

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 87401

District IV - (505) 476-3460

1220 S. St. Francis Dr., Santa Fe, NM  
87505

Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-025-23869

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

309574

7. Lease Name or Unit Agreement Name

Langlie Jal Unit

8. Well Number 71

9. OGRID Number

263848

10. Pool name or Wildcat

Langlie Mattix: 7Rivers-Queen-Grayburg

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

Resaca Operating Company

3. Address of Operator

1331 Lamar Street, Suite 1450

Houston, TX 77010

4. Well Location

Unit Letter D : 660 feet from the North line and 510 feet from the West line

Section 8 Township 25S Range 37E NMPM Lea County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

3179' 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 ☐

OTHER: Extend TA Status of Well ☒

SUBSEQUENT REPORT OF:

Rule 19.15.25.14

Set CIBP, RBP or Packer within 100 feet of uppermost  
perfs or open hole Pressure test to 500 psi for 30 minutes with  
a pressure drop of not greater than 10% over a  
30 minute period.

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.

Objective: Extend TA Status of Well due to upcoming proposal for Waterflood Realignment Project.

1.) MIRU Pulling Unit

2.) Set Plug within 100' of less of Top Perf @ 3305'.

3.) Circulate Packer Fluid; Nipple well back up.

4.) Notify NMOCD- Hobbs 24 hours prior to MIT; Set up pump truck.

5.) Run MIT to 500-525 psi for 30 minutes; Record on recorder with 1000# chart, 1 hour clock.

6.) Pull chart for NMOCD; RDMO Pulling Unit, clean location. Temporarily Abandon well.

The Oil Conservation Division

MUST BE NOTIFIED 24 Hours

Condition of Approval: Notify OCD Hobbs

office 24 hours prior to running MIT Test & Chart

Spud Date: **Prior to the beginning of operations**

Rig Release Date:

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

SIGNATURE

*Melanie Reyes*

TITLE

Engineer Assistant

DATE

5/10/2012

Type or print name

Melanie Reyes

E-mail address:

melanie.reyes@resacaexploitation.com

PHONE:

(432) 580-8500

For State Use Only

APPROVED BY

*Staff MGR*

TITLE

Staff MGR

DATE

5-16-2012

Conditions of Approval (if any):

MAY 16 2012

## WELLBORE SCHEMATIC AND HISTORY

## CURRENT COMPLETION SCHEMATIC

Surface Casing  
Hole Size 12 1/4"  
CSG Size 8 5/8"  
Set @ 824'  
Cmt 500 sx Cl C  
Circ Yes,

Production String  
Hole Size 7 7/8 in  
Csg Size 4 1/2 in  
Set @ 3,600 ft  
Sxs Cmt 1125 sx  
Circ @ Surface

## LEASE NAME

Langlie Jal Unit

## WELL NO

71 WIW

## STATUS

Inj

Injector

Oil

## API#

30-025-23869

## LOCATION

660 FNL &amp; 510 FWL, Sec 8, T - 25 S, R - 37 E, Lee County, New Mexico

## SPUD DATE

10/09/71 TD

3600

KB

3,191'

DF

## INT COMP DATE

04/17/72 PBTD

3600

GL

3,179'

GR

## ELECTRIC LOGS

## GEOLOGICAL DATA

## CORES, DST'S or MUD LOGS

## HYDROCARBON BEARING ZONE DEPTH TOPS

Yates @ 2888'

7-Rivers @ 3125'

Queen @ 3290'

## CASING PROFILE

Surf Csg 8 5/8" - 20#, K -55 set @ 824' Cmt'd w/500 sxs - TOC - Surface

Prod Csg 4 1/2 " 9 5 &amp; 10 5# J-55 set @ 3600' Cemented with 1125 sx Class C TOC @ Surface

## CURRENT PERFORATION DATA

## CSG PERFS

## OPEN HOLE

10-Apr-72 Perf'd Queen f/3305'-10', 3336'-3339', 3343', 3398', 3464'-3469', 3486', 3505'-3508', 3523'-3532', &amp; 3548', 1JHPF, 26', 31 holes

## TUBING DETAIL

7/10/2003

## ROD DETAIL

3195 104 2 3/8 IPC Tubing

4 1 Uni-Pkr

3199

0

## WELL HISTORY SUMMARY

18-Apr-72 Perf'd Queen f/3305'-10', 3336'-3339', 3343', 3398', 3464'-3469', 3486', 3505'-3508', 3523'-3532', & 3548', 1JHPF, 26', 31 holes  
06-Mar-73 Acidized perfs (Queen) (3,305' to 3548') w/ 1,250 gals 15% HCl MB acid Frac'd with 16,000 gals + 20,000# 20-40 mesh sand RIH with 4 1/2" Guiberson Uni-Pkr on 2 3/8" IPC tubing Set Uni-Pkr @ 3,239'  
11-Nov-77 Acidized perfs (Queen) (3,305' to 3548') w/ 5,000 gals 28% HCl + 5,000 gals HO2 containing 2 gal/1000 gals D-4 concentrated oil stripper and 1400# rock salt MB acid Frac'd with 16,000 gals + 20,000# 20-40 mesh sand RIH injection string, PKR @ 3,143'  
03-Jul-02 Injection rate: 360 bwpd @ 700# TP.  
11-Jun-02 TOH with injection equipment Replaced 10 joints 2 7/8" IPC tubing Restore well to injection  
28-Jun-02 Cleaned out fill across perforations Set PKR 3,230'  
01-Jul-03 Test casing @ 10 joints at a time - test okay T&A well!

Yates @ 2888'

7-Rivers @ 3125'

PKR @ 3199'

Queen @ 3290'

3305'-3310'

3336'-3339'

3343'

3398'

3464'-3469'

3486'

3505'-3508'

3523'-3532'

3548'

Fill @ 3,550'

Shoe @ 3848'

PBTD 3600 ft  
TD 3600 ft

PREPARED BY

Domingo Carrizales

UPDATED

19-Mar-12