

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



EAGLE 34 N FEDERAL #26 - -30-015-41214

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]
 [A] Location - Spacing Unit - Simultaneous Dedication
 NSL NSP SD
 Check One Only for [B] or [C]
 [B] Commingling - Storage - Measurement
 DHC CTB PLC PC OLS OLM
 [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR
 [D] Other: Specify _____

- DHC 4787
 - Lime Rock Resources II, L.P.
 277558
 2/11
 - EAGLE 33 N Federal #21
 2016 FEB 16 P 2:38
 RECEIVED OOD
 30-015-41214
 Pool
 - Red Lake, Green Quayburg-SA 51300
 - Red Lake, Glendon
 96836

- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply
 [A] Working, Royalty or Overriding Royalty Interest Owners
 [B] Offset Operators, Leaseholders or Surface Owner
 [C] Application is One Which Requires Published Legal Notice
 [D] Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
 [E] For all of the above, Proof of Notification or Publication is Attached, and/or, Yes, Northeast
 [F] Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Mike Pippin		Petroleum Engineer	February 14, 2016
Print or Type Name	Signature	Title	Date
		mike@pippinllc.com	
		e-mail Address	

LIME ROCK RESOURCES II-A, L.P.
Mike Pippin
3104 N. Sullivan
Farmington, NM 87401
505-327-4573 (phone) mike@pippinllc.com

February 14, 2016

NMOCD
c/o Mike McMillan
1220 South St. Francis Drive
Santa Fe, NM 87505

RE: C-107A TO COMMINGLE TWO POOLS
EAGLE 33 N FEDERAL #26 API#: 30-015-41214
Unit Letter "N" Section 33 T17S R27E
Eddy County, New Mexico

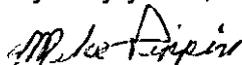
Dear Mr. McMillan,

The referenced oil well was completed on May 15, 2013 in the Red Lake, Glorieta-Yeso NE (96836). LIME ROCK has submitted the attached NOI sundry to the BLM to recomplete into the upper pool, the Red Lake, Queen-Grayburg-San Andres (51300). Interests in these two pools are identical. The BLM has been notified.

LIME ROCK plans to produce the upper pool (San Andres) alone for a period of about 2 months in order to allow the production to stabilize. The production allocations will then be calculated using the stabilized production of the upper pool and the current (Yeso) production of 3 BOPD, 30 MCF/D, and 100 BWPD. We plan to submit these calculations and the resulting allocations to the district office for approval.

Please contact me at 505-327-4573 should you have any questions.

Very truly yours,



Mike Pippin

Petroleum Engineer

District I
1623 N. French Drive, Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised June 10, 2003

District II

1301 W. Grand Avenue, Artesia, NM 88210

Oil Conservation Division

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

APPLICATION TYPE

Single Well
 Establish Pre-Approved Pools

District III

1000 Rio Grande Road, Aztec, NM 87410

EXISTING WELLBORE

Yes No

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

APPLICATION FOR DOWNHOLE COMMINGLING

LIME ROCK RESOURCES II-A, L.P. c/o Mike Pippin LLC (agent), 3104 N. Sullivan, Farmington, NM 87401
Operator Address

EAGLE 33 N FEDERAL #26 N SEC. 33 T17S R27E Eddy
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. 277558 Property Code 308943 API No. 30-015-41214 Lease Type: Federal State Fee

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)	~1430'-2626'		2796'-4130'
Method of Production (Flowing or Artificial Lift)	Prospective		Pumping
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	741 PSI		851 PSI
Oil Gravity or Gas BTU (Degree API or Gas BTU)	34.8		38.32
Producing, Shut-In or New Zone	Proposed New Zone		Producing
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: RATES:	Date: Rates:	Date: February 6, 2016 Rates: 8 BOPD 30 MCF/D 100 BWP/D
Fixed Allocation Percentage (Note: If allocation is based upon something other than 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? Yes No
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes No

Are all produced fluids from all commingled zones compatible with each other? Yes No

Will commingling decrease the value of production? Yes No

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 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 will be required:

- List of other orders approving downhole commingling 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.

