

## New Mexico Oil Conservation Division, District I

1625 N. French Drive

Hobbs, NM 88240

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

FORM APPROVED

OMB No. 1004-0137

Expires: July 31, 2010

Form 3160-5  
(August 2009)

RECEIVED

MAR 10 2011

## SUNDAY 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.

NM-03844

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☐ Oil Well☐ Gas Well☒ Other

2. Name of Operator

Celero Energy II, LP

3a. Address

400 W. Illinois, Ste. 1601 Midland TX 79701

3b. Phone No. (include area code)

(432)686-1883

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

330' N 330' S  
UL: A, Sec: 27, T: 13S, R: 31E

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

8. Well Name and No.

ROCK QUEEN UNIT #29

9. API Well No.

30-005-00883

10. Field and Pool or Exploratory Area

CAPROCK; QUEEN

11. Country or Parish, State

CHAVES

NM

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

## TYPE OF SUBMISSION

☐ Notice of Intent☒ Subsequent Report☐ Final Abandonment Notice

## TYPE OF ACTION

☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☒ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☒ Other Convert to  
monitor well

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 recompleate 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 recompleation 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.)

2/14/11 - MIRU. TOH w/ tbg. Tied onto tbg & pumped 60 BW down tbg & recovered 55 BF. Circ until all oil was circ out of WB.

2/15/11 - TOH w/ a total of 94 jts of 2 3/8" OD 4.7# 8rd J-55 (2860') of production tbg w/ #4 DH electric round cable w/ submersible pumps. C/O cellar & all equipment near WH's. Ran pkr to 30' & filled 6" csg full of wtr to surface. Cut off 9" & 6" WH's & replaced w/ 9 5/8" x 7" x 2000# surface csg head & 7" x 2 3/8" x 2000# tbg head. Ran pkr to 62' & tested 6" csg & tbg head w/ 500#, held okay.

2/16/11 - TIH w/ tbg WS & 5 1/8" OD bit. Tag @ 3012'. C/O from 3012' to 3062'. Perfs @ 3048-57'.

2/17/11 - TIH w/ tbg, WS & 6" AD-1 tension pkr to 3018'. Test tbg-csg annulus w/ 500#. Able to pump into leak @ 1/2 BPM & 550#. Made multiple settings. Found top of the hole in 6" csg between 225' & 258'.

\* Continued on attached sheet

APPROVED FOR 12 MONTH PERIOD  
ENDING FEB 25 2012

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Lisa Hunt

Title Regulatory Analyst

Signature

Lisa Hunt

Date 02/28/2011

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/S/ DAVID R. GLASS

Title PETROLEUM ENGINEER

Date

MAR 03 2011

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the work will be performed or provide the Bond No. on file with BLM/BIA.

The Mechanical Integrity Test (MIT) Showed  
A Pressure Loss Of 45 Psi (8.0 %) From 565  
PSI To 520 Psi In 33 Minutes. Another MIT  
Test Will Be Required To Extend This Approval  
Which Expires FEB 25 2012.

ELG 3-14-2011

by person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representation.

**Rock Queen Unit #29- C103 Continued**

**2/18/11** - Ran cmt bond log from 2300' to 3060'. Ran csg inspection log from surface to 3020'. TIH w/tbg work string & 6" RBP. Ran & set @ 3015'. TOH. TIH w/6" AD-1 tension pkr to 485'. Test down tbg & csg held 500# from 485' to 3015'. Raise & locate hole in 5 1/2" csg from 220' to 226'. Can pressure to 500# & loses to 0# in 45 seconds. Unable to get an injection rate through leak in the 6" csg. TOH w/ tbg & pkr.

