

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

WELL API NO. 30-025-23704
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.) 4026' GL

SUNDRY NOTICES AND REPORTS ON WELLS
(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 F : 1980 feet from the North line and 1780 feet from the West line
Section 12 Township 17-S Range 34-E NMPM Lea County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4026' GL

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 ☒

E-PERMITTING <SWD INJECTION>

RE CONVERSION RBDMS
CC RETURN TO TA
CA CSNG ENVIRO CHG LOC
INT TO P&A 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/2-3/8" tbg & loc-set PKR (8449'). **PLUG #1 (8445'-8410'), Abo perfs @ 8545'-96'**. Set a 6" CIBP @ 8445'. TIH w/tested tbg & tag CIBP. Top CIBP w/25 sx (183') cmt. 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 8100'. **Plug #2 (8100'-8000'), Top of Abo @ 8050'**. Mix 25 sx cmt (183') & spot a balanced plug inside csg to cover Abo top. WOC. Tag cmt. PUH to 6160'. **Plug #3 (6160'-6060'), Top of Glorieta @ 6110'**. Mix 25 sx cmt (183') & spot a balanced plug inside csg to cover Glorieta top. WOC. Tag cmt. PUH to 2970'. **Plug #4 (2970'-2870'), Top of Yates (salt) @ 2920'**. Mix 25 sx cmt (183') & spot a balanced plug inside csg to cover Yates (salt) top. WOC. Tag cmt. PUH to 1758'. **Plug #5 (1758'-1658'), 8-5/8" shoe @ 1708'**. Mix 25 sx cmt (183') & spot a balanced plug inside csg to cover 8-5/8" csg shoe. WOC. Tag cmt. PUH to 60'. **Plug #6 (60'-Surface)**. Circ cmt to surface (~8 sx). Cut off csg below surface csg flange. Top off csgs 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: 2/17/71

Drilling Rig Release Date: 3/13/71

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 8/25/15
Type or print name Mike Pippin E-mail address: mike@pippinllc.com PHONE: 505-327-4573
For State Use Only

APPROVED BY: Malcolm Brown TITLE Dist. Supervisor DATE 8/31/2015
Conditions of Approval (if any)

The Oil Conservation Division
MUST BE NOTIFIED 24 Hours
Prior to the beginning of operations

AUG 31 2015

jm

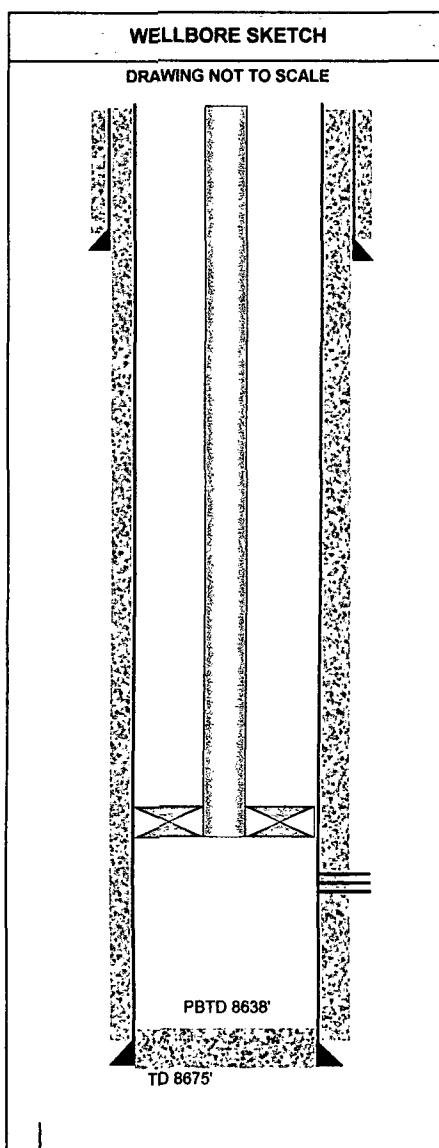
OPERATOR: Lime Rock Resources	LEASE / WELL: NVANU #2	SURVEY: S 12, T17S, R34E	Property No.
COMPLETION RIG:	COUNTY / STATE: Lea County, NM	SURFACE LOCATION: 1980' FNL & 1780' FWL	FIELD: Vacuum Abo, North

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

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

TUBULAR DATA							
Tubulars	Size	Weight	Grade	Thread	Top	MD	SKS
DRIVE PIPE							
CONDUCTOR							
SURFACE	8-5/8"	24#	J-55	STC	0'	1708'	1,300
INTERMEDIATE							
PRODUCTION	6"	18#	N-80	LTC	0'	8675'	1,700
PROD TIEBACK							
PROD LINER							
PROD LINER							
TUBING	2-3/8"	4.7#	J-55	8rd	0'	8448'	
COILED TUBING							

WELLHEAD DATA	
TYPE	
WP	
T R E E	FLANGE: C A P T H R E A D:
TUBING HANGER:	
BTM FLANGE:	
BPV PROFILE:	
ELEVATIONS:	GROUND ELEVATION
RKB-DF:	4026'
RKB-ELEV:	



EQUIPMENT DESCRIPTION	ID	OD	DEPTH TVD	DEPTH MD
10/2005 - Pumped 130 sx cl "C" cmt down bradenhead.				
8-5/8" 24#, 28#, 32# H-40 csg @ 1708' - cmt'd w/1300 sx cmt.				
Circ Cmt.				
Top Yates @ 2920'				
Top Glorieta @ 6110'				
Top Abo @ 8050'				
Tubing Detail (11/05):				
268 jts 2-3/8" J-55 8rd tubing				
SN @ 8448'				
2-3/8" x 6" Lok Set packer @ 8449'				
Perfs @ 8545' - 8596'				
1971 20K gal Reactrol acid, flush w/41 bbis treated water				
3.5 bpm, max pressure 4500 psi, min pressure 3500 psi, ISIP 2800 psi				
1976 500 gal 15% NeFe, 20K gals 20% inhibited, 235 bbis KCl flush				
6" 18# csg @ 8675' - cmt'd w/1500 sx Howco Lite & 200 sx 50/50 poz				
TOC @ Surface @ calc @ 50% Eff.				
COMMENTS:	Working Interest:	PLUG BACK DEPTH:		
API # 30-025-23704	Net Revenue Interest:	TOTAL WELL DEPTH:		
Property#		PREPARED OR		
Spud Date: 2/15/1971		REVISED BY:		
Completed in ABO		pmp		
		DATE:		
		8/25/2015		

CURRENT

DIRECTIONS TO LOCATION: Directions to well needed.

DIRECTIONS TO LOCATION: Directions to well needed.