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

SIGNATURE Mike Pippin TITLE Petroleum Engineer - Agent DATE February 14, 2016

TYPE OR PRINT NAME Mike Pippin TELEPHONE NO. (505) 327-4573

E-MAIL ADDRESS mike@pippinllc.com

LIME ROCK RESOURCES	County: EDDY	Well Name: Eagle 33N Federal #26	Field: East Artesia	Well Sketch: AFE R16002
	Surface Lat: 32.7833126°N	BH Lat: 32.7833126°N	Red Lake; Glorieta Yeso	Line Rock Resources #A, L.P.
	Surface Long: 104.2829016°W	BH Long: 104.2829016°W	Survey: SEC33-T17S-R27E (SW of N)	API # 30-015-41214 OGRID # 277568

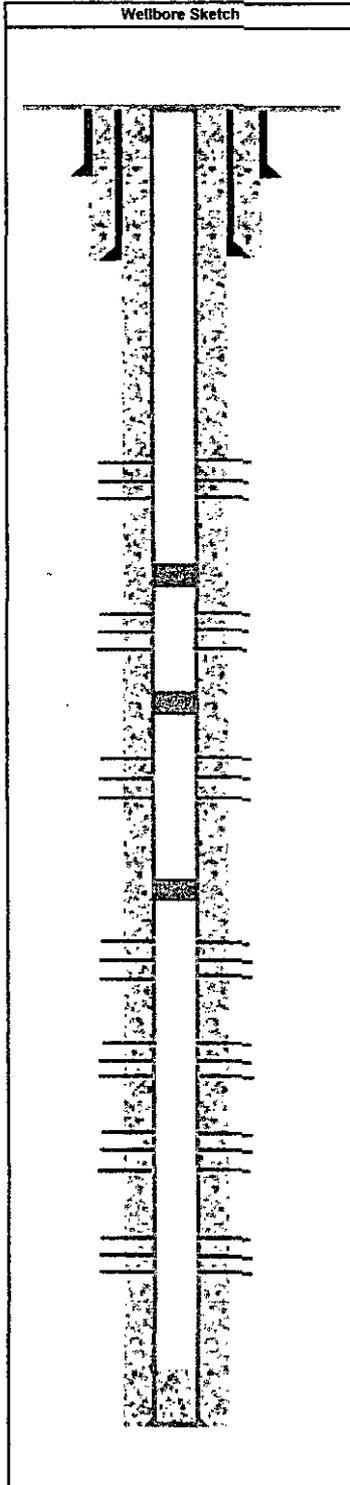
Directional Data:	
KOP	Vertical Well
Max Dev.:	
Dleg sev:	
Dev @ Perfs	
Ret to Vert:	

Tubular Data							
Tubulars	Size	Weight	Grade	Thread	TVD	MD	TOC
Conductor	20"	N/A	B	Weld	80'	80'	SURF
Surface	8 5/8"	24#	J-55	STC	437'	437'	SURF
Intermediate							
Production	5 1/2"	17#	J-55	LTC	4,604'	4,604'	SURF
Liner							

Wellhead Data	
Type:	
WP:	
Tree Cap	Flange:
	Thread:
Tbg Hanger:	
8TM Flange:	
BPV Profile:	NA
Elevabons:	GR - RKB = 11.8'
RKB:	3,559.8'
GL:	3,548.0'

