RECEIVED

OCD-HOBBS

11. Country or Parish, State

Lea County, New Mexico

Approved as to plugging of the well bore.

Liability under bond is retained until

Surface restoration is completed.

	OCE -	
Form 3160-5 UNITED STA (August 2007) DEC 0 9 7() DEPARTMENT OF TO		FORM APPROVED OMB No 1004-0137 Expires: July 31, 2010
BUREAU OF LAND MANAGEMENT		5 Lease Serial No. NM-10472
Do not use this form for proposa abandoned well. Use Form 3160-3	ls to drill or to re-enter an	6. If Indian, Allottee or Tribe Name
SUBMIT IN TRIPLICATE – Other instructions on page 2.		7. If Unit of CA/Agreement, Name and/or No.
1. Type of Well ✓ Oil Well Gas Well Other	8. Well Name and No. Pronghorn AHO Federal	
2. Name of Operator Lime Rock Resources A, L.P.		9. API Well No. 30-025-26496
3a. Address Heritage Plaza, 1111 Bagby; Suite 4600 Houston, Texas 77002	3b. Phone No. (<i>include area code</i>) (713) 292-9514	10. Field and Pool or Exploratory Area Und. Red Tank; Delaware West

12. CHE	CK THE APPROPRIATE BOX	(ES) TO INDICATE NATU	RE OF NOTICE, REPORT OR OTH	ER DATA
TYPE OF SUBMISSION	TYPE OF ACTION			
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Production (Start/Resume) Reclamation	☐ Water Shut-Off ☐ Well Integrity
Subsequent Report	Casing Repair Change Plans	New Construction Plug and Abandon	Recomplete Temporarily Abandon	Other
Final Abandonment Notice	Convert to Injection	Plug Back	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 recomplete 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 recompletion 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.)

10/21/2008:

MOVE IN EQUIPMENT - NU BOP - POOH WITH TUBING - SDFD.

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

10/22/2008:

RIH WITH CIBP AND SET @ 8,101' - POOH - RIH AND CIRCULATE PLUGGING MUD - SDFD.

Unit G 1980' ENL & 1980' EEL: SECTION 6-T23S-33E

10/22/2008:

FINISH CIRCULATING HOLE WITH PLUGGING MUD - SDFD.

10/23/2008:

SPOT 25 SACKS ON TOP OF CIBP - POOH - RIH AND PERFORATE @ 5,151' - RIH WITH TUBING - PUMP 75 SACKS - POOH - WOC & SDFD. 10/24/2008:

RIH AND TAG @ 4,757' - CALL JIM W/ BLM - OK - RIH AND PERFORATE @ 3,191' - RIH WITH TUBING - PUMP 50 SACKS - POOH - WOC - RIH AND TAG @ 3,038' - RIH AND PERFORATE @ 1,460' - RIH WITH TUBING - PUMP 50 SACKS - POOH - WOC & SDFD. 10/27/2008:

RIH AND TAG @ 1,280' - POOH - RIH & PERFORATE @ 786' - POOH - RIH & PUMP 50 SACKS - POOH - WOC - RIH & TAG @ 662' - POOH & PERFORATE @ 150' - SDFD.

10/28/2008:

ND BOP - NU WELLHEAD - CIRCULATE 60 SACKS - LEAVING CASING FULL - DIG OUT WELLHEAD - CUT OFF WELLHEAD - CUT OFF ANCHORS - INSTALL DRYHOLE MARKER - LEVEL LOCATION - CLEAN UP LOCATION. WELL P&A'D.

14 I hereby certify that the foregoing is true and correct. Name (Printed/Typed)	
C. Tim Miller	Title VICE PRESIDENT - OPERATIONS
Signature C. J. M.	Date 11/24/08
TUIS SDACE FOR FEE	DERAL OR STATE OFFICE USE APPROVED
Inis space for rei	DERAL OR STATE OFFICE USE 711 110 V LD
Approved by	H Title Date 6 2008 :
Conditions of approval, if any, are attached Approval of this notice does not warrant that the applicant holds legal or equitable title to those rights in the subject lease which 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 of agency of the United States and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction



FINAL ABANDONMENT

Perforated at 150' and spotted cement from 150' back to surface

surface 13-3/8", 54.5#, J-55, ST&C Casing @ 736'

Perforated at 786' and spot 40 sx plug from 786' to 662' (tagged top of plug)

Perforated at 1,460' and spot 40 sx plug from 1,460' to 1,280' (tagged top of plug)

Perforated at 3,191' and spot 50 sx plug from 3,191' to 3,038' (tagged top of plug)

10-3/4"; 40.5, 45.5 & 51#; J-55; LT&C Casing @ 5,026

Perforated at 5,151' and pumped 75 sx plug from 5,151' to 4,757' (tagged top of plug)

TOC @ 7,901'

Set CIBP @ 8,101' and dumped 35' cement on top of plug Delaware Perfs: 8,156-62' & 8,168-84' (42 – 0.41" DIA holes)

Delaware Perfs: 8,672-80' & 8,745-58 (46 - 0.41" DIA holes)

Avalon Perfs: 8,960-74' (30 - 0.42" DIA holes)

Bone Springs Perfs: 9.921-39' & 10,003-50'

Bone Springs Perfs: 10,572-53' (60 - 0.24" DIA holes)

Top of 5"; 17.9#; S-95; SFJ Liner @ 11,676'

7-5/8", 29 & 33.7#, S-955, LT&C Casing @ 12,174'

Strawn Perfs: 13,804-905.5' (13 - 0.41" DIA holes)

3 79 7 4:6

Morrow Perfs: 14,794-00' (24 – 0.50" DIA holes)

Morrow Perfs: 15,031-35' (10 - 0.25" DIA holes)

PBTD @ 15,191'

5"; 17.9#; S-95; SFJ Liner @ 15,400'

TD @ 16,160'

<u>Formation</u>	<u>Top</u>	
Rustler	1,257'	
Delaware Lime	4,980'	
Delaware Sand	5,027	

Lime Rock Resources Pronghorn ABO Federal 1 Sec 6G-23S-33E Lea County, NM

Squeezed hole in casing 5,682-850 CIBP @ 8,540' w/ 35' cement on top CIBP @ 8,940' w/ 35' cement on top RBP @ 9,080' w/ 35' cement on top CIBP @ 10,215' w/ 35' cement on top CIBP@ 11,500'

Tbg cut off @ 12'603'
Packer @ 13,760'

CIBP @ 14,747' 🖁