

UNITED STATES **MD. HOBBS**  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

5 Lease Serial No **LC0325112**

6 If Indian, Allottee or Tribe Name

**RECEIVED**  
**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**

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

8 Well Name and No.  
Langlie Jal Unit #85

2 Name of Operator  
Resaca Operating Company

9. API Well No  
30-025-11493

3a Address  
1331 Lamar St., Suite 1450  
Houston, TX 77010

3b. Phone No (include area code)  
(432) 580-8500

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

4. Location of Well (Footage, Sec., T, R., M., or Survey Description)  
Unit Letter P, Sec. 8, T-25W, R-37E, 660' FSL & 660' FEL

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 <b>Found Casing Leak &amp; MIT Failure</b>
	<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 recomplete 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 recompletion 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 is completed in the Langlie Mattix Pool (Perfs 3312'-3636'). Our intention was to Run MIT and locate casing leak.

- 1.) MIRU Pulling Unit. 4/9/12
- 2.) NDWH, unset Packer, NU BOP; POOH w/ tubing 4/10
- 3.) Replaced tubing (92 new jts. 2 3/8" IPC J-55 4.7#), tested tubing to 5000 psi, tested good; ND BOP & NUWH. 4/11/12
- 4.) Repeated attempts to perform MIT unsuccessful. 4/12/12
- 5.) Started test for casing leak; found leak from 3000' to 2937', lost 100 psi in 5 min. 4/13/12
- 6.) RIH w/ 5 1/2" Packer & Set @ 3060'; Tested top of liner @ 3080' to 450 psi., test good; POOH w/ tbg. & LD packer. 4/16/12
- 7.) RIH w/ 4" Retrieving Tool & unset 4" Plug @ 3242'; POOH w/ tbg. & LD Plug; RIH w/ tbg., NDBOP, NUWH. 4/17/12
- 8.) RDMO Pulling Unit, cleaned location. 4/17/12

*accept for record w/ attached OAD. 07/12/2012 ARJ*

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

Melanie Reyes

Title Engineer Assistant

Signature *[Handwritten Signature]*

Date 05/11/2012

ACCEPTED FOR RECORD

AUG 22 2012

/s/ JD Whitlock Jr

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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

Approved by

Title

Office

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

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)

**AUG 27 2012**

## **Order of the Authorized Officer**

**Resaca Operating Company**

**Langlie Jal Unit - 85**

**API 3002511493**

July 12, 2012

This well's recorded activity has been inactive/shut-in for more than 30 days without authorization and failed a mechanical integrity test on 04/13/2012.

On or before August 12, 2012: Submit to BLM; on Form 3160-5, for approval, one of the following:

A) Notice of Intent procedure to repair the casing so that a TA approval or return to beneficial use can be granted.

B) Notice of Intent procedure to plug and abandon the well.

References: 43 CFR 3162.1(a), 43 CFR 3162.3-2, 43 CFR 3162.3-4, 43 CFR 3162.4-1, Onshore Oil and Gas Order #1.X., & Onshore Oil and Gas Order #2.III.G.

Access information for use of Form 3160-5 "Sundry Notices and Reports on Wells"

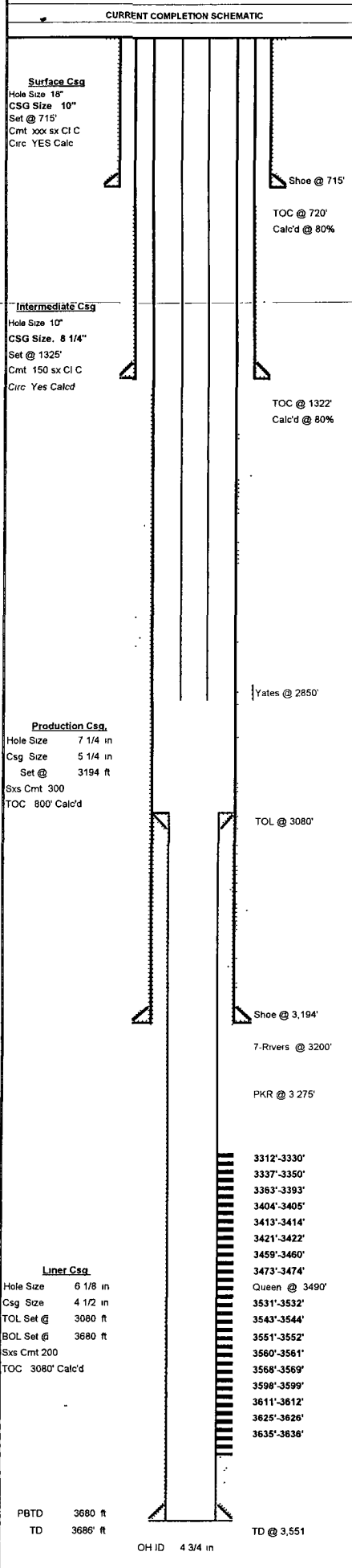
NM Fed Regs & Forms - [http://www.blm.gov/nm/st/en/prog/energy/oil\\_and\\_gas.html](http://www.blm.gov/nm/st/en/prog/energy/oil_and_gas.html)

§ 43 CFR 3162.3-2 Subsequent Well Operations.

