

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 August 1, 2011

HOBBS OGD

MAY 16 2012

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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)		WELL API NO. 30-025-24879
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/> Injector <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED <input checked="" type="checkbox"/>
2. Name of Operator Resaca Operating Company		6. State Oil & Gas Lease No. 309574
3. Address of Operator 1331 Lamar Street, Suite 1450 Houston, TX 77010		7. Lease Name or Unit Agreement Name Langlie Jal Unit
4. Well Location Unit Letter <u>I</u> : <u>1830</u> feet from the <u>South</u> line and <u>660</u> feet from the <u>East</u> line Section <u>5</u> Township <u>25S</u> Range <u>37E</u> NMPM Lea County		8. Well Number <u>60W</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3220' GL		9. OGRID Number 263848
		10. Pool name or Wildcat Langlie Mattix: 7Rivers-Queen-Grayburg

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 ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: ☐

OTHER: Failed MIT ☒

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.

1.) MIRU Pulling Unit. 4/23/12

2.) NDWH, released packer, NUBOP; POOH w/ tbg. & pkr., attempt to run MIT, unsuccessful. 4/24/12

3.) PU 4 1/2" Plug & Pkr; Set Plug @ 3358', tested plug to 1500 psi, leaked; Moved plug to 3355', leaked again. 4/25/12

4.) Repeated attempts to test plug, unsuccessful; POOH w/ plug & pkr., LD workstring. 4/26/12

5.) RIH w/ production tubing, ND BOP, NU WH. 4/27/12

6.) RDMO Pulling Unit, cleaned location. 4/27/12

Spud Date:

4/23/12

Rig Release Date:

4/27/12

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

5/11/2012

Type or print name  
For State Use Only

Melanie Reyes

E-mail address: melanie.reyes@resacaexploitation.com PHONE: (432) 580-8500

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

## LEASE NAME

Langlie Jal Unit

WELL NO 60 WIW

## STATUS

Inj

Injector

Oil

## API#

30-025-24879

## LOCATION

1830 FNL &amp; 660 FEL, Sec 5, T - 25 S, R - 37 E, Lee County, New Mexico

## SPUD DATE

11/24/74 TD

3850

KB 3,230'

DF

3,229'

## INT COMP. DATE

12/19/74 PBTD

3783'

GL

3,220'

GR

## ELECTRIC LOGS:

## GEOLOGICAL DATA

## CORES, DST'S or MUD LOGS.

## HYDROCARBON BEARING ZONE DEPTH TOPS.

Yates @ 2927'

7-Rivers @ 3163'

Queen @ 3495'

## CASING PROFILE

Surf Csg 13 3/8" - 61#, K -55 set @ 30' Cmt'd w/75 sxs - TOC - Surface

Inter Csg 8 5/8" 24# J-55 set @ 814' Cemented with 600 sx Class C TOC - @ Surface

Prod Csg 4 1/2" 10 5# J-55 set @ 3848' Cemented with 1100 sx Class C TOC @ 1 030' -?

## CURRENT PERFORATION DATA

## CSG. PERFS.

## OPEN HOLE

13-Dec-74 Perf'd Q &amp; 7-R f/3425'-27', 3497'-3506', 3518', 3534'-40', 3558', 3562'-64', 3567'-77', 3592', 3602', 3606'-10', 3616', 3629'-32', 1 JHPF, 40', 47 holes

04-Dec-85 Drilled out to 3,783' PBTD. Perf'd Q &amp; 7-R f/3425'-27', 3582', 3593', 3616', 3673'-76', 3688'-94', 3720'-3724', 1 JHPF, 18', 25 holes

## TUBING DETAIL

11/11/2008

## ROD DETAIL

3238

104

2 3/8 IPC Tut

4

1

Uni-Pkr

3242

0

## WELL HISTORY SUMMARY

13-Dec-74 Perf'd Q & 7-R f/3425'-27', 3497'-3506', 3518', 3534'-40', 3558', 3562'-64', 3567'-77', 3592', 3602', 3606'-10', 3616', 3629'-32', 1 JHPF, 40', 47 holes  
 Acidized perfs (L Queen 3,562' to 3632') w/ 2,500 gals 15% HCl Divert 40 BS Acidized perfs (3425'-3540') w, 1,000 gals 15% HCl acid and 40 BS Frac'd w/ 40,000 gals 2% KCl & 40,000# 20/40 sand in 3 stages using rock salt to divert IP: 142.8 BOPD & 88.6 BWPD.

12-May-77 Spotted with 100 gals 15% HCl acid Acidized with 1,000 gals 15% HCl acid

04-Dec-85 Drilled out to 3,783', PBTD. Perf'd Q & 7-R f/3425'-27', 3582', 3593', 3616', 3673'-76', 3688'-94', 3720'-3724', 1 JHPF, 18', 25 holes, Acidized with 3,500 gals 15% HCl acid Well converted to water injection well. IP: 1025 bWPE @ 340 psig.

04-Dec-92 Cleaned out with Coiled tubing using 1 1/4" Hydroblast Tool from 3,577' to 3,770'

20-Dec-92 Cleaned out with Coiled tubing using 1 3/4" Hydroblast Tool from 3,330' to 3,780' Recovered iron sulfide

07-Aug-02 Squeezed casing leak (497'-1027') with 6.5 bbls polymer Well passed pressure test

17-Sep-06 Squeezed casing leak (497'-1027') with 6 bbls polymer Well passed pressure test

Casing leak

From 497' &amp; 1027'

Polymer Squeezed

Twice

Yates @ 2927'

7-Rivers @ 3163'

PKR @ 3357'

3425'-3427'

Queen @ 3495'

3497'-3506'

3518'

3534'-3540'

3558'

3562'-3564'

3567'-3577'

3592

3602'

3606'-3610'

3616'

3629'-3632'

PBTD @ 3783'

Surface Casing  
 Hole Size 20"  
 CSG Size 13 3/8"  
 Set @ 30'  
 Cmt: 75 sx Cl C  
 Circ Yes,

Intermediate Casing  
 Hole Size 12 1/2 in  
 Csg Size 8 5/8 in  
 Set @ 814 ft  
 Sxs Cmt: 600  
 TOC Surface, Circ

Production String  
 Hole Size 6 1/6 in  
 Csg Size 4 1/2 in  
 TOL 3228 ft  
 BOL 3695 ft  
 Sxs Cmt 150  
 Sxs Cmt 75 from TOL

3425'-3582'

3582'

3593'

2615'

3673'-3676'

3688'-3694'

3720'-3724'

Shoe @ 3848'

PBTD 3783' ft  
 TD: 3850 ft

PREPARED BY

Domingo Camzales

UPDATED

28-Feb-12

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

HOBBS OCD

MAY 16 2012

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.**

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

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other Injector

2. Name of Operator

Resaca Operating Company

3a. Address

1331 Lamar St., 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)

Unit Letter I, Sec 5, T-25S, R-37E, 1830' FSL & 660' FEL

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
Langlie Jal Unit #60

9. API Well No.  
30-025-24879

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 Failed MIT
	<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: This injector completed in the Langlie Mattix Pool (Perfs 3425'-3724'). Our intention was to Run MIT & find casing leak.

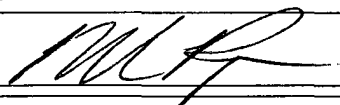
- 1.) MIRU Pulling Unit. 4/23/12
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- 5.) RIH w/ production tubing, ND BOP, NU WH. 4/27/12
- 6.) RDMO Pulling Unit, cleaned location. 4/27/12

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

Melanie Reyes

Title Engineer Assistant

Signature



Date 05/11/2012

**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)