

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

MAR 15 2012

RECEIVED

<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 <u>Injector</u>		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>60X</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 ☐

OTHER: Locate casing leak & cement squeeze if necessary, Run MIT ☒

SUBSEQUENT REPORT OF:

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

OTHER: ☐

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.

MIT FAILURE

Objective: Locate casing leak & 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.

BLM

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

Melanie Reyes

TITLE

Engineer Assistant

DATE

3/14/2012

Type or print name  
**For State Use Only**

Melanie Reyes

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

APPROVED BY:

Mark Whitaker

TITLE

Compliance Officer

DATE

03-16-2012

Conditions of Approval (if any):

MAR 19 2012

## WELLBORE SCHEMATIC AND HISTORY

## CURRENT COMPLETION SCHEMATIC

LEASE NAME

Langlie Jal Unit

WELL NO

60 WIW

STATUS

Inj

Injector

Oil

API#

30-025-23868

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', 67'-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

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

Casing leak  
 From 497' & 1027'  
 Polymer Squeezed  
 Twice

Yates @ 2927'

7-Rivers @ 3163'

PKR @ 3357'

## 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'

3425'-3427'

Queen @ 3495'

3497'-3506'

3518'

3534'-3540'

3558'

3562'-3564'

3582'

3567'-3577'

3593'

3592

3602'

3606'-3610'

2615'

3616'

3629'-3632'

3673'-3676'

3688'-3694'

3720'-3724'

PBTD @ 3783'

Shoe @ 3848'

PBTD 3783' ft  
 TD 3850 ft

PREPARED BY

Domingo Camzales

UPDATED

28-Feb-12