

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103

June 19, 2008

RECEIVED

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MOBBSOCD

CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-005-00929

5. Indicate Type of Lease

STATE ☒FEE ☐

6. State Oil &amp; Gas Lease No.

303735

7. Lease Name or Unit Agreement Name  
Rock Queen Unit

8. Well Number 97

9. OGRID Number

247128

10. Pool name or Wildcat

Caprock Queen

## 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 Injector ☒2. Name of Operator  
CELERO ENERGY II, LP3. Address of Operator 400 W. Illinois, Ste. 1601  
Midland, TX 79701

4. Well Location

Unit Letter D : 660 feet from the North line and 660 feet from the West line  
Section 35 Township 13S Range 31E NMPM County Chaves11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
4420' KB

## 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 ☐

## SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☒OTHER: ☐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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

5/4/09-MIRU. POOH w/tbg &amp; pkr.

5/5/09-Ran csg inspection log from surface to 2995'. Found bad spots from 2805' to 2995' &amp; 430' to 1070' in 5 1/2" csg.

5/6/09-With tbg open ended @ 2866' attempt to spot 7 sx sand. Failed. Lower to 2999' &amp; circ. hole clean recovering solids in return fluid. TOH w/ tbg. Pour 10 sx of 20/40 sand down 5 1/2" csg. Wait to let sand settle for 50 min. TIH &amp; tag @ 3004'. Set pkr @ 2688' above bad spots in csg from 2805' to 3000'. Pumped 20 BFW @ 1.8 BPM &amp; 150#. Load tbg/csg annulus to 400# to check integrity of pkr. Tbg went on vacuum while the annulus held 400#. Lower pkr to 2843'. Pumped 10 BFW @ 1.8 BPM @ 300#.

\*Cont'd on back of page

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Lisa HuntTITLE Regulatory AnalystDATE 06/01/2009Type or print name Lisa HuntE-mail address: LHunt@celeroenergy.comPHONE: (432)686-1883

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APPROVED BY: [Signature]TITLE REGULATORY ENGINEER

DATE

Conditions of Approval (if any):

JUN 08 2009

## Rock Queen Unit #97 – Continued

5/7/09 - Tagged sand at 2996'. Ran 3 1/2" OD dump bailer & dumped 4'+ of cmt on sand for a PBTD of 2992'. TIH w/tbg & 5 1/2" model AD-1 shorty tension packer. Ran & set at 2565'. Place 400# pressure on tbg-csg annulus. Prepared to cmt squeeze hole in 5 1/2" csg from 2805' to 2992'. Mixed & pumped 150 sx of Class C cmt w/sand and 2% CaC12 as follows: pumped 10 BFW at 200# at 2 BPM followed w/100 sx of Class C cmt w/2% CaC12 & w/2#/sx of 20-40 sand + 50 sx of "C" cmt w/2% CaC12. (Cmt mixed at 15 & 14.8 ppg). Displaced cmt below packer, staging same for two hrs. Max pressure = 300# falling back to 100#. Overdisplaced cmt w/5 BFW. WOC 2 hrs. Pumped 100 sx of Class "C" cmt w/2% CaC12 & displaced to 2716'. Staged cmt, twice, pumping into holes in 5 1/2" csg from 2805' to 2992'. Squeezed off w/1100# pressure. Pressure did not fall below 1100#.

5/8/09 - After WOC 16 hrs. Tbg pressure = 0#. Tested to 500#. Held okay. Released pkr & TOH. TIH w/2 3/8" OD tbg + 6 – 3 1/8" DC's & 4 3/4" bit. Tagged at 2686'. Drilled cmt from 2686' to 2843'. Tested squeeze to 600#. Held okay. Resumed drlg cmt. Drilled to 2990'. Lost circulation. Cont'd to pump & gained back circulation after pumping 60 BFW, lowering bit to 2997'. Circ hole clean. SD. Well back flowed 15 BFW. Lowered bit & tagged at 3010'.

