

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

NM43522

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Lime Rock Resources A, L.P.

3a. Address

Heritage Plaza, 1111 Bagby, Suite 4600, Houston, TX, 77002

3b. Phone No. (include area code)

(713) 292-9516

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.

Azotea AJZ Federal 1

9. API Well No.

30-015-26887

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1,980' FNL & 810' FWL Section 9 T23S-R-24E

10. Field and Pool or Exploratory Area

Undesignated Robina Draw Atoka

11. Country or Parish, State

Eddy County, New Mexico

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Plugging Report:

08-25-2010: Move in and rig up equipment.
08-26-2010: Pull tubing and packer. Set CIBP at 9,750'.
08-27-2010: Spot 25 sxs of cement on top of plug. POOH. Set down at 8,265'. POOH and SD for night.
08-30-2010: Tagged up at 8,333'. POOH and wait on orders from BLM.
09-01-2010: RIH with bit on tubing. Tagged up at 8,324'. SD for night.
09-02-2010: Drilled cement from 8,333' to 8,673'. RIH and tag at 9,782'.
09-07-2010: RIH with slickline and tag at 9,235'. POOH.
09-08-2010: RIH with bit and tag at 9,713'. POOH.
09-09-2010: Set CIBP at 8,625'. Tag with tubing. Spot 25 sxs cement on top of plug. POOH. Perf 5-1/2" casing at 7,779'.
09-10-2010: Spot 30 sxs cement from 7,756' to 7,525'. POOH & WOC. Tagged cement. POOH. Perf 5-1/2" casing at 3,217'.
09-13-2010: Spot 25 sxs cement from 3,267' to 3,082'. POOH & WOC. Tagged cement. POOH. Perf 5-1/2" casing at 2,472'. RIH with packer and squeeze 25 sxs cement. POOH & WOC.
09-14-2010: Tag cement at 2,220'. Perforate 5-1/2" casing at 2,211'. Spot 25 sxs cement. POOH & WOC. Perf 5-1/2" casing at 1,563'. POOH. Spot 25 sxs cement at 1,613'. POOH & WOC. Perf 5-1/2" casing at 453'. Squeeze 35 sxs cement. POOH & WOC.
09-15-2010: Tag cement at 332'. POOH. Perf 5-1/2" casing at 60'. Circulate 20 sxs cement back to surface. Rig down. Cut off wellhead and install dry hole marker. Cut off anchors and fill in cellar. Clean and level location.

Accepted as to plugging of the well bore.
Liability under bond is retained until
Surface restoration is completed.

Reclamation Completed.

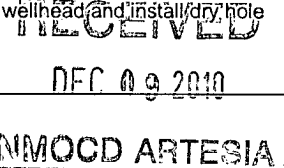
14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Steven J. Hunter

Title Production Manager

Signature

Date 11/29/2010



THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

DEC 4 2010

Office

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

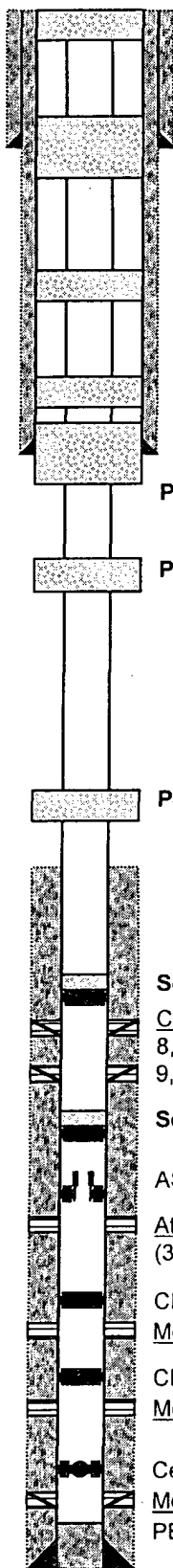
(Instructions on page 2)

Colt



**LIME ROCK
RESOURCES**

FINAL ABANDONMENT



Perforated casing @ 60' and circulated casing full of cement back to surface

13-3/8", 54.5#, J-55, ST&C Surface Casing @ 403'

Perforated 5-1/2" casing @ 453' and spotted 25 sxs cement . Tagged TOC @ 332'.

Perforated 5-1/2" casing @ 1,563' and spotted 25 sxs cement .

Perforated 5-1/2" casing @ 2,170' and spotted 25 sxs cement .

9-5/8", 36#, J-55, ST&C Intermediate Casing @ 2,412'

Perforated casing @ 2,472' and spotted 25 sxs cement. Tagged TOC @ 2,220'.

Perforated 5-1/2" casing @ 3,217' and spotted 25 sxs cement. Tagged TOC @ 3,082'.

Perforated 5-1/2" casing @ 7,779' and spotted 30 sxs cement. Tagged TOC @ 7,525'.

Set CIBP @ 8,625' and placed 25 sxs cement on top of plug

Canyon & Strawn Perfs (SQZD):

8,662-65'; 8,669-71'; 8,842-50'; 9,253-56'; 9,613';
9,633-34' & 9,636-38' (42 – 0.42" DIA holes)

Set CIBP @ 9,750' and placed 35' cement on top of plug

AS-1 Packer w/ 2.25" on-off Tool @ 9,797'

Atoka Perfs: 9,949-54'

(36 – 0.42" DIA holes)

CIBP @ 10,360' w/ 35' cement on top

Morrow Perfs: 10,411-34' (144 – 0.42" DIA holes)

CIBP @ 10,466' w/ 35' cement on top

Morrow Perfs: 10,516-17'; 10,553-54' & 10,558' (14 – 0.42" DIA holes)

Cement retainer @ 10,714'

Morrow Perfs (SQZD): 10,746-51' (10 – 0.42" DIA holes)

PBTD @ 10,878'

5-1/2"; 15.5 & 17#; J-55 & N-80; LT&C Casing @ 10,920'

TD @ 10,920'

<u>Zone</u>	<u>Top</u>
San Andres	1,239'
Yates	1,513'
Bone Springs	3,167'
Wolfcamp	7,729'
Strawn	8,659'
Atoka	7,115'
Morrow Clastics	10,441'

**Lime Rock Resources
Azotea AJZ Federal 1
Sec 9-23S-24E
Eddy County, NM**