

Submit 1 Copy To Appropriate District Office
 District I - (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II - (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III - (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV - (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

HOBBS OCD
 RECEIVED
 JUL 13 2018

WELL API NO. 30-025-29382
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-2244
7. Lease Name or Unit Agreement Name NORTH VACUUM ABO NORTH UNIT
8. Well Number #2
9. OGRID Number 277558
10. Pool name or Wildcat North Vacuum Abo (61760)
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4051' GL

SUNDRY NOTICES AND REPORTS ON WELL
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well Gas Well Other

2. Name of Operator
LIME ROCK RESOURCES II-A, L.P.

3. Address of Operator
c/o Mike Pippin LLC, 3104 N. Sullivan, Farmington, NM 87401

4. Well Location
 Unit Letter M : 660 feet from the South line and 660 feet from the West line
 Section 2 Township 17-S Range 34-E NMPM Lea County

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

- PERFORM REMEDIAL WORK PLUG AND ABANDON
 TEMPORARILY ABANDON CHANGE PLANS
 PULL OR ALTER CASING MULTIPLE COMPL
 DOWNHOLE COMMINGLE
 CLOSED-LOOP SYSTEM
 OTHER: P&A

SUBSEQUENT REPORT OF:

- REMEDIAL WORK
 COMMENCE DRILLING OPNS INT TO P&A PM
 CASING/CEMENT JOB P&A NR _____
 P&A R _____
 OTHER:

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work).
 SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

LIME ROCK would like to P&A this North Vacuum Abo well as follows: MIRUSU. TOH w/production equipment.
PLUG #1 (8582'-8547'), Abo perfs @ 8632'-8804'. Set a 5-1/2" CIBP @ 8582'. TIH w/tested tbg & tag CIBP. Top CIBP w/35' cmt (4 sx). WOC. Tag cmt. Load csg w/water & circ clean. Pressure test csg to 500 psi. If csg does not test, spot or tag subsequent plugs as appropriate. Circ hole w/P&A mud (25 sx gel/100 bbls water). PUH to 6125'.
Plug #2 (6125'-6025'), Top of Glorieta @ 6075'. Mix ²⁵ 1/2 sx cmt (100') & spot a balanced plug inside 5-1/2" csg to cover Glorieta top. WOC. Tag cmt. PUH to 4922'.
Plug #3 (4922'-4822'), 8-5/8" shoe @ 4872'. Mix ²⁵ 1/2 sx cmt (100') & spot a balanced plug inside 5-1/2" csg to cover 8-5/8" shoe. WOC. Tag cmt. PUH to 4248'.
Plug #4 (4248'-4148'), Top of 5-1/2" liner @ 4198'. Mix ²⁵ 1/4 sx cmt (100') & spot a balanced plug inside 8-5/8" & 5-1/2" csqs to cover 5-1/2" liner top. WOC. Tag cmt. PUH to 2940'.
Plug #5 (2940'-2840'), Top of Yates (salt) @ 2890'. Mix ²⁵ 1/8 sx cmt (100') & spot a balanced plug inside 8-5/8" csg to cover Yates (salt) top. WOC. Tag cmt. PUH to 555'. **PLUG #6: POOH TO 1650'. SPOT 25 SX (TOP SALT)**
7 Plug #6 (555'-Surface), 13-3/8" shoe @ 505'. Circ cmt to surface (~168 sx). Cut off csg below surface csg flange. Top off csqs w/cmt. Install P&A marker with cmt to comply with government specs. RD move off location, cut off anchors and restore location.

Spud Date: 9/11/85

Drilling Rig Release Date: 10/8/85

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 7/12/18
 Type or print name Mike Pippin E-mail address: mike@pippinllc.com PHONE: 505-327-4573
For State Use Only

APPROVED BY: Marble Whitaker TITLE Petroleum Engr. Specialist DATE 07/16/2018
 Conditions of Approval (if any):

NOTIFY OCD 24 HOURS PRIOR TO
 BEGINNING PLUGGING OPERATIONS

C103 INTENT TO P&A EXPIRES
 1 YEAR FROM DATE OF APPROVAL

CURRENT

DIRECTIONS TO LOCATION: Directions to well needed.