5/11/09 - Tagged @ 3003'. Dumped 10' of cmt @ 3003'. WOC 2 hrs. Tagged @ 3003'. Pumped 25 BFW @ 2 BPM & 0# pressure. Dumped 10' of cmt w/dump bailer @ 3003'. WOC 1 1/2 hrs. TIH w/tbg & tension packer. Set pkr @ 2626'. Pumped into bad spots in csg at 1 1/2 BPM & 200# pressure. Mixed & pumped 150 sx of Class C cmt w/2% CaC12 + 2#/sx of sand in 1<sup>st</sup> 100 sx. Displaced cmt below pkr. Staged cmt 4 times, displacing w/5 BFW. The first 3 stages did not show any pressure. The last stage finally showed 200# but would not hold same. Overdisplaced cmt w/4 BFW. WOC 1 1/2 hrs. Mixed & pumped 150 sx of Class C w/2% CaC12 (1<sup>st</sup> 50 sx contained 2# sand per sack) & displaced w/2 1/4 BFW in two stages. Well squeezed w/700# pressure. WOC 15 mins. Pressure did not fall. Displaced cmt to 2718'.

5/12/09 - WOC 14 hrs. Tagged cmt at 2746'. Drilled cmt from 2746' to 2843'. Tested csg to 500#. Held ok. Drilled to 2997'. Circ hole clean. Tested to 200#. Ok. Tested to 400#. Ok. Tested to 500#. Ok. Tested to 580# & pressure bled off to 0#. Broke down cmt squeeze job.

5/13/09 - TIH w/tbg and 5 1/2" tension pkr. Set pkr at 2626'. Pumped into csg leak at 2990' +/- w/8 BFW at 200# & 1 1/2 BPM. Mixed & pumped 150 sx of Class C cmt w/2% CaC12 (1<sup>st</sup> 100 sx had 2# sand per sack of cmt). Displaced in stages w/4.5 BFW below pkr to 2810'. Final SD pressure = 100#.

5/14/09 - After WOC 23 hrs. Tagged cmt at 2838'. Tested csg at 2838' to 500#. Held ok. Drld cmt from 2838' to 2997'. Circulated hole clean. Tested csg from surface to 2997' w/500# pressure. Held ok for 15 mins.

5/15/09 - TIH w/4", 9.5#, J-55, flush jt csg w/ultra thread as follows: Ran 4" guide shoe, 1 jt of 4" csg, 4" float collar & 68 jts of 4" csg. Tagged at 2990'. Attempted to wash down to 2997'. Would not wash down. Csg set at 2990'; guide shoe at 2990'; float collar at 2943'. Displaced volume of csg w/35 BFW. Pumped 75 sx of Triple N Light cmt mixed at 12.8 ppg w/yeild of 2.01, tailed in w/20 sx of Class C cmt w/2% CaC12. Displaced w/35 BFW. Did not bump plug. Checked float & held ok. Circ an estimated 22 sx of cmt to pit.

5/18/09 - After WOC 68 hrs. Set slips & installed 4 1/2" x 2000# well head. NU BOP. TIH w/2 3/8" OD tbg & 3 3/8" bit. Tagged @ 2946'. Drilled out rubber plug & float collar at 2948'. Resumed drlg cmt & drl out guide shoe at 2995'. Displaced drlg fluid w/clean FW. Continued drlg cmt to 3019'. Well went on strong vacuum. Lower bit to total depth of 3041'. TOH. LD drill string & bit.

5/19/09 - TIH w/95 jts of 2 3/8" OD, 4.7#, 8rd EUE, IPC tbg w/"turned down collars" & 4" nickel plated Arrowset pkr w/1.5" profile nipple. Set pkr at 2971-76' w/8 pts of tension. Released on/off tool. Circulated pkr fluid. Latched back onto pkr w/on-off tool. Took 30 mins csg integrity test. Tested from 520# to 530#. Ok. Witnessed by Maxey Brown w/OCD. Connected to injection. RDMO