

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS**
*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.
NMNM048344

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
WILLIAMS A FEDERAL 129. API Well No.
30-015-41890-00-S110. Field and Pool or Exploratory Area
ARTESIA11. County or Parish, State
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
VANGUARD OPERATING LLCContact: MIKE PIPPIN
E-Mail: mike@pippinllc.com3a. Address
5847 SAN FELIPE, SUITE 3000
HOUSTON, TX 770573b. Phone No. (include area code)
Ph: 505-327-4573

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

Sec 29 T17S R28E SESW 0330FSL 2200FWL
32.789710 N Lat, 104.198683 W Lon**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 recomplate 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 9-7-18
Accepted for record - NMOC D RECEIVED

On 7/30/18, MIRUSU. TOH w/rods, pump, & tbg. Set 5-1/2" CBP @ 3480'. (Existing Yeso perms are @ 3536'-3618'). PT 5-1/2" csg to 1000 psi with certified chart recorder for 35 min-OK. See attached chart. PT csg to 4500 psi for 15 min-OK.

On 8/7/18, perfed San Andres @ 2920'-3290' w/33 holes. On 8/10/18, treated new perms w/1500 gal 15% HCL acid & fraced w/30,240# 100 mesh & 292,260# 40/70 sand in slick water. Spotted 500 gal 15% HCL across next stage.

Set 5-1/2" CBP @ 2865'. Perfed SA @ 2461'-2777' w/33 holes. Treated new San Andres perms w/1000 gal 15% HCL & fraced w/30,100# 100 mesh & 243,950# 40/70 sand in slick water. Spotted 500 gal 15% HCL across next stage.

Set 5-1/2" CBP @ 2350'. Perfed SA @ 1980'-2199' w/32 holes. Treated new SA perms w/1000 gal 15% HCL

SEP 06 2018

DISTRICT II-ARTESIA O.C.D.

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

Electronic Submission #432369 verified by the BLM Well Information System
For VANGUARD OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by PRISCILLA PEREZ on 08/24/2018 (18PP2365SE)

Name (Printed/Typed) MIKE PIPPIN

Title PETROLEUM ENGINEER

Signature (Electronic Submission)

Date 08/22/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR RECORD

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

AUG 24 2018

/s/ Jonathon Shepard

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.

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

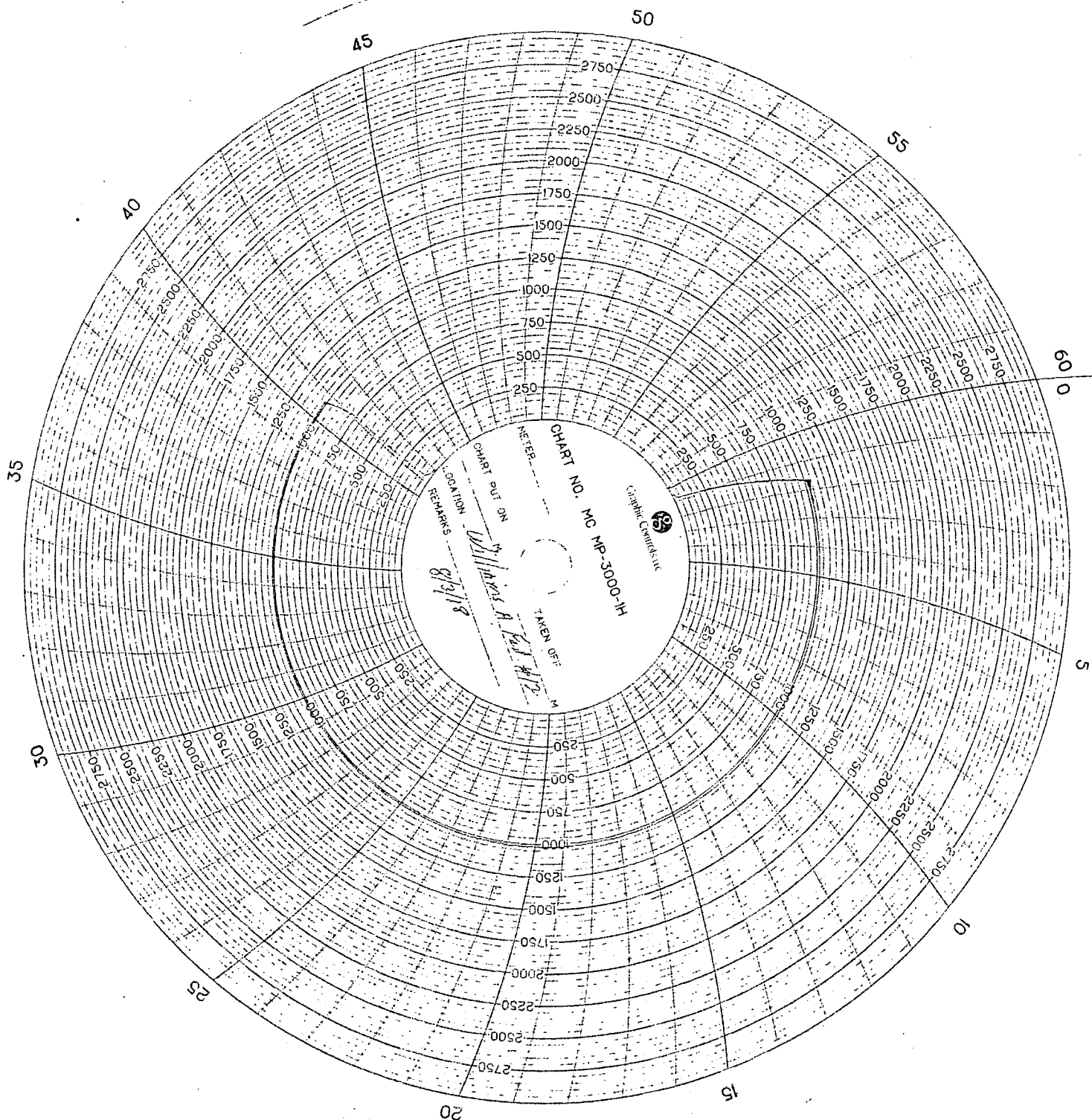
(Instructions on page 2)

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

Additional data for EC transaction #432369 that would not fit on the form

32. Additional remarks, continued

& fraced w/29,430# 100 mesh & 163,130# 40/70 sand in slick water.
On 8/13/18, MIRUSU. CO after frac, drilled CBPs @ 2350' & 2865', & CO to CBP @ 3480'. On 8/15/18, landed 2-7/8" 6.5# J-55 tbg @ 3273'. Ran pump & rods. Released completion rig on 8/17/18. After production has stableized in a few months, we plan to remove the CBP @ 3480' & DHC as per State order DHC-4756 & the approved BLM DHC on 7/7/15.



Dale Osburn
Pressure Service
#4 8-3-18
Williams A Federal #2

Surface - 330' FSL & 2200' FWL
Sec. 29-T17S-R28E-Unit N
Bottom Hole - 360' FSL & 1665' FWL
Sec. 29-T17S-R28E-Unit N
Eddy County N.M.
API. #30-015-41890