

Submit 1 Copy To Appropriate District
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District I - (505) 393-6161
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District II - (575) 748-1283
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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
HOBBS OCD
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505
DEC 19 2011
RECEIVED

Form C-103
Revised August 1, 2011

WELL API NO. 30-005-00876	
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No. 303375	
7. Lease Name or Unit Agreement Name Rock Queen Unit	
8. Well Number 39	
9. OGRID Number 247128	
10. Pool name or Wildcat Caprock; Queen	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4419' GR	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: Cmt squeeze csg leak <input checked="" type="checkbox"/>	

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.

11/9/11 - TIH w/pkr & RBP. Set RBP @ 2975', test to 600#, held ok. Test 5 1/2" csg from surf to top of pkr @ 2970'. Pumped into 5 1/2" csg @ 1.1 BPM @ 400#. Found top holes in 5 1/2" csg from 407' to 439'. Took 1 BPM @ 400#. Locate btm holes from 1023-55'. Took 1 BPM @ 400#. Raise RBP to 1055'. Test w/500#, OK. Raise pkr to 731'. Pump into 5 1/2" csg leaks @ 1.1 BPM & 550#, pumping 10 BPW. Didn't have communications up hole, either out the tbq-csg annulus and/or the 5 1/2" x 8 5/8" annulus. Raise RBP to 731', test to 500# & held ok. Raise pkr to 407', pumped 5 BPW through 5 1/2" csg leaks @ 1 BPM & 400# pressure. Didn't communicate with tbq-csg annulus & 5 1/2" x 8 5/8" annulus.

11/10/11 - Ran CIL from surf to 2990'. Ran GR/CCL/CBL from surf to 3030'. Ran & set RBP @ 2610'. TOH w/ tbq & retrieving head for RBP. TIH w/ tbq WS w/ 5 1/2" AD-1 tension pkr. Ran & set @ 716'. Pumped through tbq into leaks in 5 1/2" csg @ 1 BPM & 400#. Checked tbq-csg annulus, didn't communicate w/ tbq.

* Continued on attached sheet

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 Hunt

TITLE Regulatory Analyst

DATE 12/13/2011

Type or print name Lisa Hunt

E-mail address: lhunt@celeroenergy.com

PHONE: (432)686-1883

For State Use Only

APPROVED BY:

Mary S Brown

TITLE

Compliance Officer

DATE

12/20/2011

Conditions of Approval (if any)

Rock Queen Unit #39 – C103 continued

11/11/11 - Reset pkr @ 684'. Pump 7 BFW through tbg into lwr csg leaks from est 750' to 1015' @ 1.1 BPM & 500# press. Pump 125 sx of Class "C" cmt w/ 2% CaCl₂, SD, wash up & displace cmt 1 bbl below pkr @ 0.8 BPM & 900#. Staged cmt & got a 700# holding SD psi, leaving TOC in 5 1/2" csg @ 740+/-'. WOC a total of 5 hrs. Check for backflow. No backflow. Raise pkr to 276' to cmt holes in the upper part of 5 1/2" csg. Pump 5 BFW @ 1.3 BPM @ 600#. Pump 125 sx of Class "C" cmt with 3% CaCl₂ SD, wash up & displace cmt 1 bbl below pkr. Staged cmt several times over 3 hrs time frame & got a 500# holding pressure, leaving TOC in 5 1/2" csg @ 390' w/ a csg leak @ 415'. WOC.

11/14/11 - WOC 63 hours. Test down tbg w/ 500# pressure (pkr at 276'); took fluid at 0.8 BPM at 500#. Release pkr & TOH. TIH w/ tbg work string, 6 - 3 1/2" drill collars & 4 3/4" bit. Ran & tag cmt at 755'. D/O cmt from 755' to 1047', ran bit to 1081', circ. hole clean. TOH. TIH w/ tbg & 5 1/2" AD-1 pkr. Ran pkr to 1106' & test csg from 1106' to RBP at 2610'. Tested 500# & held. Raise pkr to 976' & test cmtd holes in csg at 1025' & held 500#, OK. Raise pkr to 811' & pkr appears to be leaking. TOH w/ tbg & pkr.

11/15/11 - Circ off sand & circ. hole w/ clean lse water. Latch onto RBP @ 2610', re-set @ 1106'. Ran pkr to 1100'; test RBP, OK. Raise pkr to 990'; test cmt sqzd hole in 5 1/2' csg at 1025'; held 500#. Reset RBP at 990': Test pkr & RBP to 500#. Test okay. Raise pkr & RBP up hole to locate holes in 5 1/2" csg. The following are the csg leaks: from 885 - 918'; test to 500# & leaked off 300# in 10 seconds. From 698' to 830'; test to 500# & leaked off 125# in few seconds; lost 10# more in the next 3 min. From 568' to 698'; test to 500# & leaked off 100# in one min. From 407' to 568'; pressured to 500# & would take fluid at 0.9 BPM at 500#.

