

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
June 16, 2008

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

RECEIVED
MAY 06 2010

Submit to appropriate District Office

☐ AMENDED REPORT

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

HOBBSOCD

¹ Operator Name and Address LIME ROCK RESOURCES A, L.P. C/o Mike Pippin LLC, 3104 N. Sullivan, Farmington, NM 87401		² OGRID Number 255333
		³ API Number 30 - 025-30746
³ Property Code 304134	⁵ Property Name DOUBLE ABJ STATE	⁶ Well No. #1
⁹ Proposed Pool 1 Wildcat: Double X Wolfcamp		¹⁰ Plugback Pool Double X Strawn (97026)

⁷ Surface Location

UL or lot no B	Section 16	Township 24-S	Range 32-E	Lot Idn	Feet from the 660	North/South line North	Feet from the 1980	East/West line East	County LEA
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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
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Additional Well Information

¹¹ Work Type Code Plugback	¹² Well Type Code G	¹³ Cable/Rotary N/A	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3604'
¹⁶ Multiple N	¹⁷ Proposed Depth N/A	¹⁸ Formation PB. Strawn - New: Wolfcamp	¹⁹ Contractor	²⁰ Spud Date 7/31/90

²¹ Proposed Casing and Cement Program

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

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 Double X Strawn Perfs & recomplete into the Wildcat: Double X Wolfcamp as follows: MIRUSU. TOH w/tbg & pkr. Set 4-1/2" CIBP @ 14,000' & place 35' cmt on top of plug. Perf lower Wolfcamp @ about 13,730'-836, 13,764'-70', 13,800'-06', & 13,874'-80' w/~1 spf. Using a 3-1/2" P-110 frac string w/pkr @ about 12,900', frac lower Wolfcamp w/~100,000# 20/40 bauxite in X-linked gel. CO after frac & test. Depending on the production test, set a 4-1/2" CBP @ about 13,700'. Perf upper Wolfcamp @ about 13,500'-06', 13,530'-36', 13,560'-66', 13,590'-96', 13,636'-42', & 13,670'-76' w/~1 spf. Using a 3-1/2" P-110 frac string w/pkr @ about 12,900', frac upper Wolfcamp w/~100,000# 20/40 bauxite in X-linked gel. CO after frac & test. The test data will dictate whether the CBP is drilled out & production equipment is installed.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Mike Pippin

Printed name: Mike Pippin

Title: Petroleum Engineer

E-mail Address: mike@pippinllc.com

Date: 5/5/10

Phone: 505-327-4573

OIL CONSERVATION DIVISION

Approved by:

[Signature]
PETROLEUM ENGINEER

Title:

Approval Date:

MAY 20 2010

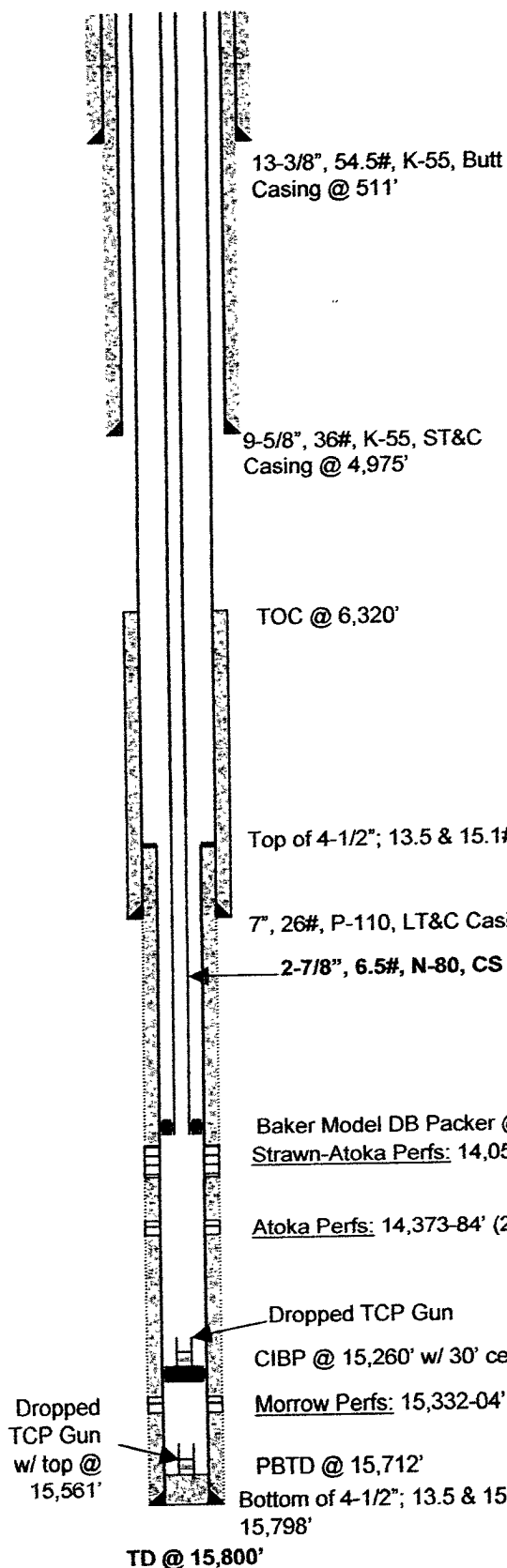
Expiration Date:

Conditions of Approval Attached ☐

Permit Expires 2 Years From Approval
Date Unless Drilling Underway
Plugback



LIME ROCK RESOURCES



Elevation: 3,604.8' GL

Date Spud: 07/31/90

Date TD'd: 09/29/90

Date Completed: 10/02/90

Zone	Frac
Strawn & Atoka (14,050-384')	10,000 gals 15% HCl w/ CO2
Strawn & Atoka (14,050-158')	750 gals 15% HCl
Morrow (15,332-404')	500 gals 7-1/2% HCl & 5,000 gals 70/30 2% KCl & methanol

Recompletions & Workovers

Date	
06/19/97	First gas sales
05/28/98	Perforated, Atoka (14,373-384') and commingled w/ existing Strawn-Atoka
05/21/08	Parted sand line. Left 800' of line w/ jars, sinker bar & swab mandrel in hole.

Current Status:

Last Well Test:

Lime Rock Resources

Double ABJ State 1

Sec 16B-24S-32E

Lea County, NM

Updated: 03 Nov 2008 SJH

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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 October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-30746	² Pool Code 96041	³ Pool Name WILDCAT, Double X Wolfcamp
⁴ Property Code 304134	⁵ Property Name DOUBLE ABJ STATE	⁶ Well Number 1
⁷ OGRID No. 255333	⁸ Operator Name LIME ROCK RESOURCES A, L.P.	⁹ Elevation 3604' GL

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	16	24-S	32-E		660'	NORTH	1980	EAST	LEA

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 E/2 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.

660'	0	1980'	¹⁷ OPERATOR CERTIFICATION 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. Signature: <u>Mike Pippin</u> Date: 4/29/10 Printed Name: <u>Mike Pippin</u>
			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. 11/9/89 Date of Survey Signature and Seal of Professional Surveyor: John W. West 676 Certificate Number

OPERATOR: Please do not report production under this pool code until you have checked with the OCD District I Geologist Paul Kautz, and he confirms where your perfs are producing from and gives you the correct pool code.