BUREAU OF LAND MANAGEMENT SUNDER MOTES AND REPORTS ON WELLS Do not use this form for proposals to drift or renoter an abadnoad well. Use Form 3169-3 (APD) for such proposals. If Indian, Alknake or Trike Name SUBMIT IN TRIPLICATE – Othor Instructions on reverse side The or Well One We	Form 3160-5 UNITED STA (November 1994) DEPARTMENT OF TH	IE INTERIOR OCD Artesia	FORM APPROVED OMB No. 1004-0135 Expires July 31, 1996 5. Lease Serial No.
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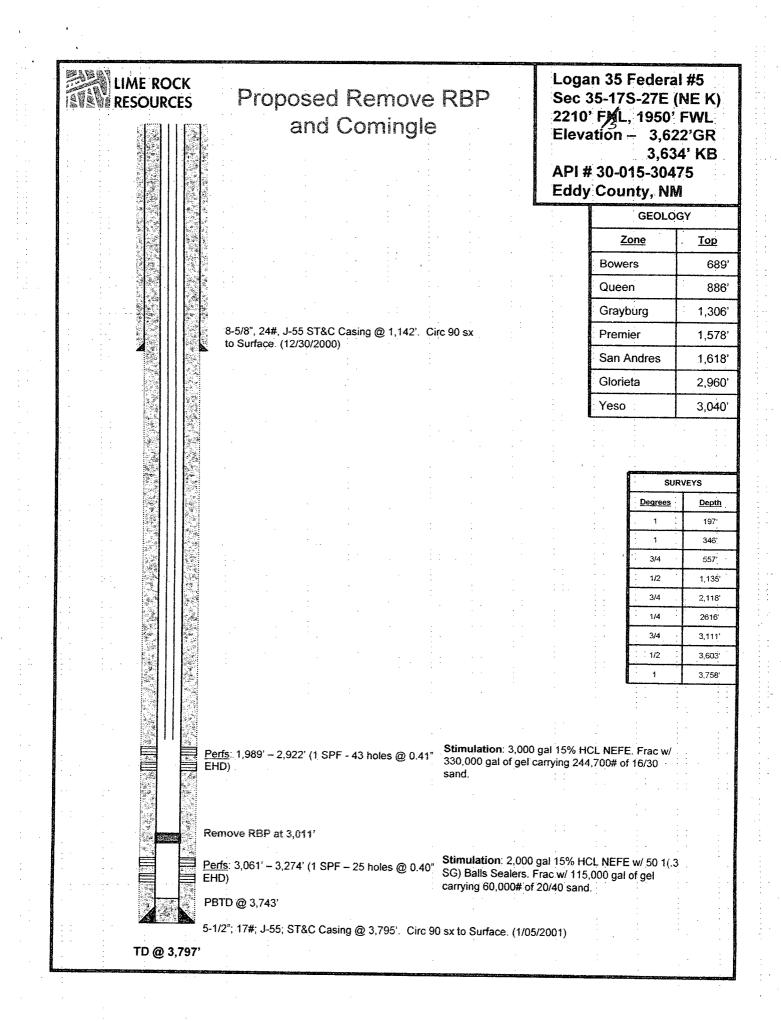
District 1	State of New Mexico	Form C-107A
1625 N. French Drive, Hobbs, NM 88240 En	ergy, Minerals and Natural Resources Department	Revised June 10, 2003
District 11		
1301 W. Grand Avenue, Artesia, NAI \$8210	Oil Conservation Division	APPLICATION TYPE
District III	1220 South St. Francis Dr.	X Single Well
1900 Rio Brazos Road, Aztec, NM 37410	Santa Fe, New Mexico 87505	Establish Pre-Approved Pools
District IV		EXISTING WELLBORE
1220 S. St. Prancis Dr., Santa Fe, NM 87505 APP	LICATION FOR DOWNHOLE COMMINGLING	G X Yes No
LIME ROCK RESOURCES II-A, L.P.	c/o Mike Pippin LLC (agent), 3104	N. Sullivan, Farmington, NM 87401
Operator		Address
LOGAN 35 FEDERAL #5	K SEC. 35 T17S R27E	Eddy
Lease Well No.	Unit Letter-Section-Township-Range	County
OGRID No. 277558 Property Code 30897	0API No30-015-30475Lease Type: _X_F	ederalStateFee
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DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	RED LAKE; Queen- Grayburg-San Andres		RED LAKE: Glorieta-Yeso NE
Pool Code	51300		96836
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	1989'-2922'		3061'-3274'
Method of Production (Flowing or Artificial Lift)	Pumping		Plan to Pump
Bottomhole Pressure (Note: Pressure data will not be required if the bottom performion in the lower zone is within 150% of the depth of the top perforation in the upper zone)	690 psi		851 psi
Oil Gravity or Gas BTU (Degree API or Gas BTU)	34.8		38.32
Producing, Shut-In or New Zone	Producing		Shut-in below RBP
Date and Oil/Gas/Water Rates of Last Production (Net: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: 10/31/12 RATES: 7 BOPD 40 MCF/D 8 BWPD	Date: Rates:	Date: Rates:
Fixed Allocation Percentage (Note: If allocation is based upon something other them 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? If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?		Yes <u>X</u>	No	
Are all produced fluids from all commingled zones compatible with each other?		Yes Yes <u>X</u>	No No	
Will commingling decrease the value of production?		Yes	NoX	
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 <u>X</u>	No	-
NMOCD Reference Case No. applicable to this well:	· · ·			•
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 was List of other orders approving downhole comminging 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.	ili be reqi	nred:		
Thereby certify that the information above is true and complete to the best of my knowledge and believer SIGNATURE		March 29, 2	013	· · · · · · · · · · · · · · · · · · ·
TYPE OR PRINT NAME Mike Pippin TELEPHONE NO. (50	<u>)5_)</u>	<u>327-457.</u>	3	

