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

HOBBS OCD
MAY 16 2012
RECEIVED

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-103
Revised August 1, 2011

WELL API NO.
30-025-11498

5. Indicate Type of Lease
STATE ☐ FEE ☐ FED

6. State Oil & Gas Lease No.
309574

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.)

7. Lease Name or Unit Agreement Name
Langlie Jal Unit

1. Type of Well: Oil Well ☐ Gas Well ☒ Other Injector

8. Well Number 77W

2. Name of Operator
Resaca Operating Company

9. OGRID Number
263848

3. Address of Operator
1331 Lamar Street, Suite 1450 Houston, TX 77010

10. Pool name or Wildcat
Langlie Mattix: 7Rivers-Queen-Grayburg

4. Well Location
Unit Letter H : 1980 feet from the North line and 660 feet from the East line
Section 8 Township 25S Range 37E NMPM Lea County

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
3172' GL

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
OTHER: ☐		OTHER: Found casing leak & MIT Failure ☒	

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; NDWH & unset Pkr; NU BOP; Tested tbg in hole to 5000 psi, tested good. 4/18/12
2.) ND BOP, circulated packer fluid, packer would not set due to scale. 4/18/12
3.) NU BOP; POOH w/ tubing & laid down packer; RIH w/ 3 7/8" Bit on 2 3/8" work string. 4/19/12
4.) RIH w/ 3 7/8" Bit on 2 3/8" tubing , tagged @ 3530'; PU Swivel & cleaned out to TD @ 3647'; Pulled & LD tubing. 4/20/12
5.) RIH w/ 4 ½" LD Shear Pkr; ND BOP; circ'd well w/ 46 bbls packer fluid, set packer @ 3181'. 4/21/12
6.) Pressure tested annulus to 420 psi, wouldn't test; Pulled packer to 3150', pressure tested to 450 psi, wouldn't test. 4/21/12
7.) POOH w/ tubing & laid down packer. 4/21/12
8.) RIH w/ 4 ½" Plug, tested tbg. to 6000 psi, tested good; set @ 3142'. POOH w/ tbg; RIH w/ 4 ½" pkr & set @ 3110' 4/23/12
9.) Tested tools to 420 psi, tested good; Unset Packer, circulated well clean, tested csg to 430 psi, lost 80 psi in 10 min. 4/23/12
10.) RIH w/ 4 ½" AD-1 Packer, tried to set Pkr @ 2500', 3119' & 3090', wouldn't set; POOH w/ tbg & LD Pkr. 4/24/12
11.) RIH w/ retrieving tool, unset plug, pulled & laid down 70 jts. 4/24/12
12.) POOH w/ tubing & LD packer; RIH w/ tubing, ND BOP, NUWH; RDMO Puling Unit 4/25/12

Spud Date: 4/18/12 Rig Release Date: 4/25/12

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

SIGNATURE _____ TITLE Engineer Assistant DATE 5/11/2012

Type or print name Melanie Reyes E-mail address: melanie.reyes@resacaexploitation.com PHONE: (432) 580-8500

For State Use Only

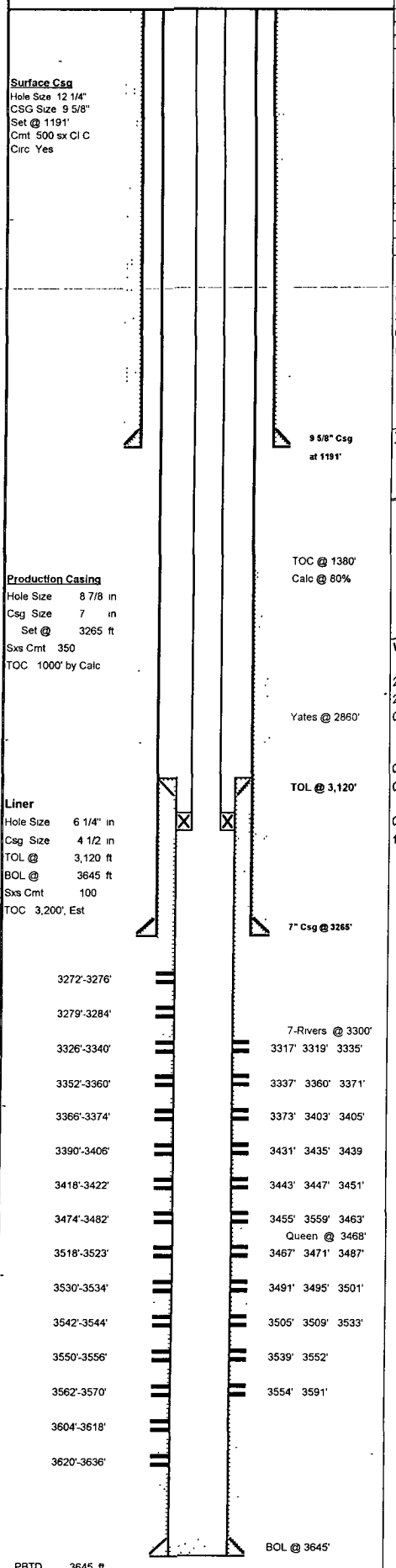
APPROVED BY: _____ TITLE STAFF MGR DATE 5-16-2012

Conditions of Approval (if any):

MAY 16 2012

WELLBORE SCHEMATIC AND HISTORY

CURRENT COMPLETION SCHEMATIC



Surface Csg
Hole Size 12 1/4"
CSG Size 9 5/8"
Set @ 1191'
Cmt 500 sx Cl C
Circ Yes

