

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CD. HOBBS

HOBBS OCD

FORM APPROVED  
OMB No 1004-0137  
Expires July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

APR 05 2012

5 Lease Serial No.  
LC-055546 032511 C  
6 If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE** - Other instructions on page 2.

1 Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Resaca Operating Company

3a. Address

1331 Lamar Street, Suite 1450 Houston, TX 77010

3b. Phone No. (include area code)

(432) 580-8500

4 Location of Well (Footage, Sec., T, R, M, or Survey Description)

660' FNL & 1980' FEL, Sec. 17, T-25S, R-37E, Unit Letter B

7. If Unit of CA/Agreement, Name and/or No.  
Langlie Jal Unit- NM 70970A

8 Well Name and No.  
Langlie Jal Unit #87

9. API Well No  
30-025-11634

10 Field and Pool or Exploratory Area  
Langlie Mattix; 7Rivers- Queen-Grayburg

11. Country or Parish, State  
Lea County, NM

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

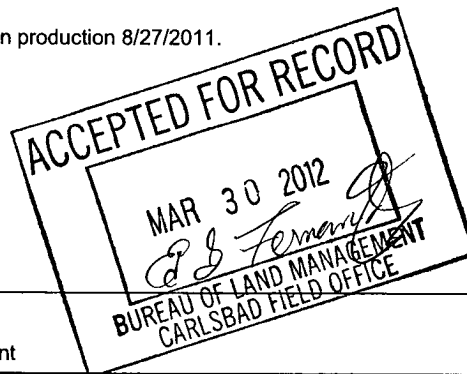
| TYPE OF SUBMISSION                                    | TYPE OF ACTION                                |                                           |                                                    |                                                                                                       |
|-------------------------------------------------------|-----------------------------------------------|-------------------------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off                                                               |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                                                               |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other Repair Tubing leak, put Shut In Producer back on production |
|                                                       | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |                                                                                                       |
|                                                       | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |                                                                                                       |

13 Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Objective: Filing Delinquent Paperwork to show this shut in producer was put back on production and is currently producing in the Langlie Mattix Pool.

- 1.) MIRU Pulling Unit; POOH w/ rods. NDWH. Tagged @ 3652'; POOH w/ 2 7/8" J-55 tubing. 8/25/2011
- 2.) RU Hydro Tester; RIH w/ tubing & tested to 7000 psi.
- 3.) Found split on 94th jt from surface & burst 29th jt. Replaced both joints of tubing.
- 4.) Set TAC, pulled 14,000# tension, NUWH.
- 5.) RIH w/ pump & rods. Checked pump action, good.
- 6.) RDMO Pulling Unit, set Pumping Unit, repaired flowline, and turned on electricity. Put well back on production 8/27/2011.

Well Test- 1/12/2012- 1 oil, 16 water



14 I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Melanie Reyes

Title Engineer Assistant

Signature

Date 02/29/2012

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

APR 10 2012

## WELLBORE SCHEMATIC AND HISTORY

## CURRENT COMPLETION SCHEMATIC

LEASE NAME

Langlie Jal Unit

WELL NO

87

STATUS

Inj

Producer

Oil

API#

30-025-11634

LOCATION:

660 FNL &amp; 1980 FEL, Sec 17, T - 25S, R - 37E, Lee County, New Mexico

SPUD DATE

12/08/52 TD

3650'

KB

3,147'

DF

3,146'

INT COMP DATE

12/31/52 PBTD

3648'

GL

GR

## GEOLOGICAL DATA

## ELECTRIC LOGS

## CORES, DSTS or MUD LOGS

## HYDROCARBON BEARING ZONE DEPTH TOPS

Yates @ 2959'

7-Rivers @ 3185'

Queen @ 3496'

## CASING PROFILE

SURFACE 10 3/4" - 32 75# Grade A set @ 313' Cmt'd w/ 250 sxs - TOC - Circulated

PROD Csg 7" 20# &amp; 23# H-40 set @ 3,248' Cemented with 200 sx Class C TOC @ 1241'

Liner 4 1/2" 10# H-40 set @ 3,018' to 3,650' cemented with 250 sx Class C cement.

## CURRENT PERFORATION DATA

CSG PERFS

OPEN HOLE

11-Dec-52 Original TD3,404' Hydrafrac Open Hole from 3,280' to 3,404' Flowed 548 bopd.