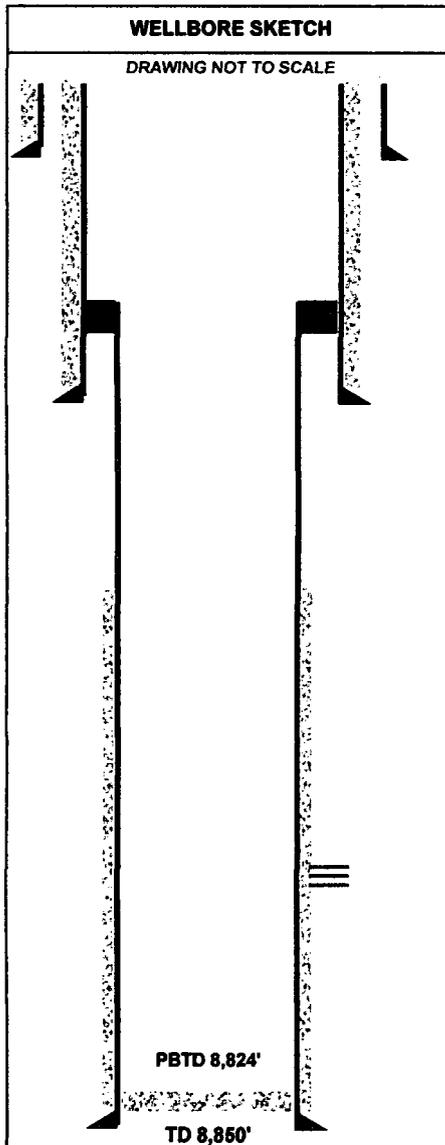
OPERATOR: LRR II-A, L.P.	LEASE / WELL: NVANU 20-2	SURVEY: Sec 2, T17S, R34E	Property No.
COMPLETION RIG:	COUNTY / STATE: Lea County, NM	SURFACE LOCATION: 660' FSL & 660' FWL	FIELD: North Vacuum

DIRECTIONAL DATA		
KOP:	STRAIGHT HOLE	
MAX DEV:	deg @	MD
DEV @ PERFS:	deg @	MD
DEV @ PERFS:	deg @	MD
DEV @ PERFS:	deg @	MD

TUBULAR DATA							
Tubulars	Size	Weight	Grade	Thread	Top	MD	SKB
DRIVE PIPE							
CONDUCTOR							
SURFACE	13-3/8"	48#	H-40	STC	0'	505'	600
INTERMEDIATE	8-5/8"	24/32#	K-55	STC	0'	4872'	2,200
PRODUCTION							
PROD TIEBACK							
PROD LINER	5-1/2"	15.5/17#	K-55	LTC	4198'	8850'	1,150
PROD LINER							
TUBING							
COILED TUBING							

WELLHEAD DATA	
TYPE	
WP	
T R E E	FLANGE: THREAD:
C A P	
TUBING HANGER:	
BTM FLANGE:	
BPV PROFILE:	
ELEVATIONS:	GROUND ELEVATION
RKB-DF:	4052'
RKB-ELEV:	

DRILLING / COMPLETION FLUID	
DRILLING FLUID:	ppg -
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COMPLETION FLUID:	ppg -
PACKER FLUID:	ppg -



EQUIPMENT DESCRIPTION	ID	OD	DEPTH TVD	DEPTH MD
BEFORE P&A				
13 3/8" surface csg @ 505' - cmt'd to surface w/600 sx				
Top Yates @ 2890'				
TOL @ 4198'				
8 5/8" intermediate csg @ 4872' - cmt'd to surface w/2200 sx				
TOC @ 5200'				
Top Glorieta @ 6075'				
Abo perms @ 8632'-37', 8656'-58', 8660'-73', 8676'-80', 8685'-87', 8719'-21', 8727'-29', 8740'-42', 8753'-55', 8772'-80', & 8800'-04'				
15K gal 15% NeFe HCl @ 4.9 bpm & 4200 psi				
5 1/2" production liner @ 8850'				
COMMENTS:	Working Interest:	PLUG BACK DEPTH:		
API # 30-025-29382	Net Revenue Interest:	TOTAL WELL DEPTH:		
Property#		PREPARED OR REVISIED BY:	DATE:	
Spud Date:		PMP 7/12/18	7/12/2018	
Completed in				

CURRENT

DIRECTIONS TO LOCATION: Directions to well needed.

