

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Carlsbad
OCD

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

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. **100**
NMNM048344
6. Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

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

1. Type of Well

Oil Well Gas Well Other

8. Well Name and No.
Multiple-See Attached
Williams A 2nd 4 10

2. Name of Operator
LIME ROCK RESOURCES A LP

Contact: **MIKE PIPPIN**
E-Mail: **mike@pippinllc.com**

9. API Well No. **3005-4050**
Multiple-See Attached **50-015-4050**

3a. Address
**1111 BAGBY STREET SUITE 4600
HOUSTON, TX 77002**

3b. Phone No. (include area code)
Ph: **505-327-4573**

10. Field and Pool or Exploratory Area
RED LAKE-QUEEN-GRAYBURG-SA

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Multiple-See Attached

11. County or Parish, State
EDDY COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<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 must 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 must be filed once testing has been completed. Final Abandonment Notices must 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 THE RE-COMPLETION OF THIS WELL TO SAN ANDRES.

GC 12-3-18
Accepted for record - NMOCD

On 7/23/18, MIRUSU. TOH w/rods, pump, & tbg. Set 5-1/2" CBP @ 3350'. PT 5-1/2" csg to 1100 psi with certified chart recorder for 30 min-OK. See attached chart. PT csg to 3500 psi for 5 min-OK.

On 8/7/18, perfed San Andres @ 2895'-3251' w/36 holes. On 8/8/18, treated new perms w/1500 gal 15% HCL acid & fraced w/30,045# 100 mesh & 290,708# 40/70 sand in slick water. Spotted 500 gal 15% HCL across next stage.

Set 5-1/2" CBP @ 2810'. Perfed SA @ 2355'-2691' w/33 holes. Treated new San Andres perms w/1000 gal 15% HCL & fraced w/31,345# 100 mesh & 289,041# 40/70 sand in slick water. Spotted 500 gal 15% HCL across next stage.

Set 5-1/2" CBP @ 2270'. Perfed SA @ 1880'-2191' w/31 holes. Treated new SA perms w/1000 gal 15% HCL

RECEIVED

NOV 28 2018

DISTRICT II-ARTESIA O.C.D.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #432350 verified by the BLM Well Information System
For LIME ROCK RESOURCES A LP, sent to the Carlsbad
Committed to AFMSS for processing by PRISCILLA PEREZ on 08/24/2018 (18PP2519SE)**

Name (Printed/Typed) **MIKE PIPPIN**

Title **PETROLEUM ENGINEER**

Signature (Electronic Submission)

Date **08/22/2018**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By **ACCEPTED**

JONATHON SHEPARD
Title **PETROLEUM ENGINEER**

Date **11/14/2018**

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 **Carlsbad**

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.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