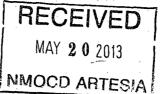
E-MAIL ADDRESS mike@pippinllc.com

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<u>District I</u> 1625 N. Frenc		Enera	v Mir			Nexico				Revis	Form ed October 12			
District II		10 March 10	Energy, Minerals & Natural Resources Aperation 23 OIL CONSERVATION DIVISION						Submit t		oriate District			
1301 W. Gran <u>District III</u>	, NN 0021U	· .	1220 South St. Francis D.C.D ARTESIA Santa Fe, NM 87505									ate Lease - 4		
1000 Rio Braz	1 87410	:										Fee Lease - 3		
<u>District IV</u> 1220 S. St. Fra	nois Du S	anta F	NM 87504	x.			Sama r	e, m	M 87303					MENDED RE
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¹ Pron	erty Code						⁵ Pro	perty N						⁶ Well Number
	8970						LOGAN							5
7 OG	RID No.						⁸ Оре	erator N	Name			· · · · · · · · · · · · · · · · · · ·	1	⁹ Elevation
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		•			•		¹⁰ Surfa	ace I	location					·
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DISTRICT I

P.O. Box 1980, Hobbs, NH 55240

DISTRICT II P.O. Drawer DD, Artema, NM 88210

DISTRICT III 1000 Bio Brazos Ed., Astoc, NM 87410

OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, New Mexico 87504-2088

State of New Mexico

Beargy, Minerals and Natural Resources Department

CI AMENDED REPORT

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Revised Pebruary 10, 1994 Instruction on back

