

Submit 1 Copy To Appropriate District  
Office  
District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
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

Form C-103  
Revised July 18, 2013

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. 30-025-41526
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name ROCK QUEEN UNIT
8. Well Number 318
9. OGRID Number 240974
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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator LEGACY RESERVES OPERATING LP	
3. Address of Operator PO BOX 10848, MIDLAND, TX 79702	
4. Well Location Unit Letter <u>N</u> : <u>880</u> feet from the <u>SOUTH</u> line and <u>1570</u> feet from the <u>WEST</u> line Section <u>30</u> Township <u>13S</u> Range <u>32E</u> NMPM County <u>LEA</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4377' GL	

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 ☐  
CLOSED-LOOP SYSTEM ☒  
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐  
OTHER: DRILLING & COMPLETION ☒

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.

---SEE ATTACHED---

Installed Closed-Loop System with steel tanks. Hauled contents from Closed-Loop System to approved NMOCD disposal location according to Rule 19.15.17.

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 Laura Pina TITLE REGULATORY TECH DATE 12/30/2014

Type or print name LAURA PINA E-mail address: lpina@legacylp.com PHONE: 432-689-5200  
**For State Use Only**

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE 02/20/15  
Conditions of Approval (if any):

FEB 24 2015

## ROCK QUEEN UNIT # 318

### Drilling:

#### **Jun 29, 2014**

MIRU Basic rig 38. Spud well at 1:00 am. Drill 11" hole 40'-426'

#### **Jun 30, 2014**

Drill 11 hole 426' to 1475'. Trip out to run 8 5/8 surface casing.

#### **Jul 1, 2014**

Run 8 5/8 24# J-55 STC casing landed at 1474'. Cement First stage w/Lead 150 sx Class C w/6% Gel, 5% Salt, 1/4pps Celloflake, 2/10% C-41P And Tail w/150 sx Class C w/2% CaCl. Open DV tool and circulate 33 sx off top dv tool. Cement Second stage w/ 300 sx Class C w/2% CaCl, 1/4pps Celloflake. Circulated 125 sx cement to pit.

#### **Jul 2, 2014**

Nipple up BOP and Test. Drill out shoe. Drill 7 7/8 hole 1474' to 1734'

#### **Jul 3, 2014**

Drill from 1474' to 2999'

#### **Jul 4, 2014**

Run 5 1/2 casing to 3178'. Cement w/lead 415 sx Class C w/6% Gel, 5% salt, 1/4pps Celloflake, 2/10% C-41P and tail w/175 sx Class C w/2% CaCl. Plug down at 3:15 am. Circulated 87 sx to pit

#### **Jul 5, 2014**

Set casing slips, rig down

### Completion:

#### **Jul 21, 2014**

Rig up Capitan wireline. Run CNL/CCL/GR LOG from log Depth 3114' to Surface.

#### **Aug 22, 2014**

RU Capitan W.L. Perforated 3,067'-3,071' w/ 4 shots per foot 90 deg phasing, RD W.L. 2 7/8" workstring delivered/racked/tallied, MU 32A tension packer on 92 jnts 2 7/8, set packer @ 2,997' prepare to acidize on Monday, SDFWE.

#### **Aug 25, 2014**

RU Crain Acidizing, Pumped 500 gal 7.5% NeFe HCL down tbg w/ 25 ball sealers, ball out on last set, ISIP 1460#, 5 Min 1249# 10 Min 1168#, 15 Min 1134#, flow to frac tank, POOH w/ packer, RU Capitan W.L. perforate 3,046'-3,060' w/ 4 SPF @ 90 deg phasing, RD W.L. RBIH w/ packer set @ 2,997' RU acid equipment, pumped 1,500 gal 7.5% NeFe HCL w/ 90 ball sealers, slight ball action, treated perms 3,046'-3,071'

Max PSI 5,000#, Avg PSI 2,750#

Max Rate 7.6 Avg Rate 6.6

ISIP 1430#, 5 Min 1146#, 10 Min 1111#, 15 Min 1086#,

Load to recover 104 bbls,

RD Crain Acidizing, Flow to frac tank, RU to swab tbg, IFL @ 2,000', made 5 swab runs, recovered 27 bbls all water/sand, Secured well SDFN

#### **Aug 26, 2014**

Open well, zero on tbg/csg, Continue to swab, IFL @ 2,000', made 18 runs, recovered 93 bbls all water, EFL @ 2,000' secured well, SDFN.

#### **Aug 27, 2014**

POOH laying down workstring and treating packer, 2 7/8" 6.5# J55 prod tbg delivered/racked/tallied, PU RIH w/ prod string,

92 jnts 2 7/8" J55 (2,980.92')

SN @ 2,981.92

TAC 5 1/2" x 2 7/8" @ 2,984.92'

Perf Sub 2,988.92'

BPMJ EOT @ 3,022.7'

ND BOP, set TAC, NUWH, prepare to run rods in the a.m.

**Aug 28, 2014**

PU RIH w/ 12' x 1 1/4" gas anchor, 2 1/2" x 1 3/4"x 20' RHBC w/ BNC barrel, 10 - 1.5" sinker bars, 64' - 7/8" rods, 43 - 1" rods, 20' - 1" rod subs, 20' x 1 1/4" PR w/ 14' x 1 1/2" liner, seated and spaced out pump, hung well on, secured well, SDFN.

**Aug 29, 2014**

RU pump truck on tbg, load tbg/tested to 500#, long stroked pump, pressured up, released well to production dept, RDMO Horizon W.S.