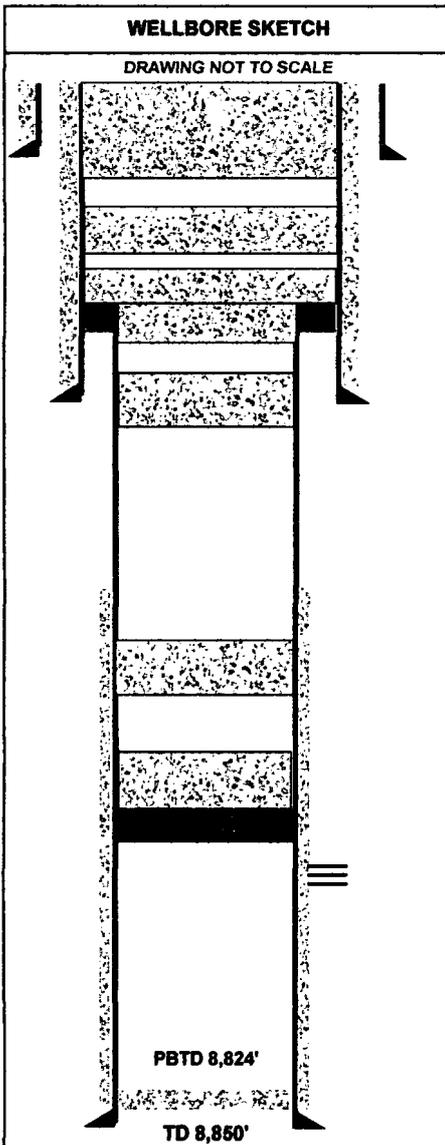
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MAX DEV:	deg @	MD
DEV @ PERFS:	deg @	MD
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DEV @ PERFS:	deg @	MD

TUBULAR DATA							
Tubulars	Size	Weight	Grade	Thread	Top	MD	SKB
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TUBING							
COILED TUBING							

WELLHEAD DATA	
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W/P	
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TUBING HANGER:	
BTM FLANGE:	
BPV PROFILE:	
ELEVATIONS:	GROUND ELEVATION
RKB-DF:	4052'
RKB-ELEV:	

DRILLING / COMPLETION FLUID	
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COMPLETION FLUID:	ppg -
PACKER FLUID:	ppg -



EQUIPMENT DESCRIPTION	ID	OD	DEPTH TVD	DEPTH MD
AFTER P&A				
PLUG #6: 555'-Surface - 168 sx				
13 3/8" surface csg @ 505' - cmt'd to surface w/600 sx				
Top Yates @ 2890' PLUG #5: 2940'-2840' 16 sx cmt				
TOL @ 4198' PLUG #4: 4248'-4148' 14 sx cmt				
8 5/8" intermediate csg @ 4872' - cmt'd to surface w/2200 sx				
PLUG#3: 4922'-4822' 12 sx cmt				
TOC @ 5200'				
Top Glorieta @ 6075'				
PLUG#2: 6125'-6025' 12 sx cmt				
PLUG#1: 5-1/2" CIBP @ 8582' topped w/35' cmt				
Abo perms @ 8632'-37', 8656'-58', 8660'-73', 8676'-80', 8685'-87', 8719'-21', 8727'-29'				
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Property#		PREPARED OR	DATE:	
Spud Date:		REVISED BY:	7/12/2018	
Completed in		PMP 7/12/18		

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