11/16/11 - TIH w/ retrieving tool for RBP. Lwr from 830' to 990'. Spot 2 sx of sand on RBP @ 990'. TIH w/ tbg and 5 1/2" AD-1 tension pkr and set at 236'. Load and test tbg-csg annulus w/ 500#. Pump 3 BFW at 1 BPM & 600# pressure. Pump 150 sx of Class "C" cmt with 2% CaCl₂, SD, wash up and displace cmt 1.2 bbls below pkr at 700# & 1 BPM. WOC & start staging cmt. Displaced 2.2 bbls below pkr & well sqz with 1000# SD psi. Est TOC at 320'. WOC.

11/17/11 - WOC 23 hrs. TOH w/ tbg & pkr. TIH w/ tbg, 6 - 3 1/2" DC's & 4 3/4" bit. Ran & tag @ 314'. Test csg to 500# from surf to 314'. Ok. Drl cmt from 314' to 508'. Test from surf to 508' & held 400# ok. Drl cmt to 636'. Circ hole clean.

11/18/11 - Drl from 636' to 640' & fell out of cmt. TOH. Latch onto RBP at 990' & lwr to 2975'. Spot 2 sx of sand on RBP. TIH w/ tbg 2 - 5 1/2" csg scrapers, run in tandem, with 4 3/4" bit. Ran to 2970' and circ hole clean.

11/19/11 - TIH w/ 5 1/2" csg brush, ran same from surface to 2970'. Circ hole clean. TIH w/ tbg & retr head for RBP. Ran to 2970'. Circ hole clean w/ produced water.

11/21/11 - Circ hole w/ 110 bbls of 10 ppg lease wtr. Latch onto RBP & TOH w/ same. TIH w/ tbg WS and Globe Packer's 5 1/2" nickel plated AS1-X pkr with cap string connections and 3 jts (85') of 2 3/8" fiberglass tbg with mule shoe cut on btm jt. Set pkr from 2968' to 2982' and fiberglass tbg from 2982' to 3067'.

11/22/11 - Place 200# on tbg, release from pkr & start circ pkr fluid. Circ 280 bbls of pkr fluid in 90 to 100 bbls circulations. Unable to get hole clean from cuttings. Continued to recover cmt cuttings. Latch onto pkr, release pkr and TOH w/ pkr. TIH w/ tbg and 5 1/2" RBP. Ran & set at 2985'. Spot 2 sx of sand on same. TIH w/ 2 - 5 1/2" csg scrapers. Ran to 2955', circ hole, recovering small amount of cmt cuttings.

11/28/11 - Lwr RBP retrieving head to RBP at 2985'. Circ hole with 90 BPW. Hole circ clean. Latch onto RBP, POH w/ tbg & RBP. TIH w/ tbg WS with Globe Packer's nickel plated 5 1/2" AS1-X packer with cap string connections, 1.562 "R" blanking plug & 3 jts (86') of 2 3/8" fiberglass tubing with mule shoe cut on bottom jt. Set pkr from 2967' to 2981' with fiberglass tubing from 2981' to 3067'.

11/30 – 12/7/11 - Rel from pkr. Circ hole with pkr fluid. TOH, LD tbg WS w/ retrieving head for pkr. Run cap strings w/ 2 3/8" IPC tbg. Ran 90 jts (2941') of 2 3/8" O.D., 4.7#, 8rd, EUE, J-55 IPC tbg, 1 - 6' & 1 - 10' x 2 3/8" IPC tbg subs, 1 - 2 3/8" O.D. x 10 nickel plated lift sub for pkr top assembly (gas buster, 2 3/8" x 2' nickel plated space sub + pkr on/off tool with seals for volume tbg and profile nipple), plus 2 - 3/8" stainless steel capillary strings. Ran and latched onto pkr at 2967', placing 5 pts compression on pkr. Tbg set @ 3067'. Cut SS cap strings from spooler, NU 7 1/16", 3K slip type flange w/ 2 - 1" cap string outlets & installed valves on cap strings. Pumped 10 gal of wtr down water - chemical line at 5000# & pumped 10 gal wtr down CO₂ (gas) line at 5000#. Tested as designed - OK. Finish WH installation, installing two, 1" stuffing boxes for cap strings & installed 2 1/6", 5K, tbg valve. Turn well over to production.