

Amended Property Code

ATS-14-64

Form 3160-3  
(March 2012)

OCD Artesia

FORM APPROVED  
OMB No. 1004-0137  
Expires October 31, 2014

HIGH CAVEKARST

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

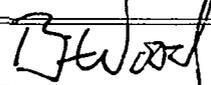
APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. NMNM-117806
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator LIME ROCK RESURCES II-A, L. P.		7. If Unit or CA Agreement, Name and No. N/A
3a. Address 1111 BAGBY ST., SUITE 4600 HOUSTON, TX 77002		8. Lease Name and Well No. LOGAN 35 J FEDERAL 20
3b. Phone No. (include area code) 713 292-9528		9. API Well No. 30-015-42247
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface 2110' FSL & 2225' FEL At proposed prod. zone 2260' FSL & 2310' FEL		10. Field and Pool, or Exploratory RED LAKE; GLORIETA-YESO, NE
14. Distance in miles and direction from nearest town or post office* 9 AIR MILES SE OF ARTESIA, NM		11. Sec., T. R. M. or Blk. and Survey or Area NWSE 35-17S-27E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) SHL: 530' BHL: 380'	16. No. of acres in lease 160	12. County or Parish EDDY
17. Spacing Unit dedicated to this well NWSE	18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. SHL: 492' (Lo. 35 Fd. 4) BHL: 663' (Lo. 35 Fd. 4)	13. State NM
19. Proposed Depth TVD: 4,500' MD: 4,517'	20. BLM/BIA Bond No. on file NMB-000797 & NMB-000817	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3,634.8 UNGRADED	22. Approximate date work will start* 12/20/2013	23. Estimated duration 1 MONTH

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. I, must be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the BLM.

25. Signature 	Name (Printed/Typed) BRIAN WOOD (PHONE: 505 466-8120)	Date 10/06/2013
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Title CONSULTANT	(FAX: 505 466-9682)
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Approved by (Signature) 	Name (Printed/Typed) /S/ STEPHEN J. CAFFREY	Date MAR 19 2014
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Title FIELD MANAGER	Office CARLSBAD FIELD OFFICE
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Application approval 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.  
Conditions of approval, if any, are attached. APPROVAL FOR TWO YEARS

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.

(Continued on page 2)

Roswell Controlled Water Basin



Approval Subject to General Requirements & Special Stipulations Attached

SEE ATTACHED FOR CONDITIONS OF APPROVAL