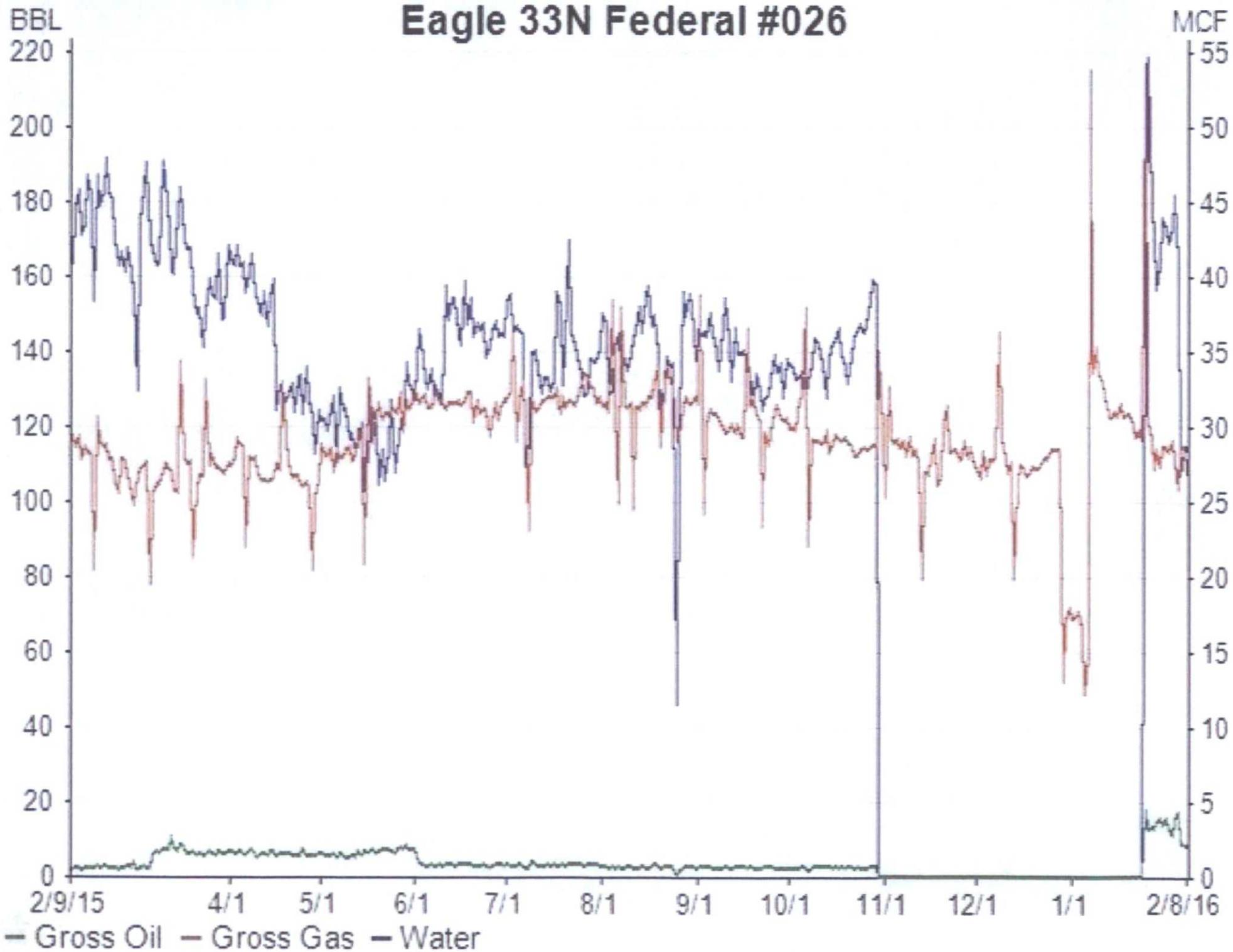
Drilling / Completion Fluid	
Drilling Fluid:	10.2 PPG Brine / Salt Gel
Drilling Fluid:	
Completion Fluid:	2% KCL
Completion Fluid:	
Packer Fluid:	NA

CEMENT DATA							
	L/sks	Yld	Wt	T/sks	Yld	Wt	XS
Surface	280	1.35	14.8	NA	NA	NA	43 Sx
Intermediate							
Liner							
Production	300	1.9	12.8	700	1.33	14.8	117 Sx