28-Nov-74 Perf'd 7-R and Queen f/ 3314', 3318', 3322', 3328', 3332', 3338', 3342', 3346', 3350', 3354', 3362', 3366', 3370', 3374', 3378', 3382', 3386', 3424'-28', 3452'-60', 3472'-74', 3,490'-96', 3,508'-20', 3,524'-28', 3,530'-36' &amp; 3,538'-42', 1 JSPF, 71 holes

## TUBING DETAIL

8/26/2011

## ROD DETAIL

27-Aug-11

|      |    |                         |      |     |                                                  |
|------|----|-------------------------|------|-----|--------------------------------------------------|
| 2940 | 94 | 2 7/8" 6 5# J-55Tubing  | 18   | 1   | 1 1/4" x 26' polished rod w/ 7/8" Pin            |
| 4    | 1  | 2 7/8" x 7" TAC         | 0    | 1   | 1 1/4" x 1 1/2" x 14' polished rod liner         |
| 180  | 6  | 2 7/8" 6 5# J-55 Tubing | 2    | 1   | 2' - 7/8 pony rod                                |
| 430  | 14 | 2 3/8" 4 6# J-55 Tubing | 125  | 5   | 7/8" steel rods                                  |
| 4    | 1  | 2 7/8" SN               | 3400 | 130 | 3/4" steel rods                                  |
| 4    | 1  | Perf Sub                | 20   | 1   | 2 1/2" x 1 1/2" x 20' RWBC w/ 1" x 8' Gas Anchor |
| 32   | 1  | 2 3/8" Mud Anchor       | 3565 |     |                                                  |
| 3594 |    |                         |      |     |                                                  |

## WELL HISTORY SUMMARY

11-Dec-52 Original TD3,404' Hydrafrac Open Hole from 3,280' to 3,404' Flowed 548 bopd.

15-Nov-74 Deepened well from 3,404' to 3,650' (6 1/8" hole) Logged well to 3,649' RIH with 17 jts (552') 600 ft of 4 1/2" 10 5#, J-55. Cemented liner with 100 sx Class C. Cemented top of liner with 200 sx Class C cement. Test liner to 1000# - okay

28-Nov-74 Perf'd 7-R and Queen f/ 3314', 3318', 3322', 3328', 3332', 3338', 3342', 3346', 3350', 3354', 3362', 3366', 3370', 3374', 3378', 3382', 3386', 3424'-28', 3452'-60', 3472'-74', 3,490'-96', 3,508'-20', 3,524'-28', 3,530'-36' &amp; 3,538'-42', 1 JSPF, 71 holes

01-Dec-74 Acidized perms w/ 2,250 gals 15% NEFE HCl. Sand frac'd w/ 40,000 gals 2% KCl water &amp; 40,000 20/40 mesh sand, diverted w/ rock

02-Feb-75 IP: 54.9 BOPD &amp; 89 BWPD, TSTM gas. API Gravity - 35.2 degree.

30-May-96 Notice of Intent to convert well to injection was filed. No evident that this work was done

25-Aug-11 Tagged @ 3,652' POOH with rods, pump and tubing. Hydrotest tubing to 7,000 psig - split on 94th joint and burst 29 th joint. PWOF

## Surface Csg

Hole Size 12 1/4"  
CSG Size: 10 3/4"  
Set @ 313'  
Cmt 250 sx Cl C  
Circ YES Calc

## Intermediate Csg

Hole Size 8 5/8"  
CSG Size: 7"  
Set @ 3248'  
Cmt 200 sx Cl C  
Circ 1244' Calc'd

## Production Csg

Hole Size 8 3/4" in  
Csg Size 7 in  
Set @ 3247 ft  
Sxs Cmt 200  
TOC 800' Calc'd

## Liner Csg

Hole Size 6 1/8 in  
Csg Size 4 1/2 in  
TOL Set @ 3118 ft  
BOL Set @ 3650 ft  
Sxs Cmt 250

TOC @ 800'  
Calc'd @ 75%

Yates @ 2883'

TOL @ 3018'

7-R @ 3133'

Shoe @ 3,247'

3314'  
3318'  
3322'  
3328'  
3332'  
3338'  
3342'  
3346'  
3350'  
3354'  
3362'  
3366'  
3370'  
3378'  
3382'  
3386'

3424'-3428'  
Queen @ 3452'  
3452'-3460'  
3472'-3474'  
3490'-3496'  
3508'-3520'  
3524'-3528'  
3530'-3536'  
3438'-3542'

PBTD 3648' ft  
TD 3650' ft

OH ID 8 3/4 in

TD @ 3,551

PREPARED BY

Domingo Carnazales

UPDATED

30-Aug-11