

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

HOBBS OCD

MAR 01 2012

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

WELL API NO. 30-025-11506
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. 309574
7. Lease Name or Unit Agreement Name Langlie Jal Unit
8. Well Number 72W
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 C : 660 feet from the North line and 2310 feet from the West line

Section 8 Township 25S Range 37E NMPM Lea County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3181' 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: Locate casing leak & cement squeeze if necessary,  
Run MIT ☒

## SUBSEQUENT REPORT OF:

Per Underground Injection Control Program Manual  
11.6 C Packer shall be set within or less than 100  
feet of the uppermost injection perfs or open hole.

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: Locate casing leak &amp; repair with cement squeeze if necessary. Run Mechanical Integrity Test.

- 1.) MIRU Pulling Unit & Above Ground Steel Pit
- 2.) Pressure Test casing to locate leak.
- 3.) Once leak is located, cement squeeze if necessary, w/ appropriate sacks of cement.
- 4.) Drill out cement & circulate well clean.
- 5.) Pressure Test casing to make sure casing repair was successful.
- 6.) Run Mechanical Integrity Test (Notify NMOCD- Hobbs 24 hrs. prior to test); Pull chart for NMOCD.
- 7.) RDMO Pulling Unit, clean location, clean & dispose of pit fluids. Place well on injection.

The Oil Conservation Division  
MUST BE NOTIFIED 24 Hours

Prior to the beginning of operations

Spud Date:

Rig Release Date:

Condition of Approval: notify  
OCD Hobbs office 24 hours

prior of running MIT Test &amp; Chart

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

SIGNATURE

TITLE

Engineer Assistant

DATE

2/27/2012

Type or print name

Melanie Reyes

E-mail address:

melanie.reyes@resacaexploitation.com

PHONE: (432) 580-8500

For State Use Only

APPROVED BY:

TITLE

State Rep

DATE

3-1-2012

Conditions of Approval (if any):

MAR 01 2012

## WELLBORE SCHEMATIC AND HISTORY

## CURRENT COMPLETION SCHEMATIC

LEASE NAME

Langlie Jal Unit

WELL NO

72 WIW

STATUS

Inj

Oil

API#

30-025-11506

LOCATION

660 FNL &amp; 2310 FWL, Sec 8, T - 25 S, R - 37E, Lee County, New Mexico

SPUD DATE

11/13/37

TD

3748

KB

3,190'

DF

3,189'

INT COMP DATE

12/27/37

PBDT

3704

GL

3,181'

## Surface Csg

Hole Size 17"

CSG Size: 13"

Set @ 226'

Circ to Surf

## ELECTRIC LOGS

## GEOLOGICAL DATA

## CORES, DST'S or MUD LOGS

## HYDROCARBON BEARING ZONE DEPTH TOPS

Yates @ 2895'

7-Rivers @ 3150'

Queen @ 3512'

## CASING PROFILE

Surface 13" - 48#, J-55 set @ 266' Cmt'd w/175 sxs - TOC @ Circulated

Inter 8 5/8" 28 &amp; 32 # H 40 set @ 2,767' Cemented with 800 sx Common &amp; 100 sx Incor w/ 2% salt, Circulated

PROD 5 1/2" 17# Grade C Set @ 3242' Cemented with 25 sx

Liner 3 1/2" 10# TOL @ 3145', BOL @ 3704' Cemented 200 sx

## CURRENT PERFORATION DATA

CSG PERFS.

OPEN HOLE

27-Dec-37 Treated Open Hole f/ 3,226'-3,476' with 300 quarts Nitro

1-Sep-74 Perf'd Queen from 3651'-53', 3665'-73', 3686'-90', 3696'-95', &amp; 3702'-04', 2 JHPF

## TUBING DETAIL

## ROD DETAIL

## WELL HISTORY SUMMARY

27-Dec-37 Treated Open Hole f/ 3,226'-3,476' with 300 quarts Nitro IP: Flowing 155 bopd &amp; 260 mcfpd.

Note: Gas Flowed while drilling (2,938'- 2990'), Flowed @ a rate of 1140 mcfpd.

1-Dec-47 Set BP @ 3,200' with 16' of cement on top Perf'd 3,112'-3,160', 94 holes Swabbed Test: 1500 mcfpd, no oil.

Set BP @ 3,100' with 16' of cement on top Perf'd 3,000'-3,0112', 23 holes Flowed Test: 126 bopd.

1-Aug-74 Squeezed perfs 3,000' to 3,012' with 350 Class C cement. Clean out to 3,476' Logged well to 3,466'

1-Sep-74 Deepen to 3,748' with 4 3/4" hole Set 3 1/2" Liner from 3,145' to 3,748'. Cemented with 200 sx Class C

Perf'd Queen from 3651'-53', 3665'-73', 3686'-90', 3696'-95', &amp; 3702'-04', 2 JHPF

## Intermediate

Hole Size 1712 in

Csg. Size: 8 5/8 in

Set @ 2767 ft

Sxs Cmt 900

TOC @ Surface

Pkr @ 3198'

TOL @ 3145'

## Production Csg.

Hole Size 7 7/8" in

Csg. Size: 5 1/2 in

Set @ 3850 ft

Sxs Cmt 1300

TOC @ 285'

SQZ Csg Lk  
at 2873'

Set @ 3242'

3348', 3354'

3358', 3362'

3396' 3400'

3411',

3440', 3444'

3495'-3497'

3475'-3482'

3516'-3520'

3542'-3546'

3550'-3560'

3573'-3579'

3589'

3593'-3595'

## Liner

Hole Size 4 3/4 in

LNR Size: 3 1/2 in

Set From 3145 ft

Set To 3704 ft

Sxs Cmt 200

Circ Yes

PBDT 3704 ft

TD 3748 ft

OH ID 4 3/4 in

PREPARED BY

Domingo Carnzales

UPDATED

28-Feb-12