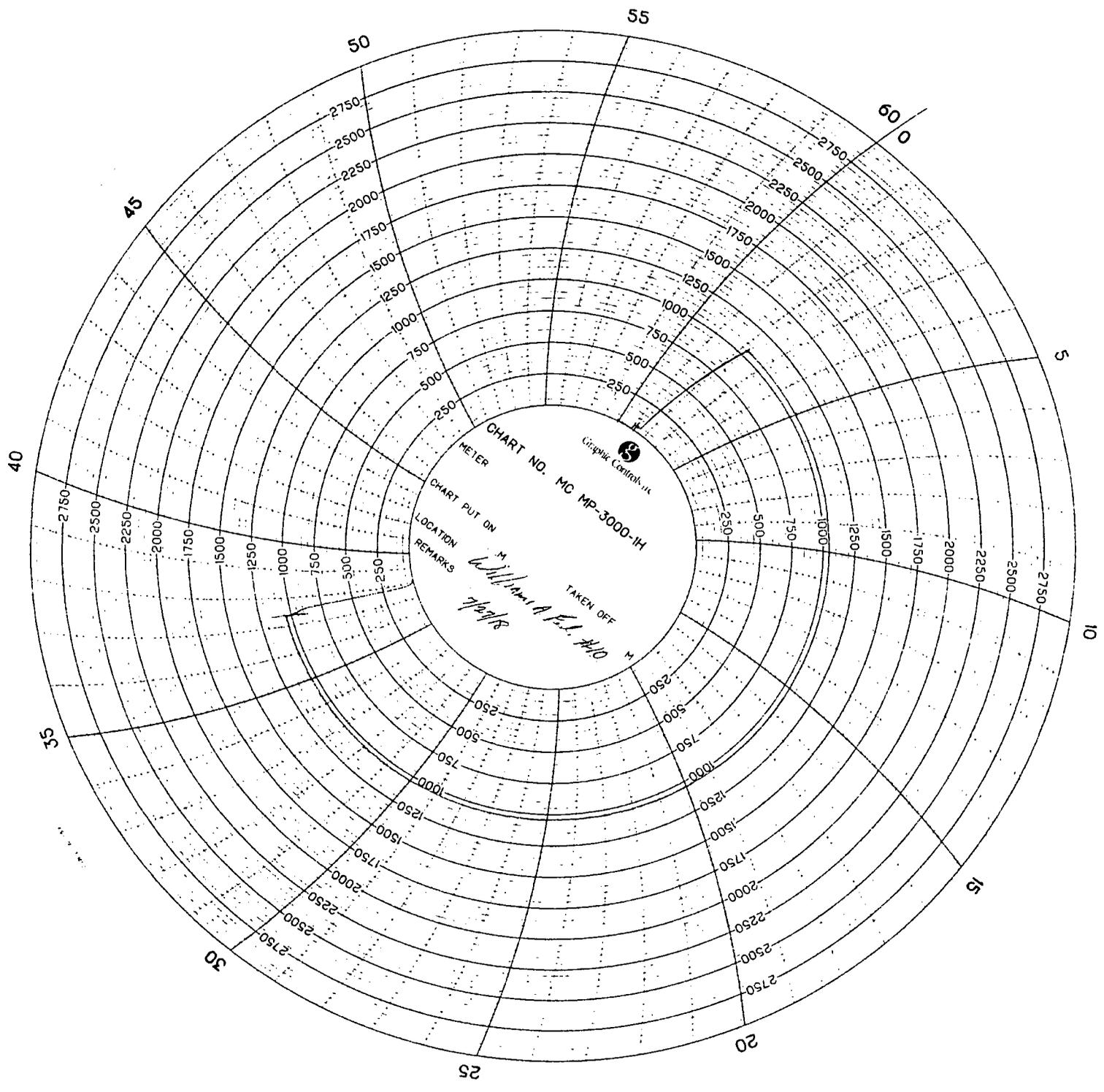
Additional data for EC transaction #432350 that would not fit on the form

Wells/Facilities, continued

Agreement	Lease	Well/Fac Name, Number	API Number	Location
NMNM048344	NMNM048344	WILLIAMS A FEDERAL 10	30-015-40480-00-S1	Sec 29 T17S R28E SWSW 600FSL 645FWL
NMNM048344	NMNM048344	WILLIAMS A FEDERAL 10	30-015-40480-00-S2	Sec 29 T17S R28E SWSW 600FSL 645FWL

32. Additional remarks, continued

& fraced w/31,570# 100 mesh & 224,711# 40/70 sand in slick water.
On 8/9/18, MIRUSU. CO after frac, drilled CBPs @ 2270' & 2810', & CO to CBP @ 3350'. On 8/12/18,
landed ESP on 2-7/8" 6.5# J-55 tbg @ 3240'. Released completion rig on 8/14/18. After production
has stableized in a few months, we plan to remove the CBP @ 3350' & DHC as per State order DHC-4673
& the approved BLM DHC on 6/2/14.



Clinton Oak 05077
Pressure Service
Truck #4 7-27-18
William A Fed #10

Sub-100' FSL # 645
Full Sec 29 - T 175 - R 28E
with M Bottom Hole - 340 FSL
#360' Full Sec 29 - T 175 R 28E
with Eddy Creek Jam
API # 30-DIS-10180