§ 43 CFR 3160.0-9 (c)(1) Information collection.

§ 3162.4-1 (c) Well records and reports.

WELLBORE SCHEMATIC AND HISTORY



CURRENT COMPLETION SCHEMATIC		LEASE NAME <b>Langlie Jal Unit</b>		WELL NO <b>85 WIW</b>
STATUS In Injection Oil		API# <b>30-025-11493</b>		
LOCATION 660 FSL & 660 FEL, Sec 8, T - 25S, R - 37E, Lee County, New Mexico				
SPUD DATE 12/15/34	TD 3686'	KB	DF	3.162'
INT COMP DATE 09/08/35	PBTD 3680	GL	GR	
ELECTRIC LOGS		GEOLOGICAL DATA		
HYDROCARBON BEARING ZONE DEPTH TOPS		CORES, DST'S or MUD LOGS		
Yates @ 2850'		7-Rivers @ 3200'		Queen @ 3490'
<b>CASING PROFILE</b>				
SURFACE 10" - 40#, Grade A set @ 715' Cmt'd w/ xxx sxs - TOC - Circulated				
Inter Csg 8 1/4" - 32#, H - 40 set @ 1240' Cmt'd w/ 66 sxs - TOC @ 720'				
PROD Csg 7" 24# H-40 set @ 3,247' Cemented with 300 sx Class C TOC @ 1322'				
Liner 4" 9 5 # H-40 set @ TOL 3,080' BOL 3,680' cemented with 200 sx Class C cement				
<b>CURRENT PERFORATION DATA</b>				
CSG PERFS		OPEN HOLE		
1-Sep-35 Nitro Shot Open Hole (3194'-3485') f/ 3,400' to 3,420' & 3440'-3450' w/ 30 quarts				
14-Feb-96 Perf'd 7-R & Q f/ 3312'-30', 3337'-50', 3363'-93', 3404'-05, 3413'-14', 3421'-22', 3459'-60', 3473'-74', 3531'-32', 3543'-44', 3551'-52', 3560'-61', 3568'-69', 3598'-99', 3611'-12', 3625'-26', & 3635'-36', 1 JSPF, 44 holes				
<b>TUBING DETAIL</b> 4/17/2012				
2852	93	2 3/8" J-55 4 6# IPC Tubing		
2852				
<b>WELL HISTORY SUMMARY</b>				
1-Sep-35 Nitro Shot Open Hole (3194'-3485') f/ 3,400' to 3,420' & 3440'-3450' w/ 30 quarts Flowed 60 bopd & 1.5 MMCFPD, before & after - no change in production.				
4-May-72 Convert well to injection				
20-May-90 Tagged fill at 3,184' and washed from 3,184' to 3,260' Injection: 244 bwpd @ 440 psig.				
10-Dec-92 Cleaned out to 3485'				
14-Feb-96 Deepened well to 3,686' (4 3/4" hole) RIH with 600 ft of 4" 9 5#, cemented with 200 sx Class C Drilled out cement Perf'd 7-R & Q f/ 3312'-30', 3337'-50', 3363'-93', 3404'-05, 3413'-14', 3421'-22', 3459'-60', 3473'-74', 3531'-32', 3543'-44', 3551'-52', 3560'-61', 3568'-69', 3598'-99', 3611'-12', 3625'-26', & 3635'-36', 1 JSPF, 44 holes Acidized perms with 1,750 gals 15% NEFE HCl Squeezed TOL with 100 sx Class C cement				
09-Apr-12 POOH with injection equipment (tapered tubing) Aptempt to hydrotest tubing, could not test due tp bad plastic lining Laid down injection tubing Hydrotest new tubing in hole to 5,000 psig - good Several attempt to performed MIT failed Found casing leak at 2,937' to 3,000' - lost 100# in 5 minutes Set PKR @ 3,060' and test top of Liner (3080') to 450# - okay RIH with new 92 joints of 2 3/8" IPC J-55 4 7# opened ended				
PREPARED BY		Domingo Camzales		UPDATED.
				30-Apr-12