Completion Information						DETAILS	
DEPTHS (MD)	FORMATION TOPS / WELL INFO	PERFORATIONS		# of HOLES			
		from	to				
0							
80'					20" Conductor Pipe		
292'	7 Rivers Formation						
437'	12-1/4" Hole				8-5/8" Surf Csg. Circ 43 SX Cmt to Surf		
<p>2 7/8" 6.6# J55 tbg with TAC at 1330', SN at 2630', 4' slotted sub, 1 jt MA w BP at 2665'</p> <p>(all rods are WFT KD originally installed 5/16/13) 101- 7/8" KD, 4- 1.5" kbars, 2.5"x2"x24' RHBC-HVR pump</p> <p>640-365-168 Pumping Unit w 50 HP motor; 168" SL at 9 SPM</p>							
1,423'	Premier Formation						
	Stage #3 San Andres	1,430'	1,541'	25	111', 1500 g 15% HCL, 30k# 100 Mesh		
1,452'	San Andres				119.7k# 40/70, 4114 bbbs water, 80+ BPM		
CBP at 1700'							
	Stage #2 San Andres	1,800'	2,151'	37	351', 1500 g 15% HCL, 30k# 100 Mesh		
					324.45k# 40/70, 7614 bbbs water, 80+ BPM		
CBP at 2220'							
	Stage #1 San Andres	2,278'	2,626'	30	348', 1500 g 15% HCL, 30k# 100 Mesh		
					324.45k# 40/70, 7614 bbbs water, 80+ BPM		
CBP at 2770'							
2,790'	Glorieta Formation						
	Stage 4 L. Yeso Frac	2,796'	3,009'	25	213', 1318 g 7.5% HCL, 71kg 20# gel, 80k#		
2,882'	Yeso				16/30 Brady, 28k# 16/30 Resin		
	5/11/2013						
	Stage 3 L. Yeso Frac	3,045'	3,299'	39	254', 2000 g 7.5% HCL, 61kg 20# gel, 105k#		
	5/11/2013				16/30 Brady, 18k# 16/30 Resin		
	Stage 2 L. Yeso Frac	3,409'	3,739'	33	330', 2032 g 7.5% HCL, 65.5 kg 20# gel, 76k#		
	5/11/2013				16/30 Brady, 12k# 16/30 Resin		
	Stage 1 L. Yeso Frac	3,800'	4,130'	40	330', 2000 g 7.5% HCL, 52k g 20# gel, 57k#		
4,264'	Tubb Formation		5/4/2013		16/30 Brady, 11.5k# 16/30 Resin		
4,585'	P8TD				Float Collar		
4,604'	PROD CSG				5-1/2" Prod Csg. Circ 117 SX Cmt to Surf		
Comments: NM OCD CLP 0213133						Plug back Depth:	4,572' 4,572' MD
						Total Well Depth:	4,604' 4,604' MD
						Prepared By:	Date:
						Eric McClusky	28-Jan-16

Eagle 33N Federal #026



— Gross Oil — Gross Gas — Water

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
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.
NMLC026874B

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

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

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. EAGLE 33 N FEDERAL 26
2. Name of Operator LIME ROCK RESOURCES II-A,L.P. Contact: MIKE PIPPIN E-Mail: mike@pippinllc.com		9. API Well No. 30-015-41214
3a. Address C/O MIKE PIPPIN 3104 N SULLIVAN FARMINGTON, NM 87401	3b. Phone No. (include area code) Ph: 505-327-4573	10. Field and Pool, or Exploratory RED LAKE, Q-GB-SA 51300
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 33 T17S R27E SESW 330FSL 1750FWL		11. County or Parish, and State EDDY COUNTY COUNTY, NM

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

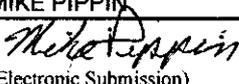
TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> 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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input 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 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

THIS IS A REQUEST TO RECOMPLETE THIS YESO WELL TO THE SAN ANDRES.