Production Casing
Hole Size 8 7/8 in
Csg Size 7 in
Set @ 3265 ft
Sxs Cmt 350
TOC 1000' by Calc

Liner
Hole Size 6 1/4" in
Csg Size 4 1/2 in
TOL @ 3,120 ft
BOL @ 3645 ft
Sxs Cmt 100
TOC 3,200', Est

PBTD 3645 ft
TD 3747 ft

LEASE NAME	Langlie Jal Unit					WELL NO	77 WIW
STATUS	Inj	Injection	Oil			API#	30-025-11498
LOCATION	1980 FNL & 660 FEL, Sec 8, T - 25 S, R - 37E, Lee County, New Mexico						
SPUD DATE	10/28/37	TD	3747	KB	3,182'	DF	3,181'
INT COMP DATE	11/28/37	PBTD	3645	GL	3,172'	GR	

GEOLOGICAL DATA

ELECTRIC LOGS.

CORES, DST'S or MUD LOGS.

HYROCARBON BEARING ZONE DEPTH TOPS.

Yates @ 2860' 7-Rivers @ 3300' Queen @ 3468'

CASING PROFILE

Surf Csg	9 5/8" - 36#, J -55 set @ 1191' Cmt'd w/500 sxs - Circulated
Prod	7 " 14# J-55 set @ 3,265' Cemented with 350 sx Class C Top of Cement @ 1,000' by Calc @ 80%
Liner	4 1/2 " 10 5# H-40 TOL @ 3,120' BOL @ 3,645' Cemented with 100 sx Class C Top of Cement @ 3,200' Est

CURRENT PERFORATION DATA

CSG PERFS — OPEN HOLE

21-Nov-37 Nitro shot Open Hole (3,445'-3,479') with 75 Quarts **IP: Prior Flwg 96 BOPD & 1.0 MMCFP; After Flowing 216 BOPD & 1.1 MMCFD.**

01-Aug-75 **Perf'd 4 1/2" lnr (Q & 7-R) f/** 3,317', 19', 35', 37', 60', 71', 73', 3403', 05', 31', 35', 39', 43', 45', 51', 55', 59', 63', 67', 71', 87', 91', 95', 3501', 05', 09', 33', 39', 5

01-Feb-96 **Clean out to 3,645'. Perf'd Queen/7-Rivers from** 3272'-76', 3279'-84', 3326'-40', 3352'-60', 3366'-74', 3390'-3406', 3418'-22', 74'-82', 3518'-23', 30'-34', 42'-50'-56', 62'-70', 3604'-3618', & 3620'-3636'. Acidized with 6,500 gals 7 1/2% HCl No test reported

TUBING DETAIL — 01-Jun-06 — **ROD DETAIL**

3150	100	2 3/8 J-55 EUE IPC Tubing
3	1	PKR
3153		

WELL HISTORY SUMMARY

21-Nov-37 Nitro shot Open Hole (3,445'-3,479') with 75 Quarts **IP: Prior Flwg 96 BOPD & 1.0 MMCFP, After Flowing 216 BOPD & 1.1 MMCFD.**

28-Nov-71 Pulled production string and ran injection equipment

01-Aug-75 Drilled new 6 1/4" hole to new **TD 3,647'. Ran 4 1/2" liner f/ 3,120'-3,645'.** Cemented w/ 100 sx Class C
Perf'd 4 1/2" lnr (Qn & 7-R) f/ 3,317', 19', 35', 37', 60', 71', 73', 3403', 05', 31', 35', 39', 43', 45', 51', 55', 59', 63', 67', 71', 87', 91', 95', 3501', 05', 09', 33', 39',
2 JHPF Acidized with 3,500 gals 15% NEFE acid

01-Nov-77 Acidized with 5,000 gals 28% NEFE acid + 5,000 H2O + gals D-4 concentrated oil stripper 1,400# rock salt **IP: 420 bwpd @ 740 psig.**

01-Feb-96 **Clean out to 3,645'. Perf'd Queen/7-Rivers from** 3272'-76', 3279'-84', 3326'-40', 3352'-60', 3366'-74', 3390'-3406', 3418'-22', 74'-82', 3518'-23', 30'-34', 42'-50'-56', 62'-70', 3604'-3618', & 3620'-3636' Acidized with 6,500 gals 7 1/2% HCl No test reported

08-Jul-03 Squeezed 4 1/2" liner with 50 sx cement

15-Jul-05 Squeezed 4 1/2" liner with 100 sx cement

PREPARED BY	Domingo Carrizales	UPDATED	29-Feb-12

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD
MAY 16 2012
RECEIVED

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.*

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

1 Type of Well
☐ Oil Well ☐ Gas Well ☑ Other Injector

8 Well Name and No.
Langlie Jal Unit #77

2. Name of Operator
Resaca Operating Company

9. API Well No.
30-025-11498

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 H, Sec 8, T-25S, R-37E, 1980' FNL & 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			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☑ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other Found Casing Leak & MIT Failure
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ 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 3272'- 3636'). Our intention was to run MIT and locate casing leak.

1.) MIRU Pulling Unit; NDWH & unset Pkr; NU BOP; Tested tbg in hole to 5000 psi, tested good. 4/18/12
2.) ND BOP, circulated packer fluid, packer would not set due to scale. 4/18/12
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11.) RIH w/ retrieving tool, unset plug, pulled & laid down 70 jts. 4/24/12
12.) POOH w/ tubing & LD packer; RIH w/ tubing, ND BOP, NUWH; RDMO Puling Unit 4/25/12

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

Title Engineer Assistant

Signature MLR

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. 5/16-2012

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)