> State Lease - 4 Copies Pes Lease - 3 Copies

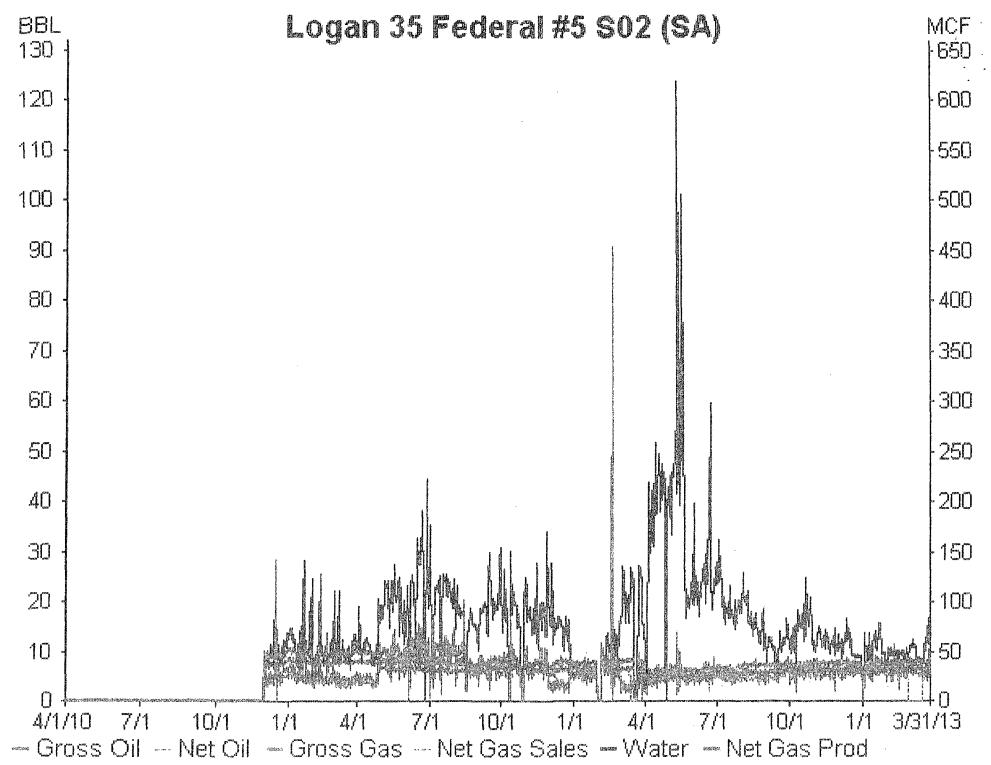
Submit to Appropriate District Office

Form C-102

EXHIBIT #

WELL LOCATION AND ACREAGE DEDICATION PLAT

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Logan 35 Federal 5 30-015-30475 Lime Rock Resources II-A, L.P. May 16, 2013 Conditions of Approval

Notify BLM at 575-361-2822 a minimum of 24 hours prior to commencing work.

Work to be completed by August 16, 2013.

- Must conduct a casing integrity test before any work can be done. Submit results to BLM. The CIT is to be performed on the production casing per Onshore Oil and Gas Order 2.III.B.1.h. Make arrangements 24 hours before the test for BLM to witness. E-mail Paul R. Swartz <u>pswartz@blm.gov</u> or phone 575-200-7902, if there is no response, 575-361-2822. If no answer, leave a voice mail or email with the API#, workover purpose, and a call back phone number. Note the contact, time, & date in your subsequent report.
- 2. If test fails, a remedial plan must be submitted to the BLM and approved before any work can be done.
- 3. Operator shall perform a production test on the Red Lake, Glorieta-Yeso NE and the Red Lake, Queen-Grayburg- San Andres <u>individually</u> and submit results to the BLM.
- 4. Before casing or a liner is added or replaced, prior BLM approval of the design is required. Use notice of intent Form 3160-5.
- 5. Surface disturbance beyond the originally approved pad must have prior approval.
- 6. Closed loop system required.
- 7. All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.
- 8. Operator to have H2S monitoring equipment on location.

- 9. A minimum of a 2000 (2M) BOP to be used. All blowout preventer (BOP) and related equipment (BOPE) shall comply with reasonable well control requirements. A two ram system with a blind ram and a pipe ram designed for the size of the work string shall be adequate. Tapered work strings will require an additional pipe ram. The manifold shall comply with Onshore Oil and Gas Order #2 Attachment I (2M Diagrams of Choke Manifold Equipment). The accumulator system shall have an immediately available power source to close the rams and retain 200 psi above pre-charge. The pre-charge test shall follow requirements in Onshore Order #2.
- 10. Subsequent sundry required detailing work done and completion report with both formations. The completion report shall include production from each formation. Operator to include well bore schematic of current well condition when work is complete.

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