MIRUSU. TOH w/rods, pump, & tbq. Set a 5-1/2" CBP @ ~2770' & PT to ~3500 psi. (Existing Yeso perms are at 2796'-4130'). Perf lower SA @ ~2278'-2626' w/~30 holes. Treat new perms w/~1500 gal 15% HCL & frac w/~30,000# 100 mesh & ~324,450# 40/70 Ottawa sand in slick water. Set a 5-1/2" CBP @ ~2220' & PT to ~3500 psi. Perf middle SA @ ~1800'-2152' w/~37 holes. Treat new perms w/~1500 gal 15% HCL & frac w/~30,000# 100 mesh & ~324,450# 40/70 Ottawa sand in slick water. Set a 5-1/2" CBP @ ~1700' & PT to ~3500 psi. Perf upper SA @ ~1430'-1541' w/~25 holes. Treat new perms w/~1500 gal 15% HCL & frac w/~30,000# 100 mesh & ~119,700# 40/70 Ottawa sand in slick water. CO after frac & drill out CBPs @ 1700' & 2220', & CO to CBP @ 2770'. Land 2-7/8" 6.5# J-55 production tbq @ ~2665'. Run pump & rods. Release workover rig. Complete as a single San Andres oil well. See the attached wellbore diagram & C-102 for the new pool. Following a test of the SA alone

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #330149 verified by the BLM Well Information System For LIME ROCK RESOURCES II-A,L.P., sent to the Carlsbad

Name (Printed/Typed) MIKE PIPPIN	Title PETROLEUM ENGINEER
Signature  (Electronic Submission)	Date 01/29/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
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.		Office _____

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.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Additional data for EC transaction #330149 that would not fit on the form

32. Additional remarks, continued

and the approval of both the State & BLM DHC applications, the CBP @ 2770' will be removed and the well DHC.

District I
1625 N. French Dr., Hobbs, NM 88240

District II
1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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 15, 2009
Submit one copy to appropriate
District Office
 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-41214		Pool Code 96836	Pool Name RED LAKE; GLORIETA-YESO NE
Property Code 308943	Property Name EAGLE "33" N FEDERAL		Well Number 26
OGRID No. 277558	Operator Name LIME ROCK RESOURCES A II, L.P.		Elevation 3548.0

Surface Location

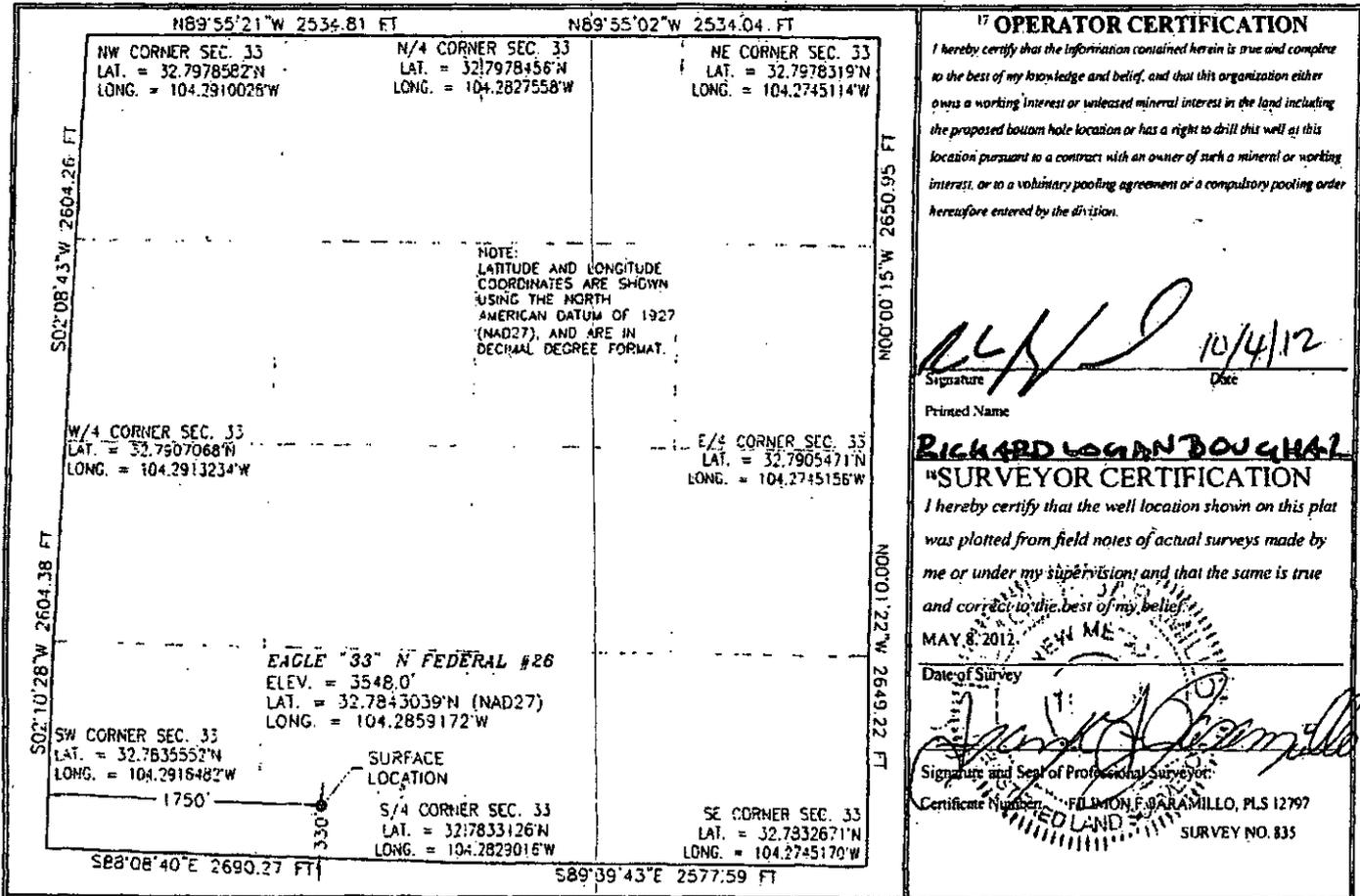
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	33	17 S	27 E		330	SOUTH	1750	WEST	EDDY

