HOBBS OCD

Form 3160-5
(August 2007)

AUG 24 2012

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

RECEIVED

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

5 Lease Serial No LC055546

6. If Indian, Allottee or Tribe Name

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.*

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 #60

2. Name of Operator
Resaca Operating Company

9. API Well No
30-025-24879

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 I, Sec. 5, T-25S, R-37E, 1830' 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			
☐ 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 Failed MIT
	☐ 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 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
2.) NDWH, released packer, NUBOP; POOH w/ tbg. & pkr., attempt to run MIT, unsuccessful. 4/24/12
3.) PU 4 ½" 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

accept for record w/attached COA. 07/12/2012 PRS

ACCEPTED FOR RECORD
AUG 22 2012
/s/ JD Whitlock Jr
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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)

AUG 27 2012

Order of the Authorized Officer

Resaca Operating Company
Langlie Jal Unit - 60
API 3002524879
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 04/24/2012.

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**

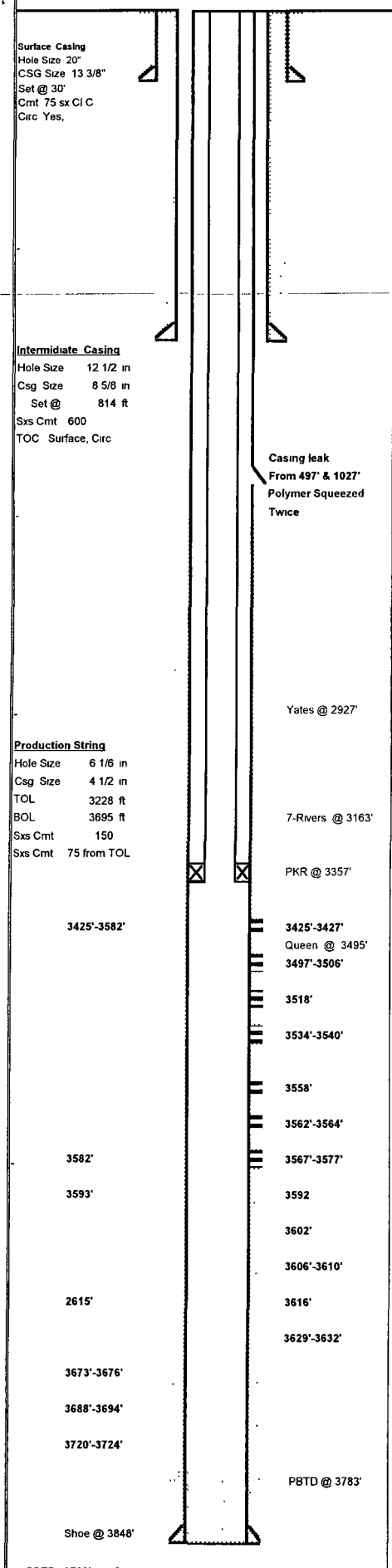
§ 43 CFR 3162.3-2 Subsequent Well Operations.

§ 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	Langlie Jal Unit					WELL NO	60 WIW
STATUS	Inj	Injector	Oil			API#	30-025-24879
LOCATION	1830 FNL & 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	

GEOLOGICAL DATA

ELECTRIC LOGS

CORES, DST'S or MUD LOGS,

HYROCARBON 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 & 7-R f/3425'-27'; 3497'-3506', 3518', 3534'-40', 3558', 3562'-64', 67'-77', 3592', 3602', 3606'-10', 3616', 3629'-32', 1JHPF, 40', 47 holes**

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

TUBING DETAIL 11/11/2008 **ROD DETAIL**

3238	104	2 3/8 IPC Tub
4	1	Uni-Pkr
3242		

ROD DETAIL: 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', 1JHPF, 40', 47 ho
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

PREPARED BY	Domingo Carnzales	UPDATED	28-Feb-12