, New Mexico.


Since it appears that all the New Mexico Oil Conservation's (OCD) rules and regulations have been complied with, and there will be no loss of revenue to the State of New Mexico as a result of your proposed operation, your application is approved. Any deviation from the substance of your application will be cause for rescinding our approval, and approval is subject to like approval by the OCD.

Please submit a filing fee in the amount of \$30.00.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

PATRICK H. LYONS  
COMMISSIONER OF PUBLIC LANDS

BY: 

JAMI BAILEY, Director  
Oil, Gas and Minerals Division  
PL/JB/jm  
Enclosure  
xc: Reader File

OCD—Ed Martin,

**-State Land Office Beneficiaries -**

Carrie Tingley Hospital • Charitable Penal & Reform • Common Schools • Eastern NM University • Rio Grande Improvement • Miners' Hospital of NM • NM Boys School • NM Highlands University • NM Institute of Mining & Technology • New Mexico Military Institute • NM School for the Deaf • NM School for the Visually Handicapped • NM State Hospital • New Mexico State University • Northern NM Community College • Penitentiary of New Mexico • Public Buildings at Capital • State Park Commission • University of New Mexico • UNM Saline Lands • Water Reservoirs • Western New Mexico University