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

Dedicated Acres 40	Joint or Infill	Consolidation Code	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.



District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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 30-015-41214		² Pool Code 51300		³ Pool Name Red Lake, Queen-Grayburg-San Andres	
⁴ Property Code 308943		⁵ Property Name EAGLE 33 N FEDERAL			⁶ Well Number 26
⁷ OGRID No. 277558		⁸ Operator Name LIME ROCK RESOURCES II-A, L.P.			⁹ Elevation 3548' 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
N	33	17-S	27-E		330	SOUTH	1750	WEST	EDDY

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 40	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.

33	1750'	330'	<p>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.</p> <p>Signature: <u>Mike Pippin</u> Date: 1/29/16</p> <p>Printed Name: <u>Mike Pippin</u></p>	
				<p>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.</p> <p>5/8/12</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor: Filmon F Jaramillo</p>
				<p>12797</p> <p>Certificate Number</p>

McMillan, Michael, EMNRD

From: Mike Pippin <mike@pippinllc.com>
Sent: Tuesday, February 16, 2016 4:02 PM
To: McMillan, Michael, EMNRD
Subject: RE: Eagle 33 N Federal Well No. 26

The most recent production on 2/6/16 was 8 BOPD, 30 MCF/D, & 100 BWPD.

From: McMillan, Michael, EMNRD [mailto:Michael.McMillan@state.nm.us]
Sent: Tuesday, February 16, 2016 3:51 PM
To: Mike Pippin <mike@pippinllc.com>
Subject: RE: Eagle 33 N Federal Well No. 26

Is the current Yeso production 3 BO or 8 BO?
Your letter says 3 BOPD, and form C-107A says 8 BOPD
Mike

From: Mike Pippin [mailto:mike@pippinllc.com]
Sent: Tuesday, February 16, 2016 3:31 PM
To: McMillan, Michael, EMNRD
Subject: RE: Eagle 33 N Federal Well No. 26

The operator for Eagle 33 N Federal #26 is Lime Rock Resources ii-A, L.P.

From: McMillan, Michael, EMNRD [mailto:Michael.McMillan@state.nm.us]
Sent: Tuesday, February 16, 2016 3:25 PM
To: Mike Pippin <mike@pippinllc.com>
Subject: Eagle 33 N Federal Well No. 26

Mike:
who is the operator of record for the Eagle 33 N Federal Well No. 26- is it Vanguard or Lime Rock resources, II_A, L.P>?