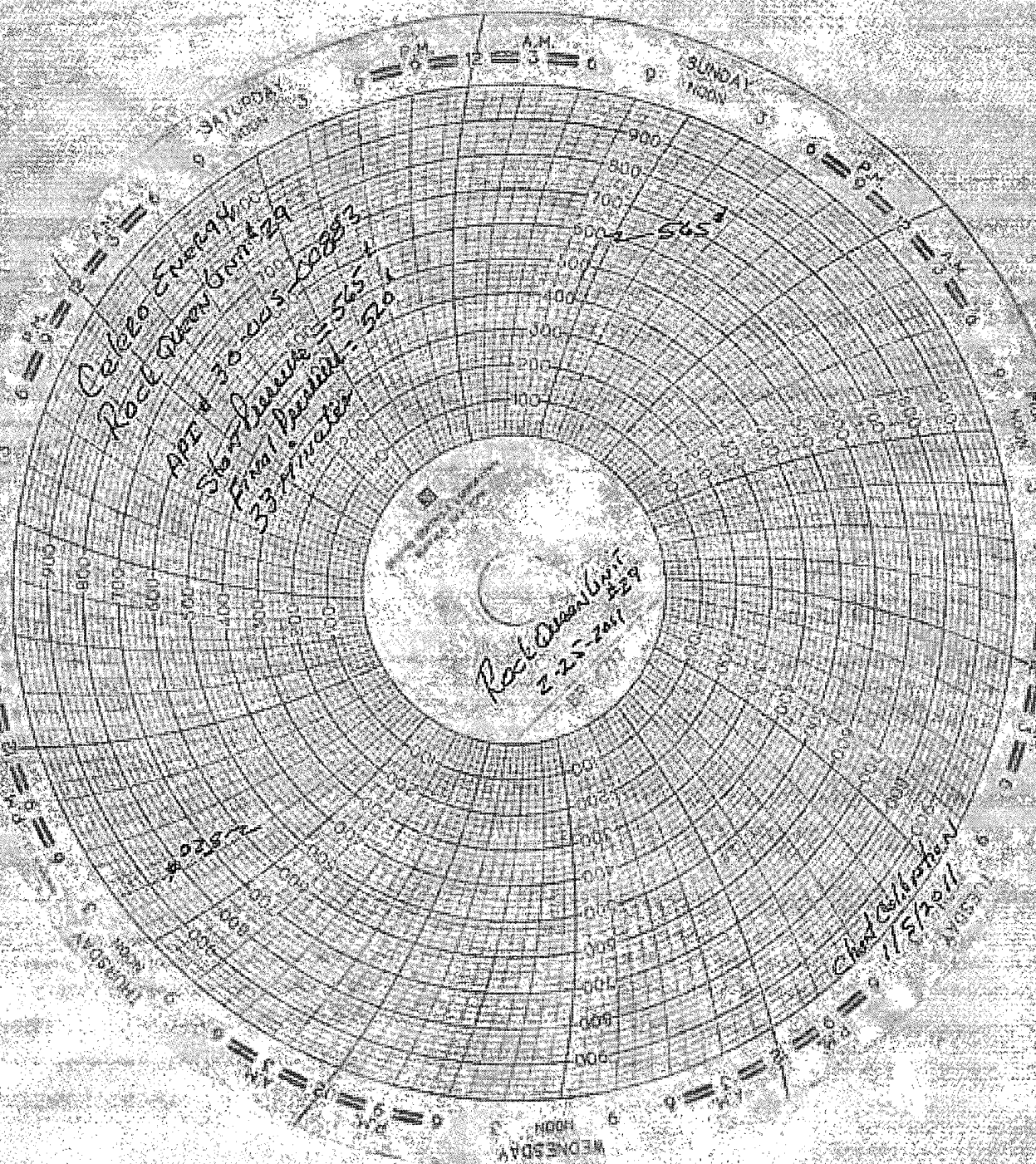
**2/21/11** - Load 9" x 6" annulus w/4 BPW. Attempt to pump through holes in 6" csg from 220' to 226'. Would pressure up to 500# & lost 150# in 25 mins. Would not circ out 6" up 9" annulus. Perf 6" csg w/ 1 11/16" decentralized sqz gun w/ 2 shots @ 260'. Unable to circ out 6" perfs up 9" csg annulus. Reperf 6" csg w/ 3 1/8" csg gun w/ 2 shots, 180 degrees apart @ 260'. Pumped down 6" csg through perfs @ 260' @ 1.5 BPM @ 300# pressure. Had good circ.

**2/22/11** - Unable to get cementing equip. Prepare to cmt sqz perfs @ 260'.

**2/23/11** - Pumped 5 BPW down tbg through perfs 260' & circ out production & surface csg annulus @ 2 BPM & 350#. Mix & pumped 75 sx of Class "C" cmt w/ 2% CaCl<sub>2</sub>. Displaced to 3 1/2 BFW. Started staging cmt & displaced cmt to 228' leaving 1 bbl of cmt in 6" csg. Perfs squeezed w/ 700#. Now WOC.

**2/24/11** - Test down tbg w/ 500# & held okay. TOH w/ tbg & pkr. TIH w/ 5 1/8" OD bit, 6- 3 1/2" OD DC's & 2 7/8" tbg WS. Tag @ 231'. Drill cmt from 231' to 266'. Ran bit to 500'. Test csg from surface to RBP @ 3015' w/ 500# for 30 min, held okay. Ran bit to RBP & circ off sand. TOH w/ tbg & BHA. TIH w/ tbg & retrieving head for RBP. Latched onto same @ 3015' & TOH.

**2/25/11** - TIH w/ 93 jts (3004') of 2 3/8" OD 4.7#, 8rd, EUE, J-55 IPC tbg w/6" AD-1 pkr. Ran to 3004' w/pkr swinging. Circ pkr fluid. Set pkr w/ 25 point of tension. ND BOP & NU WH. Ran OCD required MIT. Pressure from 565# to 520# in 30 mins. Tested okay. Approval was given by Maxey Brown w/OCD to take MIT. Original chart is being sent to OCD Hobbs & a copy of chart sent to BLM. Well is now a monitor well as per Order No. R-1541-B.



Celerio Energy  
Rock Quant Limit 29  
APR 14 30-005-50853  
567-11111-565  
Final Product - 501

Rock Quant Limit  
2-25-2011

Chad Robertson  
1/5/2011